

Environmental Resources Division

July 2017 Update



Environmental Resources Division



Water Quality

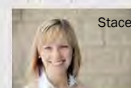
- SEMSWA has the CO Stormwater Discharge (MS4) Permit for the City, IWSD, ACWWA, and ECCV
 - IWSD, ACCWA, ECCV transferred their MS4 permits to SEMSWA
- The County has a MS4 Permit for activities within County permit boundaries
 - SEMSWA implements the MS4 Permit Programs for the County per MOU and SOPs



Brad

Floodplain Management

- SEMSWA is the City's Floodplain Administrator; all review and approvals for Floodplain Development Permits; review/approval modification studies; final decision on FP variances
- SEMSWA is NOT the County's Floodplain Administrator (County retained that role)
- Provide FP technical assistance to the County as needed



Stacey

Special Projects

- Written Procedures and Policy documents
- Public Relations; Press releases; Annual Report
- Special technical studies for more favorable MS4 Permit requirements
- Water quality special studies/projects



Cynthia

Regulatory Permitting

- Facilitate SEMSWA Maintenance Floodplain Permits, Annual Permits, and Army Corps of Engineers 404 Permits

2017 MS4 Permit activities

- ✓ Municipal Operations Program - Facility Plan & SOPs for training - Compliance Deadline July 1st
- ✓ Draft Fact Sheet for UDFCD Vol 3 to provide developer credit for runoff reduction via infiltration practices
- ✓ Training on new Post Construction standards for Land Development staff - 3 of 4 Workshops
- ✓ 98% GESC Manual Update; now determining how to roll-out to developers/contractors
- ✓ Winter/Spring/Summer Outreach
 - Denver Metro Science Fair
 - Aurora's Water Festival
 - Public Works Week
 - SPLASH 'Lunch & Learn' Trainings
 - CO Assn of Stormwater & Floodplain Managers (CASFM) WQ Tour
 - Urban Waters 'Cherry Creek' Bike Tour
 - Englewood's Sounds of Summer Concert



Floodplain Management

2017 Physical Mapping Revision (PMR) Project Update

- o Dutch, Coon and Coal creeks PMR maps on track for becoming final this fall and effective in spring 2018
- o One property owner commented during the 90-day public appeal period; joint effort with County & UDFCD to answer questions
- o Prelim impacted structures:
 - o 0 newly mapped in
 - o 1 resident still in
 - o 1 non-resident still in
 - o 3 residents removed
 - o 3 non-residents removed

2017 Elevation Certificate (EC) Program

- o SEMSWA subsidized program to facilitate accurate insurance rates for those newly mapped in the special flood hazard area as a result of PMR process.
- o The Willow, Cottonwood, Piney, Antelope & East Toll Gate PMR final in 2017; first group of ECs include:
 - o 8 structures in Willow Creek (7 residential, 1 non-residential)
 - o 4 structures in Cottonwood Creek (all non-residential)
 - o 1 structure in East Toll Gate Creek (detached barn/garage)
 - o 3 structures in Piney/Antelope (all residential)

404 Permitting for Maintenance Projects

- ❖ 17+ projects on list to permit
- ❖ Most on-shelf for winter work; some done as need identified
- ❖ All are Nationwide Permits (NWPs) for this effort
- ❖ Pushing NWPs as far as we can to expose a need for *extended limits* for maintenance projects
- ❖ If can't extend limits, we will request a Regional General Permit (RGP) for SEMSWA
- ❖ Evaluate funding a ½ FTE for a 6-month period at Corps local District office (Chatfield) to facilitate RGP preparation



Culvert erosion



After



Flows going under drop structure



Sheet pile



After



Typical Outfall restoration work



Culvert sediment removal

Highlights of Cherry Creek 'Outreach'



- ❖ CCBWQA's Bus Tour for WQ Control Commission in lieu of Annual Report presentation
- ❖ CCBWQA TAC Meeting to see SEMSWA's WQ swales & Living Wall demonstration areas
- ❖ Upper CC Valley Bike tour



Questions

