

MEETING MINUTES

Project: McKay Lake OSP
Client: UDFCD and Broomfield
Meeting Description: Hydrology Comment Review Meeting
Meeting Date: May 2, 2018
Meeting Location: City and County of Broomfield
Muller Project #: 17-054.01
Notes Prepared By: Audrey
Notes Issue Date: May 4, 2018

ATTENDEES:

Rebecca Baker City and County of Broomfield
 Katie Allen City and County of Broomfield
 Brooke Seymour Urban Drainage and Flood Control District
 Whitney Maifarth Muller Engineering Company
 Audrey Rogers Muller Engineering Company

ACTION ITEMS

MULLER ENGINEERING	
1.	Address all comments, including additional items discussed in the meeting
2.	Need to get Adams County zoning information
3.	Set up meeting with FRICO
UDFCD	
1.	Confirm UDFCD is not currently maintaining any of the structures along the McKay lateral
BROOMFIELD	
1.	Green Family Farms Drainage Report

DISCUSSION

The following is our understanding of the subject matter covered in this meeting. If this differs with your understanding, please notify us.

- Whitney provided a copy of the comment log and explained that items which have a B in the disposition column are items to be discussed at the meeting.
- Rebecca explained her concerns with the SEH study not being included in the hydrology evaluation. Brooke confirmed that this model represents only the existing condition hydrology so this will be considered in alternatives
 - o If the design remains as is, a basin transfer will occur
 - o Muller will review options to fix this flooding issue as part of the alternative evaluations
- Additional discussion occurred with the existing 42" storm pipe which flows from north to south under West 144th Avenue using an inlet between Federal Boulevard and Clay Street.
 - o Since the 2001 OSP as well as the drainage report for this subdivision (McKay Landing Filing No. 4) account for the flows going south to Quail Creek, the decision was made to perpetuate this with the OSP update.
- The McKay Lateral was included as drainage conveyance for the hydrology as this represents the current flowpath. Muller will meet with Farmers Reservoir and Irrigation Company (FRICO) to discuss the lateral. The options for handling this will be included with the alternatives.
 - o Muller shall consider purchase of the McKay lateral as one option
 - o Rebecca was going to see where the Green Family Farms subdivision stormwater was designed to go.
 - o Whitney mentioned that she remembered seeing an UDFCD logo on one of the concrete structures in the area. Brooke will confirm that they are not doing any maintenance on the lateral.
- Muller needs to check to see if Broomfield's lidar data is the same as the 2013 flood topo which Muller has been using. If they are different, basins should be delineated based on Broomfield's.
- Design points need to be added for all basins and at critical crossing locations
- Basin 10 should be broken up into two different basins. Basin 12 can remain as it is currently delineated
- The north portion of basin 12 and the west portion of basin 10 are both owned by the City and so no development is planned. Land use can be changed from residential to open space
- For the few parcels that can be developed along West 144th Avenue, Muller will change the land use to commercial
- For consistency change current zoning to existing land use and then state that future land use matches the current zoning.
- There are small roadside ditches located along Federal. Since they are so small and flows will probably pond and spill east, include the area west of Federal. This matches the 2001 OSP also.