

Master Planning Program Notes

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Planning Projects

Only one planning project was completed in 2002; 20 projects are in progress; and we hope to begin 3 in 2003. The planning activities with our city and county partners continue to be quite active. We now have a total of over 110 watershed-level major drainageway and outfall system plans in our inventory and we will be adding quite a few in the next couple of years. These master plans guide the District's capital program and land development activities by the cities and counties.

Criteria Manual Updates

Several updates and corrections were issued to all three volumes of the *Urban Storm Drainage Criteria Manual (Manual)* in 2003. Some were quite extensive. For example, the entire Structural BMPs chapter of Volume 3 was updated to adjust recommendations for the details of several BMPs that were necessitated by the feedback we were getting for the field and our own observations. The updated details are an improvement over the old ones. Another major revision was in the storm sewer design protocols. We revised the *Manual* to be in full agreement with the NeoUDSEWER software.

All revisions and updates for Volumes 1 and 2 are posted under www.udfcd.org/usdcm/vol1&2.htm for downloading. We urge everyone who has our *Manual* to do so, and replace the outdated pages in the document you own. Volume 3 of the manual can now be downloaded from www.udfcd.org/usdcm/vol3.htm in full. The entire volume, dealing with water quality and BMPs, is being offered to the public for free in electronic form. We will no longer be offering this volume in printed form and suggest all owners (old and new) visit our web site to download the latest versions of each chapter. We will continue to update our *Manual* as we learn more about the technologies we recommend or national and state policies, rules and regulations require such changes.

STATUS OF PLANNING PROJECTS

Project	Sponsor(s)	Consultant	Status
Lower First Cr. OSP Update	Adams County, Commerce City, Brighton	Turner Collie & Braden	Completed in 02
Basin 4100, DFA 0054 & 0056 Update	Thornton & Adams Co.	Kiowa	Completed in 02
Broomfield & Vicinity MP Update	Broomfield & Westminster	Kiowa	95% Complete
Oak Gulch & Stroh Ranch	Parker & Douglas Co.	Knight Piésold	95% Complete
Plum Creek OSP - FHAD	Douglas Co.	WRC	90% Complete
Horse Creek OSP	Adams County & Aurora	n/a	85% Complete
Unnamed Tributary to W. Toll Gate Creek	Arapahoe Co., ECCV & Aurora	Kiowa	80% Complete
Todd Creek & DFA0052	Adams Co. & Thornton	Kiowa	75% Complete
Four Mile Canyon & Wonderland Cr. Updates	Boulder.	Love & Associates	75% Complete
Upper Piney Cr. & Tribs	Aurora	Olsson Assoc	70% Complete
NE Sheridan OSP	City of Sheridan	Moser Assoc.	65% Complete
Applewood OSP	Jefferson Co.	Kiowa	60% Complete
RMA 815 & Adj. Areas	Commerce City, Adams Co.	Love & Assoc.	60% Complete
Second Creek (Lower) MP Update	Adams Co., Brighton & Commerce City	Kiowa	50% Complete
Fairmount Area OSP	Jefferson Co., Golden	Moser Assoc.	50% Complete
Denver High Line Canal Marcy G. to Mississippi Av	Denver WD & WMD, Greenwood Village, S. Suburban Park & Rec. Dist. Littleton, Cherry Hills Village, Arapahoe Co.	WRC	50% Complete
Cherry Creek MDP u/s of Cherry Cr. Reservoir	Parker, Douglas Co., Arapahoe Co.	URS	50% Complete
Rocky Mountain Ditch	Denver	HDR	50% Complete
Kinney Cr & Fonder Draw	Douglas Co.	n/a	Mapping Started
Third Creek (Lower) MP Updates	Adams Co., Commerce City, Brighton	n/a	Mapping Started
Lower Brantner Gulch	Adams County, Thornton	n/a	Mapping Started
White Gulch OSP	Arvada	n/a	Start in 03
Lemon Gulch OSP	Douglas County	n/a	Start in 03
Massey Draw & SJDC(S)	Jefferson Co., Arapahoe Co.	n/a	Start in 03

Another important part of the *Manual* is the software and spreadsheets that support the technical requirements and recommended calculations of drainage and flood control facilities. All of these are also updated on a regular basis and we urge you to check our web site for the latest versions for free downloads. As you have yourself experienced, the technology is evolving rapidly and the only way we can make our latest updates available to everyone is through this form of distribution. So, do not assume you have the latest recommendations or criteria. Check our web site at www.udfcd.org to make sure you do.

District's Software

We now have a more stable version of the *CUHP* and *UDSWM* software for

downloading. In addition, *UDPOND* and *NeoUDSEWER*, both coded in Visual Basic, may also be downloaded. Both have been totally rewritten by Michael O'Brian with the help and guidance of John O'Brian and Prof. James C.Y. Guo. At this time we are working at developing a graphical interface for the preparation of inputs for the current *UDSWM* package. In addition, we hope to have the entire *UDSWM* and *CUHP* packages rewritten in VB.NET in 2003 as a combined software package that will be windows compliant and network capable. In time we hope to integrate the *CUHP* and *UDSWM* into a single package with a continuous simulation option.