

# Pavement Cleaning BMPs For California Roadway Sweeping

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## Minimizing Stormwater Runoff Pollution Through Sweeping Program Maximization

This *free* sweeping information seminar is limited to 100 attendees per location, although additional personnel are encouraged to come see the manufacturers' information and equipment. The seminar will be conducted at the following times and locations. (Click on location for MapQuest map):

**Date:** Friday, May 5th, 10am to 3:30pm  
**Where:** [Orange County Fair and Exposition Center](#)  
88 Fair Drive, Costa Mesa, CA 92626

**Date:** Monday, May 8th, 10am to 3:30pm  
**Where:** [Leininger Center](#)  
1300 Senter Rd., San Jose, CA 95112

**This is your opportunity to learn how to best plan and implement pavement sweeping programs designed to maximize water quality benefits.**

Presenters are two of the top power sweeping experts in the U.S.



**Roger Sutherland, P.E., president of [Pacific Water Resources](#)**, and one of the most prolific authors of sweeping program testing and stormwater runoff simulations in America. Sutherland will summarize the conclusions of his and other sweeping industry studies, including how to gauge benefits from relative sweeping frequencies, assessing types of sweepers for differing applications, tandem sweeping benefits, and relative cost-effectiveness of sweeping vs. post storm drain pollutant removal.



**Ranger Kidwell-Ross, M.A., editor of [WorldSweeper.com](#)**. Kidwell-Ross was founder and, for a decade, editor of the now discontinued *American Sweeper* magazine. In 2005, he founded [WorldSweeper.com](#), 'Earth's Largest Power Sweeping Resource.'<sup>SM</sup> Since he became involved in the power sweeping industry in the mid 1980s, Kidwell-Ross has been the world's most prolific author on the application of power sweeping, including the award-winning reports on sweeping he produced while in Asia, Australia and Europe. He is also the author of the award-winning 'how to guide' to contract sweeping, 'Fundamentals of the Power Sweeping Business.'

## This targeted educational workshop will include:

- The latest national and international developments in pavement cleaning equipment.
- Presentation on where the pollutants come from, what are their characteristics on the street, washoff, etc., including recent testing of pickup performance and its effect on reducing nonpoint pollution reduction and water quality improvement.
- Information on how to estimate your loading reduction, from a simple first-cut estimate that the local jurisdiction can do to the more exacting estimates made from washoff modeling that usually require a consultant.
- Presentation on how to develop an effective pavement cleaning program from the perspective of nonpoint source pollution control.

*Attendees will leave with information that allows them to evaluate their current pavement cleaning program themselves, including doing a first-cut estimate on pollution reductions.*

## Schedule for both events:

- **10:00-10:10:** Introduction to speakers and the seminar
- **10:10 - 11:00:** An overview of current equipment and trends in sweeping; studies and other information base available at [WorldSweeper.com](http://WorldSweeper.com).
- **11:00 - 12:00:** Model- and brand-specific sweeper information from manufacturers' representatives.
- **12:00 - 1:30:** Lunch, outside examination of sweeping equipment
- **1:30 - 3:00:** An in-depth analysis of stormwater-specific sweeping information:
  - what is being found on streets,
  - how does it get there,
  - chemical characteristics,
  - how it washes off,
  - introduction to SIMPTM modeling analysis,
  - how it differs from SWMM modeling analysis,
  - why modeling matters,
  - how modeling can be used to estimate pollutant loading and reduction by individual sweepers,
  - sweeping frequency and its effect on TMDL compliance,
  - what are the outputs, e.g., graphs, etc.
- **3:00 - 3:30:** Establishing a cost-effective cleaning program for nonpoint source pollution control.
- **3:30 - 4:30:** Sweeper manufacturers' equipment demonstrations, by request.

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If you have questions, please [send us an email](#) or call 360-724-7355, after 9am, Pacific.

You may reserve your seminar spot online by going to:  
[www.worldsweeper.com/Seminar/contact.html](http://www.worldsweeper.com/Seminar/contact.html)

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