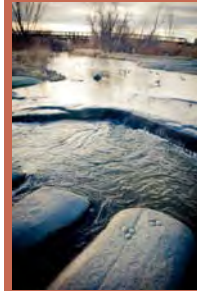


ENVIRONMENTAL RESOURCES DIVISION UPDATE

Water Quality, Floodplain Management, and Special Project
activities February thru August 2014; Permit Renewal
Update; and CRS and PMR Update



September
2014

WATER QUALITY PROGRAM

- 152 active & permitted construction sites
 - 26 sites started construction in August & September
- Education & Outreach
 - Science Fair (2/25&26)
 - Earth Day @ the County (4/22)
 - One World One Water @ MSU (4/24)
 - Metro State U (MSU) Hydrology Class (5/2)
 - Unnamed Creek Bio-assessment by Antelope Elementary (5/8)
 - Aurora Water Festival (5/16)
 - National Night Out @ Walnut Hills (8/5)
- 'Regional System' Tour 9/16
 - CDPHE Permits Section staff
- Illicit Discharge
 - 24 incidents; 2 Sanitary Sewer breaks referred to Tri-County Health Department
- Training
 - Municipal Operations for City Staff
 - GESD Inspection Refresher
 - IDDE Trainings
 - All City Meeting
 - SEMSWA internal staff



PERMIT RENEWAL UPDATE



- Stakeholder Meeting: October 10th
 - Division to share 'what they can' prior to it being public-noticed
- Permit Public Notice (goal): October 17th
 - 90 day comment period is the plan now (typical is 30 day)
- Interesting "Rumors" coming out of CDPHE:
 - Up to seven design standards for post-construction, including regional water quality with pre-treatment (3 in 1st draft permit)
 - 30 day inspection schedule
 - Will be monitoring if pollutant exceeds threshold (NA for SEMSWA)
 - Fact sheet vastly expanded to highlight flexibility within permit (tips)

FLOODPLAIN PROGRAM UPDATE



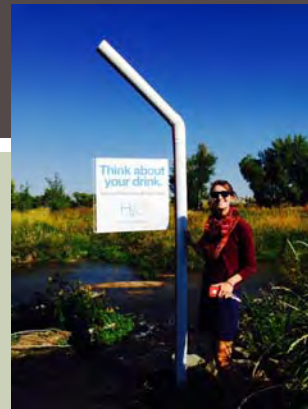
- Community Rating System (CRS) 5-year cycle Verification
 - Level 8 now, based on earned points, equates to a 10% discount on floodplain insurance; working towards a **Level 7 for a 15% discount**
 - Partial data submittal due to the Insurance Services Office (ISO) by October 1st
 - Extensive documentation on-going for seven different stormwater and floodplain management areas to maximize points - e.g. maintenance credits; mapping (showing the comprehensiveness of our Flood hazard Area Delineation (FHAD) studies) and regulations credit; outreach credits
 - **November 6 and 7** visit by the ISO to review data and field audit
- Floodplain Violation: Property in Piney Creek Ranches
 - Ed Krisor working with City Attorney on bridge violation; coordinated effort with CIP (condemnation for stream improvements) and Water Quality (illicit discharge); seeking assistance from Corps (unauthorized fill in floodplain)
 - Anticipate this to be impetus for an IIGA with City for Floodplain Management (similar to agreement for MS4 matters)

FEMA PHYSICAL MAP REVISION (PMR) PROCESS UPDATE



- City Council Study Session, August 18th
- Preliminary Maps to be issued by FEMA on September 26 (tentative)
 - Informational letters, maps and Website are being finalized to follow release of Prelim maps
- Public Meetings:
 - Cottonwood & Willow: **October 7** (at SEMSWA)
 - Piney and Antelope: **October 16** (at SEMSWA)
 - First and East Toll Gate: **October 22** (at Fairgrounds)
 - Public welcome at any meeting: same agency representatives, PowerPoint, mapping, and information available at all meetings

SPECIAL PROJECTS



- Infiltration Study
 - MOU with Douglas County
 - Field work in progress
- “Straw” Project
 - Installed at PJCOS
 - Subtle message, use of “art”
- Waters of the US (WOUS)
 - Comments being prepared to address:
 - More extensive permitting for facility maintenance
 - ‘Ditches’ are now WOUS? More permitting
 - Regional ponds are now ‘Waste treatment facilities’? More requirements
- CDPHE Environmental Leadership Program
 - Attained Silver Level this Summer
 - Banquet: October 2nd at Performing Arts Center, 9-11am



SPECIAL WATER QUALITY PROJECT: MARVELLA DEVELOPMENT (ORCHARD AND QUEBEC)



Drop A
grout pour
in heavy
rain, and
sustained
channel
flows



Resulting
in a
'Remove
and
Replace'
to ensure
UDFCD
Maint.
Eligibility

QUESTIONS

