

2020 Department of Energy Analytical Services Program Virtual Training Workshop Series Agenda

Week 1: TSDF Sessions

Day	Date	Time PM (EST)	Track	Session Title	Presenter	Session Description
Tuesday	28-Jul	1:00-1:45	General	ASP Program Updates and Changes	Steve Clark, Analytical Services Program Manager Office of Environment, Health, Safety and Security, Office of Sustainable Environmental Stewardship (AU-21) U.S. Department of Energy, Headquarters (Germantown)	This training session will provide description, details, and updates of current DOE Consolidated Audit Program (DOECAP) activities and future plans. This will include the Treatment, Storage, and Disposal Facility (TSDF) Audit Program, and the DOECAP-Accreditation Program (DOECAP-AP) for commercial laboratories.
		1:45-2:30	Laboratory	DOECAP-AP Procedural Plan	Steve Clark, U.S. Department of Energy	Training will be presented on the newly developed administrative processes associated with the DOECAP-AP.
		2:30-3:00	Laboratory	DOECAP-Accreditation Program Trends Analysis	Steve Clark, U.S. Department of Energy	Training will be presented on the various audit and auditor trends over the past few years and what they mean to the program.
Wednesday	29-Jul	1:00-1:45	TSDF	DOE ORPS Related Safety Issues	Ashley Ruocco, Office of Environment, Health, Safety and Security, Office of Sustainable Environmental Stewardship (AU-21) U.S. Department of Energy, Headquarters (Germantown)	This training session will identify safety related findings reported form throughout the DOE Complex and how it pertains specifically to the treatment, storage, and disposal of DOE generated waste.
		1:45-3:00	TSDF	DOE Order 435.1	Susan Krenzien, Senior Project Manager, IEI, Inc.	The training presentation will deliver the history of radioactive material and waste legislation, why the United States has two different classification systems. The systems are explained, and the similarities and differences given. The presentation also explores waste hierarchy within the DOE order and why exemptions are necessary for using non-DOE treatment, storage, and disposal facilities.
Thursday	30-Jul	1:00-2:00	TSDF	DOECAP Treatment, Storage and Disposal Facility (TSDF) Audit Program Plan and Reference Guide	Steve Clark, U.S. Department of Energy	Presentation on the newly developed administrative processes associated with the DOECAP TSDF Audit Program.
		2:00-2:30	TSDF	TSDF Description Sheets, Site Information Sheets, Remote Audits-	Pete Yerace, Environmental Specialist, DOE-EMCBC	Training and introduction on the proper use of the newest tools available to the TSDF Audit Program.
		2:30-3:00	TSDF	TSDF Audit Trends Analysis	Pete Yerace, DOE-EMCBC	Training on the various audit and auditor trends over the past few years and what they mean to the program.

Week 2: Laboratory and PFAS Sessions						
Day	Date	Time PM (EST)	Track	Session Title	Presenter	Session Description
Tuesday	4-Aug	1:00-1:30	Laboratory	QSM V6.0 Development Update	Alyssa Wingard, Chemist, Chair, Quality Assurance Oversight Sub-Group, Program Manager, DoD ELAP	The presenter will cover the Department of Defense/Department of Energy Quality Systems Manual upcoming version 6.0 extensive rewrite, updates, tables and more. Anticipated impacts on commercial laboratories and accrediting bodies will be discussed
		1:30-2:30	Laboratory	RCRA Laboratory Overview	Louis Martino, Argonne National Laboratory Environmental Science Division	Training on QSM, v5.3 RCRA requirements. This will include the following topics: waste characterization issues, records of waste disposal, retention of records, accumulation of waste in excess of the 55 gallon limit, labeling of wastes at the accumulation point, container condition, required equipment training (spill response and emergency response).
Wednesday	5-Aug	1:00-1:45	Laboratory	Use of Correlation Coefficient Criteria for Calibration Curves	William Rogers, UCOR	The presenter has 50 years' experience in curve fitting going back to writing his own programs in FORTRAN with punch cards. He will discuss alternative approaches to evaluating how good the fit might be in addition to just evaluating the correlation coefficient.
		1:45-2:20	Laboratory	1,4 Dioxane: Unraveling the Complexity of the Method Choices	Bryce Stearns, Corporate Technical Director, Eurofins TestAmerica	Training to cover the history of 1,4 Dioxane and current analytical challenges facing the laboratory
		2:20-3:00	Laboratory	1,4 Dioxane and the QSM	John Gummer, Senior Chemist and Consultant, ChemVal Consulting, Inc.	Training will focus on the impacts 1,4 Dioxane will have on the laboratory seeking to add its scope to DoD/DOE QSM accreditation.
Thursday	6-Aug	1:00-1:30	General	PFAS 101-What Is DOE Doing About It?	Ashley Ruocco, Office of Environment, Health, Safety and Security, Office of Sustainable Environmental Stewardship (AU-21) U.S. Department of Energy, Headquarters (Germantown)	Training presentation on how DOE is addressing PFAS/PFOA in the field and throughout the Complex.
		1:30-2:15	General	PFAS DOE Site Case Studies BNL	Jerry Granzen and Douglas Paquette SC-Brookhaven Site Office	Presentation on the impacts PFAS has had on the BNL site and how this is being addressed, both regulatory and technical aspects will be covered.
		2:15-3:00	General	PFAS DOE Site Case Studies LANL	William Foley, Los Alamos National Laboratory	Presentation on the impacts PFAS has had on the LANL site and how this is being addressed, both regulatory and technical aspects will be covered.

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Week 3: ITRC PFAS

Day	Date	Time PM (EST)	Track	Session Title	Presenter	Session Description
Tuesday	11-Aug	1:00-1:20	General	Welcome & Overview of ITRC Team PFAS Background and Regulations	ITRC Instructor- Richard Spiese, VT DEC	Part 1 of a 3-day training will involve current updates on PFAS treatment and detection, sampling and analysis, management of PFAS contaminated sites, and regulations, both current and proposed.
		1:20-2:00		Naming Conventions, Physical and Chemical Properties, Sources	ITRC Instructor-Dr. Dora Chiang, CDM Smith	
		2:00-2:15		Question & Answer	ITRC Instructors-Richard Spiese, VT DEC & Dr. Dora Chiang, CDM Smith	
		2:15-2:30		Break	N/A	
		2:30-3:20		Sampling & Analysis	ITRC Instructor-Janice Willey, US Navy	
		3:20-3:30		Question & Answer	ITRC Instructor-Janice Willey, US Navy	
Wednesday	12-Aug	1:00-1:25	General	Site Characterization	ITRC Instructors- Dr. Rula Deeb, Geosyntec	Part 2 of a 3-day training will involve current updates on PFAS treatment and detection, sampling and analysis, management of PFAS contaminated sites, and regulations, both current and proposed.
		1:25-1:50		Risk Assessment	ITRC Instructor-Kevin Long, Terraphase	
		1:50-2:05		Question & Answer	ITRC Instructors-Dr. Rula Deeb, Geosync & Kevin Long, Terraphase	
		2:05-2:20		Break	N/A	
		2:20-3:10		Fate & Transport	ITRC Instructor-Chris Higgins, Colorado School of Mines	
		3:10-3:30		Question & Answer	ITRC Instructor-Chris Higgins, Colorado School of Mines	
Thursday	13-Aug	1:00-1:50	General	Treatment Technologies	ITRC Instructor-Bill DiGuseppi, Jacobs	Part 3 of a 3-day training will involve current updates on PFAS treatment and detection, sampling and analysis, management of PFAS contaminated sites, and regulations, both current and proposed.
		1:50-2:05		Question & Answer	ITRC Instructor-Bill DiGuseppi, Jacobs	
		2:05-2:20		Break	N/A	
		2:20-3:00		Risk Communication	ITRC Instructor-Kerry Kirk Pflugh, NJ DEP	
		3:00-3:30		Discussion, Question & Answer	ITRC Instructor-Bob Mueller, NJ DEP	