



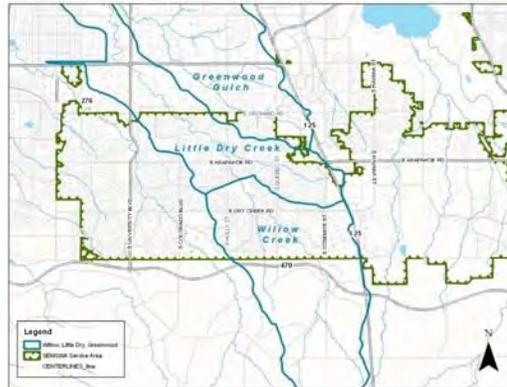
Dutch Creek, Lilley Gulch, Coon Creek, Three Lakes Tributary

- ◆ Completed in December 2008
- ◆ Adopted by UDFCD
- ◆ Adopted by CWCB (Colo. Water Conservation Board)
- ◆ **Has not been adopted by BOCC to date**
- ◆ Initiated discussion with County on adoption process

The map displays the watershed area for Dutch Creek, Lilley Gulch, Coon Creek, and Three Lakes Tributary. The watershed boundary is highlighted in green. The map includes labels for Coon Creek, Dutch Creek, Lilley Gulch, and Three Lakes Tributary. A legend in the bottom left corner identifies the watershed boundary, the Three Lakes Tributary, and the County Boundary. A north arrow is located in the bottom right corner.

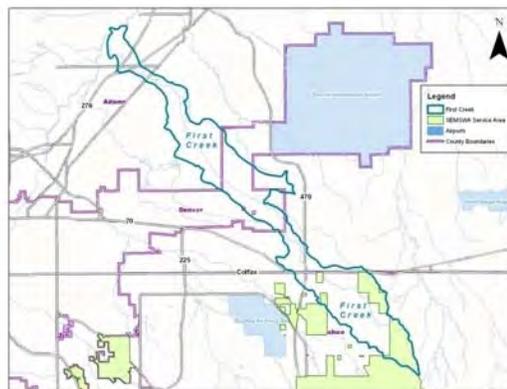
Willow Creek, Little Dry Creek, and Greenwood Gulch

- ◆ Outfall Systems Planning Study
- ◆ Sponsors: UDFCD, **SEMSWA**, City of Lone Tree, Greenwood Village, Douglas County and South Suburban Parks and Recreation
- ◆ Additional Stakeholders: City of Centennial
- ◆ Consultant: CH2M Hill
- ◆ **Hydrology Final - October 2008**
- ◆ Final Alternatives Report due this month
- ◆ **Next Step - Selected Plan of Improvements**
- ◆ **Final Public Meeting - to introduce Selected Plan**



First Creek

- ◆ Major Drainageway Planning and Flood Hazard Area Delineation Reports
- ◆ Sponsors: UDFCD, City of Aurora and the City and County of Denver
- ◆ Additional Stakeholders: Aurora Water, **SEMSWA**, Arapahoe County, Oakwood Homes and Stantec
- ◆ Consultant: Moser and Associates Engineering
- ◆ **NEW Draft Baseline Hydrology Report submitted and commented on April 2009**
- ◆ Next progress meeting - June 1



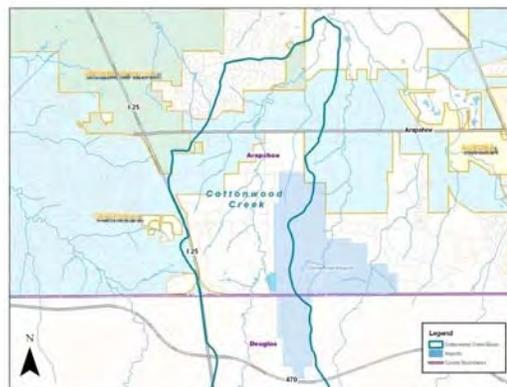
Upper East Tollgate Creek

- ◆ Major Drainageway Planning and Flood Hazard Area Delineation Reports
- ◆ Project Sponsors: UDFCD, Aurora, **SEMSWA**
- ◆ Additional Stakeholders: None
- ◆ Consultant: **J3 Engineering Consultants**
- ◆ Draft Hydrology Report submitted and commented on – May 5



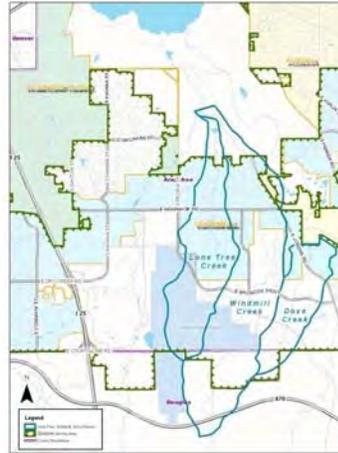
Lower Cottonwood Creek

- ◆ Outfall Systems Plan Update to the 1991 plan
- ◆ Sponsors are: UDFCD and **SEMSWA**
- ◆ Consultant: Muller Engineering
- ◆ Additional Stakeholders are: Arapahoe County, Greenwood Village, City of Centennial, City of Lone Tree, Inverness Metro District, Douglas County and the Cherry Creek Water Quality Authority (CCWQA)
- ◆ **Hydrology Final – March 2009**
- ◆ Final Alternatives Report due this month.
- ◆ **Next Step – Selected Plan of Improvements**
- ◆ **Public Meeting – to introduce Selected Plan**



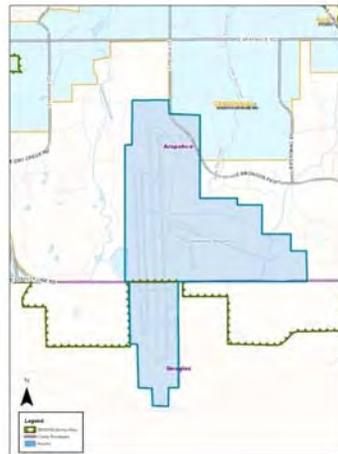
Lone Tree, Windmill, and Dove

- ◆ Master Drainageway Planning and Flood Hazard Delineation Reports
- ◆ Sponsors: UDFCD, **SEMSWA** and Douglas County
- ◆ Additional Stakeholders: Arapahoe County, City of Aurora, Aurora Water, WWE (ACWWA), WRC Engineering (ACWWA), Cherry Creek Basin Water Quality Authority and Centennial Airport
- ◆ Consultant: Icon Engineering
- ◆ **Hydrology Final - February 2009**
- ◆ **Alternatives Analysis Memo and FHAD submitted for review May 4, 2009**



Centennial Airport Drainage Master Plan Report

- ◆ Sponsor: Centennial Airport
- ◆ Consultant: CH2M Hill
- ◆ Additional Stakeholders: **SEMSWA**, Arapahoe County, ACWWA and Douglas County
- ◆ **NEW Draft Report Submitted to the Airport in April 2009 - SEMSWA commented May 11, 2009**



National Flood Insurance Program (NFIP) Projects

DFIRMs – Digital Flood Insurance Rate Maps

- ◆ Maps delivered & under review
- ◆ Maps effective late 2009



Existing Firm

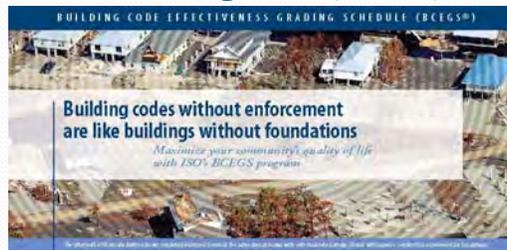


DFIRM Update

National Flood Insurance Program (NFIP) Projects

Community Rating System (CRS)

- ◆ Baker on board to have the City of Centennial be a CRS Community by mid 2009
- ◆ Plan to increase discount to at least 15% (from rating of 8 to 7) for both communities by mid 2009 – cannot be done without a Building Code Effectiveness Grading Schedule (BCEGS) rating of 6/6 (residential/commercial) or better.
- ◆ **Both the City and the County do not want to pursue a BCEGS rating at this time.**



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, fires 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 independent structural, zoning and advisory organization that serves the insurance industry, administers the BCEGS program. BCEGS is an evaluation system that has promoted building-code enforcement for more than 20 years in more than 100 municipalities. Since 1975, several ISO field organizations have worked cooperatively to collect and collate information on building-code adoption and enforcement practices. We analyze that data and assign each municipality a Building Code Effectiveness Classification from 1 to 10 for both residential and commercial categories. Class 1 municipalities represent strong enforcement of building-code enforcement. In order to see the classification in your jurisdiction, contact the building department to understand their status on the latest code version.

Current Projects with Significant Floodplain Issues

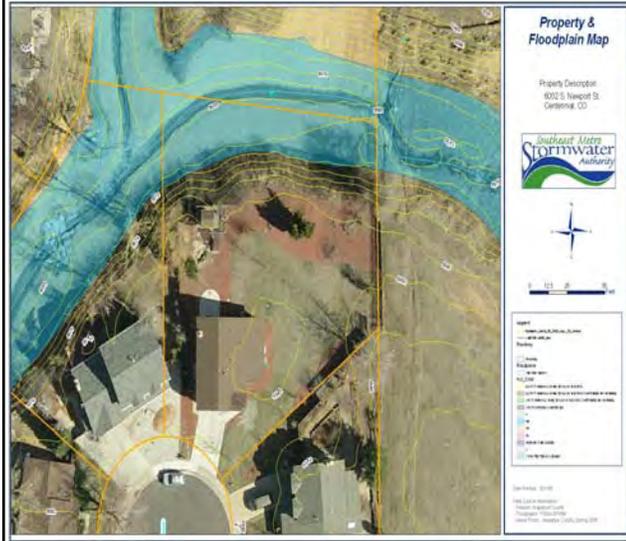
- ◆ Piney Creek Ranches – City of Centennial
- ◆ Tagawa Access Road and Trailhead – City of Centennial
- ◆ Vermillion Creek – City of Centennial
- ◆ Cottonwood Creek Stabilization Project – Arapahoe County
- ◆ Valley Country Club – Arapahoe County
- ◆ Walbash Bridge - Arapahoe County – CLOMR accepted
- ◆ Little Dry Creek at Arapahoe Road Crossing – City of Centennial – CLOMR accepted

Floodplain Development Permits

- ◆ Currently 20 permits in process
- ◆ 6 Permits issued this year to date
- ◆ **Revised Floodplain Development Permit will be available on-line for the City by end of this month**

SOUTH EAST METRO STORMWATER AUTHORITY (SEMSWA)		City of Centennial	
FLOODPLAIN DEVELOPMENT PERMIT (FPDP) for the City of Centennial S.E.M.S.W.A.			
Section 1 through 4 to be filled out by Applicant			
Section 1: Project (Permit/Back) Information			
Per-Submittal Meeting Date: _____			
FPDP Submittal Date: _____			
Project Name: _____			
Project Number: _____			
SEMSWA Case No.: _____			
City Case No.: _____			
FEMA Case No.: _____			
Section 2: Applicant Information			
Owner's Name: _____	Telephone No.: _____	Contact: _____	
Address: _____	Engineer's Name: _____	Telephone No.: _____	
Address: _____	Contact: _____	Telephone No.: _____	
Contractor Information: Name: _____	Telephone No.: _____	Contact: _____	
Address: _____	Contact: _____		
Section 3: Project Information			
Project Location: _____	Parcel I.D. No.: _____	Extent: _____	
Project Type: _____			
Channel Improvements		Recreational Activity	
<input type="checkbox"/> Bank Stabilization	<input type="checkbox"/> Overfall	<input type="checkbox"/> Trail Construction	<input type="checkbox"/> Park
<input type="checkbox"/> Grace Control	<input type="checkbox"/> Fill	<input type="checkbox"/> Pedestrian Bridge	<input type="checkbox"/> Playground
<input type="checkbox"/> Drop Structure		<input type="checkbox"/> Common Area	<input type="checkbox"/> Ball Field
<input type="checkbox"/> Other _____	<input type="checkbox"/> Other _____	<input type="checkbox"/> Other _____	<input type="checkbox"/> Other _____
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			
Floodplain Source: _____			
FEMA FEMA Panel No.: _____ Date: _____			
Floodplain Designation Source: <input type="checkbox"/> FEMA <input type="checkbox"/> LUD/CD			
Other (explain): _____			
FEMA Zone(s): <input type="checkbox"/> A <input type="checkbox"/> AE <input type="checkbox"/> AH <input type="checkbox"/> AO <input type="checkbox"/> AR <input type="checkbox"/> AR1 <input type="checkbox"/> AR2 <input type="checkbox"/> AR3 <input type="checkbox"/> AR4 <input type="checkbox"/> AR5 <input type="checkbox"/> AR6 <input type="checkbox"/> AR7 <input type="checkbox"/> AR8 <input type="checkbox"/> AR9 <input type="checkbox"/> AR10 <input type="checkbox"/> AR11 <input type="checkbox"/> AR12 <input type="checkbox"/> AR13 <input type="checkbox"/> AR14 <input type="checkbox"/> AR15 <input type="checkbox"/> AR16 <input type="checkbox"/> AR17 <input type="checkbox"/> AR18 <input type="checkbox"/> AR19 <input type="checkbox"/> AR20 <input type="checkbox"/> AR21 <input type="checkbox"/> AR22 <input type="checkbox"/> AR23 <input type="checkbox"/> AR24 <input type="checkbox"/> AR25 <input type="checkbox"/> AR26 <input type="checkbox"/> AR27 <input type="checkbox"/> AR28 <input type="checkbox"/> AR29 <input type="checkbox"/> AR30 <input type="checkbox"/> AR31 <input type="checkbox"/> AR32 <input type="checkbox"/> AR33 <input type="checkbox"/> AR34 <input type="checkbox"/> AR35 <input type="checkbox"/> AR36 <input type="checkbox"/> AR37 <input type="checkbox"/> AR38 <input type="checkbox"/> AR39 <input type="checkbox"/> AR40 <input type="checkbox"/> AR41 <input type="checkbox"/> AR42 <input type="checkbox"/> AR43 <input type="checkbox"/> AR44 <input type="checkbox"/> AR45 <input type="checkbox"/> AR46 <input type="checkbox"/> AR47 <input type="checkbox"/> AR48 <input type="checkbox"/> AR49 <input type="checkbox"/> AR50 <input type="checkbox"/> AR51 <input type="checkbox"/> AR52 <input type="checkbox"/> AR53 <input type="checkbox"/> AR54 <input type="checkbox"/> AR55 <input type="checkbox"/> AR56 <input type="checkbox"/> AR57 <input type="checkbox"/> AR58 <input type="checkbox"/> AR59 <input type="checkbox"/> AR60 <input type="checkbox"/> AR61 <input type="checkbox"/> AR62 <input type="checkbox"/> AR63 <input type="checkbox"/> AR64 <input type="checkbox"/> AR65 <input type="checkbox"/> AR66 <input type="checkbox"/> AR67 <input type="checkbox"/> AR68 <input type="checkbox"/> AR69 <input type="checkbox"/> AR70 <input type="checkbox"/> AR71 <input type="checkbox"/> AR72 <input type="checkbox"/> AR73 <input type="checkbox"/> AR74 <input type="checkbox"/> AR75 <input type="checkbox"/> AR76 <input type="checkbox"/> AR77 <input type="checkbox"/> AR78 <input type="checkbox"/> AR79 <input type="checkbox"/> AR80 <input type="checkbox"/> AR81 <input type="checkbox"/> AR82 <input type="checkbox"/> AR83 <input type="checkbox"/> AR84 <input type="checkbox"/> AR85 <input type="checkbox"/> AR86 <input type="checkbox"/> AR87 <input type="checkbox"/> AR88 <input type="checkbox"/> AR89 <input type="checkbox"/> AR90 <input type="checkbox"/> AR91 <input type="checkbox"/> AR92 <input type="checkbox"/> AR93 <input type="checkbox"/> AR94 <input type="checkbox"/> AR95 <input type="checkbox"/> AR96 <input type="checkbox"/> AR97 <input type="checkbox"/> AR98 <input type="checkbox"/> AR99 <input type="checkbox"/> AR100			
Regulatory Floodway: <input type="checkbox"/> Yes <input type="checkbox"/> No			

Floodplain Limit Inquiries



- 10 general inquiries completed to date in 2009
- 0 reviews completed for Arapahoe County's or City's Building Department to date in 2009