



Memorandum

To: Megan Gutwein
From: Krystle Ervin, E.I. and Craig Lis, P.E.
Date: November 25, 2019
Subject: Depth to Groundwater Table on Participating Farms

Background

Participating farms included in the Colorado Springs Utilities/Super Ditch Pilot Project were reviewed to determine whether high groundwater conditions exist. Static water levels reported in well construction reports and available as meta data within the Colorado Decision Support System (CDSS) were reviewed. Additionally, the most recent water level reading as reported in the Division of Water Resources (DWR) water level database available on CDSS were reviewed. Based on these two data sources, the average depth to groundwater on the Diamond A, Mameda, Groves, and Mayhoffer Farms is more than 12 feet. Additional research should be done to examine potential high groundwater conditions on Schweizer Farm.

Diamond A

Water levels from wells located on the Diamond A Farm or within 100 feet of the farm ranged from 8 to 28 feet and averaged 15.9 feet.

Mameda Farm

Water levels from wells located on the Diamond A Farm or within 100 feet of the farm ranged from 30 to 41 feet and averaged 34.2 feet.

Groves Farm

Water levels from wells located on the Diamond A Farm or within 100 feet of the farm ranged from 6 to 19 feet and averaged 14.5 feet.

Mayhoffer Farm

There were not any water levels available on the Mayhoffer Farm; however, a water level reading located near Crooked Arroyo indicated a depth of 12 feet.

Schweizer Farm

Water levels reported from wells located on the Schweizer Farm ranged from 5.78 feet to 13 and averaged 8.6 feet; however, all reported water levels were collected from wells located near the Catlin Canal. Additional research should be done on the Schweizer Farm.