

MEETING MINUTES

Project: McKay Lake OSP
Client: UDFCD and Broomfield
Meeting Description: Kick-off Meeting
Meeting Date: December 7, 2017
Meeting Location: City and County of Broomfield
Muller Project #: 17-054.01
Notes Prepared By: Audrey
Notes Issue Date: December 20, 2017

Attendees: See attached sign in sheet

ACTION ITEMS

MULLER ENGINEERING	
1.	Review survey limits
UDFCD	
1.	Brooke send over survey areas
BROOMFIELD	
1.	Preliminary design information for 149 th & Irving
2.	GIS data for the area within the study limits
ADAMS COUNTY	
1.	GIS data for the area within the study limits

DISCUSSION

The following is our understanding of the subject matter covered in this meeting. These notes supplement the information included in the agenda which is attached. If this differs with your understanding, please notify us.

Basin Area

- The study is for only the upper reach to McKay Lake. No need to model McKay Lake.
- We can start fresh with new basins (ie. Not tied to the old OSP). Old models are available if needed.



Related Projects

- Dillon Road/144th Avenue Roadway Improvements Project. FIR scheduled for April 2018
- 149th & Irving has a drainage issue: Looking at conveying to 144th along the west side of Irving. May require detention on the NW corner. Will be maintained by Broomfield. Need to review this and determine if this is the best configuration for the OSP. Katie to provide copies of preliminary design to Muller.

Zoning

- Large lot with portions being part of a transitional overlay district. Commercial strip adjacent to 144th.
- Adams County piece is also large lot
- Both Broomfield and Adams County can provide GIS data
- Muller needs to determine whether the existing vs. future hydrology will be significantly different. If they are not than just the future condition can be analyzed (ie. Not existing).

Irrigation Ditch vs. Stormwater Routing

- FRICO requires either the City/County to maintain pipes if the decision is made to pipe the ditch
- Will need to consider a parallel channel also
- Expect the corridor to be used as a future trail corridor

Irrigation Ditch Contacts

- McKay Lateral - ERC

Detention

- McKay Lake is owned by City of Westminster. FRICO's water is stored in it.
- No additional ponds at this time within the study limits
- Any proposed ponds shown in the OSP need to be on property already purchased by the City before it is shown as a selected alternative

Mapping

- Wilson and Company should be out doing survey week of the 11th or 18th
- Brooke will send to Muller for review

Website

- Muller will provide a link once it is ready
- Can use dropbox for internal stuff

Public Meetings

- Open house format is recommended.

Other

- City of Westminster considering making downstream portion of McKay Lake maintenance eligible. If it makes sense to do it with this project, they can put in funds. Brooke will check.

Upper McKay Lake Watershed Outfall Systems Planning Study

Kickoff Meeting Agenda

UDFCD Agreement No. 17-10.11

December 7, 2017

Introductions: See Sign In Sheet for Names, Organization, and Contact Information. Whitney Maifarth will be Muller's Project Engineer assigned to the project, but she is on vacation this week.

Stakeholders: UDFCD, Broomfield, Westminster, Adams County, Thornton

Basin Area: Approximately 700 Acres. The previous study had 17 basins, so the average size equates to 41 acres per sub-basin.

Related Projects: Dillon Road / 144th Avenue Roadway Improvements Project: A 4-Lane Arterial with raised median with curb, gutter and sidewalk roadway project. It is a part of the Broomfield Bond Program. Lowell and 144th may have some neighboring development improvements included in the NW and NE quadrants. FIR for Phase 2 (Sheridan to East of Zuni) is scheduled for April 2018. Any others?

Zoning : Previous 2001 study shows both existing and future zoning. In comparing Existing to future zoning there is approximately only 25%+/- (by eyeballing) of the total basin area that shows increased imperviousness planned, with most going from 2% to 10% and only 5% of the area going from 2% to 40%. Muller plotted Broomfield's latest Zoning Map.

Irrigation Ditch Vs. Stormwater routing: The irrigation ditch seems to follow the drainageway flowpath. Ideas for keeping irrigation flow segregated from stormwater flow? Name of irrigation Ditches in the basin. FRICO ditch traverses across the basin. A lateral comes off FRICO Community Ditch in the upper reach of the basin.

Irrigation Ditch Contacts: Besides FRICO?

Detention: Identify existing ponds to be included. Are as-builts with rating curves available? McKay Lake spillway Improvements?

Mapping: LIDAR topography; GIS utility data; crossing structure survey; additional survey needs?

Website: Project information (overview, area, engineer, sponsors/stakeholders, schedule); study area map; meeting minutes; documents; contact info.

Schedule for Hydrology Study: 10 weeks from receipt of mapping. 3 weeks for review and 3 weeks for revisions. 16 weeks total.

Schedule for Alternative Evaluation/ Conceptual Design: 6 8 weeks with 3 weeks for review, 3 weeks for revisions, then 3 weeks to schedule a public meeting, then 3 weeks for selection of a final alternative and 8 weeks for Draft Concept Design Report, with 3 weeks for review and 3 weeks to revise and submit the final Conceptual Design. 34 weeks total.

Other Items:

