



Stormwater

Newsletter

Winter 2009

Car Washing: A Threat to Water Quality?

A study was conducted by the Surface Water Management Division of Public Works in Federal Way, WA to assess the impacts of car washing on local surface waters and, ultimately, the Puget Sound. Pollutants measured from five charity car washes were then converted to show yearly amounts of pollutants from residential car washing. These annual amounts of pollutants were estimated to be:

- ~190 gallons of petroleum hydrocarbons (gasoline, diesel, and motor oil)
- ~14 pounds of dissolved Copper
- ~400 pounds of nutrients (Phosphorous and Nitrogen)
- 2,200 pounds of surfactants
- 34,000 pounds of sediments

This data showed that significant amounts of stormwater contaminants are generated from residential car washing. Stormwater carries these pollutants, soapy water and all, to storm drains and, eventually, to surface waters. To read the article, click on: <http://www.stormh2o.com/september-2009/residential-car-washing-1.aspx>



Photo courtesy of King County, Washington

Stormwater SOPs & BMPs

As of December 31, 2009, all municipal operations are required (by state permit) to implement Standard Operating Procedures (SOPs) for stormwater pollution prevention. PACE has developed 18 different SOPs including:

- Fleets Maintenance
- Facilities and Building Maintenance
- Parks, Golf Course and Open Space Maintenance
- Pressure Washing and Exterior Cleaning
- Street Maintenance and Repair
- Spill Clean up and Reporting
- Waste Management and Disposal

PACE has also updated our Best Management Practices (BMPs) for Stormwater Library. These BMPs (and SOPs) can be found on the PACE website at: <http://www.bouldercolorado.gov/www/pace/government/index.html>.

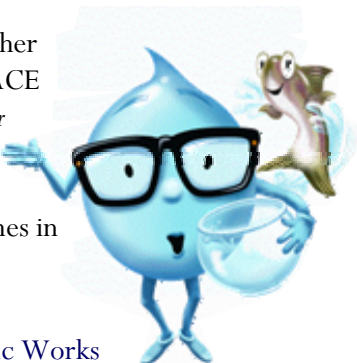
All SOPs and BMPs should be placed in your "Stormwater Pollution Prevention Plan" binder or saved in a shared drive. Contact a PACE representative today for assistance with these documents. (See back page for contact numbers.)

Always use a commercial or municipal car wash to prevent discharge of pollutants to storm drains.

Do you know who to call to report stormwater discharges?
(See page 3 for the answer.)

2009 Stormwater Heroes

A “stormwater hero” is anyone who has reported, prevented, or cleaned up an illegal or threatened discharge, implemented Best Management Practices (BMPs) or good housekeeping practices, and/or has taken other actions to prevent stormwater pollution. PACE recognizes these employees in the *Stormwater* newsletter and each nominee has a chance to win 1 of 4 - \$25 gift certificates in December. (Gift certificate winners are names in **bold font**).



2009 Stormwater Heroes:

- **Mike Emarine**, City of Boulder, Public Works
- **Chris McFarland**, Boulder County Architects
- **Roy Chambers**, City of Longmont, Public Works
- **Frank McIlwain**, Town of Erie Public Works
- Iris Sherman, Boulder County Public Health
- Alice Guthrie, City of Boulder, Parks and Recreation

PACE would like to recognize and thank all employees who have attended stormwater training this year. We enter all attendee's names in a raffle and draw 5 names at the end of the year. The winners receive a \$15 gift certificate.

2009 Training Raffle Winners:

- **Eddie McCarthy**, City of Louisville, Public Works
- **Zack Meddaugh**, City of Boulder, Public Works
- **Joseph Alegre**, City of Longmont, Parks & Rec
- **Jennifer Kesler**, Boulder County, Parks & Open Space
- **Drew Barber**, Town of Erie, Parks & Rec

(Some municipalities may choose to reward these employees separate from or in addition to the PACE Program's recognition.)

Do You Know?

Answer: Each municipality has its own stormwater response personnel. Please go to <http://www.KeepItCleanPartnership.org/> and click on “Links and Resources” to see your local contact.

Take the Pledge!

The Keep It Clean Partnership and PACE program have developed a stormwater pledge program. Municipal employees can take the pledge following stormwater training or by contact PACE Program staff.

Take the Stormwater Pledge to:

- **Locate & Block** storm drains near your worksite
- **Recognize & Report** any materials (other than rainwater or snowmelt) that may enter storm drains
- **Cover & Contain** any materials stored outside

Employees who take this pledge will be eligible for prizes and gift certificates through the Stormwater Heroes Program and will receive a BPA-free water bottle. PACE will be tracking pledges and following up with each department to see if reports or actions have increased.

Remember: Stormwater pollution prevention is your responsibility!

Contacts & Resources

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Websites

www.PacePartners.com
www.KeepItCleanPartnership.org
www.BoulderCountyHealth.org