



U.S. Environmental Protection Agency  
Pacific Southwest / Region 9



*Serving Arizona, California, Hawaii, Nevada, the Pacific Islands and 148 Tribes*

Land Division  
Tribal Section • March 2017

75 Hawthorne Street, San Francisco, CA 94105  
866-EPA-WEST • [www.epa.gov/region9](http://www.epa.gov/region9)

## U.S. EPA Pacific Southwest Tribal Section Newsletter

### Recycle City

Visit Recycle City! EPA has added a new game — the Recycle City Challenge — to its education website that gives community members and decision-makers alike great ideas about promoting recycling and waste diversion. Recycle City includes games, helpful tips, and an interactive map! Explore Recycle City to see how to reduce waste, use less energy, and save money by doing simple things at home, work, and in your neighborhood.

[www.epa.gov/recyclecity/](http://www.epa.gov/recyclecity/)

### New Regional Sea Level Scenarios Help Communities Prepare for Risks

The National Oceanic and Atmospheric Administration (NOAA) released on January 19, 2017, new U.S. regional sea-level scenarios developed by NOAA and its partners to give coastal communities better, more localized data to help them plan for and adapt to the risk of rising sea levels to their economies and infrastructure. Here is the link to the NOAA press release, and the report: [www.noaa.gov/media-release/new-regional-sea-level-scenarios-help-communities-prepare-for-risks](http://www.noaa.gov/media-release/new-regional-sea-level-scenarios-help-communities-prepare-for-risks).

### National Tribal Waste Management Peer Matching Program – Fact Sheet

This fact sheet, Building Sustainable Tribal Waste Management Programs Through Collaboration, describes EPA's Peer Matching Program, which aims to strengthen tribal capacity building and develop sustainable waste management programs.

[www.epa.gov/tribal-lands/fact-sheet-epas-national-tribal-waste-management-peer-matching-program](http://www.epa.gov/tribal-lands/fact-sheet-epas-national-tribal-waste-management-peer-matching-program)

### Vector Control for Environmental Professionals

Captain Mike Herring (U.S. Public Health Service, retired) has provided a link to an online version of the course he helped develop: "Vector Control for Environmental Health Professionals." This course was funded by the Centers for Disease Control (CDC) and there is no charge for the training: [lms.southcentralpartnership.org/vcehp.php](http://lms.southcentralpartnership.org/vcehp.php).

### Preventing Vector-Born-Disease – Brown Dog Tick/ Rocky Mountain Spotted Fever Seresto Collars

Rocky Mountain Spotted Fever (RMSF) is a tick-borne disease that is transmitted to humans by the bite of infected ticks. RMSF is a serious illness that can be fatal if not treated correctly. This bulletin discusses the use of Seresto™ collars on dogs to combat the spread of the disease. It is intended to help communities weigh the risks of both RMSF and of any proposed tick-control approach, and then decide what is best for the community. For questions, contact Patti TenBrook in the EPA Region 9 Pesticides Office at (415) 947-4223. View the full fact sheet: [https://www.epa.gov/sites/production/files/2017-01/documents/weighing\\_risks\\_to\\_children\\_from\\_dogs\\_wearing\\_seresto-tm\\_collars.pdf](https://www.epa.gov/sites/production/files/2017-01/documents/weighing_risks_to_children_from_dogs_wearing_seresto-tm_collars.pdf).

## **EPA's New Webpage – Promoting International Human Rights, Rights of Indigenous Peoples and Environmental Justice**

EPA's Office of Environmental Justice has a new webpage to share information on the Agency's efforts to promote international human rights, rights of indigenous peoples and environmental justice. It includes a list of the blog posts written for EPA's EJ in Action Blog, on the work we and others are doing around international human rights. Please feel free to share with your colleagues and others who may be interested:

[www.epa.gov/environmentaljustice/epas-role-promoting-international-human-rights-rights-indigenous-peoples-and](http://www.epa.gov/environmentaljustice/epas-role-promoting-international-human-rights-rights-indigenous-peoples-and).

## **Upcoming Opportunities**

### ***Funding and Technical Assistance Opportunities***

### **BIA Student Internship Job Announcements**

The Bureau of Indian Affairs (BIA) Office of Trust Services (OTS) is continually seeking scientists and technicians in a range of STEM-related disciplines to protect, conserve, utilize, and manage Indian forest and agricultural lands and resources, including water and power. BIA is recruiting for several internship positions working across various Agriculture and Rangeland Management or Forestry and Wildland Fire Management programs. **Students can intern with the BIA or with a tribal related program.** Intern job vacancy announcements are posted to USAJOBS and can be found at [www.usajobs.gov/StudentsAndGrads](http://www.usajobs.gov/StudentsAndGrads).

### **Office of Enforcement & Compliance Assurance – National Enforcement Training Institute**

Below is a list of upcoming training courses offered by the National Enforcement and Training Institute (NETI). NETI courses are open to federal, tribal, state, and local government environmental compliance and enforcement personnel. NETI offers live broadcast and on-demand training covering virtually every environmental media and issue that confronts compliance monitoring and enforcement personnel.

Additional information is available on the NETI website: [www.epa.gov/compliance/national-enforcement-training-institute-neti-elearning-center](http://www.epa.gov/compliance/national-enforcement-training-institute-neti-elearning-center).

## **2017 SPRING PROGRAM**

### **Seminar Class/Webinar Schedule**

(\*CLE documentation will be made available by NETI)

#### **Mar 29 [CWA Coffee Break “30 Minute” Series](#)**

*Wednesday*

*CWA Section 311 Enforcement – Spills of Oil or Hazardous Substances.*

*EPA enforcement of spills or threatened spills of oil or hazardous substances. How did this evolve? How does the Agency use its authority in response to oil and hazardous waste spills? How does EPA work with other agencies? What does EPA do to prevent spills and promote cleanups? Learn the answers to these questions and more in this session. Presenter: EPA Attorney **David Drelich**.*

**Classroom Only, HQ 6226 WJCS, 10:00 – 10:30 am EDT**

#### **Mar 31 [The Resource Conservation and Recovery Act \(RCRA\)\\*](#)**

*Friday*

*What does it really mean to manage waste from “cradle to grave?” Join Senior Attorney **Pete Raack** to learn how this important, cross-cutting regulatory program manages the toxic refuse of a great consumer society.*

**Classroom: HQ WJCS, Room 6226, 11:30 am – 1:00 pm EDT**

**Webinar: Register at [attendee.gotowebinar.com/register/835805138334564868](http://attendee.gotowebinar.com/register/835805138334564868)**

**Apr 5**

Wednesday

**CWA Coffee Break “30 Minute” Series**

**Fracking** — Hydraulic fracturing, commonly called fracking, is a drilling technique used for extracting oil or natural gas from deep underground. How does it work?

Presenter: EPA Attorney **Jeffrey Speir**.

**Classroom:** HQ WJCS, Room 6226, 10:00 – 10:30 am EDT

**Webinar:** Register at [attendee.gotowebinar.com/register/6071912606980485635](https://attendee.gotowebinar.com/register/6071912606980485635)

**Apr 7**

Friday

**Suspension & Debarment: An Administrative Tool for Friday Addressing Non-Compliance\***

Join Attorney **Jamie Lemley**, EPA and OECA Suspension & Debarment Official, EPA OARM, as he discusses Suspension & Debarment: An Administrative Tool for Addressing Non-Compliance.

**Classroom:** HQ WJCS, Room 6226, 11:30 am – 1:00 pm EDT

**Webinar:** Register at <https://attendee.gotowebinar.com/register/3703257797007206147>

**Apr 14**

Friday

**Former Law Clerks tell it like it is! Views from former EPA Friday Summer Interns: Environmental Law in Government, Private Practice, Corporate America and Beyond.**

John Cossa, Tim Serie, Anthony Pappetti, Beveridge & Diamond; Jim Chen, Tesla Motors; Jerry Gidner, Department of the Interior; Lorraine Baer, Nuclear Regulatory Commission; Catherin Giljohann, Council on Environmental Quality; Michael Kellerman, FERC; Kelly Brantner, EPA; Brian K. Thompson, EPA; Stephanie Rich, EPA-OGC; Evan Belser, EPA; Keith Bartlett, EPA; Kristin Buterbaugh, EPA; Sarah Gonzalez, EPA; David Smith-Watts, EPA; Scott Yager, American Cattleman’s Association; Todd Stedeford, EPA.

**Classroom:** HQ WJCS, Room 6226, 3:00 – 4:45 pm EST (note: time change)

**Apr 19**

Wednesday

**CWA Coffee Break “30 Minute” Series**

**Sewer Overflows** — What are the main causes of sewer overflows and how can such overflows be reduced or eliminated? What’s the difference between combined sewer overflows (CSOs) and sanitary sewer overflows (SSOs)? Learn the answers to these questions and more in this session.

Presenter: **Seth Heminway**.

**Classroom:** HQ WJCS, Room 6226, 10:00 – 10:30 am EDT

**Webinar:** Register at <https://attendee.gotowebinar.com/register/8678236751056721410>

**Apr 21**

Friday

**The Toxic Substances Control Act\***

Join EPA Attorney, **Mark Garvey**, as he discusses topics from PCBs Asbestos, and Residential Lead Paint to nanotechnology and green chemistry. TSCA’s broad reach has implications for domestic producers, importers and anyone who manufactures, buys or uses chemicals or chemical substances.

**Classroom:** HQ WJCS, Room 6226, 11:30 am - 1:00 pm EDT

**Webinar:** Register at [attendee.gotowebinar.com/register/7488425531672616451](https://attendee.gotowebinar.com/register/7488425531672616451)

**Apr 26**

Wednesday

**CWA Coffee Break “30 Minute” Series**

**MS4s** — What are Municipal Separate Storm Sewer Systems (MS4s)? What regulations apply to the storm water collected and conveyed to a receiving waterbody by a municipality? What are the key best management practices (BMPs) for a municipality to reduce storm water flow or reduce the likelihood that storm water will pick up pollutants? Learn the answers to these questions and more in this session. Presenter: **Seth Heminway**.

**Classroom:** HQ WJCS, Room 6045, 10:00 – 10:30 am EDT

**Webinar:** Register at [attendee.gotowebinar.com/register/3632345894239851522](https://attendee.gotowebinar.com/register/3632345894239851522)

**Apr 28**  
Friday

**FIFRA — [Pesticide Registration and Enforcement](#)\***

*Toxic chemical use is balanced against economic considerations and health protection. Pesticide use has a wide range of implications for society and the global ecosystem. Join Attorney, **Mike Walker**, Director of the National Enforcement Training Institute, and Environmental Protection Specialist **Brian Dyer**, for an in-depth discussion of this important national practice area.*

**Classroom:** HQ WJCS, Room 6045, 11:30 am – 1:00 pm EDT

**Webinar:** Register at <https://attendee.gotowebinar.com/register/4481434952542500099>

**May 3**  
Wednesday

**[CWA Coffee Break “30 Minute” Series](#)**

**Bio-solids** — *What are bio-solids and why can't you find any mention of that word in the regulations? Which facilities are required to comply with bio-solids regulations? How many tons of bio-solids are produced each year? Can cities actually sell their bio-solids to supplement their budget? Learn the answers to these questions and more in this session. Presenter: **Peter Bahor**.*

**Classroom:** HQ WJCS, Room 6226, 10:00 – 10:30 am EDT.

**Webinar:** Register at <https://attendee.gotowebinar.com/register/6089954493418059521>

**May 5**  
Friday

**EPCRA — [America's Largest Neighborhood Watch Program \(or “How EPA Reduced Chemical Emissions Without Really Trying”\)\\*](#)**

*The Toxics Release Inventory (TRI), a national database of chemical use and storage is mandated by the Emergency Planning and Community Right-To-Know Act (EPCRA). Join Attorney **Mike Walker**, Director, NETI, as he discusses one of the most powerful tools that EPA and the public have for identifying and reducing the use of toxic and hazardous chemicals.*

**Classroom:** HQ WJCS 6226, 11:30 am - 1:00 pm EDT

**Webinar:** Register at <https://attendee.gotowebinar.com/register/2819792507512772099>

**[Incremental-Composite Soil Sampling](#)**

U.S. EPA, Office of Superfund Remediation and Technology Innovation:

[trainex.org/offeringlist.cfm?courseid=1621&all=yes](http://trainex.org/offeringlist.cfm?courseid=1621&all=yes)

October 26, 2017 at 8:30 AM

October 26, 2017 at 4:30 PM

U.S. EPA – Region 9

75 Hawthorne St.

Maui/Kauai Training Rooms (Rooms 1131 and 1132)

San Francisco, CA 94105

**Incremental-Composite Soil Sampling** is a full-day course that focuses on the theory and application of ITRC's Incremental Sampling Methodology (ISM), composite sampling designs, and hybrids of the two (Incremental-Composite Sampling, ICS). ICS hybrid designs are useful to address multiple project goals simultaneously. Since “representativeness” is a key aspect of data quality and ISM/ICS data are demonstrably more representative than most discrete data, it will be argued that ICS data are indeed “better” than non-ICS data. The course will answer questions such as:

- What is the difference between ITRC's ISM and EPA's Incremental-Composite Sampling (ICS) strategies?
- Is there written EPA guidance? What features should an ISM or ICS design have?
- Can ICS give project risk assessors the data they want, while simultaneously meeting the RPM's own data needs for characterization or remedial design?
- How are background concentrations determined and comparisons to background handled using ICS?

- How do we know whether ICS “worked” for the project?

Registration is open. Contact information for this event: Jodi McCarty (ICF) by telephone at 703-251-0347 or via e-mail at [jodi.mccarty@icf.com](mailto:jodi.mccarty@icf.com).

## **Groundwater High-Resolution Site Characterization (HRSC)**

**Hosted by U.S. EPA Office of Superfund Remediation and Technology Innovation:**

[trainex.org/offeringlist.cfm?courseid=1389&all=yes](http://trainex.org/offeringlist.cfm?courseid=1389&all=yes)

The Groundwater High-Resolution Site Characterization (HRSC) training course focuses on groundwater characterization and discusses (1) the impacts of subsurface heterogeneity on the investigation and cleanup of groundwater and related media, (2) the need for scale-appropriate measurements and adequate data density, and (3) the tools and strategies that are available to overcome the impacts of subsurface heterogeneity. The course addresses the following technical content:

- Defining and explaining the need for and benefits of HRSC
- Understanding the sources and attributes of subsurface heterogeneity and their impact on hydrogeology, contaminant fate and transport, and source and plume relationships
- Defining and using scale-appropriate measurements, adequate data density and collaborative data sets
- Explaining the application of HRSC to the characterization of integrated media, including: groundwater, soil, soil vapor, surface water, sediments and bedrock
- Evaluating potentially applicable tools for subsurface investigations of shallow unconsolidated environments, deep unconsolidated environments, fractured and porous media, and the groundwater and surface water interface
- Developing effective HRSC implementation and investigation strategies
- Managing and visualizing HRSC data for decision making
- Applying HRSC to remedy design, implementation and optimization

After taking this course, participants will be armed with information that will allow them to improve their subsurface investigation approaches and develop more realistic and comprehensive conceptual site models (CSM). CSMs developed based on HRSC strategies and tools will decrease site uncertainty, improve the remedy selection process for groundwater remedies, and better enable the evaluation, design, and implementation of targeted in situ and ex situ groundwater remedies.

The Groundwater HRSC course is an advanced 2-day course. The recommended audience includes EPA, federal, state, tribal and private industry technical project managers, practitioners and other stakeholders involved in groundwater investigation and remediation.

*\*This course is offered free of charge to all registrants who are confirmed to attend.\**

Contact information for this event: Jodi McCarty (ICF) by telephone at 703-251-0347 or via e-mail at [jodi.mccarty@icf.com](mailto:jodi.mccarty@icf.com).

More information on this event is available; [click here](#).

## **Apply to Become a Subcommittee Member**

**The RESPONSE Act of 2016** (Public Law 114-321) directed FEMA (Federal Emergency Management Agency) to establish the Railroad Emergency Services Preparedness, Operational Needs, and Safety Evaluation (RESPONSE) Subcommittee. We need your help conducting outreach encouraging top candidates to apply to become subcommittee members. **Applications must be received by close of business Monday, April 3, 2017.** This timeline is necessary to comply with the law.

- The subcommittee is to provide recommendations to the FEMA National Advisory Council (NAC) no later than December 16, 2017 regarding emergency responder training related to hazardous materials incidents involving railroads.
- The Act requires the subcommittee be composed of federal officials from:
  - Department of Homeland Security
  - Department of Transportation
  - National Transportation Safety Board
  - Environmental Protection Agency
- The Act also requires the subcommittee be composed of non-federal entities with technical knowledge and expertise from:
  - Rail industry
  - Rail labor
  - Those who offer oil for transportation by rail
  - Communications industry
  - Emergency response providers, including individuals nominated by national organizations representing state and local governments and emergency responders
  - Emergency response training providers
  - Representatives from tribal organizations
  - Vendors, developers, and manufacturers of systems, facilities, equipment, and capabilities for emergency responder services
  - Other technical experts
- For more information/how to apply: [www.fema.gov/response-act-subcommittee](http://www.fema.gov/response-act-subcommittee)
- Outreach questions? [Amanda.Johnson@fema.dhs.gov](mailto:Amanda.Johnson@fema.dhs.gov)
- NAC questions? [FEMA-NAC@fema.dhs.gov](mailto:FEMA-NAC@fema.dhs.gov)
- Subcommittee recommendation questions? [Lisa.Lofton@fema.dhs.gov](mailto:Lisa.Lofton@fema.dhs.gov)