



UDFCD Volume III Decision Support System (TAC) Meeting

2480 West 26th Avenue, Suite 156-B, Denver, CO 80211

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Lunch Provided

DATE: January 20, 2009

TIME: 12-2 pm

SUBJECT: DSS Meeting Agenda

The DSS committee (TAC) has been formed to develop a decision matrix to promote better implementation of runoff reduction practices as part of the BMP selection process at developments. Please review and be familiar with Vol 3 Chapters 1 and 2 and the current decision matrix – Figure ND-8. Other diagrams include Chapter 1 (SQ) Figures and Figs ND1-7 in Chapter 2.

Agenda:

1. Introductions – Name/organization
2. Review [Draft DSS](#)
 - Purpose of DSS: why is change from the current approach needed?
 - Iterative process to reduce impervious area and EURV
 - Different process train for highly urban density vs low density urban and suburban density
3. Discuss the draft DSS and additional/supplemental drawings and diagrams
4. Other DSS aspects

Summary Points:

- DSS should be useful for 2 audiences: site planners and engineers
- Separate Draft DSS flow chart into 3 pages:
 - Page 1 explains the initial site planning considerations and process
 - Page 2 is the decision tree and BMPs for highly urban (lot line to lot line) development
 - Page 3 is the decision tree and BMPs for low density urban and suburban development
- Add land use, soils, depth to bedrock and groundwater and recommend BMPs according to conditions
- Differentiate Flood control, channel protection and water quality BMPs
- Associate range of WQCV, EURV, or peak flow detention credit with the BMP choices
- Develop multiple DSS materials: brochure, flow chart, spreadsheet
- Municipalities in attendance favored an “emerging technology” section in Vol 3 to include BMPs such as green roof, proprietary BMPs, porous asphalt and concrete
- Regulators have to regulate or incentivize change
- Pilot projects, recommendations for emerging technologies and testing protocols are helpful for local government
- Commercial areas are the best places to test emerging BMPs – high visibility and more likely to have maintenance and monitoring program.
- Ken Mackenzie assigned homework for the DSS – Read Implementation Guidelines (Denver Water Quality Manual) [Implementation Guidelines \(Denver Water Quality Manual\)](#)