



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

November/December 2011

**Hello REAs!**

In this quarterly issue of the REA E-News, the California Department of Toxic Substances Control (DTSC) features news, important notices, 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:** Our survey link is now operational.

<http://www.surveykey.com/s.cfm?SID=8295F032-FF9E-87C0-4BC90467B49A5021>

**Please Note:** The program is unable to participate in the LinkedIn, Facebook or website connections because of staff shortages and 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](mailto:REA_Mailbox@dtsc.ca.gov)  
(Underscore)

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

**Hazardous Waste Management In CA:** The course covers: Waste identification; hazardous waste generator standards; container and tank standards; preparedness, prevention and training plans; transportation; onsite treatment; recycling in California; universal waste rule standards; pollution prevention and best environmental practices: SB 14; basic hazardous waste inspection, and six steps for sustainability. Held November 4 at 9 A.M. to 3:30 P.M. Cost: \$99.00 Parking: \$2.00

**Overview Of Hazardous Waste Generator Standards & Best Environmental Practices At Laboratory Training:** You will gain a general understanding of the definition of waste, and hazardous waste; the basic hazardous waste generators requirements, basic concept of pollution prevention, and chemicals alternatives, be able to apply information to your workplace and know where to go for more information. Held January 9, at 9 A.M. to 11 A.M. Cost \$45.00 Parking \$2.00

**Overview Of Hazardous Waste Generator Standards & Best Environmental Practices At Textile Industry Training:** You will gain a general understanding of the definition of waste, and hazardous waste; the basic hazardous waste generators requirements; Be able to apply information to your workplace; the basic concept of pollution prevention, dyes chemicals alternatives; and know where to go for more information. Held January 19, at 9 A.M. to 4 P.M. Cost \$45.00 Parking \$2.00

**Note:** All three courses held at the LA/OC Environmental Training Center, 1830 W. Romneya Drive, Anaheim, CA 92801. For More Information or To Register Contact: Taffy Kennedy 714-808-4613 [tkennedy@sce.edu](mailto:tkennedy@sce.edu) or Linda Bouman 714-808-4614 [lbouman@sce.edu](mailto:lbouman@sce.edu) and Perla Fickenscher 714-808-4620 [pfickenscher@sce.edu](mailto:pfickenscher@sce.edu)

**CA/EPA's Basic Inspector Academy:** Introduction for new Inspectors in environmental crimes. Class held in Woodland, CA November 14 -17, at 9 A.M. to 2 P.M. Contact: Alan Ito [Alto@dtsc.ca.gov](mailto:Alto@dtsc.ca.gov)

**DTSC Vapor Intrusion Guidance (VIG) Documents:** DTSC generated our interim final VIG in 2004 due to growing national concern about this exposure pathway. DTSC received more than 370 public comments on the Guidance and a Response to Comments document was generated and posted on our website. The VIG was revised pursuant to the public feedback and updated to reflect the current scientific understanding of the pathway. The VIG companion document, Vapor Intrusion Mitigation Advisory (VIMA), was generated in April 2009 and remained open to public comment through the autumn of 2009. DTSC revised VIMA in response to comments received and is issuing Version 1 of VIMA in conjunction with finalizing the VIG. Also, two short documents are posted that summarize the VIG and VIMA changes.

The revised VIG and VIMA documents can be found at:  
[http://www.dtsc.ca.gov/SiteCleanup/Vapor\\_Intrusion.cfm](http://www.dtsc.ca.gov/SiteCleanup/Vapor_Intrusion.cfm)

Please note that DTSC will complete our Vapor Intrusion Public Participation Advisory and revised Active Soil Gas Investigation Advisory by year-end. Contact: Dan Gallagher [dgallagh@dtsc.ca.gov](mailto:dgallagh@dtsc.ca.gov) or call at 916-255-6536.

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**CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY (CAL/EPA)**

**Enforcement Case Development and Resolution (CARB 345) [CST153]** - November 8 – 10  
Phoenix, AZ [Delivery Details](#)

**Civil/Criminal Enforcement Training V [CST315]** - November 9 – 10  
Dallas, TX [Delivery Details](#)

**40-Hour SPCC/FRP Inspector Training Course [CWA117]** - December 5 – 9  
Philadelphia, PA [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)

**\*Proposition 84 Stormwater Grant Program - Implementation Concept Workshop:** Cal/EPA Headquarters, Byron Sher Auditorium, held December 14 at 10 A.M. to 12 P.M. Coordinator: Steven McMasters [smcmasters@waterboards.ca.gov](mailto:smcmasters@waterboards.ca.gov)

**\*Tribal Advisory Committee Meeting for California Water Plan Update 2013:** Update 2013 aims to improve relationships between State agencies and California Native American Tribes and thereby improve the overall comprehensiveness and quality of the plan. This includes establishing a Tribal Advisory Committee. Meeting held December 15. For more information visit the web site: [Tribal Advisory Committee Meeting for California Water Plan Update 2013](#)

**2011 Water Quality Technology Conference/Exposition:** Conference held in Phoenix, AZ November 13-17. For more information visit the web site below:  
<http://www.awwa.org/Conferences/wqtc.cfm?ItemNumber=32120&navItemNumber=3545&showLogin=N>

**2nd Groundwater Resources Management-Adaptation Measures to Water Scarcity:** This will evaluate the progress made in groundwater management and explore the area where further progress can and should be made as well as identify the needs for legal, institutional and policy instruments and their links to science. Conference held November 30 - December 3, in Irvine, CA. For more information visit the website link. [UC Irvine and UNESCO](#)

**2011 International Conference on Water and Society:** This first International Conference aims to provide a multi-disciplinary forum for the presentation and discussion of many issues affecting water resources today. Conference held December 5-7, in Las Vegas, NV. Visit the link for more information. [Wessex Institute of Technology](#)

For information on SWRCB and RWQCB meetings and activities, visit the calendar web site: Calendar [Nov](#) | [Dec](#)

**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)

**Course #290.3: Chrome Plating ATCM - Regulator Training:** This one-day course is for environmental regulators interested in the new regulations of the Airborne Toxic Control Measure. Course held in Fresno. Click on dates for more information. [11/08/2011](#).

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

**Course #101: Uniform Air Quality Training Program (UAQTP):** This is a series of [14 sections](#) providing an introduction to air pollution control and enforcement. Course held in Sacramento. Click on dates for more information. [11/15/2011](#) - [11/18/2011](#)

**\*ARB Research Seminar:** Cal/EPA Headquarters, Sierra Hearing Room, seminar held November 30 at 1 P.M. to 3:30 P.M. - December 6, 1:30 A.M. to 3:30 P.M. and December 8 at 10 A.M. to 11:30 A.M. Coordinator: Peter Mathews [pmathews@arb.ca.gov](mailto:pmathews@arb.ca.gov)

**Course #395: Fugitive Emissions Operator Training:** This one-day course provides training in fugitive emissions monitoring procedures for technical field staff at refineries, marketing terminals, and oil and gas production facilities. Course held in Diamond Bar. Click on date for more information. [12/07/2011](#)

**\*Course 512: Diesel Vehicle Regulation Overview:** Cal/EPA Headquarters, Sierra Hearing Room held December 21 at 9 A.M. to 5 P.M. Coordinator: Danielle Chambers [dchamber@arb.ca.gov](mailto:dchamber@arb.ca.gov)

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)**

**Household Hazardous Waste Information Exchange** The information exchange provides a forum for the HHW and Used Oil Recycling Program grantees and associates to share program ideas, success stories and training. Held November 8, click title for location.

**\*CalRecycle Monthly Public Meeting:** Cal/EPA Headquarters, Byron Sher Auditorium, held November 15; December 13 and January 17 at 10 A.M. to 5 P.M. Coordinator: Roberta Crittenden [Roberta.Crittenden@CalRecycle.ca.gov](mailto:Roberta.Crittenden@CalRecycle.ca.gov)

**\*CalRecycle Workshop:** Cal/EPA Headquarters, Byron Sher Auditorium, held December 12 at 10 A.M. to 12:30 P.M. and January 10-12 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](#)

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

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**DEPARTMENT OF PESTICIDES REGULATIONS (DPR)**

**\*Pest Management Advisory Committee (PMAC):** Cal/EPA Headquarters, Sierra Hearing Room, November 10 at 10 A.M. to 4 P.M. Coordinator: Veda Federighi [vfederighi@cdpr.ca.gov](mailto:vfederighi@cdpr.ca.gov)

**\*Pesticide Registration and Evaluation Committee (PREC):** Cal/EPA Headquarters, Sierra Hearing Room, November 18 and January 20 at 10 A.M. to 12:30 P.M.  
Coordinator: Amy Duran [aduran@cdpr.ca.gov](mailto:aduran@cdpr.ca.gov)

More information on DPR upcoming meetings visit the web site: [Calendar of public meetings](#)

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

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

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**OFFICE OF ENVIRONMENTAL HEALTH HAZARD ASSESSMENT (OEHHA)**

**\*Biomonitoring California - [Agenda for the November 10, 2011 Scientific Guidance Panel Meeting is now available](#)**

**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 Centre. For more information click on the web site: <http://www.greenfestivals.org/sf/updates/>

**Notice Is Here By Given:** OEHHA proposes to **amend** Title 27, California Code of Regulations section 25707. The proposed amendment to Section 25707<sup>1</sup> removes the reference to **hexavalent chromium** in Section 25707(b)(4) as posing no significant risk when ingested, based on recent scientific findings that establish that *chromium (hexavalent compounds)* can be carcinogenic by the oral route. The primary document relied upon for this amendment is the OEHHA document, Public Health Goals for Chemicals in Drinking Water: Hexavalent Chromium (VI)<sup>2</sup>, which was released on July 27, 2011. [Download a copy of this notice, the proposed modified text and the Initial Statement of Reasons, here](#)

**Notice Is Here By Given:** OEHHA within the Cal/EPA is adding *titanium dioxide (airborne, unbound particles of respirable size)* to the list of chemicals known to the State of California to cause cancer for purposes of the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65). The listing does not cover titanium dioxide when it remains bound within a product matrix. The listing of *titanium dioxide (airborne, unbound particles of respirable size)* is effective **September 2, 2011**.

Follow [this link to download the current Proposition 65 list that includes](#) titanium dioxide

To sort the updated list by CAS number or date, [please download the list as an Excel document](#).

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, NEWS & TRAINING

### NEWS

**AB291 Has Passed and Will Extend The 2 Cents Per Gallon Until December 31, 2013:** On Saturday October 8, 2011, Governor Brown signed bill, AB291 the bill to extend the 6/10ths of a cent UST fee for two years. He also signed AB358, the bill to "reform" some of the UST Fund approaches to paying for cleanups. AB358 was sponsored by California Association of Independent Oil Marketers (CIOMA) and makes some important changes in how cleanups are going to be managed and what part of the State government gets the "final word on cleanups."

### EVENTS

**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](#)

**2011 NGWA Ground Water Expo and Annual Meeting:** The NGWA Ground Water Expo offers cutting-edge educational programming, an exhibit hall with the latest in equipment and technological innovations, a multitude of networking opportunities, and much more. Groundwater professionals from all sectors of the industry, water well contractors, scientists and engineers, manufacturers and suppliers gather at the Expo to work together to advance today's and tomorrow's groundwater industry. Expo held November 29 – December 2 at the Las Vegas Convention Center, Las Vegas, Nevada. Click title for more information.

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

### TRAINING

**Introduction to Wetland Identification:** In this one-day combination classroom and field course, a nationally recognized wetlands expert will review the skills you need to identify freshwater wetlands and their boundaries and introduce you to wetland plant identification and soil recognition. Course held November 3 at the Rutgers University, New Jersey. Click title for more information.

### CALIFORNIA COMMUNITY COLLEGES

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

For 2011/12 UCD Upcoming Sacramento courses visit the web site below:  
[UC Davis Extension Areas of Study](#)

[Streambank Assessment and Restoration](#) – November 4

[Emergency Management Techniques](#) – November 16

[Indoor Air Quality Management](#) – December 1-2

[GIS for Watershed Analysis: Intermediate](#) – December 16

### **University Of California Santa Clara (UCSC) Extension Santa Clara/Silicon Valley**

**Campuses:** UCSC Extension offers courses and full certificate programs to meet the needs of new and experienced Environmental H&S professionals. Topics include: environmental and occupational H&S; environmental hazardous materials and waste. 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)

For 2011/12 UCSC 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:** The class provides SEMS /ICS/NIMS compliance training for state and public agency employees. Class November 2, Room TBA, cost \$110.

[Link to more information about SEMS/ICS/NIMS](#)

**Underground Storage Tank Designated Operator Exam Preparation:** Class November 18

[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)

**DOT 49 CFR Hazardous Materials Transportation:** Class held at the Business Environmental Resource Center (BERC), 3200 Freedom Park Drive, McClellan, CA 95652.

Class held November 3. Contact: Michael Hall (408) 855-5584 or [mike.hall@wvm.edu](mailto:mike.hall@wvm.edu)

[Link to more information about DOT 49 CFR Hazardous Materials Transportation](#)

**40 Hour HAZWOPER: INCLUSIVE DATES: 11/14, 11/15, 11/16, 11/17 & 11/18-MUST**

**ATTEND ALL FIVE DATES!!** 40 hour course provides federal and state certification for those who work with hazardous waste in any phase from management, operations, emergency response team or trainers, and site cleanup. Course satisfies the requirements for training under the OSHA 1910.120 and State of California regulation 5192 Title 8A certificate. A wallet card will be issued upon completion of the class. New fee is \$325 for book and certificate. State budget no longer covers costs associated with instruction.

**8 Hour HAZWOPER Refresher:** Class held December 9.

Required to remain certified and have completed a 40-Hour or 24-Hour OSHA training. This seminar will include lectures, table top exercises, and hands-on activities. A certificate will be issued upon completion of the class. Fee is \$75.00 for book & certificate.

**Note:** Both courses held at the Cuyamaca College at 900 Rancho San Diego Parkway, El Cajon, CA 92019 Room F-TBD Contact: Jennifer Lewis [Jennifer.Lewis@gcccd.edu](mailto:Jennifer.Lewis@gcccd.edu)

**To register for classes:** Go to [www.gcccd.edu](http://www.gcccd.edu). From that link, click WebAdvisor, then Continuing Ed, then register & pay for Cont. Ed. Classes, then Search For (Key Word) and type in 40 for 40 hr class and 8 for 8 hr class.

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

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.

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**Note:** The following information was presented in our previous newsletter and we have included it for the benefit of our New or Reinstatement REAs. Also, a clarification on the term “responsible charge of work” what it means.

### **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.

**Responsible Charge of Work Defined** - Geologists and Geophysicist Act Section Business and Professions Code 7805. The term "responsible charge of work" means the independent control and direction by the use of initiative, skill and independent judgment of geological or geophysical work or the supervision of such work. (REA is under the supervision of a current licensed PG or PE-Civil who is responsible for the elements of the practice of geology).

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

## **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, November 2011*