

2010 DRDC Drainage Subcommittee Report

Annual DRDC Meeting: 2010

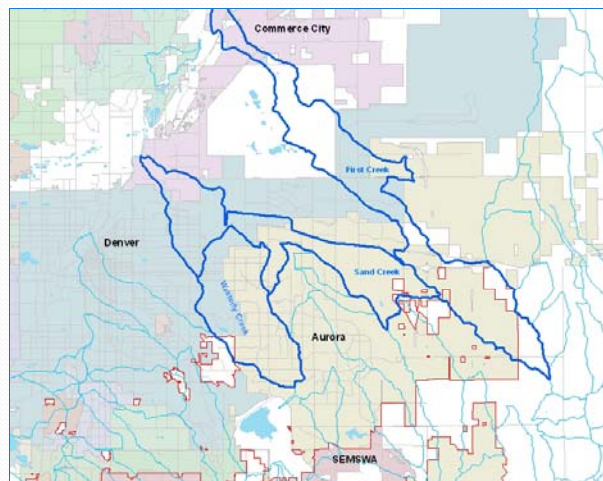
What & Who We Are

- Drainage Subcommittee
 - What: Streams, Watersheds, Stormwater, and Floodplains
 - Who:
 - Andy Kuster (SEMSWA), Subcommittee Chair
 - Paul Tessar (City & County of Denver)
 - Frank Kemme (City & County of Denver)
 - Julia Bailey (UDFCD) – Replaces Chad Kudym (UDFCD)
 - Chris Brown (State of Colorado)
 - Robin Reilley (DRCOG)
 - Greg Bryant (Denver Water)
 - Larry Rector (City of Aurora)
 - Monthly meetings held at DRCOG and UDFCD

2009 Goals / Accomplishments

- Established group goals & direction
 - To provide a model or environment which can be utilized by other entities beginning to develop drainage related GIS data.
 - To provide a data sharing / cooperative environment that works toward regional drainage related GIS datasets.
 - To conduct projects and studies utilizing drainage GIS data, including uses, technical issues, recommendations, and various base data sources.
- Facilitated data sharing/cooperation environment (layers, data models, practices, etc...)
- Initiated Pilot Project analyzing watershed basins and edge-matching issues among jurisdictions, as well as NHD feasibility.
- Conducting a survey (in progress)
- Monthly Meeting Topics
 - Goals/Objectives
 - Existing data and uses
 - City & County of Denver Presentation – GDB Model
 - NHD, Twin Cities
 - Drainage basin comparison
 - Pilot Project
 - Outreach

Pilot Project Map



Preliminary Findings

- Typical data challenges – various levels of data accuracy, data structures, sources, and formats.
- Topology and GIS representations must be homogenized
- Potential issues incorporating stormwater data (drainage linework) into NHD?



2010 Goals

- Finish Pilot Project / Report
- Summarize Survey Results
- Further watershed / basin -> NHD effort (update 12 digit HUC lines with more accurate data)
- Develop drainageway data (individually or collectively)
- Regional watershed layer utilizing stormwater?
- Regional stream layer utilizing stormwater?
- Continue exploring LIDAR
- Continue outreach – Broaden membership

Contact

- For questions and/or membership info, please contact:

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- For Drainage Survey request, please see sign up sheet or contact Andy or Robin. Thanks.