



**DEPARTMENT OF TOXIC SUBSTANCES CONTROL
REGISTERED ENVIRONMENTAL ASSESSOR
(REA) E-NEWSLETTER**

September/October 2011

Hello REAs!

In this quarterly issue of the REA E-News, the California Department of Toxic Substances Control (DTSC) features news, useful Web sites, training and information on upcoming events.

We want to hear from you! Please contact us with any comments or ideas you have about the REA E-News (what you like and do not like), the REA Program in general, or suggestions on how we can better assist you. Your input is very important to us and we hope you will let us know how we are doing by completing our survey online at the link below.

Survey Link:

<http://www.surveykey.com/s.cfm?SID=6D4AFF43-FF9E-87C0-4BA41DB83A4DDF51>

Please Note: The program is unable to participate in the LinkedIn, Facebook or website connections because of staff shortages and it consumes too much time.

Please verify your contact information and update us with changes at [REA Online Update Form](#) or send changes to REA_Mailbox@dtsc.ca.gov

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**DEPARTMENT OF TOXIC SUBSTANCES CONTROL (DTSC)**

**Environmental Chemistry Laboratory (ECL) Seminars**

Join the ECL as they present their ongoing Seminar Series. The presentations occur on periodic Wednesdays from 2 to 3:30 P.M. in the Berkeley Conference Room and via Webinar. Seminars cover a wide range of topics from internal and external experts.

**Legally Poisoned: How the Law Puts Us at Risk from Toxicants** - Carl Cranor, Ph.D., Department of Philosophy, University of California. Seminar held September 14.

**Arsenic Detection Using Nanoparticles** - Martin J. Mulvihill, Ph.D., UC Berkeley Center for Green Chemistry and School of Public Health will speak. Seminar held October 12.

**Note:** Both seminars held at the Berkeley Regional Office, 700 Heinz Avenue, Berkeley, CA 94710. If you have special accommodation, accessibility, or language needs please contact me at (916) 327-4263 or [modochar@dtsc.ca.gov](mailto:modochar@dtsc.ca.gov) to ensure appropriate arrangements can be made. TTY/TDD/Speech to Speech users may dial 7-1-1 for the California Relay Service.

**Alternatives Analysis III: Industry Practices in Product Research and Development Workshop:** Cal/EPA Headquarters, Byron Sher Auditorium, September 15, 8 A.M. to 5 P.M. Open to the public. Coordinator: Sarah Berry [sberry@dtsc.ca.gov](mailto:sberry@dtsc.ca.gov)

**\*Statewide Mercury Collection Hearing:** Cal/EPA Headquarters, Byron Sher Auditorium, October 3 at 9 A.M. to 5:30 P.M. Open to the public. Coordinator: Matthew Mullinax [mmullina@dtsc.ca.gov](mailto:mmullina@dtsc.ca.gov)

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CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY (CAL/EPA)

Basic Inspector Course: Classroom [CST109]: This two day course provides an overview of all aspects of inspection preparation, conduct, and follow-up and introduces various federal environmental laws and regulations on September 20 & 22. [Delivery Details](#) [Register](#)

CST315: Civil/Criminal Enforcement Training V: This two-day event provides legal training for enforcement and technical staff. Training held September 28 - 29, 9 A.M. to 5 P.M. [Delivery Details](#)

For information on Cal/EPA meetings or workshops go to [Cal/EPA Live Webcasts](#) for technical requirements and links.

For information on courses offered in the upcoming months visit the web sites below:

[Course Schedule](#) [Air Pollution Training Institute Consolidated Air Training Calendar](#)

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**STATE WATER RESOURCES CONTROL BOARD (SWRCB) & REGIONAL WATER QUALITY CONTROL BOARDS (RWQCBs)**

**26<sup>th</sup> Annual WaterReuse Symposium:** The Symposium is the world's preeminent conference devoted to water reuse and desalination; features prominent speakers who present the latest information on applications, technologies, health and safety, funding, and legislative and regulatory activities. Also, features an exhibit hall, technical tours, an awards luncheon, and an array of networking opportunities. Symposium held September 11-14. <http://www.watereuse.org/conferences/symposium>

**28<sup>th</sup> Biennial Groundwater Conference:** This year's conference will focus on the unprecedented water resources challenges that California faces, including conditions exacerbated by climate change, drought, the debate over groundwater management at local or state levels, legal decisions, infrastructure funding, a failing Delta ecosystem, and a tenuous economy. Conference held October 5-6, Sacramento. <http://www.grac.org/am2011.asp>

For information on SWRCB and RWQCB meetings and activities, visit the web site below. [http://www.waterboards.ca.gov/board\\_info/agendas/](http://www.waterboards.ca.gov/board_info/agendas/)

**Online Stormwater BMP Courses:** Office of Water Program (OWP) is now offering new courses based on the Stormwater Best Management Practice (BMP) Handbooks. Each course consists of two components, the CASQA BMP Handbook and course enrollment. Enrollment includes a study guide on CD-ROM, and access to the final exam. Two continuing

education units (CEUs) will be awarded for passing each final exam. A certificate will be issued for each completed course.

Online Stormwater BMP Courses Web site: [Office of Water Programs](#)

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## AIR RESOURCES BOARD (ARB)

**\*SES Public Meeting:** Cal/EPA Headquarters, Byron Sher Auditorium on September 1, 9 A.M. to 5 P.M. Coordinator: Aubrey Sideco [asideco@arb.ca.gov](mailto:asideco@arb.ca.gov)

**Course #101: Uniform Air Quality Training Program (UAQTP):** The UAQTP is a series of 14 sections providing an introduction to air pollution control and enforcement. You will learn the basics of air pollution history, the evolution of air pollution laws and regulations, control equipment, and inspection procedures associated with proper compliance inspections. Click on dates for more information: [09/19/2011 - 09/22/2011](#) and [Register Online](#)

**\*Low Carbon Fuel Standards (LCFS) Public Workshop:** Cal/EPA Headquarters, Byron Sher Auditorium, on October 28, 9 A.M. to 5 P.M. - Coordinator: Aubrey Sideco [asideco@arb.ca.gov](mailto:asideco@arb.ca.gov)

**CA/EPA's Basic Inspector Academy:** Cal/EPA's Basic Inspector Academy - Introduction for new Inspectors in environmental crimes. Course held [09/13/2011 - 09/16/2011](#) at Los Angeles Media Center-LA and held [11/14/2011 - 11/17/2011](#). Click on dates for more information.

For more information on ARB classes, training, and workshops visit the web sites below.

Web site: [ARB Training](#) - ARB [Courses](#) - Web site: [Air Pollution Seminar Series](#)

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## DEPARTMENT OF RESOURCES RECYCLING AND RECOVERY (CALRECYCLE)

**\*CalRecycle Monthly Public Meeting:** Cal/EPA Headquarters, Byron Sher Auditorium, September 20, 10 A.M. to 5 P.M. - Coordinator: Roberta Crittenden [Roberta.Crittenden@CalRecycle.ca.gov](mailto:Roberta.Crittenden@CalRecycle.ca.gov)

**\* Integrated Waste Tire Management Plan Framework for Baja California Workshop:** Cal/EPA Headquarters, Byron Sher Auditorium. October 18. 1 P.M. to 4 P.M. Coordinator: Monica Rodriguez [Monica.Rodriguez@CalRecycle.ca.gov](mailto:Monica.Rodriguez@CalRecycle.ca.gov)

**Workshop: Department of Resources Recycling and Recovery – CalRecycle:** Cal/EPA Headquarters, Byron Sher Auditorium, October 19 at 10 A.M. to 5 P.M. - Coordinator: Monica Rodriguez [Monica.Rodriguez@CalRecycle.ca.gov](mailto:Monica.Rodriguez@CalRecycle.ca.gov)

For more information on events visit the web site at: [CalRecycle Calendar](#)

\*All meetings take place at the Cal/EPA Building, 1001 I Street, Sacramento, CA.

**Please check dates 10 days before meetings to confirm.** Go to [Cal/EPA Live Webcasts](#) for technical requirements and links.

Agendas are available approximately 10 days before the meeting date: [Agricultural Pest Control Advisory Committee \(APCAC\)](#), [Pest Management Advisory Committee \(PMAC\)](#), [Pesticide Registration and Evaluation Committee \(PREC\)](#), and [Air Monitoring Network](#)

**SWANA Landfill Symposium:** Landfill Symposium and Fall Training Center Orlando, Florida - October 31 - November 3, 2011. [For registrations or more information, please click here.](#)

LEA Training Web site: <http://www.calrecycle.ca.gov/LEA/Training/>

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## OFFICE OF ENVIRONMENTAL HEALTH HAZARD ASSESSMENT (OEHHA)

**2011 Green Technology Summit:** The *Green California Schools Summit* will be held at the same time as the *Green California Community Colleges Summit*. One Expo will serve both Summits, enabling exhibitors to reach decision makers from both of these markets. Summit held October 17-19, at the Pasadena Convention Center, Pasadena, CA. [Click here](#) for more information.

**10th Green Festival Conference:** Green Festival is thrilled to celebrate its 10<sup>th</sup> Anniversary November 12-13, at the San Francisco Concourse Exhibition Center. For more information click on the web site: [Green America/Global Exchange](#)

**Notice is Here By Given:** The Office of Environmental Health Hazard Assessment (OEHHA) within the California Environmental Protection Agency is adding *imazalil* (CAS No. 35554-44-0) - *sulfur dioxide* (CAS No. 7446-09-5) and *α-methyl styrene* (CAS No. 98-83-9) to the list of chemicals known to the state to cause cancer for purposes of the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65). The listing of *imazalil* was effective May 20, and the listing of *sulfur dioxide* and *α-methyl styrene* was effective July 29, 2011.

A complete, updated [Proposition 65 list is available for download as a pdf file here.](#)

Web site: [Proposition 65](#)

OEHHA News and Information Web site: [www.oehha.ca.gov](http://www.oehha.ca.gov).

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## OTHER EVENTS, TRAINING & NEWS

### EVENTS

**NGWA Focus Conference on Fractured Rock and Eastern Groundwater Regional Issues**  
You will have the opportunity to interact with other groundwater professionals, meet state and regional regulators and resource managers, compare characterization techniques and remedial solutions, and explore policy initiatives regarding the fractured rock environment. Conference held September 26-27, Burlington, Vermont. Click on title for more information.

**WaterSmart Innovations Conference and Exposition:** Presented by the Southern Nevada Water Authority in partnership with the U.S. Environmental Protection Agency's WaterSense Program. Conference in Las Vegas, Nevada on October 5-7. Click on the title for more information.

**2011 Water Quality Technology Conference:** This event provides a practical forum for the exchange of the latest research and information. The technical program will cover all aspects of water quality and technology and will include a variety of topics such as: biological treatment, disinfection byproducts, practices, system issues, and health effects and endocrine disrupting compounds/micro constituent's issues. Conference held November 13-17 in Phoenix, Ariz. Click [Water Quality Technology Conference and Exposition](#)

For information on upcoming 2011 Conferences visit the web site below:  
<http://eponline.com/calendar/full-calendar.aspx>

## TRAINING

### CALIFORNIA COMMUNITY COLLEGES

**University Of California Davis Extension (UCD):** UC Davis Extension offers Environmental Health and Safety and also Environmental Management courses, such as: Health and Safety Training for Hazardous Waste Workers; Clandestine Drug Lab Cleanup – HAZWOPER Supplement; Toxic and Environmental Laws and Regulations; Environmental Management Systems – An Overview; Hazardous Materials Transportation; Environmental Planning and Site Analysis; and Dynamics of Risk Communication.

For 2011 UCD Upcoming Sacramento courses visit the web site below:  
[UC Davis Extension Areas of Study](#)

#### Class courses:

[Green Building, Sustainability, and Renewable Energy Information Session](#) - September 7

[LEED for Existing Buildings: Operations + Maintenance](#) - October 26

Online course: [http://extension.ucdavis.edu/renewable\\_energy](http://extension.ucdavis.edu/renewable_energy) - September 13

Online course: [LEED Building Certification](#) - October 24

#### 2011 UCSC Spring & Summer Courses at Santa Clara / Silicon Valley Campuses:

UCSC Extension offers courses and full certificate programs to meet the needs of new and experienced EH&S professionals. Topics include: environmental safety and health; hazardous materials; hazardous waste; and occupational safety and health. Contact: E-mail [program@ucsc-extension.edu](mailto:program@ucsc-extension.edu) or call (408) 861-3860. For inquiries email: [extension@ucde.ucdavis.edu](mailto:extension@ucde.ucdavis.edu)

[Regulatory Framework for Toxic and Hazardous Materials](#) - September 7 - September 28

[Waste Stream Management](#) - September 12 - November 7

[Hazardous Waste Handling and Awareness Training](#) - October 20

For 2011 upcoming courses visit the web site at: [www.ucsc-extension.edu/ehs](http://www.ucsc-extension.edu/ehs)

## **NORTHWEST ENVIRONMENTAL TRAINING CENTER (NETC)**

**SEMS/ICS/NIMS:** This class provides the SEMS /ICS/NIMS compliance training for state and public agency employees. This training is mandated by (FEMA) Federal Emergency Management Agency, (DHS) Department of Homeland Security and (CalEMA), California State Emergency Management Agency as per the Homeland Security Presidential Directive 5. And the California Emergency Act. Class September 7, room TBA, cost \$110.

**Underground Storage Tank Designated Operator Exam Preparation:** Class September 23  
[Link to more information about Underground Storage Tank Designated Operator Exam Preparation](#)

**Note:** Both courses held at NETC at 3000 Mission College Blvd., Santa Clara, CA. Contact: Michael Hall (408) 855-5584 or [mike.hall@wvm.edu](mailto:mike.hall@wvm.edu)

For more information on other courses visit the link: [Northwest Environmental Training Center](#)

**Department of Transportation (DOT)/Hazardous Materials Regulations (8 hours):** This course covers the DOT Hazardous Materials Regulations governing the transportation of hazardous substances and fulfills the DOT 49 CFR Hazardous Materials Transportation required by DOT. Course held September 10 at the San Diego Environmental Training Center, Cuyamaca College, 900 Rancho San Diego Parkway, El Cajon, CA 92019. Room TBD. Fee is \$75 for book/student materials and certificate. Contact: Jennifer Lewis at (619) 660-4020 or Email: [Jennifer.Lewis@gcccd.edu](mailto:Jennifer.Lewis@gcccd.edu)

For information on scheduled classes visit the web site: [www.envtraining.org/calendar](http://www.envtraining.org/calendar)

To register click on link [www.gcccd.edu/ce/](http://www.gcccd.edu/ce/) then, click WebAdvisor under News & Updates.

## **MIDWEST GEOSCIENCES GROUP**

**Aquifer Testing for Improved Hydrogeologic Site Characterization:** This two-day training course on aquifer testing design, field methods, and data analysis techniques featuring AQTESOLV and the In-Situ Level TROLL. This course will provide you with the knowledge to master aquifer testing from beginning to end--using the latest field methods, aquifer test analysis software and world-class field equipment. Course held October 5 & 6 at Fort Collins, Colorado In-Situ, Inc. Headquarters. Register by phone at (763) 607-0092 or click on link to register online: [customerservice@midwestgeo.com](mailto:customerservice@midwestgeo.com).

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Please Read Carefully – Clarification on the Practice of Geology

The REA Program has found there is some confusion among REAs of what is considered the practice of geology. Below is a brief description of activities for sites in California that is considered to be the practice of geology by the California Department of Consumer Affairs Board for Professional Engineers, Land Surveyors, and Geologists:

Soil or groundwater sampling, boring logging, geologic mapping, well design, sampling and analysis plan for soil and ground water, and any other subsurface data collection and interpretation which constitute the practice of geology as defined in the Geologists

and Geophysicist Act Section 7802 must be performed under a Professional Geologist or Professional Engineer - Civil - who maintains responsible charge of work. Please see the link below at the end of this message to review the enforcement cases which illustrate that soil sampling, etc constitute the practice of geology.

If REAs engage in such practice, it must be under the responsible charge of work by a California Professional Geologist (PG) or Professional Engineer – Civil (PE-civil). So that the REA Program does not inadvertently support the unlicensed practice of geology, and to protect REAs from inadvertently performing the unlicensed practice of geology, REA Program requires that the name and license number of the PG or PE-Civil who maintained responsible charge of work must be provided in new or five year renewal applications when the experience described involves elements of the practice of geology.

Here is the website for the BPELSG Geology Program. By clicking on the enforcement tab, citations and administrative actions can be reviewed which may illustrate the practice of geology as described above: <http://www.geology.ca.gov/>

NEED TO VERIFY THE STATUS OF A LICENSED GEOLOGIST OR GEOPHYSICISTS?

Please click the links below for directory and search of licensees:

[Click here to look up Professional Engineers and Professional Land Surveyors](#)

[Click here to look up Professional Geologists and Geophysicists](#)

Web site: <http://www.pels.ca.gov/>

REA E-News, September 2011