

PROGRESS MEETING MINUTES

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

March 25, 2009, 9:00 AM at UDFCD

Attendees:

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

Items Distributed:

- Subwatershed delineation with aerial background (draft map)
- Land use (draft map)
- Existing and future imperviousness (draft maps)
- Soils map (draft map)
- Subwatershed delineation (draft maps)
- Routing schematic (draft map)
- Updated schedule

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 project website is up and running, but the UDFCD website does not yet have a link. Deb has contacted Derrick Schauer. Shea and will follow up.
2. The area northwest of Smith Road and Interstate 225 (subwatershed 25) was discussed. There is conflicting information in different drainage reports concerning where this area drains. There are three 36" pipes under the railroad tracks that are shown as existing pipes on one of the drainage studies. These have not been found at the site and UPRR had no information on pipe crossings in this area.

A Type C inlet is located between the culverts under Smith Road and the railroad tracks. This inlet intercepts water and conveys it via storm sewer to an outlet that is further downstream in Baranmor Ditch. Site visits revealed that there is a pipe coming from the northeast that enters the Type C inlet. The location of the other end of this pipe is unknown.

Given the conflicting studies and site evidence, this area was included in the Baranmor Ditch watershed to be conservative with the flows. [After the meeting, Olsson verified that the storm sewer does outlet within the study area.]

3. Olsson investigated a possible overland split flow along East 39th Avenue. The storm sewer splits at East 39th Avenue and Sable Boulevard such that a portion of the flow outlets into the I-70 detention pond and the remaining flow outlets into Baranmor Ditch. The initial hydrology showed that the storm sewer has a large capacity and that the surface overflow is contained in the street and does not split to the I-70 detention pond.
4. CUHP and EPA SWMM 5.0 models were developed and run, and a draft report has been prepared. Olsson is starting the internal review process on these deliverables. Shea asked that the unit discharges (cfs/ac) of the oddly shaped subwatersheds be checked.
5. An initial model comparison was completed with the initial hydrology values. In the hydrology report, Olsson will present the percent differences for the overall 100-year discharges, rather than the unit discharges.
6. The initial hydrology report was discussed. Clint will look into providing Olsson with a higher resolution logo for the report cover.

For supporting documentation of the hydrology models, only CUHP input (watershed parameters) and SWMM input and output are needed in the report.

7. The project schedule was discussed. A draft hydrology report will be submitted on April 7, 2009. UDFCD and the City of Aurora's review will take three weeks. The updated schedule that was distributed only reflects one week for the draft hydrology report review. Olsson will update the schedule to reflect a three week review time. ERO is scheduled to complete the wetland riparian zone identification the week of April 6.
8. The next meeting will be scheduled when the UDFCD and City of Aurora draft Hydrology Report review comments are sent to Olsson.
9. Upon completion of the draft hydrology report, Olsson will begin the structure analysis using the City of Aurora's overtopping criteria.

Action Items:

Olsson:

- Update schedule
- Finalize and submit draft hydrology report
- Begin structure analysis

UDFCD:

- Follow up on project website UDFCD link

Aurora:

- Obtain a high resolution logo

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
Bill McCormick
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