

Master Planning Program Update



Willow Creek, Little Dry Creek, and Greenwood Gulch Outfall Systems Planning Study

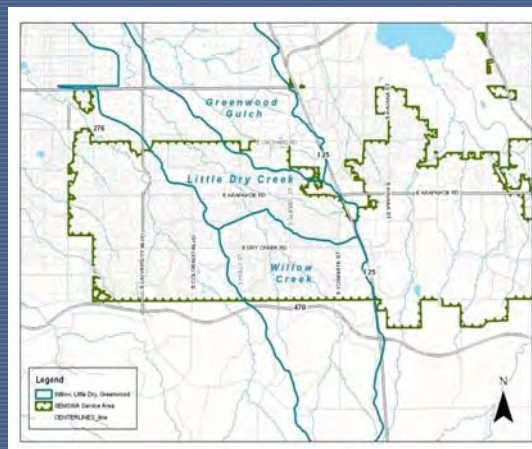
Planning Report
February 2010

Prepared for:
Douglas County
Prepared by:
S&B Associates, Inc.
9101 South Jamaica Street
Englewood, CO 80112-8548



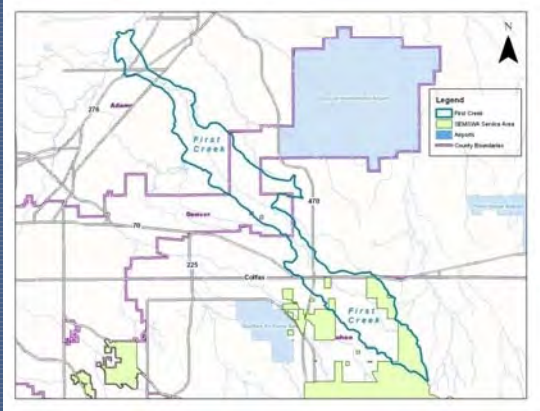
Willow Creek, Little Dry Creek, and Greenwood Gulch

- ▲ **Conceptual Design Report is FINAL**
- ▲ **Final Public Meeting – February 3 – GREAT ATTENDANCE**
- ▲ **City needs to adopt**
- ▲ **UDFCD has decided to add a FHAD for Willow Creek to this project.**



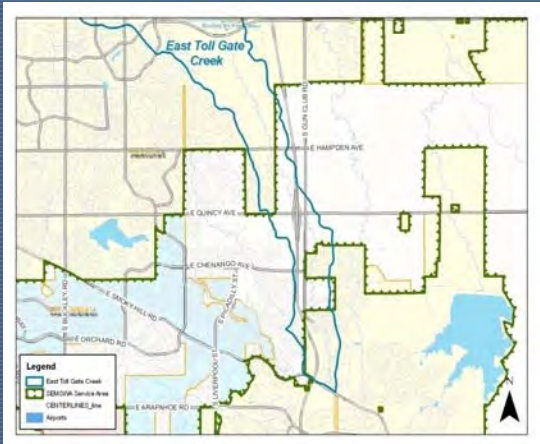
**Draft
Conceptual
Design Report
should be out
for review
soon.**


First Creek



- ♦ **Selected Plan comments due April 7**
- ♦ **Public Meeting – March 11 – 4 residents attended**
- ♦ **Lowry Land Trust and Xcel Energy have been invited to comment**

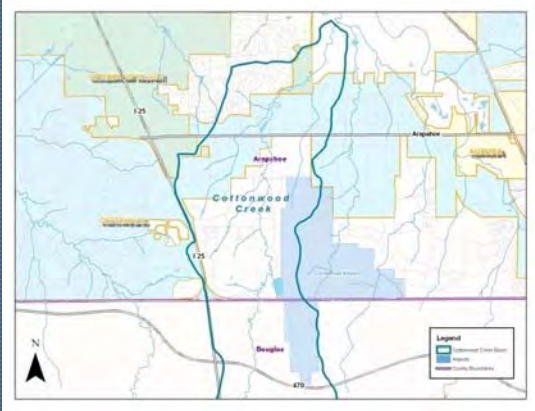
Upper East Tollgate Creek






- 💧 **Final Progress Meeting – March 16**
- 💧 **Meridian in attendance**
- 💧 **Kick off meeting for the Flood Hazard Area Delineation Study – March 16**

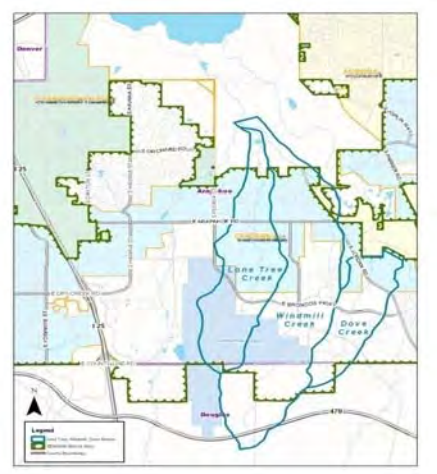
Lower Cottonwood Creek





- 💧 **Final Conceptual Design Report Meeting - March 15**
- 💧 **Public Meeting to present Selected Plan – March 23**

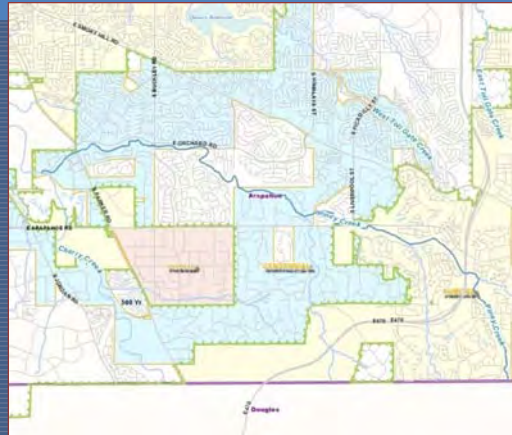
Lone Tree, Windmill, and Dove



New Master Plans and FHADs for 2010

Piney Creek Outfall Systems Plan and FHAD

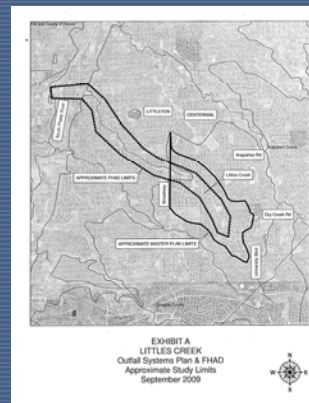
- 💧 **Interviews - March 2**
- 💧 **Consultant Selected - WRC**
- 💧 **Next step - Kickoff Meeting**



New Master Plans and FHADs for 2010

Little's Creek (upstream of Broadway) MDP and FHAD

- 💧 **Next Step - Interviews Planned for 1st week of April**
- 💧 **Includes 2 CIP projects planned for 2010**



New Master Plans and FHADs for 2010

West Toll Gate Creek MDP and FHAD

**Won't begin
consultant selection
until late this year**

Floodplain Management Program Update

National Flood Insurance Program (NFIP) Projects

DFIRMs – Digital Flood Insurance Rate Maps

Plan to be Effective December 2010/January 2011



National Flood Insurance Program (NFIP) Projects

Community Rating System (CRS)

- ❖ **Cannot get a higher rating until a BCEGS Rating of 6 or better is achieved**
- ❖ **Will revisit this issue after the DFIRMs become effective**

BUILDING CODE EFFECTIVENESS GRADING SCHEDULE (BCEGS®)

Building codes without enforcement are like buildings without foundations

Maintain your community's quality of life with ISO's BCEGS program.

Building-code enforcement can have a major influence on the economic well-being of a municipality and the safety of its citizens. Municipalities that adopt up-to-date, unamended codes — and rigorously enforce them using a sufficient number of trained and certified code-enforcement professionals — minimize damage from natural hazards, fire, and other perils, ultimately reducing insurance costs.

How can you determine the effectiveness of code enforcement in your community?

Building Code Effectiveness Grading Schedule (BCEGS®)

ISO's comprehensive technical, rating, and advisory program is the same for everyone. It assigns the BCEGS® program. BCEGS® is an evaluation system that has earned buildings a minimum of 10,000 points. The ISO's annual ISO 3300 Building Code Effectiveness Grading Schedule (BCEGS®) is a comprehensive evaluation of a municipality's building code adoption and enforcement practices. The system has been used by municipalities in Building Code Effectiveness Grading Schedule (BCEGS®) from 1 to 10 for both commercial and residential construction. (See 1) comprehensive report on your commitment to building code enforcement. There are two levels of certification in your program: either the building is awarded a rating that is at least the lowest risk rating.

State of Colorado Proposed Updated Rules and Regulations

DEPARTMENT OF NATURAL RESOURCES
COLORADO WATER CONSERVATION BOARD

RULES AND REGULATIONS FOR REGULATORY FLOODPLAINS IN COLORADO

DRAFT March 2010
(Proposed Effective Date - July 2010)



- ♦ **Propose 0.5 ft floodway – City and County already meet with criteria**
- ♦ **Propose 1 ft of freeboard for construction in the floodplain – City and County require 2 ft of free board**
- ♦ **New or substantially improved critical facilities be out or have dry access to during the 500-year flood event – SEMSWA will comment on the definition of critical facilities and requirement of dry access with input from the City and the County**

New Floodplain Development Permit

**Revised
Floodplain
Development
Permit is
now
available for
the City**

SOUTHEAST METRO STORMWATER AUTHORITY (SEMSWA)		City of Greenwood	
FLOODPLAIN DEVELOPMENT PERMIT (FPDP)			
For the City of Greenwood			
SECTION 2 through 4 to be filled out by Applicant			
Section 1: Project (Permit/Task) Information			
One-to-One Meeting Notes:			
FPDP Subject to Date:			
Project Name:			
Project Number:			
SEMSWA Case No.:			
City Case No.:			
FEMA Case No.:			
Section 2: Applicant Information			
Owner's Name:		Telephone No.:	
Address:		Contact:	
Engineer's Name:		Telephone No.:	
Address:		Contact:	
Contractor Information: Name:		Telephone No.:	
Address:		Contact:	
Section 3: Project Information			
Project Location:		Parcel I.D. No.:	
Project Type:		Extent:	
Channel Improvements		Recreational Activity	
<input type="checkbox"/> Bank	<input type="checkbox"/> Outfall	<input type="checkbox"/> Trail	<input type="checkbox"/> Park
<input type="checkbox"/> Rehabilitation	<input type="checkbox"/> Fill	<input type="checkbox"/> Construction	<input type="checkbox"/> Bridge
<input type="checkbox"/> Grade Control	<input type="checkbox"/> Pedestrian Bridge	<input type="checkbox"/> Playground	<input type="checkbox"/> Low Water Crossing
<input type="checkbox"/> Drop Structure	<input type="checkbox"/> Common Area	<input type="checkbox"/> Ball Field	<input type="checkbox"/> Parking Lot
<input type="checkbox"/> Other	<input type="checkbox"/> Other	<input type="checkbox"/> Substantial Area Improvement (>50%)	<input type="checkbox"/> Pipe Install/Utility
Type: <input type="checkbox"/> Temporary <input type="checkbox"/> Permanent <input type="checkbox"/> Rehabilitation <input type="checkbox"/> Emergency Repair <input type="checkbox"/> Maintenance <input type="checkbox"/> Other			
Description of Project, including impact to floodplain:			
Section 4: Floodplain Information			
Floodway Elevation:		Date:	
FEMA FIRM Panel No.:		FEMA Source:	
Floodplain Designation Source:		<input type="checkbox"/> FEMA <input type="checkbox"/> DFCO	
<input type="checkbox"/> Other (explain):			
FEMA Zone(s):		<input type="checkbox"/> A <input type="checkbox"/> AE <input type="checkbox"/> AH <input type="checkbox"/> AG <input type="checkbox"/> AR <input type="checkbox"/> X <input type="checkbox"/> S <input type="checkbox"/> B <input type="checkbox"/> D	
Regulatory Floodway:		<input type="checkbox"/> Yes <input type="checkbox"/> No	

SEMSWA Floodplain Education Brochures

- 💧 One for homeowners
- 💧 One for “contractors” e.g. landscapers
- 💧 Available at the City, County and SEMSWA
- 💧 Given to State, UDFCD, and CRS committee

