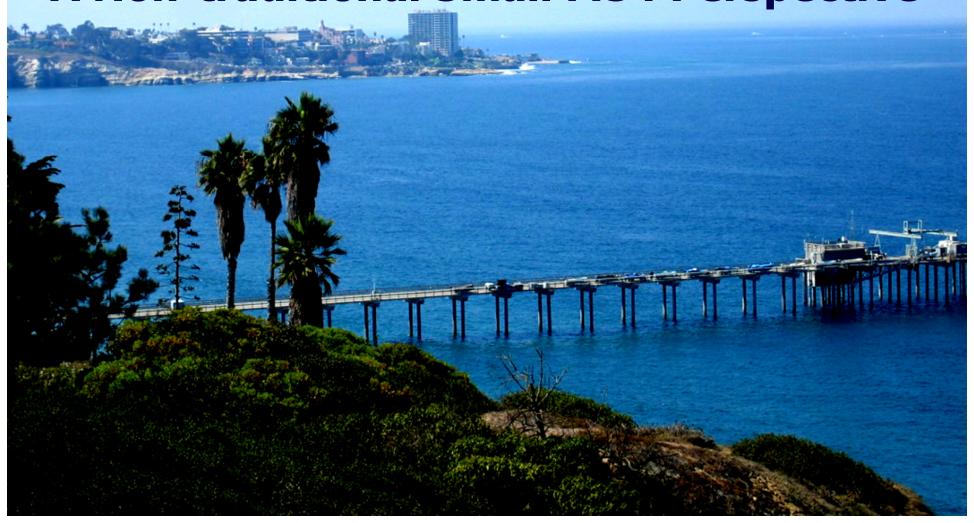
Implementing the Phase II Storm Water Permit

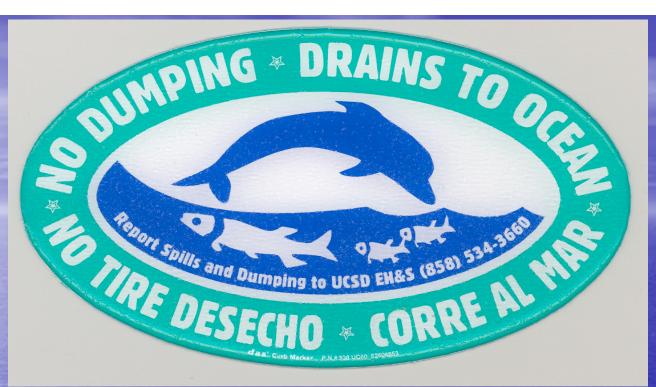
A Non-traditional Small MS4 Perspective















Storm Drain Markers

Staff Education and Outreach





http://stormwater.ucsd.edu

UC San Diego **FACULTY & STAFF** Search This Site All UCSD Sites Find Faculty/Staff A-Z Sites Department Index Find People - Advanced Search Blink Topics ▼ Personal Tools ▼ Business Tools ▼ Instruction Tools ▼ Research Tools v Blink Home > Safety > Environment > Environmental Protection > Storm Water Management Program **Storm Water Management Program** Safety Last updated May 14, 2012 8:34:11 AM PDT Environmental Protection Air Pollution Control Permits Learn how UC San Diego's Storm Water Management Program helps prevent water Asbestos Control pollution. Formerly Used Defense Site at All outdoor drains are storm drains and are meant only for rain. Everything that flows into a UCSD storm UCSD drain goes untreated directly into nearby waterways such as the Pacific Ocean, Rose Canyon Creek, and Lead-Based Paint Los Peñasquitos Lagoon. Pollutants picked up by storm water can prevent recreational use of waterways Oil Spill Prevention, Control, & and harm the habitat for fish, other aquatic organisms, and wildlife. Countermeasures Anything that discharges into a storm drain that is not composed entirely of storm water is a non-storm Refrigerant Compliance Program water discharge (e.g., irrigation water runoff, clean tap water). Sewer System Management Plan Report non-storm water discharges into UCSD storm drains: Storage Tanks · During business hours: Environment, Health & Safety, (858) 534-3660 Storm Water Management Program o. After husiness hours: Treatment Control Best UCSD Police: (858) 534-HELP (4357) Management Practices Source Control Best Management UCSD Storm Water Management Plan Practices UC San Diego's Storm Water Management Plan (PDF) aims to prevent or reduce the potential discharge of pollutants into UCSD storm drains. The plan describes: Search Blink Pollution prevention requirements (see below) Best management practices (BMPs) o Source controls for outdoor activities that may release pollutants into storm drains

See Also

Hazardous Materials Emergency

Countermeasures

Sewer Disposal: What Can Go Down the Drain?

Wash and Rinse Water Disposal

■ Emergency spill response procedures Pollution prevention requirements

Do not discharge anything into a storm drain, including clean tap water. Only rain is permitted in a

· Treatment controls measures implemented to prevent coastal water pollution

Keep outdoor work and storage areas clean and orderly.

Monitoring locations and constituents analyzed (PDF)

- Cover or protect storm drain inlets from outdoor work activities as needed.
- Maintain spill control and cleanup materials and clean up outdoor spills immediately.
- Do not store machinery, equipment, or vehicles over storm drains
- Keep outdoor trash cans and bins closed.
- If water is used to clean, do not allow wash water to get into a storm drain.
- Fueling activities must be overseen by the equipment operator at all times
- Use drip pans under leaking equipment.

Contractor and visitor responsibilities

Contractors, service providers, and non-employee visitors at UCSD are responsible for reviewing the UCSD Storm Water Pollution Prevention Best Management Practices Handbook (PDF) to ensure outdoor work

Public Involvement and Participation



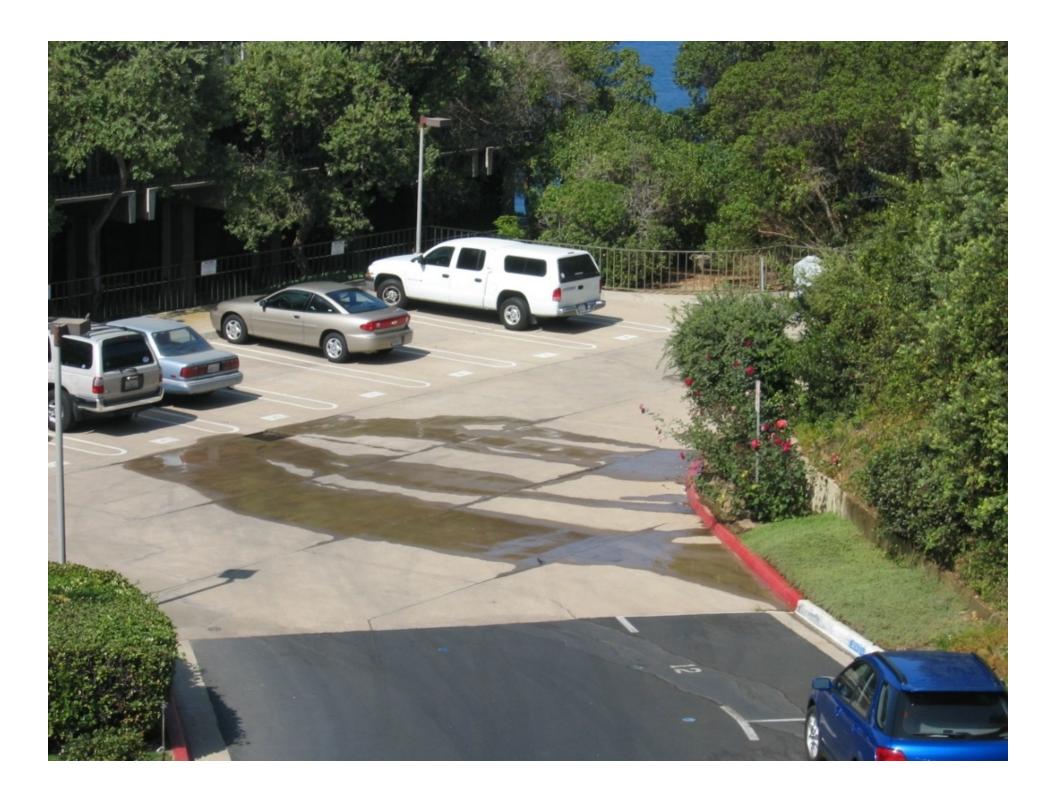




Campus Watershed Clean-up with Coastkeeper and Community Volunteers







FACULTY & STAFF

UC San Diego



Air Pollution Control Permits

Asbestos Control

Formerly Used Defense Site at UCSD

Lead-Based Paint

Oil Spill Prevention, Control, & Countermeasures

Refrigerant Compliance Program

Storm Water Management Pro

Treatment Control Best Management Practices

Source Control Best Management Practices



Departments

See Also

Hazardous Materials Emergency Response Team

Oil Spill Prevention, Control, and Countermeasures

Sewer Disposal: What Can Go Down the Drain?

Wash and Rinse Water Disposal

Learn how UC San Diego's Storm Water Management Program helps prevent water pollution.

All outdoor drains are storm drains and are meant only for rain. Everything that flows into a UCSD storm drain goes untreated directly into nearby waterways such as the Pacific Ocean, Rose Canyon Creek, and Los Peñasquitos Lagoon. Pollutants picked up by storm water can prevent recreational use of waterways and harm the habitat for fish, other aquatic organisms, and wildlife.

Anything that discharges into a storm drain that is not composed entirely of storm water is a non-storm water discharge (e.g., irrigation water runoff, clean tap water).

- Report non-storm water discharges into UCSD storm drains:
 - · During business hours:
 - Environment, Health & Safety, (858) 534-3660
 - o After business hours:
 - UCSD Police: (858) 534-HELP (4357)

UCSD Storm Water Management Plan

UC San Diego's Storm Water Management Plan (PDF) aims to prevent or reduce the potential discharge of pollutants into UCSD storm drains.

The plan describes:

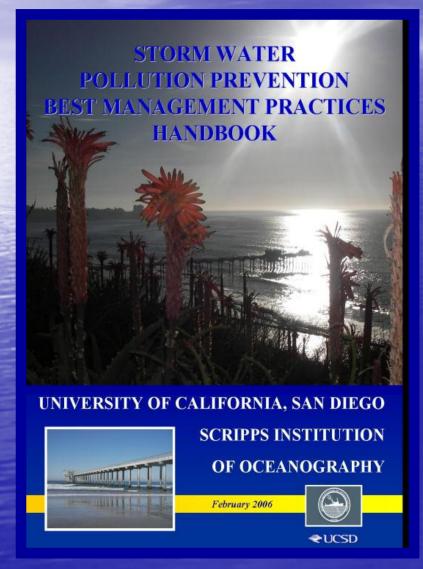
- Pollution prevention requirements (see below)
- Best management practices (BMPs)
 - o Source controls for outdoor activities that may release pollutants into storm drains
 - o Treatment controls measures implemented to prevent coastal water pollution
- Monitoring locations and constituents analyzed (PDF)
- Emergency spill response procedures

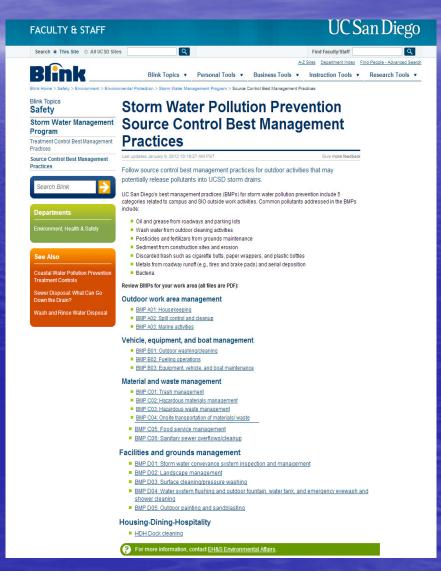
Pollution prevention requirements

- Do not discharge anything into a storm drain, including clean tap water. Only rain is permitted in a
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- Use drip pans under leaking equipment.



Pollution Prevention / Good Housekeeping







Post Construction Storm Water Management













La Jolla Shores Area of Special Biological Significance (ASBS) Dry Weather Flow and Pollution Control Program

Funding for this project has been provided in full or in part by the American Recovery and Reinvestment Act of 2009 and the Clean Water State Revolving Fund, through agreement with the State Water Resources Control Board.





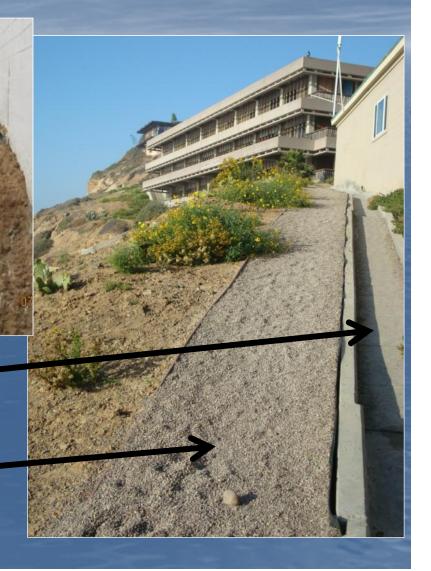




Dry Weather Flow Controls

Construction of pervious concrete conveyance culvert

Dry weather flows infiltrate into a gravel bed





Sediment Controls



Before



After

Sediment Controls



Before



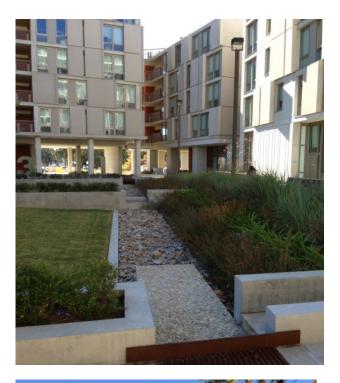




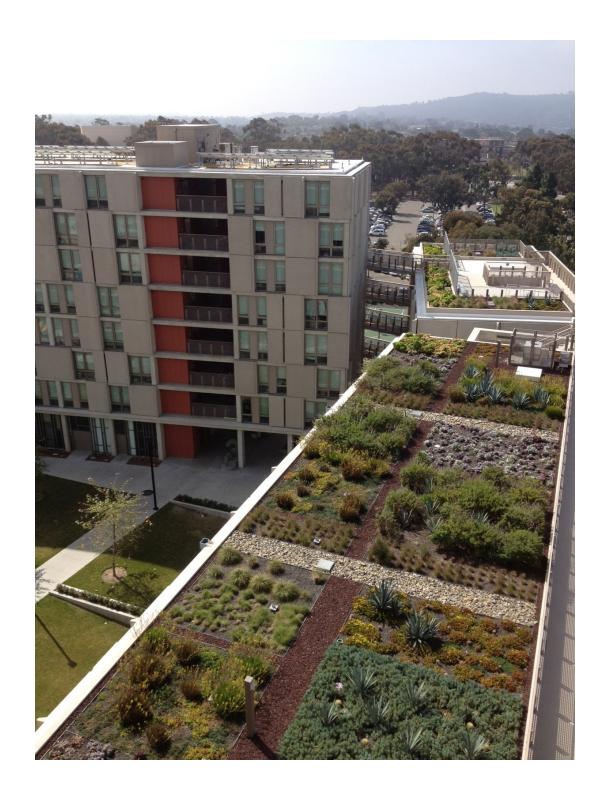
After

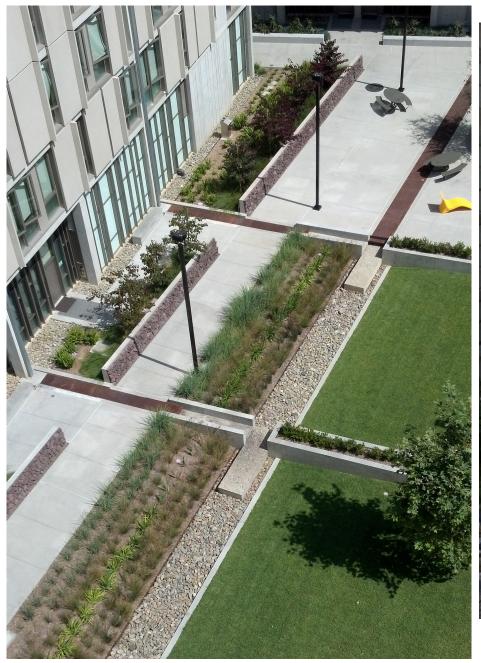


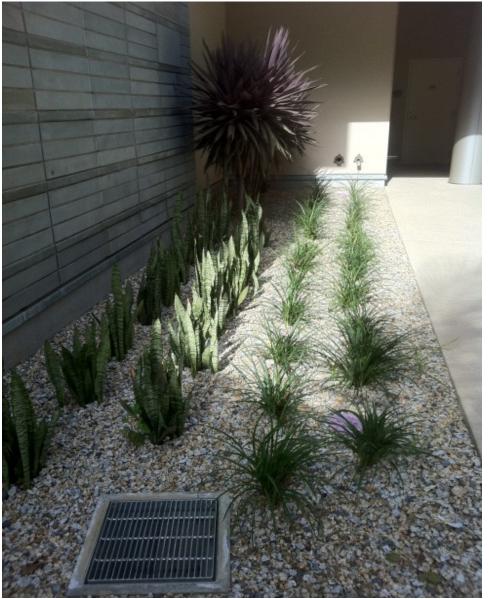












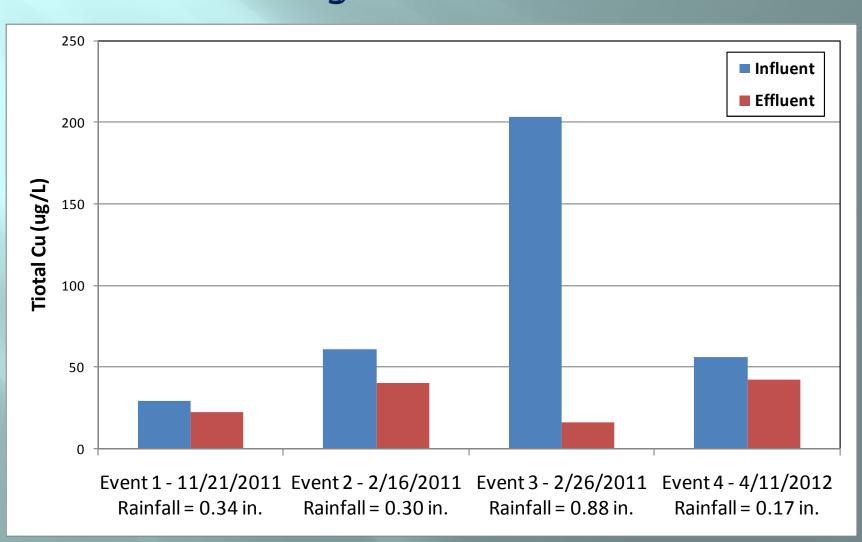


Ecology Embankments / Media Filters

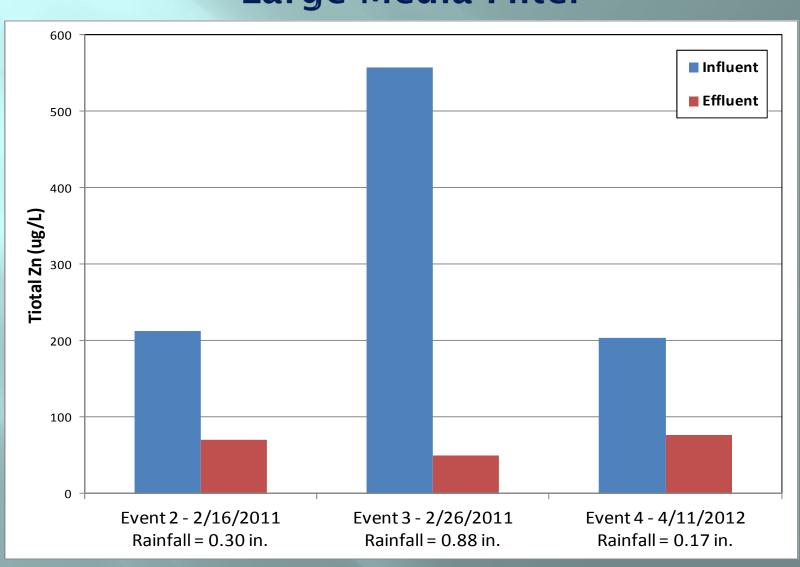




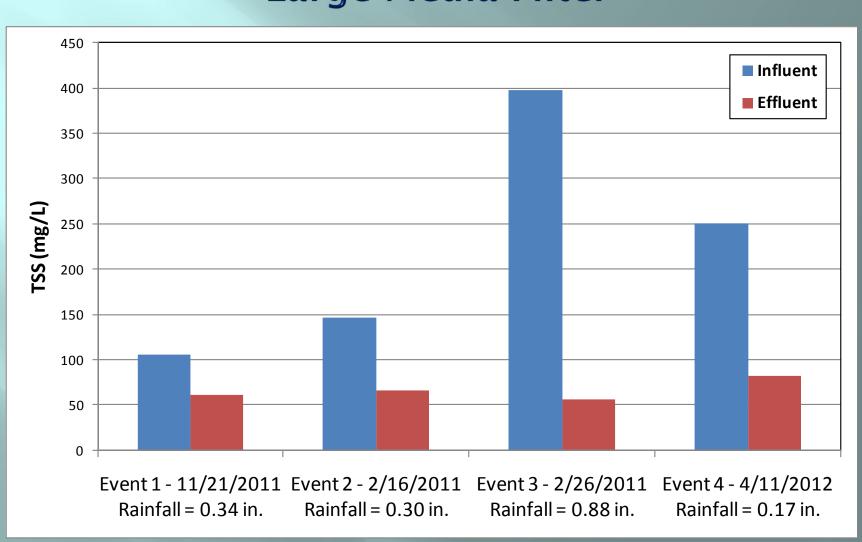
Monitoring Results Total Copper Large Media Filter



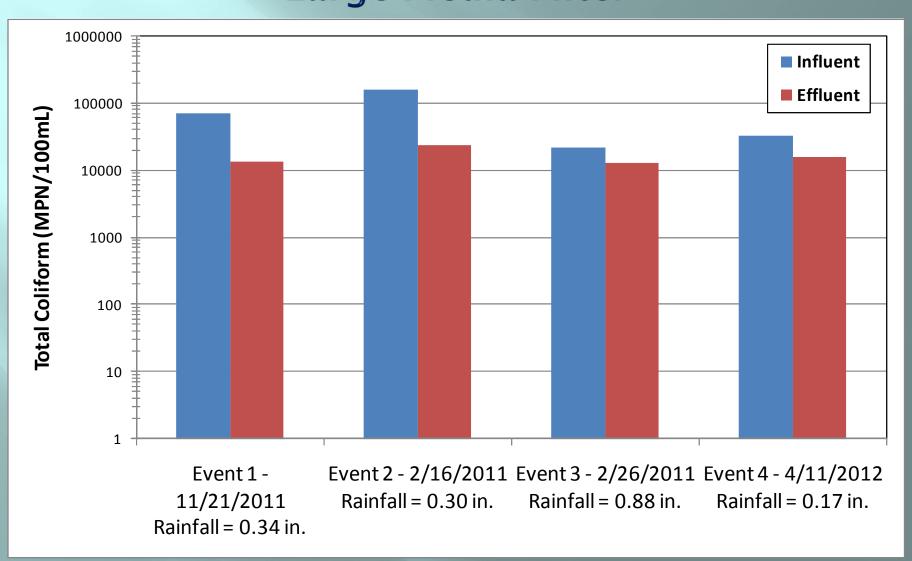
Monitoring Results Total Zinc Large Media Filter



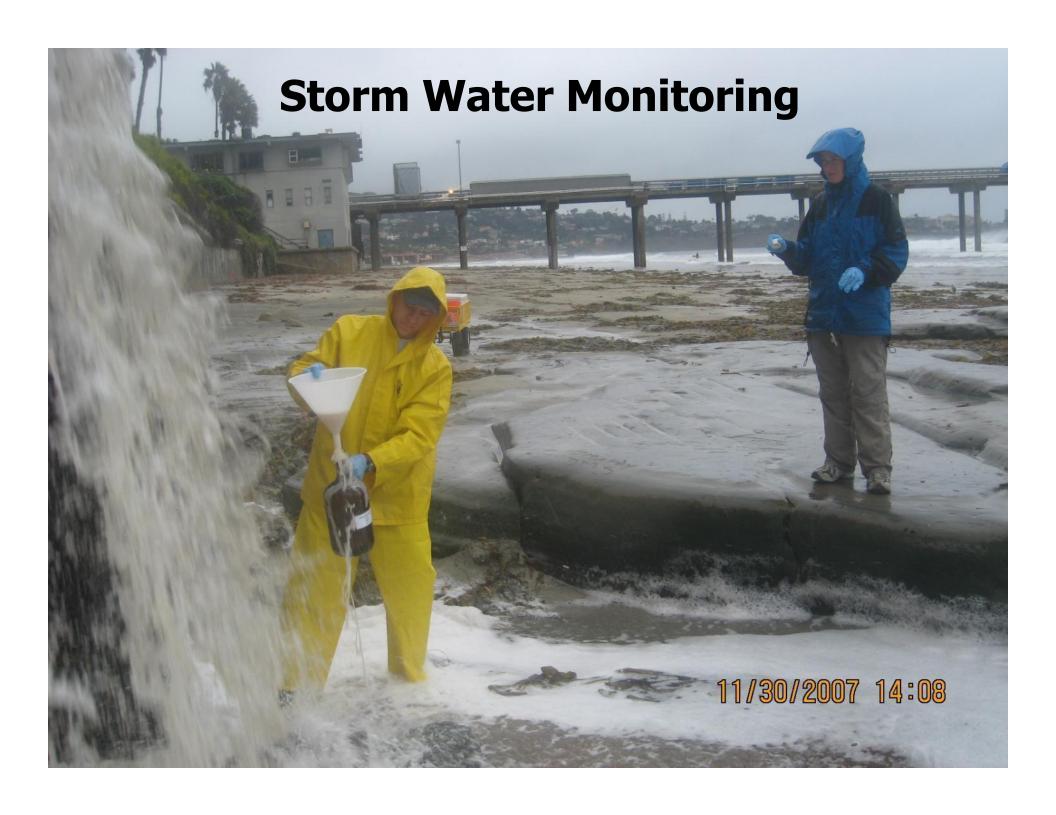
Monitoring Results Total Suspended Solids Large Media Filter



Monitoring Results Total Coliform Large Media Filter







Receiving Water Monitoring



Ecosystem Assessment: biological community monitoring, bioaccumulation studies, public use studies, and toxicity evaluations near





Pilot study to perform "real time" toxicity testing in the receiving water



































