



**Jenny Wilson**  
Mayor

March 9, 2023

**Catherine Kanter**  
Deputy Mayor of Regional  
Operations

To: Salt Lake County – County Council

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

Re: Title 17 – Public hearing to accept the Southwest and Northwest Canal and Creek  
Hydrology Studies

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

Dear County Council:

**FLOOD CONTROL  
ENGINEERING DIVISION**

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[slco.org/flood-control](http://slco.org/flood-control)

Due to the pace of new development throughout Salt Lake County it has become apparent that the studies that address storm drainage and flood control development need to be updated to reassess predevelopment stormwater release rates and how those rates will impact the County's Flood Control Facilities. In the spring of 2021 amendments to the Salt Lake County Code of Ordinances, Title 17, Chapters 04, 08, and 20 were approved, outlining how those studies were to be conducted and adopted.

As part of these changes

**Chapter 17.04**

**17.04.050:** Established procedures 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 established scientifically based regulations regarding the discharge of excess water from developed properties into County Flood Control Facilities.

**Chapter 17.20**

**17.20.060:** Changes in this section addressed 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 above.

Pursuant to these ordinances, the Southwest and Northwest Canal and Creek Hydrology Studies have recently been completed. Copies of these studies are enclosed with this staff report. These studies address a number of issues, including but not limited to, the maximum excess water release rates into storm drain systems that are allowed for new development projects in the unincorporated county, i.e., the amount of stormwater that a developer must retain onsite via stormwater facilities that a developer constructs.

Pursuant to Utah Code section 17-27a-212, a public hearing is required before SLCo can adopt these studies for the affected unincorporated portions of the County. A public hearing needs to be set and the Council will need to make a decision to approve and adopt the newly completed Southwest and Northwest Canal and Creek Hydrology Studies.

Thank you,

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

Attachments:

Southwest and Northwest Canal and Creek Hydrology Studies see link:  
<https://slco.org/flood-control/studies/>

