

Ideas for Storm Water Awareness Week Workshops:
Here are just a few ideas to get your creative juices going ...

Construction:

- BMP design and selection
- Feature a specific BMP (especially in the field)
- Preventing track out
- Wind erosion prevention
- Managing stockpiles
- QSP inspection and monitoring refresher
- How to collect representative samples and to calculate NALs
- How to prepare annual reports and ad hoc reports
- How to populate and use the SMARTS Post-Construction Calculator
- Storm Water 101 for LRPs
- Using active treatment systems
- Site stabilization techniques
- Runoff / run-on protection and energy dissipation
- Stabilizing slopes
- How to manage Caltrans projects

Industrial:

- An overview of the new IGP requirements
- Inspections and sampling under the new permit
- NALs and how do they work
- An overview of the QISP training program
- How to prepare an ERA Level 1 and 2 Action Plans and Technical Reports
- NECs and NONAs
- Compliance groups
- How to reduce metals in storm water discharges
- How to reduce nitrates in storm water discharges
- How to manage plastic pellets
- What is required of facilities that are under the Ocean Plan or in an ASBS
- BAT/BCT ... what is it and how do you know if you have met it
- Required SWPPP Revisions
- Determining what analytes to test for

Municipal:

- Establishing Legal Authority
- Preparing an effective education and outreach program
- How to encourage citizen groups
- Implementing an effective IDDE program
- Identifying and mapping outfalls
- IDDE sampling
- Performing MS4 construction inspections
- How to review ESCPs / SWPPPs
- How to inventory and evaluate municipal-owned facilities (you might want to hold this class in the field at one or more municipal-owned facilities)
- Prioritizing storm drain maintenance activities
- Secrets on how to clean storm drain systems
- IMP and landscape design and maintenance
- Grasscycling (in the field at a park)
- Incorporating water quality and habitat enhancement features into flood management facilities
- Meeting the new permit's post construction LID and hydromodification requirements
- Regional TMDL monitoring programs

Laboratories:

- Good sample management: Hold times, preservatives, and sample containers
- How to read a laboratory report and what is all that QA/QC stuff about?
- Electronic data deliverables – how does it work with SMARTS?
- Method detection levels, reporting limits, and j-flags
- What laboratory method is best for the analyte that I need to test
- Mistakes made in the field that cause problems for the lab
- Heavy metals: what are they and what do I need to test for?
- Oil & Grease, TOC, and TPH – what is the difference?
- BOD, COD, and dissolved oxygen and how they relate to each other
- Solids: TDS, Settable Solids, TSS, Turbidity, and Conductivity
- Nutrients: ammonia, nitrates, nitrites, total nitrogen – what are they and how are they reported
- A tour of the laboratory