Sacramento Stormwater Quality Partnership
Low Impact Development

November 4th, 2015
Sacramento Municipal Stormwater NPDES Permit

- County of Sacramento
- Cities of:
  - Sacramento
  - Citrus Heights
  - Elk Grove
  - Folsom
  - Galt
  - Rancho Cordova
- First Permit issued in 1990
- Five-year permit
- Current Permit – Limited Term (18 months)
- Next Permit: early 2016
Planning and New Development Element Permit Requirements

- Source Controls
- Treatment Controls
- Hydromodification Mitigation
- Low Impact Development (a year from HMP approval)
Permit Language (2008 Permit)

Low Impact Development Requirements:

Each Permittee shall amend, revise or adopt quantitative and qualitative development standards (including policies, codes, ordinances and/or regulations) to require implementation of LID strategies at priority new development and redevelopment projects no later than six months after approval of the HMP by the Regional Water Board.
STORMWATER QUALITY DESIGN MANUAL

Integrated Design Solutions for Urban Development
Protecting Our Water Quality

City of Citrus Heights
City of Elk Grove
City of Folsom
City of Galt

City of Rancho Cordova
City of Sacramento
County of Sacramento
LID Measures

- Alternative Driveways
- Capture and Use
- Compost Amended Soil
-Disconnected Roof Drains
-Interceptor Trees
-Porous Pavement
-Bioretention/planter
-Vegetated Swale/ filter strip
-Green Roof
-River Friendly Landscaping
Local Examples
Hollywood Driveways-South Land Park
Disconnected Roof Drains - Elder Creek Road
Greyhound Station - Richards Blvd
Award Winning!
Vegetated Swale - Bruceville Road
Dixieanne Avenue – 1st Green Street
Freedom Park Drive Green Street

Before

After
Freedom Park Drive
Promenade- Fair Oaks
Citrus Heights City Hall
Bioretention Planters - Railyards
Sand Filter -
City of Sacramento, Department of Utilities
Lessons Learned

- Soil amendment
- Adequate slope
- Vegetation/Plants
- Proper construction
- Proper implementation
- Maintenance
Swale bottom width: no slope/ dead vegetation
Curb-cut on the wrong side!
Solutions!

• At improvement plans phase:

“City requires Engineer inspection and certification upon completion of the Stormwater Facility to ensure the facility is built per plans. Certification letter should be mailed to City of Sacramento Department of Utilities Water Quality Section (1395 35th Ave, Sacramento, CA 95822) for City records.”
During Construction
During Construction
Post Construction
Contact Info:

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