

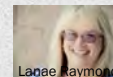
Environmental Resources Division

January 2018 Update



Environmental Resource Division (ERD)

- **Environmental Permit Management**
 - MS4 (Clean Water Act) Permit Holder for City of Centennial & manage County's MS4 Permit w/ Standard Operating Procedures (SOPs)
 - Grading, Erosion & Sediment Control (GESC) Permits
 - Stormwater Public Improvement Permits- Permanent WQ
 - Approve & issue City Floodplain Development Permits (FPDP)
 - Issue County FPDPs (County approval required)
 - Coordinate/Optimize/Obtain US Army Corps of Engineers 404 Permits for Maintenance Activities
- **Floodplain Management**
 - City's Floodplain Administrator
 - FP development review
 - Technical Assistance to County for FP issues
 - Master Planning relative to floodplain mapping
- **Special Projects**
 - Written procedures & Policy docs
 - PR, Press Releases, Annual Reports
 - Special studies promoting SEMSWA WQ & FP Mission



August '17 – January '18 Activities

- ✓ Facility Control Measure SOPs – Compliance Deadline August 1
- ✓ IDDE Manual - Compliance Deadline January 1
- ✓ Determined Targeted sources of Nutrients for 2018 Outreach – Compliance Deadline January 1
- ✓ 2D modeling review of Cherry Creek flows in vicinity of proposed development
- ✓ SEMSWA's Bi-Annual Request For Qualifications (RFQ) process for pre-qualified On-Call Consultants and Contractors
- ✓ Late Summer/Fall outreach
- ✓ Cherry Creek Annual Conference



Permit Assistance for Maintenance

- Floodplain Permitting
 - Annual Permit for routine tasks
 - Occasional No Impact Permit
 - Rare Standard FPD if impact FP w/ work
- GESC Permitting
 - Most routine work no GESC Permit (Municipal Operations Manual & targeted SOPs)
 - Annual Permit for land disturbance w/ GESC Consideration SOPs
 - In-house GESC sketch
- 404 Permitting
 - Initial task scoping to clarify impacts and optimize permitting
 - Document/write information needed for Nationwide Permits (NWP)
 - Coordinate/Contract with On-Call Consultant
 - Check-off for all environmental permits



404 Permitting

Contracted Maintenance



- o **Vegetation Management** (e.g. Unnamed Creek) - no permit required
- o Most **outfall sediment removal** activities - require NWP
- o **Near/In-Channel sediment removal** projects - require NWP with Pre-Construction Notification (PCN)
- o Some NWP work requires **wetland mitigation** \$\$ (e.g. NWP 31)
- o Larger projects that impact **more than 10% of the site's wetlands** - require an Individual Permit (IP) (12-18 Month turnaround)

SEMSWA Routine Maintenance and Projects



- o All are **Nationwide Permits** (NWP)
- o Some will require PCN: 45 day turnaround from the Corps
- o ~95% of our regional facilities can be maintained on a routine basis with **NWP 43 letter to file** (no PCN)
- o ~5% **require a PCN** initiated by SEMSWA staff and final review by On-Call consultant (e.g. Pond L-3)
- o On-Call Consultant submits PCN to Corps for formal Authorization

404 Permitting for Contracted Maintenance

- o More than in-house crews & equipment are set up to do: larger, longer duration, bigger equipment, more complex, scope/bid tasks
- o Many will be **vegetation removal**; no 404 permits
- o Still try to use NWP for **sediment removal**; most will need PCN
- o Goal is to systematically get NWPs to have shovel-ready projects so that Contractors have option to complete **as their schedules allow** - leads to **better bids**
- o These may be projects that require **mitigation** due to larger area of wetlands impacted; negotiate with the Corps for a 1-time mitigation
- o There might be projects that require an IP if large impact



Unnamed Creek vegetation removal, 2016; no 404 permit needed

404 Permitting for Routine Maintenance & Project Activities

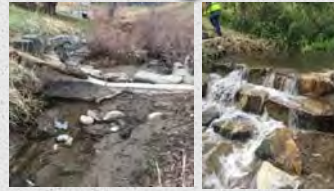
- ❖ Maintenance **identifies work** orders from scheduled Facility inspections; Neighborhood Area recon; partner agency (County, City, SSPRD, APRD) requests; CIP requests; backlog projects
- ❖ ERD reviews the **task scope** for NWP criteria; confirms with On-Call Consultant how to optimize work within the NWP criteria
- ❖ Maintenance Crew Leads **prepare final scope** for field activities & Maintenance Director verifies scope



Freemont Outfall to Englewood



Dam, NWP 3B, with PCN required



Little Dry Creek Drop Repair, NWP 3A, no PCN required

- FP program weighs in on **FP permitting** needs
- Maintenance Director **verifies** GESC Annual Permit conditions met, reviews water control plan, if needed
- FP Program **issues Annual FPD** or No Impact Permit
- ERD **writes NWP letters to file** for NWP 43, NWP 3a, NWP 13 (if no PCN required), as applicable
- ERD contracts with **Consultant to write PCN** for NWP 3b, NWP 13, NWP 31 or verify in-house PCN;
- Consultant **submits PCN to Corps**

Questions

