

WATER QUALITY PROGRAM UPDATE – OCTOBER 2010



World Monitoring Day Event



Construction Oversight at IKEA

Water Quality Program Activities

- ❖ MS4 Permit Program Statistics
- ❖ Special Projects
 - ❖ IKEA Development Construction Inspection
 - ❖ Grant Fund Program
 - ❖ Construction Best Management Practice (BMP) Poster
 - ❖ Volunteer Protocols
 - ❖ Fund Leveraging Table
 - ❖ Cherry Creek Valley Eco-Caching Program
 - ❖ Drainageway signage
 - ❖ Permitting Standard Operating Procedure (SOP)
 - ❖ Signage along Cherry Creek

Permit Activities – Overview

❖ Program 1 & 2 outreach events completed since April (attendees)

- ❖ Teachers Workshop (13 teachers)
- ❖ Walnut Hills National Night Out (50+ visited booth)
- ❖ Tagawa Gardens "Unique to the Creek" (15)
- ❖ Run for the Watershed (125+, 14 teams)
- ❖ World Monitoring Day (180 students)
- ❖ Scouting Events (50 scouts)
- ❖ Western Welcome Week Booth (1,245 'clicks')
- ❖ Lake Appreciation Day (100 volunteers)
- ❖ Aurora Water Festival (150 students)
- ❖ Cherry Creek State Park Field Days (200 volunteers)
- ❖ Americorps Volunteer Events @ Cherry Creek (20)
- ❖ Castle View HS Volunteers (90 students 2x/yr)



❖ Program 3 efforts thru October

- ❖ IDDE investigations: 23;
- ❖ Enforcements: 5 verbal; 8 written; 3 Code enforcement, 1 Notice & Demand; 2 Cleanup orders
- ❖ Curbside: 436 collections, 29,000 pounds of waste collected; average of 70 lbs per stop



Activity Overview, continued

❖ Program 4 Construction Inspections thru October

- ❖ Total GESC Plan Reviews: 110
- ❖ Total GESC permits for *Development* cases: 60
- ❖ Total No. of GESC inspections: 1,929
- ❖ No. of permitted sites receiving Initial Close Out: 18
- ❖ No. of permitted site receiving Final Close Out: 60
- ❖ Enforcement fees assessed & collected: \$15,872



❖ Program 5 Permanent WQ Public Improvements thru October

- ❖ Total O&M Reviews: 36
- ❖ Total WQ Public Improvements Permits for *Development* cases: 15
- ❖ Total No. of Permanent BMP inspections: 10
- ❖ No. of permitted facilities receiving Preliminary Acceptance: 4
- ❖ No. of permitted facilities receiving Final Acceptance: 9

❖ Program 6 Municipal Operations

- ❖ Provided ACWWA Program 6 Standard Operating Procedure as part of Transfer IGA efforts; ACWWA incorporating into their overall Operations Manual and will be completed in early November

❖ ACWWA Permit Transfer

- ❖ On schedule for December 31, 2010; State updated, transfer letters will be sent in November

Special Projects

❖ IKEA

- ❖ On schedule ~30% complete
- 😊 Underground System Shop Drawings
- ❖ Public Improvement Permit issued
- ❖ 10/21/10 - Underground system Pre-con meeting
- ❖ 1 GESC re-inspection fine for tracking



❖ Grant Fund Program:

- ❖ 15 or so potential sites visited
- ❖ Staff to pick first couple retrofits to refine process, have examples
- ❖ Towards that end:
 - ❖ Met with Wal-Mart regarding retrofit; they may have opportunity to retrofit next year when they do a site remodel
 - ❖ Met with forming HOA to discuss retrofit of problematic pond (Orr Estates on Franklin); Talked with HOA that surrounds **LBO-Pond 1** (30% design in place); Talked with Comcast @ Dry Creek & Colorado about retrofit for future expansion; others in discussions
 - ❖ Sample GESC plan/report to streamline construction process
- ❖ Should be getting our first app to Executive Director in November

Special Projects, continued

❖ Construction BMP Poster

- ❖ SEMSWA photos of good/bad BMPs
- ❖ Contractor Certification program
- ❖ Large projects with Construction trailer



❖ Volunteer Protocols & Follow-up Monitoring

- ❖ Purpose is to eventually integrate volunteer stewardship into selected CIP and Maintenance re-vegetation projects, specifically where CONTRACTOR role in Specification Sections 2900 (Landscape Planting), 2925 (Permanent Re-vegetation) and 2950 (Willow staking, bundles, brush layering, etc), is fulfilled by volunteer stewards
- ❖ Cherry Creek Stewardship Partners (CCSP) would be the CONTRACTOR and manage the volunteers
- ❖ SOP, Fact Sheet, and Monitoring Form have been prepared that identified selected projects appropriate for volunteer stewards; eventually will prepare Specifications that can govern for those projects where volunteer stewards are appropriate and we "contract" with CCSP for this effort

Special Projects, continued

❖ Fund Leveraging Spreadsheet

- ❖ Opportunity for additional funds for:
 - ❖ CIP and maintenance projects for stream restoration and wetland focus
 - ❖ education partnerships for permit outreach
 - ❖ possible weed assistance for maintenance efforts
 - ❖ riparian habitat monitoring assistance for volunteer stewards
- ❖ Next step: prioritize for success and submit a couple of small apps

❖ EcoCache-ing in the Cherry Creek Basin

- ❖ first one for Eco Park, others later in PJCOS and 17-Mile House Park
- ❖ part of "children in nature" approach to education and outreach
- ❖ find with puzzle or rhyme
- ❖ hidden 'cache' prize has water quality message



Special Projects, continued

❖ Permitting SOP

- ❖ Prepared both SOP and flow chart for identifying appropriate Army Corps of Engineer and Fish & Wildlife Service permits (404s)
- ❖ Assist maintenance on those small 'aim and fire' projects and for training staff unfamiliar with regulatory process

❖ Drainageway Signage:

- ❖ Major drainageway and trail signage
 - ❖ task subdivided into drainageways; Little Dry Creek through South Suburban 1st
 - ❖ met with SSPRD to discuss requirements
- ❖ "Cherry Creek Times" signage
 - ❖ 3 signs completed: for Eco Park, 17-Mile Park and Bronco's Parkway trailhead
 - ❖ Bronco's Trailhead installed in November
 - ❖ Others as funds available



Highlights in Pictures



Questions?

