

MEETING MINUTES

Baranmor Ditch Watershed OSP UDFCD Agreement No. 08-08.07 Olsson Project No. 009-0064

Progress Meeting – February 20, 2009, 9:00 AM at Urban Drainage and Flood Control District

Attendees:

Ken MacKenzie – Urban Drainage and Flood Control District (UDFCD)
Shea Thomas – Urban Drainage and Flood Control District
Bill McCormick – City of Aurora (Aurora)
Amy Gabor – Olsson Associates (Olsson)
Deb Ohlinger – Olsson Associates

Items Distributed:

- Subwatershed delineation on aerial map (draft map)
- Subwatershed delineation (draft maps)
- Soils map (draft map)
- Land use (draft map)
- Existing and future imperviousness (draft map)

Discussion Items:

The meeting was held to discuss progress of the hydrologic analysis. While this summary is not intended to represent a comprehensive account of the meeting, it is intended to reflect the key points raised and issues for further consideration and to identify the action items resulting from the discussions.

1. The culverts under Smith Road immediately west of I-225 were discussed. Bill thought that runoff east of I-225 would reach the culverts. A drainage study for the property northwest of I-225 and Smith Road shows existing culverts under the railroad tracks, which Deb and Amy did not see during their site visits. Olsson will contact Kelly Abaray with UPRR (303-974-4099, or kaabaray@up.com) for further information on the railroad culverts. Olsson will also contact Brad Richardson (303-739-7300) for 30% drainage plans for FasTracks.
2. Olsson will further investigate the watershed boundaries at the following locations:
 - Northwest of Smith Road and I-225. Olsson will contact Denver for further information regarding major storm runoff north of Smith Road to determine if overflow enters the Baranmor Ditch watershed. Bill stated that the tracks were hardened due to overflow. Additionally, Smith Road will eventually be super elevated and the entire road will need to be included in the watershed area for future conditions.

- Northeast of I-225 and I-70. The north boundary needs to be further evaluated. The area along I-70 most likely ends up in the detention pond at the I-70 and I-225 interchange. Olsson obtained drainage reports from CDOT for I-225 and I-70 on 2-19-09 and will review and incorporate changes into the watershed boundary.
 - The Peterson Subdivision (east of Chambers Road). Runoff from the northern portion of the Peterson Subdivision flows to a channel west of Chambers Road. There is also a detention pond that is planned that will discharge into the channel. Bill stated that this area most likely flows to the detention pond at I-70 and I-225. Olsson will evaluate if there is a surface water flow split at Sable Boulevard, south of I-70. Olsson confirmed a storm sewer flow split at this location.
 - The southeast boundary along Smith Road. Olsson will investigate if the borrow ditch along Smith Road is in the Baranmor Ditch watershed area.
3. The draft land uses, existing imperviousness, and future imperviousness maps were discussed. The maps are still being refined. Bill stated that there is a possibility that the area in the northeast corner of the watershed that currently shows an existing and future land use of low residential could be changed to industrial land uses. Bill will investigate this further with the planning department. The future Aurora ICE Processing Center land use and imperviousness will need to be updated to reflect the final plans. Olsson will verify the multi-family areas in the watershed.
 4. The Sand Creek floodplain was discussed. Amy will coordinate with Bill to pick up information regarding the levee east of the study area from Public Works.
 5. The drawing format was discussed. All colored documents will remain in color, but different hatch types will be added so that the areas can be distinguished in black and white copies.
 6. The website will be up within a couple of weeks. Olsson will coordinate putting a link on UDFCD's website with Derrick Schauer.
 7. Storm sewer capacity calculations were discussed. Olsson will check the GIS data for pipe slopes/inverts. If there is no slope data, then street slopes will be sufficient for analysis.
 8. Olsson will send out an e-mail in the next week or two to schedule the next progress meeting.

Action Items:

Olsson:

- Obtain 30% FasTracks drainage plans from Aurora.
- Obtain additional drainage information from Denver.
- Obtain drainage information from UPRR.
- Obtain Sand Creek floodplain information.
- Refine watershed and subwatershed boundaries.
- Finalize land use, existing, and future imperviousness maps.
- Schedule next progress meeting.

Aurora:

- Provide additional GIS information (streets, buildings and parcel lines). Olsson will coordinate with Clint Weisz.

Please contact Olsson at 720-962-6072 if there are any changes or questions with these meeting minutes. These minutes will be considered final unless comments are received within seven days of distribution. Although comments will be incorporated, as appropriate, only major revisions will be redistributed.

Minutes prepared by: Amy Gabor

cc: Attendees via e-mail
Clint Weisz
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