

**Master Planning
Program**

**OCTOBER 2012
UPDATE**



The logo for Southeast Metro Stormwater Authority features the text "Southeast Metro Stormwater Authority" in a blue serif font, with "Southeast Metro" in a smaller green font above "Stormwater". A stylized blue and green wave graphic is positioned below the text.

**Master Planning
Program**

**PLANS RECENTLY
COMPLETED**



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Piney and Antelope Creeks

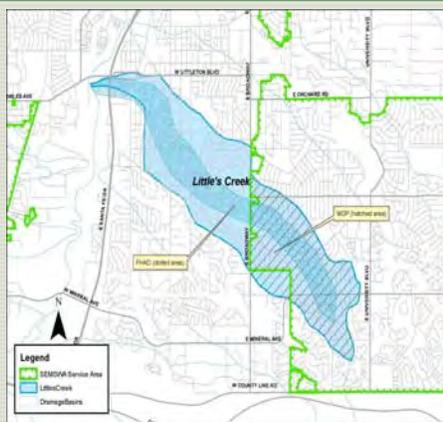
Major Drainageway Plan (MDP) and Flood Hazard Area Delineation Study (FHAD)



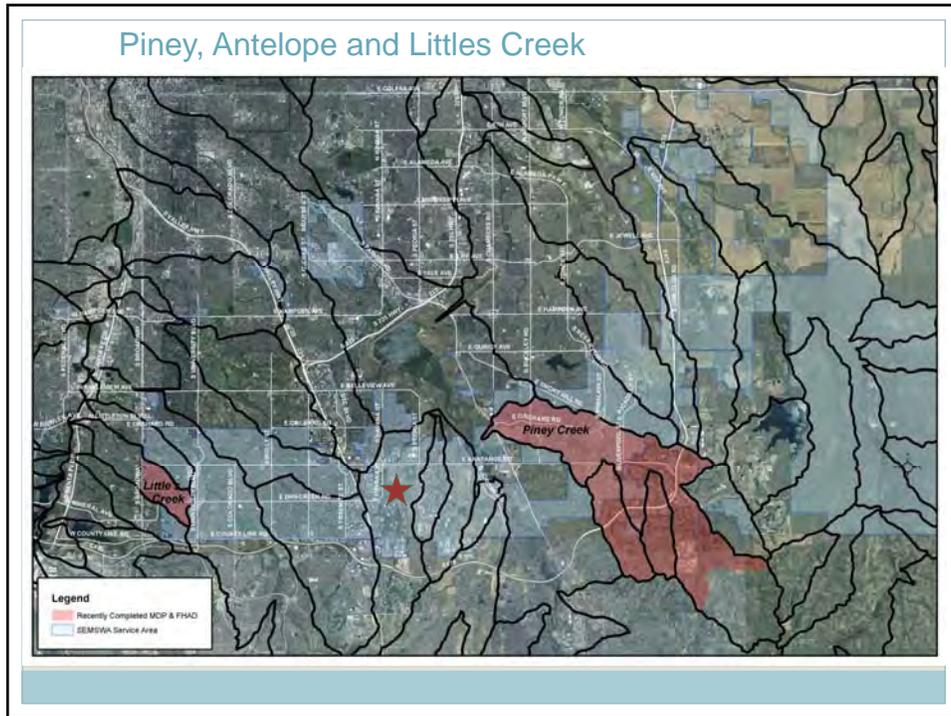
- ◆ FHAD adopted by UDFCD on 12/15/11
- ◆ MDP adopted by UDFCD on 3/15/12
- ◆ MDP adopted by the City 5/14/12
- ◆ FHAD sent to FEMA this year~effective next year

Little's Creek (upstream of Broadway)

MDP and FHAD



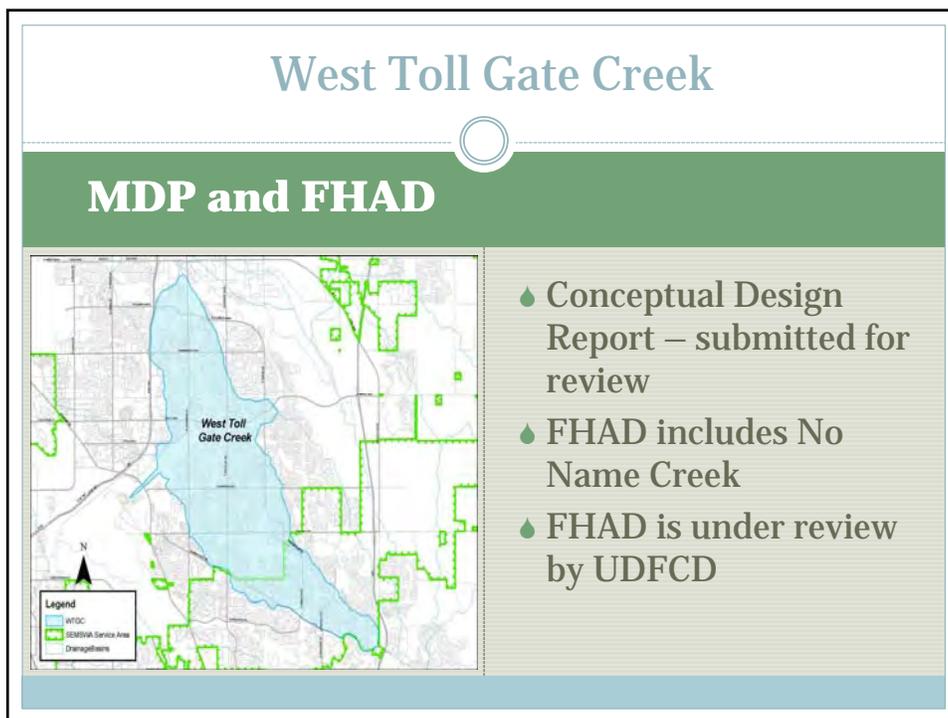
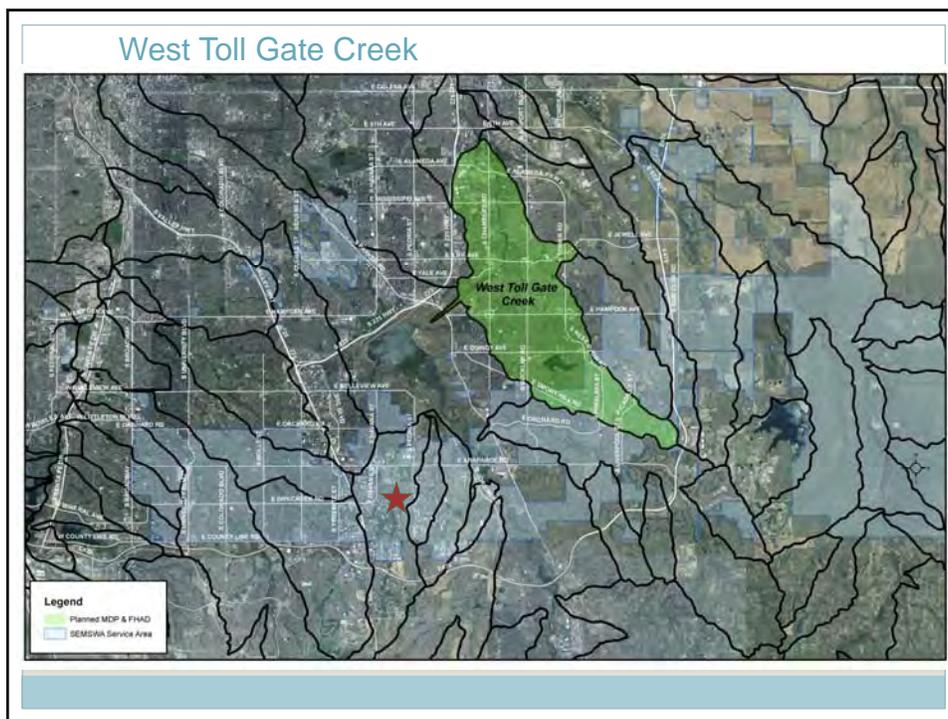
- ◆ FHAD adopted by UDFCD on 9/20/12
- ◆ FHAD not yet adopted by CWCB
- ◆ Not FEMA regulated upstream of Broadway
- ◆ MDP adopted by UDFCD on 8/16/12
- ◆ Proposed improvements removes 27 structures from the floodplain



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PLANS NEARING COMPLETION

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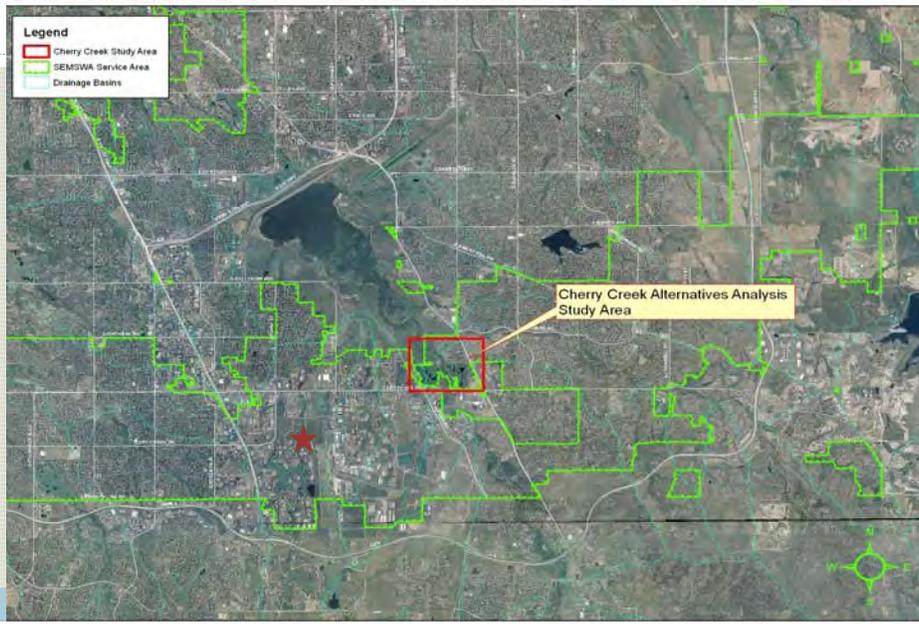


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PLANS ON HOLD



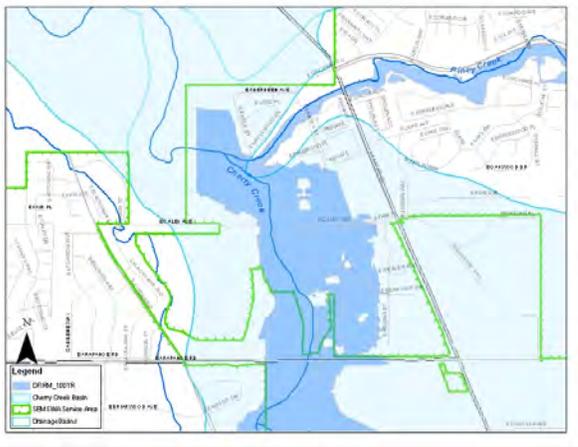
Cherry Creek Alternatives Analysis Study Area





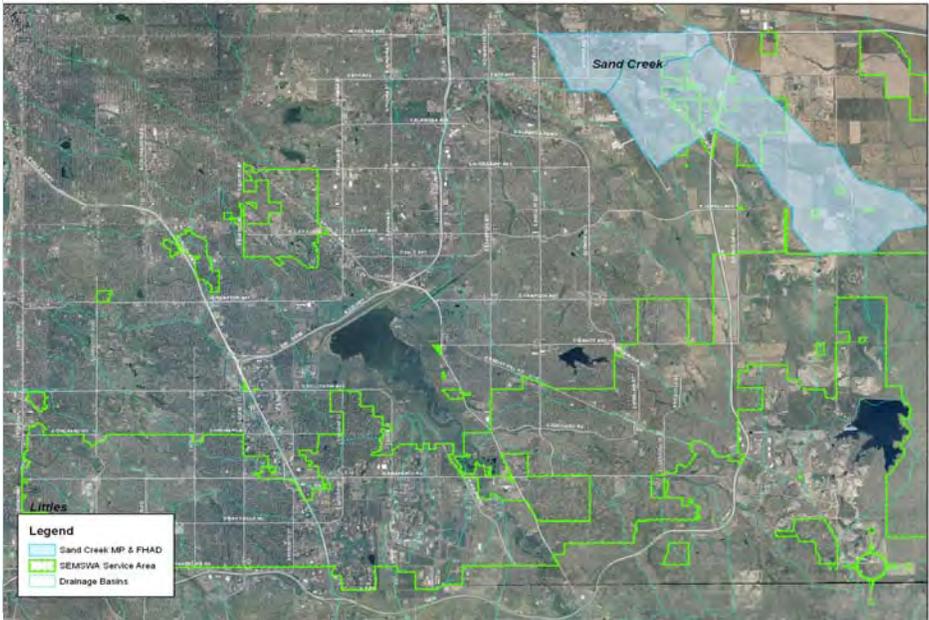
- ◆ On Hold due to IGA with UDFCD for additional work upstream of Arapahoe Road to Eco Park
- ◆ Sponsors:
 - UDFCD
 - SEMSWA
 - Arapahoe County Open Space
 - Cherry Creek Water Quality Authority
 - Adding City of Aurora
- ◆ Large stakeholder group interested in a coherent plan for several issues:
 - Arapahoe Rd Bridge
 - Pedestrian Crossing
 - Channel Stabilization and floodplain concerns in and around the Valley Country Club

Cherry Creek Alternatives Analysis and Design



The map displays the Cherry Creek watershed with various colored overlays. A legend in the bottom-left corner identifies the following features: a light blue area for 'DFIRM_10019', a darker blue area for 'Cherry Creek Basin', a green outline for 'SEMSWA Service Area', and a yellow outline for 'Drainage Basins'. The map also shows major roads like Arapahoe Rd and various residential streets.

Sand Creek MDP and FHAD Study Area

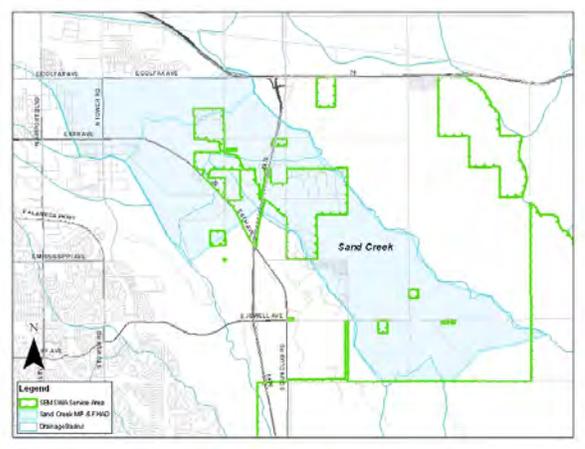


This aerial map shows the Sand Creek watershed and surrounding areas. A legend in the bottom-left corner, titled 'Legend', identifies the following features: a light blue shaded area for 'Sand Creek MDP & FHAD', a green outline for 'SEMSWA Service Area', and a yellow outline for 'Drainage Basins'. The map includes labels for 'Sand Creek' and 'Limes'.

On Hold:

- ◆ Alternatives presented for confluence area did not meet the objectives of the Triple Creek Open Space Plan (Aurora and Arapahoe County Open Space) and were extremely costly
- ◆ Trying to get an IGA with the State Land Board, Arapahoe County and UDFCD for how the SLB will develop which will reduce future flows at the confluence

Sand Creek MDP and FHAD



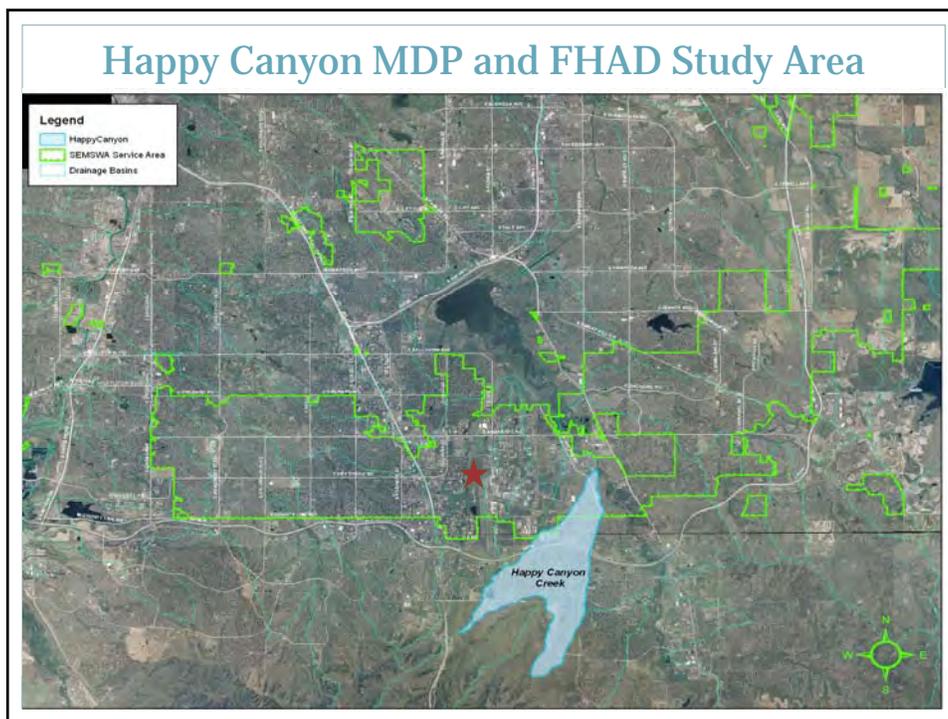
The map displays the Sand Creek watershed area. A legend in the bottom-left corner identifies three categories: 'Other Watershed Area' (light blue), 'Sand Creek MDP & FHAD' (green outline), and 'Drainage Basin' (light blue). The map shows the creek's path through a grid of streets, with the MDP and FHAD areas highlighted in green. A north arrow is also present.

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**PLANS STARTED
IN 2012**



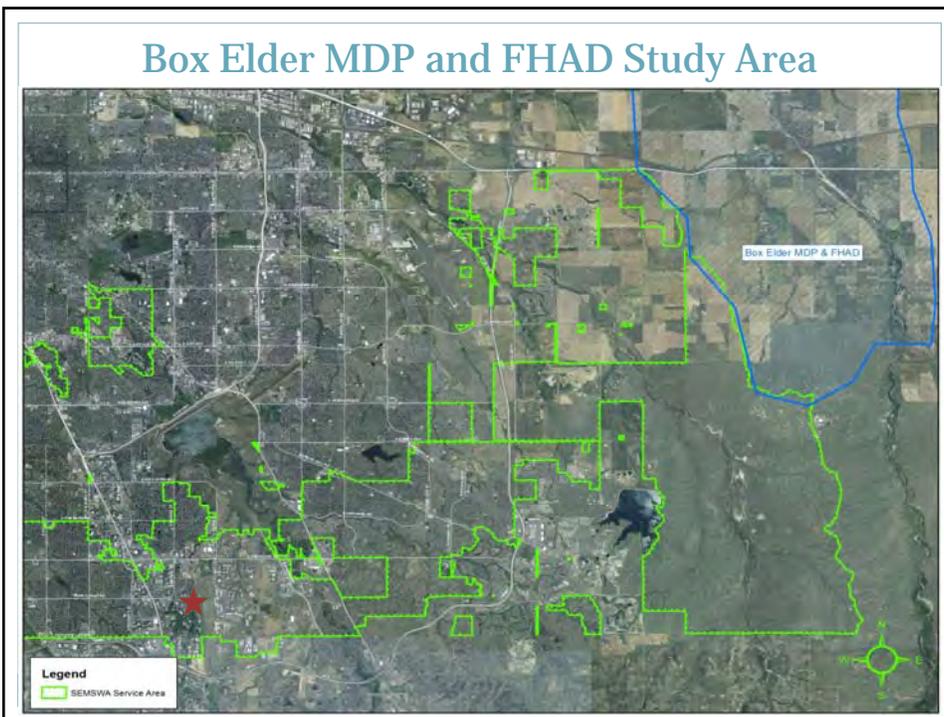
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Happy Canyon MDP and FHAD

- ◆ **Sponsors:**
 - ◆ UDFCD
 - ◆ SEMSWA
 - ◆ Douglas County
 - ◆ Lone Tree
 - ◆ Parker
- ◆ **Consultant:**
 - ◆ Muller
- ◆ **Will incorporate Douglas County and upstream towns into the Master Plan and FHAD**



Box Elder Creek MDP and FHAD

◆ Sponsors:

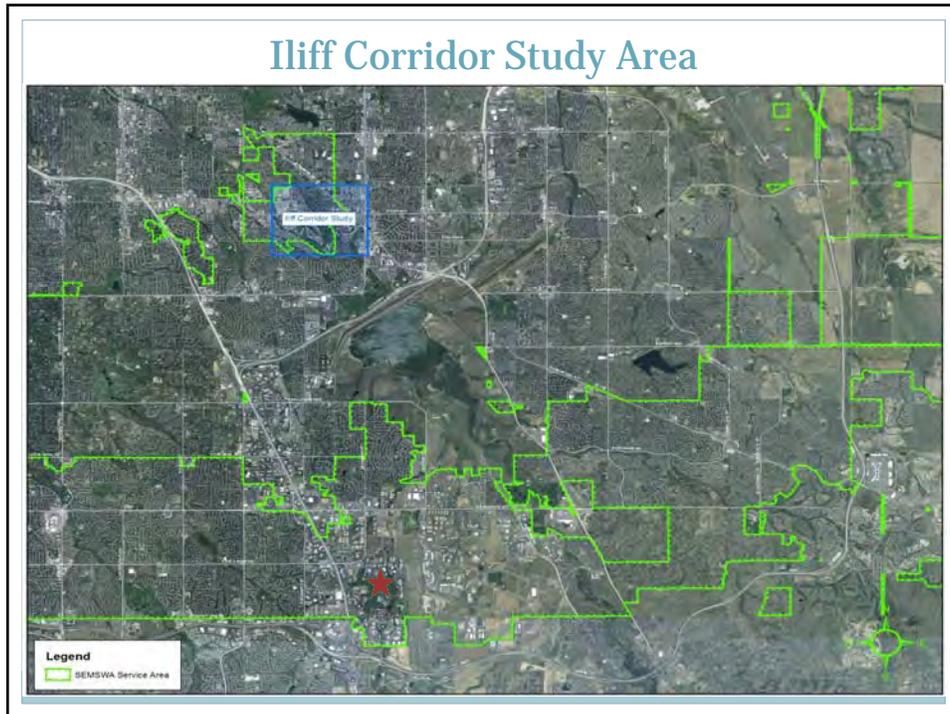
- ◆ UDFCD
- ◆ SEMSWA
- ◆ Arapahoe County
- ◆ Aurora
- ◆ Denver/DIA
- ◆ Adams County

◆ Consultant:

- ◆ Olsson Associates

**◆ Will include
Watkins/"Prosper"
development and
Arapahoe County's
I-70 Corridor Study
area**

EXHIBIT A
BOX ELDER CREEK
Major Drainageway Plan and FHAD
Approximate Study Limits
July 2012





- ◆ **Sponsors:**
 - ◆ Arapahoe County
 - ◆ SEMSWA
- ◆ **Consultant:**
 - ◆ TBD
- ◆ Will include proposed SW alternatives for development and redevelopment of parcels along Iliff between Parker and Quebec with proposed improvements to the corridor

Iliff Corridor Study – Storm Water Master Plan portion of the study

