

Second Creek Master Plan Progress Meeting Minutes

Date: March, 6, 2017
 Location: UDFCD
 Distributions: Agenda, Hydrology Maps

Attendees:

NAME	ORGANIZATION	E-MAIL
Anna Sparks	Adams County	asparks@adcogov.org
Russel Nelson	Adams County	rnelson@adcogov.org
Bill McCormick	Aurora	bmccormi@auroragov.org
Craig Perl	Aurora	cperl@auroragov.org
Jon Villines	Aurora	jvilline@auroragov.org
Matt Amidei	Brighton	mamidei@brightonco.gov
Scott Olsen	Brighton	solsen@brightonco.gov
Catherine Rafferty ☎	DEN	catherine.rafferty@flydenver.com
Alan Leak	RESPEC	alan.leak@respec.com
Krystina Pacheco	RESPEC	krystina.pacheco@respec.com
Shea Thomas	UDFCD	stthomas@udfcd.org
Teresa Patterson	UDFCD	tpatterson@udfcd.org

I. Purpose

This is a progress meeting for the Second Creek Major Drainageway Plan. Discussion focused on project hydrology, specifically subwatershed delineations, subwatershed routing, and RESPEC’s initial cut at existing and future land use. Shea Thomas noted that Teresa Paterson will be taking over management of the Second Creek MDP.

II. Subcatchments and Routing

The meeting was opened with introductions. David Delagarza gave a brief overview of the information that has been provided to RESPEC since the kick-off meeting including hydraulic structure survey, GIS data, zoning maps. David requested the sponsors provide any updated zoning for areas they find incorrect and any information regarding planned or existing regional detention ponds (as-built information, or storage-discharge curves) to RESPEC. Bill McCormick requested that RESPEC take a look at the Porteos project for additional ponds that have been constructed upstream of DEN.

David noted there was potential uncertainty regarding basin delineations between US 85 and the Rocky Mountain Arsenal due to very flat slopes and unclear flow direction within this area. Shea Thomas suggested RESPEC look at watershed boundaries from previous studies of adjacent drainages including Third Creek, Irondale Gulch, and First Creek. It was requested that RESPEC ensure that the Second Creek watershed boundary is coincident with adjacent watershed boundaries.

III. Detention

Teresa Patterson indicated that detention basin "T88" has recently been constructed. This basin is located on Gramma Gulch between 112th Avenue and 88th Avenue, just west of Tower Road. The drainage basin was broken up and diverted flows, some going to Second Creek and some going to the existing Gramma Gulch alignment.

Teresa also brought up detention basin "S243" on the West Fork of Second Creek that should be included in the baseline hydrology as well as detention basins "GG1" and "GG2" from the Porteos Master Plan.

Teresa discussed 3 detention basins that are currently under design for Commerce City near 112th Avenue, south of the canal that could potentially be included in the baseline hydrology. Teresa will contact Commerce City and determine whether these basins should be included in the baseline hydrology.

IV. Land Use

Anna Sparks noted that the gravel pond adjacent to the outfall at the South Platte River is going to be purchased by Adams County. The volume of the pond may be reduced and a slurry wall built to re-route the current stream alignment outside of the pond. Scott Olsen noted that the landowners to the north of the pond currently have a master plan for their property which will make it hard to reroute the stream north.

Catherine Rafferty referenced the DEN real estate Airport Layout Plan (ALP) that is currently being updated but will not be released until later this year. Alan Leak indicated the buffer area within City of Aurora located outside of the DEN boundary will need to be checked for updated zoning. City of Aurora has also updated their zoning maps. Teresa suggested that RESPEC consider increasing the future impervious for the Porteos Master Plan area.

V. Action Items

RESPEC

- RESPEC will send preliminary hydrology information (subcatchments, routing, land use) to sponsors in Google Earth KMZ format.
- RESPEC will send the initial results of the baseline hydrology, and their comparison to existing flows to the UDFCD and the project sponsors once the models are completed.
- RESPEC will consider the Porteos Master Plan to help update future land use.
- RESPEC will double check subcatchment delineations near canals.
- Subcatchments from the recent Second Creek, upstream of DIA master plan will be incorporated in the baseline hydrology. These watersheds will be used as is and RESPEC will only recalculate imperviousness and area correction as needed.

Project Sponsors

- Sponsors will send comments on basin delineations, future land use, and design point locations to RESPEC within 2 weeks.
- Craig Perl will send stage/storage curves or as-builts for detention basins GG1 and GG2 to RESPEC.
- Teresa Patterson will send stage/storage curves or as-builts for detention basin S-243 RESPEC.
- Teresa Patterson will provide the HDR report for the T88 basin to RESPEC.
- Shea Thomas will provide RESPEC with the Third Creek watershed boundary.
- Craig Perl will send RESPEC the Porteos Master Plan and design reports.

These minutes are true and accurate to the best of my knowledge based on notes and recollection. Should any attending party have additions or corrections to these minutes, please forward them to David Delagarza of RESPEC Consulting within one week of the date of receipt. The absence of a response will be considered concurrence to the previous information and these minutes will be considered matter of fact.