

## WATER QUALITY PROGRAM UPDATE – JUNE 2011



Science Fair



Public Works Week

## Water Quality Program overview since November 2010

- ❖ MS4 Permit Activities update
  - ❖ Education and outreach efforts
  - ❖ Illicit discharge investigations/resolutions
  - ❖ Construction site oversight
  - ❖ Post construction activities
- ❖ MS4 audit preparedness efforts
  - ❖ Response to State Phase II Audit findings so far
- ❖ GESD Manual Revision/Update
  - ❖ More flexibility to match risk/rewards/resources
- ❖ Re-focus of Education and Outreach efforts
- ❖ ACWWA Permit transfer status

## MS4 Activities Overview

### Program 1 & 2 outreach since November '10 (# of attendees)

- ❖ Cherry Creek Conference - Nov '10 (130)
- ❖ Hawk Walk at Cottonwood Creek - Jan '11 (28)
- ❖ Science Fair - Feb '11 (18 water-related entries this year; 0 entries 5 years ago)
- ❖ ACC Earth Day - April '11 (55+ booth visits)
- ❖ "Take Dad to School Day" (Jon Nelson's kids' school) - May '11 (10)
- ❖ CH2M Hill Storm Drain Stenciling - May '11 (12)
- ❖ Public Works Week - May '11 (500 students)



Take Dad to School Day



Public Works Week



Storm Drain Stenciling

## MS4 Activity Overview, continued

### Program 3 investigations since Nov '10

- ❖ IDDE investigations: 26
- ❖ Enforcements: 3 verbal; 1 written; 1 Cleanup order; 1 maintenance action
- ❖ Curbside 1/2/11 – 4/30/11: 118 collections
  - 9,700 pounds of waste collected:
    - 2,700 lbs hazardous (acid, base, flammable)
    - 6,500 lbs non-hazardous (paint)
    - 500 lbs universal (batteries, fluorescent tubes, aerosols)



## MS4 Activity Overview, continued

### Program 4 Construction Inspections since Nov '10

- ❖ GESC Plan/report Submittals: 119
- ❖ GESC Permits issued: **56 issued**
- ❖ # of GESC inspections (avg/inspector): 1,300
- ❖ # of permitted sites receiving Initial Close Out: 22
- ❖ # of permitted site receiving Final Close Out: 35
- ❖ Enforcement fees assessed & collected: **\$1,460**



## MS4 Activity Overview, continued

### Program 5 Permanent WQ Public Improvements since Nov '10

- ❖ O&M Reviews: 47
- ❖ WQ Public Improvements Permits issued: 12
- ❖ # of permitted facilities receiving Probationary Acceptance: 4
- ❖ # of permitted facilities receiving Final Acceptance: 11





## Other MS4-related activities

### ❖ MS4 Audit Preparedness

- ❖ Review of recent State audit findings
  - ❖ Program Description not being followed
  - ❖ No written standard operating procedures (SOPs) for staff
  - ❖ Documented procedures not followed
  - ❖ Ordinances and procedures/SOPs not consistent
  - ❖ BMPs not maintained or repaired immediately, leaving site out of compliance
- ❖ In-house review of each program area SOP and Program Description
  - ❖ Draft new ordinance for SEMSWA GESC Manual
  - ❖ Explore revised Ordinance (Stormwater Management Manual) for Program 5 Post Construction WQ BMPs
  - ❖ Draft Program Description modifications to send to State
    - ❖ example: Annual Permit justification for use in Program 4
- ❖ Notebooks prepared for all Program areas with Ordinance, SOPs, relevant reference materials, ready to respond to auditors

## Other MS4 Activities, continued

### ❖ GESC Manual Revisions/Update

- ❖ Trying to optimize risk/reward and resources - *even with tougher state stance on permit requirements*
- ❖ Attempt to make process less of a frustrating experience on part of owner/contractor/applicant - *even though we will always be a regulatory group and not their 'best bud'*
- ❖ Goal is to make our staff more efficient by concentrating on things that will make a difference for water quality, not just for "process" sake - *even though the State is not in a position to do the same*

### ❖ Examples of anticipated GESC revisions to improve process

- ❖ New "Working in Waterways" chapter to assist with water control
- ❖ Contractor Certification program to recognize trained contractors
- ❖ 'Equivalent' BMPs that allow contractor some flexibility
- ❖ Annual Permits for repetitive, standard projects with low risk of impact
- ❖ Additional variances to recognize special circumstances
- ❖ Expand Small Site plan and permitting process to cover more projects

## Other MS4 Activities, continued

### ❖ RE-focusing of Education and Outreach efforts

- ❖ Opportunity with our new staff addition (Sarah) to transition efforts to more “adult” education
  - ❖ children education still valuable, just a function of using other talented resources to satisfy that priority area (Partners)
- ❖ Additional outreach for other SEMSWA program areas, always looking out for PR opportunities (Floodplain info pamphlet for Highlands 460 subdivision in SSPRD)
- ❖ Focus on some innovative pilot projects that showcase the final water quality result/outcome we want for both Construction and Post-construction BMPs
  - ❖ Collaborate with willing developers with incentives
  - ❖ Utilize our CIP/maintenance projects to “test out” and have something to ‘show and tell’
- ❖ Next step: Lay out a process to identify opportunities and the process to take advantage of them; budget considerations

### ❖ ACWWA Permit transfer

- ❖ ready to transfer as soon as property transfer complete

## Questions?



CH2M Hill Inlet Label Volunteers