



Legislation Text

File #: 19-282, **Version:** 1

Geologic Hazard Study (Informational)

Presenter:

Bret Waters, Deputy Chief of Staff

Summary:

The geological hazard study is substantially complete. The purpose of the study was to provide updated technical information, in an electronic database, which is intended to be used and interpreted by engineering professionals to inform development and building decisions.

Previous Council Action:

N/A

Background:

In 2015 the City of Colorado Springs received a significant precipitation event, which resulted in the reactivation of several landslides in the southwest portions of the City. The Colorado Geological Survey (CGS) provided assistance in evaluating the landslide in June 2015 through March 2016. In 2016, the Colorado Geological Survey issued a letter stating little is known about the depth, rate of movement, and the aerial extents of the movement of the Cheyenne Mountain Landslide Complex. Additionally, CGS recommended a detailed subsurface investigation of the area. This Geologic Hazard Study was a result of the CGS request. The study encompasses two areas in southwest Colorado Springs which experienced landslides in 2015. The study included compiling existing geotechnical and geologic hazard reports, field recognition, installation of monitoring equipment, and long term monitoring of equipment.

Financial Implications:

N/A

Board/Commission Recommendation:

N/A

Stakeholder Process:

Staff has presented the information to several stakeholders including the engineering community, builders and developers, land owners and real estate professionals.

Alternatives:

N/A

Proposed Motion:

N/A

N/A