CDC Update Study Overview

- **Hydrology**
  - Land use updates
  - Valley storage updates from river hydraulics
  - Conversion and comparison of HEC-1 to HMS
  - Design storms

- **River Hydraulics**
  - Incorporate constructed and permitted projects into river hydraulic models
  - Incorporate HEC-2 storage model into HEC-RAS model
  - Describe the impacts of constructed developments on WS elevations and storages
  - Provides storages for input into hydrology model

- **Internal, FMTF, & Vertical Team Reviews**
Denton Creek Addition

- **Hydrology**
  - 2055 Future land use
  - DCLID storage data (where available)
  - Valley storage updates from river hydraulics model

- **River Hydraulics**
  - Incorporate 1 constructed projects into river hydraulic models
  - Provides storages for input into hydrology model
  - Georeferenced

- **Internal, FMTF, & Vertical Team Reviews**
Moving Forward / Next Steps

- FMTF Acceptance
- Steering Committee Approval
- CDC manual Revisions
- 01 January 2014 implementation?
- Continued work in implementing regional stormwater management
CDC Update Fact Sheet

- ROD – 1988
- CDC Program established 1991
- 4th Edition being revised
- Effective at limiting loss of valley storage
- Q’s and WSE’s increased due to U/S development
- Need for regional stormwater management
- Need to restudy urban curve methodology
  - Requires additional stream gages
- 01 January 2014 implementation
- Grandfathering of projects with active CDC application
Questions / Comments