

# ENVIRONMENTAL RESOURCES DIVISION UPDATE

MS4 Permit & Floodplain Activities for 2016



July 27, 2016

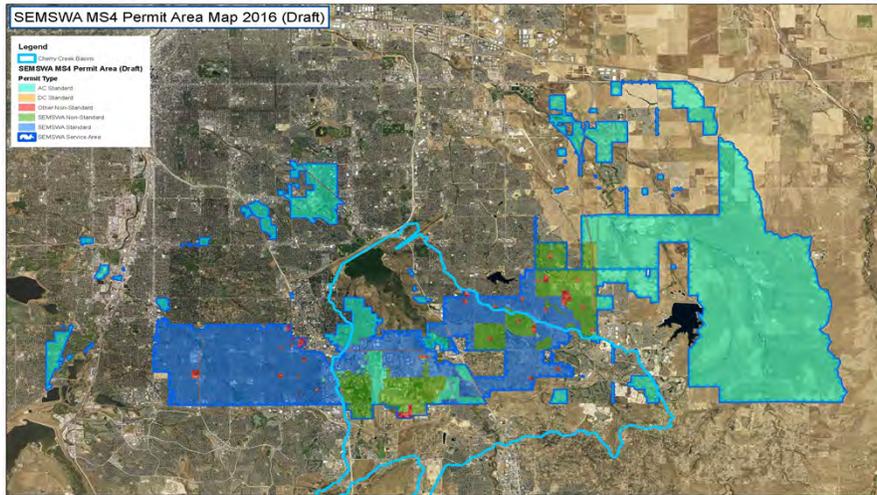
## 2016 MS4 Permit:

- Permit Effective July 1<sup>st</sup>; 5-year permit term, thru 2021
- Preparing a SEMSWA **Non-standard Permit** application
  - Areas *outside* of the City of Centennial, but within our ECCV, IWSD, ACWWA-transferred permit boundaries
  - SEMSWA will be non-standard within Arapahoe & Douglas counties (they are the Standard)
  - Will help to differentiate our Standard and Non-standard responsibilities during State inspection and audit activities
- Mapping underway to finalize **SEMSWA Permit Area**, which is now more specifically defined in the new Permit's 'Limits of Authorization to Discharge'
  - Look at Private systems that never join our MS4 before entering Waters of the State - not within our Permit area
  - Map other Non-standard MS4s and State Lands - not within our Permit area
  - Confines audit to our Permit Area

## MS4 PERMIT



## SNAPSHOT OF NEW MAPPING



- Water Quality (WQ) Matrix table(s) to help our staff and Developers understand new options for WQ controls

- In Cherry Creek (CC) basin – any disturbance
- Outside CC Basin – disturbance > 1 acre
- Constrained sites (various exemptions)
- Transportation/linear projects (various exemptions)
- New Permanent WQ design standard options (6 new)

Category	Standard	Exemption
Water Quality	AC Standard	None
	DC Standard	None
	Other Non-Standard	None
	SEMSWA Non-Standard	None
	SEMSWA Standard	None
	SEMSWA Service Area	None

- Erosion & Sediment Control Manual: “GESCV2”

- Revised from 220 pages of the GESCV “story” with pictures to 40 pages of regulatory requirements, checklists, and templates
- Pollution (waste control) controls – more prescriptive requirements in this permit

- Implementation Schedule

- Compliance schedule allows time to ramp up
- Program Description Document (PDD) template from CO Stormwater Council
- PDD is first thing to complete



**MS4  
PERMIT**  
Continued

## EDUCATION AND OUTREACH

- Science Fair (200+)
- Public Works Week (150+)
- Aurora Youth Water Festival (160+)
- Auraria Campus – Spring Fling (lots!)
- Cherry Creek Stewardship Partners Annual Report
- SPLASH training: 404 and Dewatering Permitting; Re-vegetation tips



## PHYSICAL MAP REVISION (PMR) SCHEDULE

- **2014 Physical Map Revision (PMR): Willow, Cottonwood & Tributaries, Piney, Antelope, East Toll Gate, and First Creeks**
  - FEMA will issue Letter of Final Determination (LFD) to Community CEOs (e.g. Mayor, Board of Commissioners Chair,) early August
  - Community compliance period (6-month) will be initiated
  - New maps will become effective early February 2017
- **2016 PMR: Dutch, Coon, and Coal (upstream of Yale) Creeks**
  - FEMA issued Preliminary Flood Insurance Study (FIS) and Flood Insurance Rate Maps (FIRM) to Community CEOs on March 30, 2016
  - Consultation Coordination Officer (CCO) meeting was held on April 25, 2016
  - New maps are anticipated to become effective November 2017
- **2016 PMR: Cherry (downstream of Reservoir), Littles, Happy Canyon & Green Acres Tributary, West Toll Gate, Unnamed & Tributary, Coal (downstream of Yale), Sand, and Senac Creeks**
  - FEMA issued Preliminary FIS and FIRM to Community CEOs on June 30, 2016
  - CCO meeting will be held on July 28, 2016
  - New maps are anticipated to become effective in 2018

## PMR OUTREACH

- **Community Engagement and Risk Communication (CERC)**
  - New FEMA program
  - Emphasis on risk communication and risk awareness to achieve mitigation actions
  - Will assist communities with public outreach support
    - Tools and templates
    - Public Service Announcement (PSA) templates
    - Public meetings/open houses
- **UDFCD Support**
  - Developed a web map service - [www.udfcd.org/webmaps/2016PMR](http://www.udfcd.org/webmaps/2016PMR)
  - Managing and coordinating the property owner notification efforts with each affected community
    - Funding may be limited
  - Available to provide presentations to Boards and Councils, upon local request
  - Public meeting/open house support, upon local request
- **SEMSWA**
  - Supplement UDFCD property owner notifications and mapping for our communities
  - Open houses
  - Elevation Certificate Program
    - Implement with 2014 PMR finalization

## FLOODPLAIN MANAGEMENT

- **Potential Floodplain Violations**
  - Cherry Creek Business Center
    - Outdoor storage of materials in the floodplain
  - Antelope Subdivision
- **City Coordination**
  - Enforcement Process
  - Building Permit review process and procedures
  - Floodplain training scheduled with Building Services Staff

