

- **Landuse**
 - CH2M received existing and future land use data (GIS geodatabase) from Adams County Business Solutions.
 - Using the standard imperviousness values for existing and future conditions, the existing and future values were almost identical (~72%) for the basin. Shea told CH2M to assume that existing conditions equal future conditions for the basin since the basin is completely built out.
 - ACTION: Because the basin is nearly completely built out, CH2M to only prepare a future conditions hydrologic analysis for the basin.
 - **Future Conditions:**
 - CH2M presented the data that was provided by Adams County Business Solutions as the future conditions within the basin. In order to develop imperviousness values for CUHP, the Adams County future land use designations will be equated to a comparable landuse type in the UDFCD/CUHP criteria. The assumed values for each type were presented and are as follows:
 1. Activity Center = Business: Downtown Areas
 2. Commercial = Business: Downtown Areas
 3. Industrial = Industrial: Heavy Areas
 4. Mixed Use Employment = Industrial: Heavy Areas
 5. Parks and Open Space = Parks, cemeteries
 6. Residential = Residential: Single Family (Assume 0.25 acres or less)
 - The group discussed the railroad/railyard area. It was decided that CH2M would assume the railroad land use will not be changed in the future and to designate it as railroad.
 - Russell pointed out a few other areas – notably in the northeast section of the basin – that may warrant changing the future land use type for the purposes of this hydrologic analysis. CH2M said they would provide the future land use figure for Anna and Russell to review. They will comment if there are large areas that need to be adjusted for future land use (large areas that would impact the % imperviousness of the basin).
 - ACTION: CH2M to provide the future land use figure with the meeting minutes for review by Adams County.
- **Detention Areas**
 - Discussion of existing detention within the basin.
 - The previous 54th and Pecos OSP (prepared by Hydro-Triad and dated February 1989) did not include any existing detention areas. It proposed three (3) new detention areas, but none of those have been constructed. The proposed basins were:
 - 2 private areas: SW of Franklin/58th and along the Rio Grande RR south of 58th
 - 1 Regional pond at “Retreat Park”
 - Review of the basin concluded that there are no existing detention areas. Other ponds in the area include:
 - Cat Lake – Private lake owned by Denver water.
 - Dewey Lake – has recently been filled with dirt and is no longer a lake.

- Gordon Lake – Former gravel pit that receives water from Fisher Ditch
- Copeland Lake – Private lake
- The Adams County GIS data also includes several small on-site detention ponds that will not be included in the hydrologic study. The exception are larger ponds with defined inlet and outlet structures that make a notable difference in peak flows – these will be included in the baseline hydrology. For example, Karen’s Pond was discussed as a potential larger pond to consider for inclusion.
 - ACTION: CH2M to prepare rating curves for the larger detention ponds and incorporate those that impact the baseline hydrology.
- Inadvertent detention: CH2M is currently assuming that no significant inadvertent detention exists within the basin. The group discussed the significant inadvertent detention that is occurring at the railyard in the Globeville/Utah Junction OSP. This area appears to be outside of the 54th/Pecos boundary and will likely not impact the study. However, if CH2M discovers there is significant inadvertent detention within the basin, then they will let the stakeholders review and comment prior to incorporating into the final baseline hydrology model.
- **Schedule:**
 - Baseline Hydrology Report will be submitted to the stakeholders for review by the end of 2016.
 - Stakeholders will review and comment on the report (3 week review period).
 - Team will meet again in late January 2017 to discuss the review comments.

Action Items

1. ACTION: CH2M to not include the 58th Avenue, 54th Avenue, and Heron Pond Outfalls in this OSP. Therefore, the new southern basin boundary of this study runs roughly along 58th Avenue rather than 54th Avenue.
2. ACTION: Shea to contact Xcel Energy and get the new pipe size under the railroad tracks.
3. ACTION: CH2M to revise the western drainage basin boundary as discussed.
4. ACTION: CH2M to assume Type C soils for areas not mapped by NRCS.
5. ACTION: CH2M will use the adjacent soil type for NRCS areas designated as “AED”.
6. ACTION: Because the basin is nearly completely built out, CH2M to only prepare a future conditions hydrologic analysis for the basin.
7. ACTION: CH2M to provide the future land use figure with the meeting minutes for review by Adams County.
8. ACTION: CH2M to prepare rating curves for the larger detention ponds and incorporate those that impact the baseline hydrology.