



MEETING MINUTES

Second Creek MDP & FHAD

Commerce City - Detention Alternatives

Date: October 19, 2017
Location: Commerce City
Distributions: Agenda, Basin Maps

Attendees:

<u>NAME</u>	<u>ORGANIZATION</u>	<u>EMAIL</u>
Andrew Pihaly	Commerce City	apihaly@c3gov.com
Maria D'Andrea	Commerce City	mdandrea@c3gov.com
Lisy Henson	Commerce City	lhenson@c3gov.com
Jennifer Winters	RESPEC	jennifer.winters@respec.com
Haley Heinemann	RESPEC	haley.heinemann@respec.com
Teresa Patterson	UDFCD	tpatterson@udfcd.org
Kelly Leid	Oakwood Homes	kleid@oakwoodhomesco.com
Brett Price	Oakwood Homes	bprice@oakwoodhomesco.com
Aaron Clutter	JR Engineering	aclutter@jrengineering.com
Tristan Bonser	JR Engineering	tbonser@jrengineering.com
Pat Horn	Martin/Martin	phorn@martinmartin.com
Dennis Minchow	DIA Tech Center	dam@schuckcommunities.com
David Forbes	CORE	forbes@corecivil.com

1) Purpose

The purpose of the meeting was to discuss potential alternatives for detention within the City of Commerce City.

2) Previous Studies

Two studies have been prepared for this portion of the watershed.

- i. 1976 FHAD (Gingery and Associates)
- ii. 2004 OSP (Kiowa Engineering)

3) Current MDP/FHAD

Final Baseline Hydrology submitted to UDFCD on 9/29/2017. RESPEC is currently working on the detention alternatives (only) for the entire watershed.

ACTION: RESPEC will provide the DropBox link to the Baseline Hydrology Report



4) Detention Alternatives

- Upper and Middle Basins: Met to discuss detention locations on 10/5/2017. Peak flows released from DIA will be “Natural Conditions” flows.
- Commerce City: RESPEC presented the location of the three ponds proposed in the 2004 Kiowa OSP on a large map. The map was requested by the meeting attendees.

ACTION: RESPEC to provide meeting map to attendees.

- i. “North Pond”: located just upstream of the O’Brian Canal has been designed since early 2000’s; the 2002 design was provided to Kiowa for inclusion in the 2004 OSP. Aaron Clutter (JR Engineering) presented the latest grading and design of the pond. Tristan said that they have an agreement with the O’Brian Canal owners (FRICO) and are ready to move forward with the project. 50 cfs will be released to the canal under the current plan. However, given that the flows are changing with this MDP, they will wait until the flows are more finalized before meeting with FRICO again to discuss the project. Downstream of the canal, the plan is to re-establish the Second Creek channel downstream to the I-76 crossing.
 - **ACTION:** Aaron Clutter (JR Engineering) to provide current design drawings for the North Pond.
- ii. “Middle Pond”: located within the floodplain extents just upstream of Chambers Road. Any pond that would be proposed here would have to be sited within the floodplain boundary as development has encroached on the footprint of the pond shown in the 2004 Kiowa OSP. This pond is the last choice of the three proposed locations within Commerce City.
- iii. “Parcel K Pond”: located just downstream of 88th Ave. and downstream of the DIA Tech Center property. The proposed pond will be triangular in shape and provide offline detention. David Forbes (CORE Civil) said that he would provide their current drainage/storage calculations for the DIA Tech Center property.



- **ACTION:** David Forbes (CORE Civil) to provide drainage/storage calcs for DIA Tech Center property.

- **Other Commerce City Constraints:**

- i. New crossings have been constructed at Tower Road, 96th, and 104th based on the peak flows from the 2004 OSP. Therefore, the peak flows proposed by this MDP, must be no greater than the 2004 OSP peak flows at those locations.
 - **ACTION:** Aaron Clutter (JR Engineering) to provide floodplain mapping at 104th.

5) Project Schedule

- DRAFT Alternatives Report (Detention only) – 11/3/2017
 - i. Stakeholder Review Comments – 11/17/2017
- Progress Meeting – last week November/first week December

6) Action Items

- **ACTION:** RESPEC will provide the DropBox link to the Baseline Hydrology Report
- **ACTION:** RESPEC to provide meeting map to attendees.
- **ACTION:** Aaron Clutter (JR Engineering) to provide current design drawings for the North Pond.
- **ACTION:** David Forbes (CORE Civil) to provide drainage/storage calcs for DIA Tech Center property.
- **ACTION:** Aaron Clutter (JR Engineering) to provide floodplain mapping at 104th.