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: