





## PROGRESS MEETING AGENDA AND MINUTES

**Project Name:** Lafayette-Louisville Boundary OSP  
**Project No.:** 08-07.01A  
**Date:** April 21, 2009  
**Time:** 1:30 p.m.  
**Location:** City of Louisville

1. Attendance: (see attached list)
2. Project Participants: UDFCD, City of Lafayette, and City of Louisville
3. Project Schedule and Milestones: The draft Hydrology Report was submitted on February 2, 2009. We expect the Final Hydrology Report to be submitted in May.
5. Hydrology Report Comments: UDFCD and City of Louisville comments on the Hydrology Report draft were reviewed and discussed. Key discussion issues include the North End Development's northernmost basin and detention ponds, and involving Boulder County in the project review. The North End development extends up to Paschal Drive, beyond the current basin limit. Runoff from the northern part of this development drains into Hecla Reservoir, where it is retained. MWE will include this sub-watershed in the hydrology study. The North End detention ponds are not currently built per UDFCD standards. Modifying these ponds to UDFCD standards will be considered during the Phase A alternatives development phase. Boulder County is a joint owner of the Harney-Lakota Open Space and also manages the Open Space on behalf of the City of Louisville and the City of Lafayette. A copy of the Final Hydrology Report will be sent to Boulder County, and we plan to work with Boulder County throughout the development of the Phase A and Phase B reports.
6. Hydrology comparison to Drainageway A Improvements: There are significant discrepancies between the Drainageway A Improvements CLOMR hydrology and this hydrology study. The Drainageway A Improvements CLOMR calculated a significantly lower peak flow and a slower time to peak for Drainageway (DW) A-1 than both this hydrology study and the *City of Louisville/Boulder County Outfall System Plan*, by WRC, 1982. The CLOMR considered detention at Ponderosa Pond and Hunter Ridge Pond, which this study has not considered. David will look into determining the ownership of these two ponds. Additionally, Lake Park and the detention at the Middle School are not performing as they were modeled in the CLOMR. Both ponds are overtopping the emergency spillway crest during the major design storm, resulting in a high-flowrate discharge. Shea will look into the issue and advise a satisfactory resolution to finalize the hydrology study.
7. Alternatives Overview: Several key system deficiencies during the major design storm were discussed. These include DW A and DW A-2 at the Railroad and Highway 42, and DW 7 near the outfall to Coal Creek. The DW A 60-inch storm sewer was designed for the 100-year peak flowrate from the CLOMR hydrology study, which is significantly lower than the peak flowrate calculated in this study, as discussed above. The upsized storm sewer along Spruce Street in DW A-2 does not extend through the railroad, so runoff overflows to DW B at the railroad. DW B is not sized to handle the overflow from DW A-2. There is minimal freeboard to the buildings at the railroad near DW A-2, so a proposed crossing may be too deep to practically connect to DW B downstream of Highway 42. An alternative to connect DW A-2 to DW A must reflect the planned soccer fields in the Harney-Lastoka Open Space. The existing lower DW 7 ditch is significantly undersized and is of particular importance to the City of Lafayette, as there is very little freeboard to the nearby homes.
8. Next Progress Meeting: The next meeting date has not been set. We anticipate that the next meeting will take place after the Final Hydrology Report has been submitted, to discuss the Phase A alternatives development.
9. Please contact Aaron Asquith or Brooke Sullivan at McLaughlin Water Engineers in the event these progress meeting minutes need to be amended in any way at (303) 964-3333.