

# **Petroleum Storage Tank Division**

**Continuing Professional Education Program - Approved Providers and Courses** 

## **Classes & Webinars**

\*\*Consultants are responsible for obtaining proof of attendance and/or certificates from the educational provider. This may require the consultant to email the provider \*\*

#### **Accurate Environmental**

505 South Lowry **P:** 405-372-5300 Stillwater, OK 74074 or

1-800-516-5227

https://www.accuratelabs.com/

	<u>Courses</u>	<u>Credits</u>
Laboratory Refresher		3.50

#### Aestus, LLC

Loveland, CO P: 888-436-8729

or

https://aestusllc.com/ 970-278-4090

or E: info@aesusllc.com

https://mailchi.mp/aestusllc/educationalwebinarseries

Courses	Credits
Listen, Ask, and Learn! Where are Contaminants Going? Scan to See Flowpaths	0.50
Listen, Ask, and Learn! Successful LNAPL Remediation in Karst Geology in <2 Years	
via Scan First Approach	0.50
Listen, Ask, and Learn! Evaluating Habitat to Demonstrate Monitored Natural	_
Attenuation	0.50
Listen, Ask, and Learn! Ultra-HRSC CSM Update Help Save ~\$4 Million at NAPL	
Sediments Site	0.50
Listen, Ask, and Learn! Detecting Vertical Flowpaths in Bedrock at NAPL Sites	0.50

#### **Alpha Analytical**

8 Walkup Drive	<b>P:</b> 508-898-9220
Westborough, MA 01581	or
-	800-624-9220

#### https://alphalab.com/

Courses	<u>Credits</u>
Vapor Intrusion: Sampling with Confidence for Mid-Atlantic States	3.00
Analytical Support for Forensic Hydrocarbon Applications	1.00

#### **American Society for Testing and Materials**

ASTM Environmental Training
100 Barr Harbor Drive
West Conshohocken, PA 19428

P: 877-909-ASTM
or
610-832-9500
E: service@astm.org

https://www.astm.org/TRAIN/astm-environmental-training.html

Courses	<b>Credits</b>
Estimating LNAPL Transmissivity: A Guide to Using ASTM Standard Guide E2856	14.00
Risk-Based Corrective Action (RBCA) Applied at Petroleum Release Sites	14.00
Phase 1 Environmental Site Assessment Practices for Commercial Real Estate: Phase I	
Site Assessment & Transaction Screen	14.00
Phase I & Phase II Environmental Site Assessment Process	21.00
Phase I Environmental Site Assessments: 1-Day	8.00
Phase I Environmental Site Assessment Practices For Commercial Real Estate: Phase I	
Site Assessment & Transaction Screen	16.00
Phase II Environmental Site Assessment	4.00
Phase I and II Environmental Site Assessment	20.00
ASTM E2600 Screening for Vapor Encroachment onto Property Involved in Real Estate	
Transactions	5.00

#### **American Society for Civil Engineers**

1801 Alexander Bell Drive

Reston, VA 20191

or

703 295-6300

https://www.asce.org/continuing-education/

Courses	Credits
Geo-Chemistry: An Important Tool (AWI040912)	2.00
Upcoming Revisions ASTME 1527 Standard Practice for Environmental sites Assessment	1.00
_(AWI102313)	
Sediment Characteristics, Sources, and Movement (AWI091917)	2.00
Geophysical Imaging in Support of Geotechnical, Hydrologic and/or Environmental Site	2.00
Characterization (AWI111620)	

# **Associated Environmental Industries Corp**

https://www.aei-corp.com

Courses	<u>Credits</u>
New Horizons Roto-Sonic Drilling Field Day	4.00

# <u>Association of State and Territorial Solid Waste Management Officials</u>

# http://astswmo.org/category/tanks/

<u>Courses</u>	<b>Credits</b>
EPA National Database for UST and LUST – Webinar	1.00
Webinar – Sources and Causes of UST Releases	1.00
EPA's UST Finder: National UST and Releases Web Map - Webinar	1.25
UST Finder: The National Underground Storage Tanks and Release Web Map –	3.00
Workshop	
Webinar - Getting Remedies Back on Track	1.25
Moving UST Sites To Closure	1.00

# **Cascade Drilling**

22722 29th Drive SE, Ste 228	<b>P</b> : 425-527-9700	_
Bothell, WA 98021	E:communications@casc	ade-env.com
	*Consultants MUST email	l specifying
https://www.cascade-env.com/resources/webinars/	course in order to receive	certificate*
Courses		<u>Credits</u>
ISS 101: What You Need to Know When Considering In Situ St	abilization	1.00
Sampling 201: When, Why and How to Use Telescoping When	Sampling Aquifers	1.00
Sampling 101: Methods of Collecting Environmental Samples D	Ouring Drilling	1.00
How to Achieve High Quality Samples in Challenging Lithology		1.00
Critical Discussions to Have Before You Start Drilling		1.00
In Situ Thermal Remediation Modeling: The Basis of Design		1.00
Thermal Remediation of High Mass Hydrocarbon Sites: When N	NAPL Capture Governs	1.00
the Mass Recovery		
Real-Time Solutions to Unexpected Challenges Encountered D	uring Thermal Remedy	1.00
Implementation		
Drilling 104: An Introduction to Rotary Drilling		1.00
How to Design an Efficient HRSC Program Based on Objective	•	1.00
ISTR in Complex Geologic Settings with Highly Variable Perme	abilities and High	1.00
Groundwater Flux Zones		
Tough Terrains: How to Overcome Common Drilling Challenges	s on Difficult Project Sites	1.00
Before Drilling Starts		
Sampling 104: An Introduction to Groundwater Sampling		1.00
In Situ Thermal Remediation and Heat Enhanced Biodegradation	on	1.00
How to Choose the Right Thermal Technology		1.00
Thermal Remediation Vapor Covers: Why & How		1.00
ISTR Design and Optimization Strategies		1.00
The Next Step in Innovative Distribution		1.00
Stop Fracturing Target Intervals During Liquid Injections		1.00
Drilling 101		1.00
Tired of DPT Refusal? How To Achieve Deep Site Characteriza	ition	1.00
Limited Access Projects: How to Do More With Less		1.00
Drilling for Thermal Projects		1.00
Drilling 201: Sonic Methodologies and Best Practices		1.00
Mass Removal: Why it's Important and How to Calculate it		1.00

# **Cascade Drilling (Continued)**

Remediation Cost Avoidance Series Part 2 Remediation Cost Avoidance Series Part 3 Remediation Cost Avoidance Series Part 3 Remediation Cost Avoidance Series Part 4 Remediation Rost Information from a Single Borehole Advancement Remediation Rost Information from a Single Borehole Advancement Remediation Rost Information from a Single Borehole Advancement Remediation Remediation Remediation Remediation Technology (and Why) Remediation Whys Information Remediation Remediation Technology (and Why) Raking AVI work: It's More Than Just the Chemistry Remediation Remedia	Courses	Credits
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Drilling 107: An Introduction to Direct Push Technology (DPT)   1.00	Remediation Cost Avoidance Series Part 4	1.00
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The Anatomy of a Defensible In Situ Remediation Case Study  1.00	Best Practices and Improvements in Injection Systems for In Situ Remediation	1.00
	The Anatomy of a Defensible In Situ Remediation Case Study	1.00

#### E Training

https://etraintoday.com/course-catalog/	P: 815-556-9384 E:infor@etraintoday.com
Courses	Credits
Trenching & Excavation for the Competent Person	5.00
Trenching & Excavation Safety Awareness	2.00

# **Edge Engineering & Science**

16285 Park Ten Place, Suite 400 **T**: 832-772-3000 Houston, TX 77084

https://edge-es.com/environmental-services-2/

Courses	<u>Credits</u>
Risk Assessment, RBCA & Indoor Vapor Intrusion	16.00

# **Environmental Protection Agency**

Technology Innovation and Field Services Division / Office of Superfund Remediation and Technology Innovation / Air Pollution Training Institute / Office of Brownfields and Land Revitalization

https://clu-in.org/live/archive/default.cfm?display=all&group=tifsd or https://trainex.org/bytitle.cfm

Courses	Credits
Groundwater/Surface Water Interactions: Developing Conceptual Site Models of	
Organism Exposures in Hyporheic Systems	7.00
Geophysical Method Selection: Matching Study Goals, Method Capabilities and	
Limitations, and Site Conditions	1.00
Borehole Geophysics Applied to Bedrock Hydrogeologic Evaluations	1.50
Environmental Geophysics Applied to Site Characterization, Plume Mapping, and Remediation Monitoring	1.50
NARPM PresentsStress and Environmental Contamination: Tips and Tools from ATSDR	2.00
Vapor Intrusion (VI) Investigation using the Trace Atmospheric Gas Analyzer (TAGA) Mobile Laboratories	1.50
NARPM PresentsUsing Bioavailability to Assess Contaminated Sediment Risk: Passive Sampling and Porewater Remedial Goals (PWRGs)	2.00
Perspectives on the Implementation of Greener Cleanups	1.50
Practical Applications of Phytotechnologies at Contaminated Sites	1.50
In Situ Activated Carbon-Based Technology for Groundwater Remediation: Overview, Best Practices, and Case Studies	1.50
Combined Remedies: Adaptive, Flexible, Attentive Use of the Right Tools	1.00
ERTP PresentsPragmatic Approaches to Remedial Investigation, Technology Selection, and Remediation Success	2.00
Phytoremediation and PhytoForensics: Mother Nature can Detect and Mitigate	
Pollutantswith Elegance	2.00
ERTP PresentsSoil Sampling and Analysis for Volatile Organic Compounds (VOCs)	1.00
Green Up Your Cleanups	1.50

# **Environmental Protection Agency (Continued)**

Courses	Credits
Screening, Testing, and Application of Residuals and Byproducts for Remediation	2.00
Implementing Greener Cleanups through ASTM's Standard Guide (E2893-13)	2.00
Nanotechnology for Site Remediation	2.00
Analytical Chemistry Data Review - Volatile Organics Data	2.00
Analytical Chemistry Data Review - High Resolution GC/MS Data	2.00
Remedial Acquisition Framework (RAF) Updated Overview	2.00
NARPM PresentsAnalytical Laboratory Data - Electronic Data Assessment	2.00
Best Management and Technical Practices for Site Assessment and Remediation	1.50
NARPM PresentsThe Elements of Analytical Laboratory Data Quality	2.00
NARPM PresentsEvaluating Completion of Groundwater Restoration Remedial Actions	2.00
CEC Preliminary Assessment/Site Inspection (PA/SI) Webinar Series, Module 9: SI	2.00
Sampling Strategies for Soil and Air	2.00
CEC Preliminary Assessment/Site Inspection (PA/SI) Webinar Series, Module 8: SI	
Sampling Strategies for Groundwater and Surface Water	2.00
CEC Preliminary Assessment/Site Inspection (PA/SI) Webinar Series, Module 7:	
Conducting the SI, Overview of SI Strategies, and Site Sources	2.00
CEC Preliminary Assessment/Site Inspection (PA/SI) Webinar Series, Module 6: PA	0.00
Scoring Exercise: Soil Exposure and Air Migration Pathways	2.00
CEC Preliminary Assessment/Site Inspection (PA/SI) Webinar Series, Module 5: PA Scoring Exercise: Surface Water Migration Pathway	2.00
CEC Preliminary Assessment/Site Inspection (PA/SI) Webinar Series, Module 4: PA	2.00
Scoring Exercise: Groundwater Migration Pathway	2.00
CEC Preliminary Assessment/Site Inspection (PA/SI) Webinar Series, Module 3: Site	
Evaluation and Scoring Site Sources	2.00
CEC Preliminary Assessment/Site Inspection (PA/SI) Webinar Series, Module 2: Basics	
of Performing Site Assessments and Conducting the PA	2.00
CEC Preliminary Assessment/Site Inspection (PA/SI) Webinar Series, Module 1:	
Overview of the Site Assessment Process under CERCLA	2.00
Sustainable Remediation	1.00
NARPM PresentsRECs, Renewables and Remediation	2.00
Practical Models to Support Remediation Strategy Decision-Making - Part 1	2.00
Practical Models to Support Remediation Strategy Decision-Making - Part 2	2.00
	2.00
Practical Models to Support Remediation Strategy Decision-Making - Part 3	
Practical Models to Support Remediation Strategy Decision-Making - Part 4	2.00
Practical Models to Support Remediation Strategy Decision-Making - Part 5	2.00
US and EU Perspectives on Green and Sustainable Remediation, Part 5	2.00
In-Situ Microcosm Array, A New Tool for In Situ Remediation Tests	2.00
Close Out Procedures for NPL Sites Training	2.00
Greener Cleanups - EPA's Methodology for Understanding and Reducing a Project's Environmental Footprint (Final)	2.00
US and EU Perspectives on Green and Sustainable Remediation, Part 4	2.00
Incremental-Composite Sampling Designs for Surface Soil Analyses, Module 1 of 4	2.00
Incremental-Composite Sampling Designs for Surface Soil Analyses, Module 2 of 4	2.00
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# **Environmental Protection Agency (Continued)**

<u>Courses</u>	Credits
Incremental-Composite Sampling Designs for Surface Soil Analyses, Module 3 of 4	2.00
Incremental-Composite Sampling Designs for Surface Soil Analyses, Module 4 of 4	2.00
US and EU Perspectives on Green and Sustainable Remediation, Part 3	2.00
US and EU Perspectives on Green and Sustainable Remediation Part 2	2.00
Field scale Remediation Experience using Iron Nanoparticles and Evolving Risk-Benefit Understanding	2.25
Stable Isotope Analyses to Understand the Degradation of Organic Contaminants in Ground Water (Part 2)	1.50
Stable Isotope Analyses to Understand the Degradation of Organic Contaminants in Ground Water (Part 1)	1.50
Stable Isotope Analyses to Understand the Degradation of Organic Contaminants in Ground Water	2.00
Best Practices for Site Characterization Throughout the Remediation Process	22.5
Chain-of-Custody Procedures for Samples and Data	0.75
Incremental Sampling	16.00
ProUCL Utilization 2020: Part 1: ProUCL A to Z	1.50
Removing the Barriers: Repositioning Brownfields Sites for Success	2.00
Show Me How: Brownfields Redevelopment in Economically Distressed Areas	2.00
Plume Stability Analyses with GWSDAT	1.00
Investigation, Design, Construction and Optimization of a Large-Scale Combined In Situ thermal and Enhanced Bioremediation Remedy	2.00
Risk Management During the Cost Estimating Process	1.50
Increasing Treatment Certainty while Controlling Remediation Costs – Cost Studies using Hydraulic Fracturing to Deliver Amendments at Low Permeability Sites	1.50
Introduction to Groundwater High-Resolution Site Characterization	2.50
Use of Remedial Action Levels and Cleanup Levels with Contaminated Sediment Management	1.50
Performance Measures and Environmental Indicators	2.00

# **EnviroClass**

Division of EnviroWorkshops P.O. Box 1239 Davidson NC 28036 **P:** 800-704-1261

#### https://www.enviroclass.com/

Courses	<u>Credits</u>
Full Life Cycle of Remediation Sites	2.00
Remediation Tools that Save Money	2.00
Optimized InSitu Injection Strategies	2.00
New Tools for Low Concentration Plumes	2.00
VI Installation Methods	2.00
Preparing for an Injection	2.00
VI – The Laboratory Analysis	2.00
Selecting the Right VI Equipment	2.00
New Remediation Tools & Technologies	2.00

# **EnviroClass (Continued)**

Courses	<u>Credits</u>
VI Monitoring & Mitigation	2.00
Remediation in Fractured Bedrock	2.00
Remediation: The ISCO/ISCR 411	2.00
Hydrocarbons: All You Need to Know	2.00
VI Investigation & Risk Assessment	2.00
Actionable Data	2.00
NAPL Degradation 101	2.00
Site Investigation Tools & Technologies	2.00
Advanced Scientific Solutions	2.00
Cutting Edge InSitu Technologies	2.00
Advanced InSitu Technologies	2.00
Unbiased Data and Interpretation	2.00
How High Resolution Data Supports Your Targeted Remedial Design	2.00
The 411 on Abiotic Biotic In Situ Remediation	2.00
Vapor Intrusion Mitigation for New Construction Using Reliable Laboratory Data	2.00
Fractured Bedrock Challenges – Part 1: Characterization & Access	2.00
Fractured Bedrock Challenges – Part 2: Injection & Reagent Options	2.00
Challenging Bioremediation Sites	2.00
Finding the Contaminants the Right Way While Destroying them Holistically, the way Nature Intended	2.00
Best Practices For Field Screening and Sample Collection	2.00
A Remediation story – Site Evaluation, Technology Selection, Remedy Design,	2.00
Implementation, and Results	
Effective Cool-Ox® Remediation and Analytical Support for Commingled Plumes	2.00
Understanding the Long-Term Liability and Legal Concerns of Vapor Intrusion	2.00
Hydrocarbon Options: InSitu, ExSitu, & Absorption	2.00
BTEX & LNAPL Treatment	2.00
In Situ Product Transportation	2.00
Quantitative Site Investigation	2.00
PART 1 – Mythbusters: Myths and Misconceptions	2.00
PART 2 – Mythbusters: Myths and Misconceptions	2.00
Anaerobic Degradation 101	2.00
Mitigating Co-Contaminated Plumes	2.00
Alternative High Resolution Site Characterization	2.00
Petroleum Hydrocarbon Remedial Technology Evaluation	2.00
Microbe & Field Equipment	2.00
GeoTAP Method: Accessing Challenging Unconsolidated Injection Intervals	2.00
Perimeter Air Monitoring	2.00
Site Conceptual Models	2.00
Molecular Tools & Site Management	2.00
Thermal Remediation 101	2.00
In Situ Remediation of Low Permeability Media (Clay & Fractured Rock) by Optimizing	2.00
Permeability Enhancement Methods	

#### **Ethical Chem**

177 Governors Highway South Windsor, CT 06074 **P:** 860-640-0074

#### https://www.ethicalchem.com/webinars

<u>Courses</u>	<u>Credits</u>
EthicalChem Surfactant-Oxidant Technologies for Subsurface Contaminant	
Remediation	1.00

# Federal Remediation Technologies Roundtable (FRTR)

https://frtr.gov/

or

https://clu-in.org/live/archive/default.cfm?display=all&group=tifsd

Courses	<u>Credits</u>
An Introduction to Green and Sustainable Remediation: What, Who, Why, and How	2.00
FRTR PresentsEvolution of Subsurface Remediation: Lessons Learned from	
Technical Challenges to Achieving Cleanup Goals - Part 1	2.00
FRTR PresentsEvolution of Subsurface Remediation: Lessons Learned from	
Technical Challenges to Achieving Cleanup Goals - Part 2	2.00
FRTR PresentsModeling in Support of Site Remediation, Session 1	2.00
FRTR PresentsModeling in Support of Site Remediation, Session 2	2.00
FRTR PresentsSynthesizing Evolving Conceptual Site Models (CSMs) with Applicable	_
Remediation Technologies	2.00
FRTR Spring 2020 Meeting, Session 1: Bioremediation Advances - New Strategies,	
Optimization, and Performance Monitoring	2.50
FRTR Bioremediation Advances - New Strategies, Optimization, and Performance	
Monitoring - Session - 2	2.50

#### **Geoprobe Systems**

1835 Wall Street Salina KS 67401 **P:** 785-825-1842

#### https://geoprobe.com/

<u>Courses</u>	<u>Credits</u>
Direct Image® Logging Tools	5.00

# **Hartman Environmental Geosciences**

717 Seabright Lane **P:** 858 204-6170

Solana Beach, CA 92075-1270 E: blayne@hartmaneg.com

#### https://hartmaneg.com/

<u>Courses</u>	<u>Credits</u>
VI & Soil Gas Training - 1 day	8.00
VI & Soil Gas Training - 2 days	16.00

## **International School of Well Drilling**

https://www.welldrillingschool.com/online-courses/	<b>P</b> : 863 648 1565

E: director@welldrillingschool.com

Courses	<u>Credits</u>
Oklahoma Statutes and Rules	1.00
Well Abandonment	1.00
Well Development	1.00
Well Rehabilitation 1	1.00
Well Rehabilitation 2	1.00
Drilling Methods 1	1.00
Drilling Methods 2	1.00
Drilling Methods 3	1.00

# **Interstate Technology and Regulatory Council**

 1250 H Street, NW Suite 850
 P: 202-266-4932

 Washington, DC 20005
 E: <a href="mailto:itrc@itrcweb.org">itrc@itrcweb.org</a>

https://www.itrcweb.org/Training\_or

https://clu-in.org/live/archive/default.cfm?display=all&group=itrc#

<u>Courses</u>	Credits
In commental Controlling Mathe delegate (ICM 2) Undete Training Madules - Consider 4	2.25
Incremental Sampling Methodology (ISM-2) Update Training Modules – Session 1	
Incremental Sampling Methodology (ISM-2) Update Training Modules – Session 2	2.25
Connecting the Science to Managing LNAPL Sites Part 1: Understanding LNAPL	
Behavior in the Subsurface	2.25
Connecting the Science to Managing LNAPL Sites Part 2: LNAPL Conceptual Site	
Models and the LNAPL Decision Process	2.25
Connecting the Science to Managing LNAPL Sites Part 3: Using LNAPL Science, the	
LCSM, and LNAPL Goals to Select an LNAPL Remedial Technology	2.25
Bioavailability of Contaminants in Soil: Considerations for Human Health Risk	
Assessment	2.25
Remediation Management of Complex Sites	2.25
Characterization and Remediation in Fractured Rock	2.25
Petroleum Vapor Intrusion: Fundamentals of Screening, Investigation, and Management	2.25
Issues and Options in Human Health Risk Assessment – A Resource When Alternatives	
to Default Parameters and Scenarios are Proposed	2.25
Groundwater Statistics for Environmental Project Managers	2.25
Long-term Contaminant Management Using Institutional Controls	2.25
Geospatial Analysis for Optimization at Environmental Sites	2.25
TPH Risk Evaluation at Petroleum-Contaminated Sites	2.25
Optimizing Injection Strategies and In Situ Remediation Performance	2.25
Remedy Selection for Contaminated Sediments	2.25
Use and Measurement of Mass Flux and Mass Discharge	2.25
An Improved Understanding of LNAPL Behavior in the Subsurface - State of Science vs.	
State of Practice - Part 1	2.25
LNAPL Characterization and Recoverability - Improved Analysis - Part 2	2.25
Evaluating LNAPL Remedial Technologies for Achieving Project Goals - Part 3	2.25
Soil Sampling and Decision Making Using Incremental Sampling Methodology - Part 1	2.25
Soil Sampling and Decision Making Using Incremental Sampling Methodology - Part 2	2.25

# **Interstate Technology and Regulatory Council (Continued)**

Courses	Credits
Environmental Molecular Diagnostics: New Tools for Better Decisions	2.25
Project Risk Management for Site Remediation	2.25
Biofuels: Release Prevention, Environmental Behavior, and Remediation	2.00
Green & Sustainable Remediation	2.25
Development of Performance Specifications for Solidification/Stabilization	2.25
Incorporating Bioavailability Considerations into the Evaluation of Contaminated	
Sediment Sites	2.25
Permeable Reactive Barrier: Technology Update	2.25
Use of Risk Assessment in Management of Contaminated Site	2.25
Phytotechnologies	2.25
Protocol for Use of Five Passive Samplers	2.25
Risk Assessment and Risk Management: Determination and Application of Risk-Based	
Values	2.25
Performance-based Environmental Management	2.25
An Overview of Direct-push Well Technology for Long-term Groundwater Monitoring	2.25
Sustainable Resilient Remediation (SRR)	2.25
Vapor Intrusion Mitigation (VIM-1) – session 1	2.00
Vapor Intrusion Mitigation (VIM-1) – session 2	2.00
Soil Background and Risk Assessment (SBR)	1.50
Pump & Treat Optimization	2.25
Environmental Data Management (EDM): Best Practices for Achieving and Maintaining	
Quality within Environmental Data Management	1.50

# **Microbial Insights**

10515 Research Drive Knoxville, TN 37922 **P**: 865-573-8188

# https://microbe.com/webinars/

Courses	Credits
Why Don't You Consider Cometabolism?	1.00
Natural Source Zone Depletion: An Important Concept for the Management of Petroleum	1.00
and LNAPL Contaminated Sites	
If National Geographic Imaged Subsurface Microbes: What Pictures Tell us About Their	1.00
Culture	
Leveraging High-Resolution Site Characterization and Microbiology to Optimize	1.00
Remediation	
Compound Specific Isotope Analysis for Environmental Forensics	1.00
Optimizing Phytoremediation Applications Using Molecular Biological Tools	1.00
High Resolution Site Characterization and Sophisticated Bio-analytical Tools Provide the	1.00
Basis for Successful Site Remediation using ERD	
Methods for Detecting Monooxygenases Involved in Emerging Contaminant	1.00
Biodegradation	
Optimizing Injection Strategies and In Situ Remediation Performance	1.00
Minor Pathways: Major Potential for Natural Attenuation	1.00

# **Microbial Insights (Continued)**

Courses	Credits
Transitioning from Active Remedies to Monitored Natural Attenuation	1.00
Using Stable Isotopes to Document Contaminant Degradation and Distinguish Sources	1.00
Navigating Molecular Testing—From Assay Selection and Sampling Strategy to Results	1.00
Interpretation"	1.00
Multiple Substrates and Monooxygenases – Recent Progress Towards "Precision"	
Aerobic Cometabolism of Contaminants	1.00
CLU-IN Bioremediation-Expanding the Toolbox Session III-Emerging Opportunities	1.00
Incorporating CSIA in Vapor Intrusion Investigations	1.00
In Well Bioreactors for Treatment and Propagation of Indigenous Degraders in	
Contaminated Groundwater	1.00
Confirming in situ Benzene Biodegradation Under Anaerobic Conditions Using Stable	
Isotope Probing	1.00
Min-Trap™: A New Monitoring Well-Based Sampling Tool for Documenting In Situ	_
Reactive Mineral Formation	1.00
Performance of a New Activated Carbon Amendment for Bio-Remediating Petroleum-	
Impacted Site	1.00
Something Old, Something New: Applications of 14C Assays to Document Natural	
Attenuation	1.00
4 Tips to Save Money at Your Site with MNA	1.00
Putting Microbes to Work (and Documenting it)	1.00
The Era of Advanced Omics- Proteomic Analysis of Microbial Communities	1.00
How to Select and Use Molecular Biological Tools	1.00
Making Sense of CSIA	1.00
A Primer on Compound Specific Isotope Analysis (CSIA) to Evaluate Degradation of	4.00
Organic Contaminants in Groundwater	1.00
Successful Advanced ISCO Analytical Practices	1.00
In-Situ Thermal Remediation and Heat Enhanced Biodegradation: Monitoring and	4.00
Augmenting a Thermal Project using MBTs	1.00
Applications of Bio-Traps for Environmental Site Diagnostics	1.00
Evaluating Vapor Intrusion with Compound Specific Isotope Analysis (CSIA): Considerations for Sample Collection, Analysis and Interpretation	1.00
Persulfate ISCO and the Potential for Sulfate 'Anaerobic' Oxidation	1.00
Use of Microbiological Tools in the Successful Management of In Situ Remediation	1.00
Systems	1.00
Introduction to Molecular Biology for Groundwater Scientists: Part 1	1.00
Introduction to Molecular Biology for Groundwater Scientists: Part 2	1.00
Introduction to Molecular Biology for Groundwater Scientists: Part 3	1.00
CSIA vs. SIP: What is the difference and how do I use them?	1.00
Molecular Biological Tools: Insider Information and the Questions You Should Be Asking	1.00
Mythbusters – Misconceptions in Environmental Remediation	1.00
Mythbusters Part II – Misconceptions in Environmental Remediation	1.00
The Microbial Insights Database	1.00
Applications of Bio-Traps for Site Diagnostics	1.00
Matrix Diffusion Impacts on Groundwater Cleanup Time	1.00
Environmental Systems Biology: The Whole is Greater than the Sum of its Parts – Team	
Science	1.00
Combined Remedial Technologies to Treat Multiple Contaminants	1.00
Development of a Biogeochemical Conceptual Site Model Using Molecular Biological	
Tools at a Petroleum Terminal	1.00

# **Microbial Insights (Continued)**

Courses	Credits
The 4 B's: The Basic "Bugology" of Biodegradation and Bioremediation	1.00

# **Midwest Geosciences Group**

1950 Greyhound Pass, Suite 18-200 Carmel, IN 46033-7630 USA

**P**: 763-607-0092

**E**: <u>service@midwestgeo.com</u>

https://www.midwestgeo.com/

Courses	Credits
Aquifer testing techniques for improved hydrogeologic site characterization: featuring aqtesolv and the in situ troll	24.00
Advances in borehole flow meters: for determining water yielding fractures and ground water flow in bedrock	1.50
Successful slug testing: formations of low hydraulic conductivity, high, and everything in between	1.50
Creating meaningful soil boring logs: learning to analyze and correlate sedimentary relationships	2.00
The use and misuse of the unified soil classification system: improving field procedures, techniques and characterization	2.00
Rock core logging for hydrogeologic projects: assessing recovery, RQD, fractures and stratigraphy	1.50
Taking the mystery out of complex glacial sequences at environmental and geotechnical sites: part 1: deciphering stratigraphy and depositional environments	1.50
Taking the mystery out of complex glacial sequences at environmental and geotechnical sites: part 2: understanding the effects of post-depositional weathering: development of	4.50
weathering zones and secondary jointing  Managing unanticipated subsurface conditions in the field: achieving efficiency and project	1.50
objectives when budgets matter most  The meaning of soil and sediment color: part 1: effects from geologic material, ground	2.00
water and chemistry  The meaning of soil and sediment color: part 2: using soil and sediment color to guide field	1.50
Introduction to lithofacies codes: with application to 3d mapping	1.50 1.00
Introduction to sedimentary architecture: of glacial deposits	1.00
Boring logs basics: fundamentals of preparing soil boring logs	1.50
Multi aquifer response to pumping	1.50
Unconfined aquifer response to pumping	1.50
Slug testing for site characterization: the six key steps	1.50
Slug testing for site characterization: practical guidelines to improve efficiency and accuracy	1.50
Slug testing for site characterization: practical guidelines for processing and analysis of your slug test data	1.50
Aquifer pumping test techniques: part 1: practical guidelines to get more from your test	
data	1.50
Aquifer pumping test techniques: part 2: step drawdown testing	1.50
Aquifer pumping test techniques: part 3: constant rate pumping tests	1.50
Aquifer pumping test techniques: part 4: recovery testing  Aquifer pumping test techniques: part 5: from measuring water levels to exporting data	1.50 1.50
Aquifer pumping test techniques: part 5: from measuring water levels to exporting data  Aquifer pumping test techniques: part 6: response from pumping in unconfined aquifers	1.50
riganor pamping toot tooriniquos, part of response from pamping in uncommed addition	1.00

# **Midwest Geosciences Group (Continued)**

Courses	Credits
Step-by-step packer testing: measuring hydraulic conductivity and aquifer properties for	<u></u> .
hydrogeologic projects	1.50
High resolution packer testing: for reliable estimates of transmissivity in fractured rock	
boreholes	1.50
Interpreting aquifer tests in fractured rock	1.50
Analysis of single-hole hydraulic testing in fractured rock and its implications: emerging	
techniques in hydraulic testing for fractured rock	1.50
Analysis of pumping tests in fractured rock with traditional interpretation methods:	
emerging techniques in hydraulic testing for fractured rock	1.50
Novel analysis of pumping tests using hydraulic tomography: emerging techniques in	1.00
hydraulic testing for fractured rock	1.50
	1.50
Transducer technologies from measuring water levels to exporting data: emerging	4.50
techniques in hydraulic testing for fractured rock	1.50
Borehole flow meters for assessing bedrock stratigraphy and fractured hydraulics:	4.50
emerging techniques in hydraulic testing for fractured rock	1.50
Advances in the fate, transport, and remediation of groundwater contaminants in fractured	
rock: evaluating the significance of matrix diffusion	1.50
Hydrogeology of aquitards and low-permeability materials: part 1: analysis of aquitard	
integrity	1.50
Hydrogeology of aquitards and low-permeability materials: part 2: head distributions,	
vertical gradients and solute transport	1.50
Nterpretation of water-level changes in wells: signal or noise?	1.50
Designing and optimizing ground water monitoring systems in sedimentary sequences:	
part 1: deciphering sedimentary sequences and targeting meaningful monitoring units	1.50
Designing and optimizing ground water monitoring systems in sedimentary sequences:	
part 2: well placement, hydraulic properties and hydrogeologic factors for monitoring	1.50
Designing and optimizing ground water monitoring systems in sedimentary sequences:	
part 3: case studies illustrating efficiencies and failures	1.50
Well design and construction: selecting appropriate filter pack and screen slot size	1.00
Effective use of MODFLOW-USG for ground water modeling: part 1: fundamentals of	1.00
MODFLOW-USG	1.00
	1.00
Effective use of MODFLOW-USG for ground water modeling: part 2: modeling with	1.00
MODFLOW-USG	1.00
Horizontal well hydraulics, part 1: predicting production rates of horizontal wells and radial	4.50
collector wells	1.50
Horizontal well hydraulics, part 2: planning, construction, and constraints of horizontal	
remediation wells	1.50
Principles of dewatering: techniques, construction, and hydrogeologic effects	1.50
Vapor intrusion in litigation: a synopsis of court decisions with legal strategies	1.50
The vapor intrusion risk pathway: overview and regulatory updates	1.00
Vapor intrusion mitigation: methods and strategies	1.00
Vapor intrusion challenges, technologies and risk management solutions: addressing	
impacts of new policies and revelations	1.50
Aquifer and aquitard heterogenieties: understanding environmental sequence stratigraphy	
for glacial deposits	1.50
Hydrogeologic application of glacial depositional environments, part 1: subglacial and ice-	1.00
marginal	2.00
Hydrogeologic application of glacial depositional environments, part 2: glaciofluvial and	۷.00
	2.00
glaciolacustrine	2.00

# **Midwest Geosciences Group (Continued)**

Courses	Credits
Post-depositional weathering of glacial deposits: understanding the development and	
effects of weathering zones and secondary jointing	2.00
Permeability mapping of glacial deposits: demystifying the conventional overreliance on	
grain size and understanding ground water flow	1.50
Borehole flow meters: part 1: for assessing bedrock stratigraphy and fractured hydraulics	1.50
Borehole flow meters: part 2: assessing bedrock stratigraphy and fracture hydraulics -	4.50
interactive exercises and practice	1.50
No-purge ground water sampling: with technical and regulatory updates for ground water	4.50
sampling trends	1.50
Ground water and environmental media sampling: part 1: general sampling procedures,	1.00
critical elements and quality control Ground water and environmental media sampling: part 2: ground water sampling	1.00
procedures	1.00
Ground water and environmental media sampling: part 3: surface water and stormwater	1.00
sampling, and soil sampling	1.00
Hydrogeology of karst conditions: part 1: applied methods of karst hydrology	1.50
Hydrogeology of karst conditions: part 2: ground water dye tracing: applications and	1.00
methods	1.50
Karst characterization using geophysics: part 1: effective geophysical methods for karst	1.50
Karst characterization using geophysics: part 2: case histories and example	1.50
Alternative endpoints in addressing remedial actions: at sites of ground water	
contamination	1.50
LNAPL in fine grained soil: convention, misconceptions and new advances	1.50
LNAPL transmissivity as a metric: the future in tracking LNAPL recovery progress	1.50
Anaerobic attenuation of petroleum contamination: advances and new trends in measuring	
natural attenuation	1.50
Environmental isotopes for contaminant source identification: advances in tools,	
technologies and applications	1.50
Environmental forensics and chemical fingerprinting: assessing analytical methods and	
understanding hydrocarbon chemistry	1.50
Emerging contaminants overview: occurrence, fate, transport and remediation	1.50
MTBE and TBA: part 1: update and review of these two gasoline additive co-contaminants	1.50
MTBE and TBA: part 2: update and review of these two gasoline additive co-contaminants	1.50
Accounting for nondetects and difficult results in environmental data: part 1: using common	4 00
statistical models and applying non-detect strategies and guidance	1.00
Accounting for nondetects and difficult results in environmental data: part 2: managing non-	1.00
detects and difficult data in summary statistics, plots and trend data	1.00
Statistical issues in ground water monitoring applications  Analytical detects: why subbing one-half of the detection limit is trouble and what you can	1.50
do instead	1.50
Handling nondetect data correctly	1.50
Environmental forensic techniques: principals & applications, part 1: contaminant source	1.50
tracking and age-dating	1.50
Environmental forensic techniques: principals & applications, part 2: applications for classic	1.00
and emerging contaminants in litigation support and efficient site remediation	1.50
The Essential Steps for Taking the Mystery Out of the Subsurface 2.0	8.00
=================================	3.00

#### **National Environmental Health Association**

 720 S. Colorado Blvd., Suite 1000-N
 P: 303-756-9090

 Denver, CO 80046
 F: 303-691-9490

E: staff@neha.gorg

https://www.neha.org/professional-development/education-and-training

CoursesCreditsEnvironmental Health and Land Reuse (EHLR) Certificate Program9.50

#### **National Ground Water Association**

601 Dempsey Rd. **P:** 800-551-7379 Westerville, OH 43081

Or 4 909 7701

614-898-7791 **F:** (614) 898-7786 **E:** customerservice@ngwa.org

https://www.ngwa.org/events-and-education/ngwa's-event-calendar

**Courses Credits** Applications of Groundwater Geochemistry short course 14.00 Groundwater/Surface Water Interactions: Field and Mathematical Approaches to Evaluating Groundwater Seepage and Attenuation short course 15.00 Drilling Fundamentals for Hydrogeologists short course 7.00 NGWA's Crafting Scientific Documents and Creating Effective Presentations - GWP core competency hours - Scientific writing and presentation 3.50 NGWA's Safe Practice in the Groundwater Industry: An NGWA Certificate Program 3.00 NGWA's Introduction to Groundwater Resources - CGWP core competency hours-Groundwater hydrogeology and hydraulics 1.50 NGWA's Grouting Methods for Water Supply Wells (introductory/layman's level) 0.50 NGWA's Selection and Operation of Meters for Safe and Successful Electrical Troubleshooting for Water Well Pump Systems (introductory) 0.50 Drilling Chemicals and Rehabilitation Activities 1.00 Tannins and Natural Organic Matter (NOM): What Contractors Need to Know 1.00 Pump Curves: What They Tell You and How to Use Them 1.00 Geothermal Operations: Applying Groundwater Expertise 1.00 Hydrogeology and Aquifers Webinar 1.00 Operational Stages of a Well Webinar 1.00 Well Design Basics Webinar 1.00 Water Well Video Logging Webinar 1.00 Well Disinfection Webinar 1.00 Borehole Logging Webinar 1.00 Chemicals and Techniques Used for Well Development Webinar 1.00 Field Methods: Groundwater Sampling and Analysis (short course #226) 22.50 Aguifer Test and Interpretation and Analysis (short course #192) 15.00 Drilling Fundamentals for Hydrogeologists and Engineers (short course #373) 7.00 Introduction to Groundwater Geochemistry Reaction Modeling (short course #292) 7.25 Grouting Methods for Water Supply Wells (#7132-2) 0.50 Introduction to Groundwater Resources (#1012) 1.50 Safe Practice in the Groundwater Industry: An NGWA Certificate Program (#1014) 3.00 Mud Rotary Drilling 1.00 Air Rotary Drilling (#833) 1.00

# **National Ground Water Association (Continued)**

Courses	Credits
Hard Hat Microbiology: Our Interactions with Microbes in Groundwater and Wells	
Webinar Series, Part 1 of 3 — Geo- and Aquatic Micro Primer (#813)	1.00
Hard Hat Microbiology: Our Interactions with Microbes in Groundwater and Wells	_
Webinar Series, Part 2 of 3 — Groundwater and Well Microbiology (#814)	1.00
Hard Hat Microbiology: Our Interactions with Microbes in Groundwater and Wells	_
Webinar Series, Part 3 of 3 — Prevention in Construction and Design, and	
Remediation (#815)	1.00
Water Quality: Public Health vs. Well Health (#875)	1.00
Legally Structuring Your Business Activities to Comply with New Electronic Logging	
Device Laws (#807)	1.00
Advances in Remediation Solutions Webinar Series: Big Data and Environmental	
Remediation — Gaining Predictive Insights (#885)	1.00
Advances in Remediation Solutions Webinar Series: Cleaning Up a Three-Mile-Long	
Groundwater Plume — It Can Be Done (#884)	1.00
Advances in Remediation Solutions Webinar Series: The New ROI — Return on	
Investigations by Utilizing Smart Characterization Methods (#883)	1.00
Drilling Fluid Mixing (#869)	1.00
The Oxidation Reaction — Friend or Foe to the Groundwater Industry (#871)	1.00
Tools and Techniques to Measure the Performance of a Well (#870)	1.00
Introduction to Borehole Flowlogging (#855)	1.00
Environmental Isotopes in Groundwater Studies: Isotope Tools to Date Groundwater	
_(#851)	1.00
Environmental Isotopes in Groundwater Studies: Nitrogen Species and Reactions in	
Contaminated Groundwater (#836)	1.00
Environmental Isotopes in Groundwater Studies: Tracing Carbon Sources and	
Reactions with Carbon-13 and Carbon-14 (#835)	1.00
Environmental Isotopes in Groundwater Studies: Applications of Oxygen-18 and	
Deuterium in Tracing Groundwater Origin and Mixing (#829)	1.00
Environmental Isotopes in Groundwater Studies: Introduction to Environmental	
Isotopes in the Hydrologic Cycle (#825)	1.00
Cable Tool Drilling Webinar, Module 1 (#818)	1.00
Cable Tool Drilling Webinar, Module 2 (#819)	1.00
Reverse Circulation Drilling Webinar (#830)	1.00
Serious Groundwater Game: Improving Groundwater Management Through	
Cooperation and Collective Action	1.00
Groundwater Quality Management and Governance at the State Level	1.00
NGWA's Best Suggested Practice for Residential — and Other Smaller Diameter —	
Well Cleaning	1.00
Analyzing Groundwater Quality Data and Contamination Plumes with GWSDAT	1.00
ANSI Standards Development Orientation	1.00
Well Rehabilitation or Replacement: How to Decide When to Rehab and When to	
Replace	1.00
Well Development and Capacity: The Drilling Rig and the Test Pump Are Vital to a	
Successful Well	1.00
Two Phase Extraction	1.00
LNAPL Transmissivity Measurement Methods: A Preview of Developing Guidance	1.00
NGWA's Hydrogeology of States Webinar Series : Oklahoma	1.00
Air Drilling Best Practices	1.00

## New England Interstate Water Pollution Control Commission

Wannalancit Mills
650 Suffolk Street, Suite 410
Lowell, MA 01854
https://neiwpcc.org/

P: 978-323-7929
F: 978-323-7919
E: mail@neiwpcc.org

<u>Courses</u>	<u>Credits</u>
Site Assessment II: High Resolution Site Characterization (10/6/22)	1.00
Site Assessment I: Bedrock Sites (10/6/22)	1.50
Air Sparge, Soil Vapor Extraction, and Dual-phase Extraction at LUST Sites (11/16/2021)	2.00
LUST Corrective Action: Resources, Case Study, and a Discussion on Remedial Design	2.00
Characterization and In-Situ Remedial Methods (10/14/20 – part of the 2020 NTC	
Webinar Series)	
Lessons Learned from Using HRSC at LUST Sites (6/24/2020)	2.00
Evaluating Remediation Workplans (6/8/2020)	2.00
Risk Based Corrective Action – Unit 2 (7/18/19)	1.00
Risk Based Corrective Action – Unit 1 (10/5/2017)	1.75
LNAPL Conceptual Site Models (5/4/2017)	2.00
Emerging Cleanup Technology (9/14/2016)	1.75
Smart Characterization – The New Era of Site Investigations (7/19/2016)	2.50
Effective Use of High Resolution Tools for LNAPL Cost Management (1/22/2015)	1.50
Petroleum Vapor Intrusion (6/26/2012)	2.50
Leaking Underground Storage Tank (LUST) Treatment Trains	1.50

# **Nielson Environmental Field School**

9600 Achenbach Canyon Rd,' **P:** 575-532-5535

Las Cruces, NM 88011 E: info@envirofieldschool.com

https://www.envirofieldschool.com/2014-06-24-17-19-15/e-school-courses/gurupcategs

Courses	Credits
GWM-01 Ground-Water Monitoring Program and Monitoring System Design Elements;	
Establishing Monitoring Program and Monitoring System Objectives, Data Needs & Uses	1.00
GWM-02 Assembling and Evaluating Important Existing Information (Part 1); Types and	
Sources of Existing Information	1.25
GWM-03 Assembling and Evaluating Important Existing Information (Part 2); Using	
Existing Information to Prepare an Initial Conceptual Site Model	1.00
GWM-04 Conducting a Detailed 3-Dimensional Environmental Site Characterization	
Program – Approaches, Tools and Methods	1.25
GWM-05 Refining the Conceptual Site Model; Selecting Optimum Monitoring Point	
Locations in 3 Dimensions	0.75
GWM-06 Factors to Consider in Selecting a Drilling Method; Descriptions, Applications	
and Limitations of Casing Advancement Drilling Methods	1.25
GWM-07 Descriptions, Applications and Limitations of Fluid Circulation Drilling Methods	
and Hollow-Stem Augers	1.00
GWM-08 Planning and Preparation for Soil Sample Collection and Description;	
Describing Soil Samples in the Field (Part 1)	1.00
GWM-09 Describing Soil Samples in the Field (Part 2); Handling Soil Samples in the	
Field	1.00

# Nielson Environmental Field School (Continued)

<u>Courses</u>	<u>Credits</u>
GWM-10 Objectives and Purposes of Monitoring Wells; Sources of Chemical	
Interference in Well Construction; Selection of Well Casing and Screen Materials;	
Methods for Joining Well Casing and Screen	1.00
GWM-11 Optimizing Well Diameter; Types and Designs of Well Screens; Selecting Filter	
Pack Material Size and Well-Screen Slot Size; Optimizing Well Screen Length; Options	
for Monitoring Multiple Target Monitoring Zones	1.00
GWM-12 Selection and Installation of Filter-Pack Material Type; Selection and	
Installation of Effective Annular Seal Materials	0.75
GWM-13 Surface Protection for Monitoring Wells; Alternate Well Completions; Direct-	
Push Well Installation	0.75
GWM-14 Ground-Water Monitoring Well Development – Objectives, Applications,	
Methods and Procedures	0.75
GWM-15 Planning and Executing a Successful Ground-Water Sampling Event	1.25
GWM-16 Field Decontamination Procedures for Ground-Water Sampling Equipment	1.50
GWM-17 Field Quality Assurance/Quality Control Practices for Ground-Water Sampling	
Events	1.00
GWM-18 / ES-18 The Science Behind Ground-Water Sampling (Part 1): Objectives of	
Ground-Water Sampling; The Importance of High-Quality Data; Uses of Water-Level	
Data; Water-Level Measurement Methods and Procedures; Recognizing and Avoiding	
Sources of Bias	1.25
GWM-19 / ES-19 The Science Behind Ground-Water Sampling (Part 2): Sources of Bias	
and Error in Ground-Water Sampling; Conditions Under Which Ground Water Occurs;	
Factors Affecting the Representative Nature of Ground-Water Samples	1.25
GWM-20 Purging and Sampling Device Selection Criteria; Operational Characteristics,	
Applications and Limitations of Grab Samplers, Suction-Lift Pumps & Electric Centrifugal	
Submersible Pumps	0.75
GWM-21 Operational Characteristics, Applications and Limitations of Positive	
Displacement Pumps (Gear-Drive Electric Submersible Pumps, Double-Acting Piston	
Pumps, Bladder Pumps and Gas-Drive Pumps) and Inertial-Lift Pumps	0.5
GWM-22 Conventional Purging and Sampling Practices for High-Yield and Low-Yield	
Wells	0.75
GWM-23 / ES-23 Practices and Procedures for Low-Flow Purging and Sampling	1.00
GWM-24 / ES-24 Practices and Procedures for No-Purge Sampling	0.75
GWM-25 / ES-25Field Water-Quality Indicator Parameter Measurement During Well	
Purging	1.25
GWM-26 / ES-26 Ground-Water Sample Filtration	0.75
GWM-27 /ES-27 Ground-Water Sample Preservation	0.75
GWM-28 Ground-Water Sample Handling and Shipment	1.00
GWM-29 Documentation of Ground-Water Sampling Events	1.50
The Complete Ground-Water Sampling E-Course (With Option for Professional	
Certification)	25.50
The Low-Flow Purging and Sampling and No-Purge Sampling E-Course	20.50
The Complete Ground-Water Monitoring E-Course (With Option for Professional	
Certification)	48.00
The Ground-Water Monitoring Well Design, Construction & Development E-Course (With	
Option for Professional Certification)	22.50
SS-01 Planning an Effective Soil Sampling Program – The Sampling & Analysis Plan	1.00
SS-02 /ES-02 Developing a Conceptual Site Model and Fine-Tuning it With Site	
Reconnaissance	1.00
SS-03 Strategies for Three-Dimensional Sampling of Soil	1.00

# Nielson Environmental Field School (Continued)

Courses	Credits
SS-04 Field Equipment Decontamination Procedures for Soil Sampling	1.00
SS-05 Field Quality Assurance/Quality Control Practices for Soil Sampling	0.75
SS-06 / ES-08 The Science Behind Soil Sampling – Part 1	1.00
SS-07 / ES-09 The Science Behind Soil Sampling – Part 2	1.00
SS-08 / ES-10 The Science Behind Soil Sampling – Part 3	0.75
SS-09 / ES-11Selection and Use of Soil Sampling Equipment – Part 1	1.00
SS-10 / ES-12 Selection and Use of Soil Sampling Equipment – Part 2	1.50
SS-11 / ES-13Soil Sample Handling and Processing Using U.S. EPA Method 5035B –	
Introduction; Use of Volumetric Sample Collection Methods	0.75
SS-12 / ES-14 Soil Sample Handling and Processing Using U.S. EPA Method 5035B –	
Use of Chemical Preservation/Extraction Methods	0.75
SS-13 / ES-15 Field Sample Analysis Options for Soil Samples	1.25
SS-14 / ES-16 Soil Sample Collection, Description & Handling in the Field Planning	
and Preparation for Soil Sample Collection and Description; Describing Soil Samples in	1.00
the Field (Part 1) SS-15 / ES-17 Soil Sample Collection, Description & Handling in the Field Describing	1.00
Soil Samples in the Field (Part 2); Handling Soil Samples in the Field	1.5
SS-16 Soil Sample Handling and Shipment	1.25
SS-17 Sampling Event Documentation	1.50
The Complete Soil Sampling E-Course (With Option for Certification)	28.50
The Soil Sampling for Volatile Organic Compounds (VOCs) E-Course	22.25
The Environmental Sampling E-Course (With the Option for Certification)	52.75
ES-01: Planning an Effective Environmental Sampling Program The Sampling Analysis	
Plan	1.25
ES-03: Strategies for Three-Dimensional Sampling of Environmental Media	0.75
ES-04: Field Equipment Decontamination Procedures for Multi-Media Environmental	_
Sampling	1.50
ES-05: Field Quality Assurance/Quality Control Practices for Multi-Media Environmental	
Sampling	1.00
ES-06: Environmental Sample Handling and Shipment	1.25
ES-07: Documentation of Environmental Sampling Events	1.00
ES-20 Selection/Operation of GW Purging & Sample Devices (Part 1) Sampling Device	
Selection Criteria; Sampling Device Impacts on Sample Chemistry; Operational	
Characteristics & Limitations of Grab Samplers, Suction-Lift Pumps & Elect. Centrifugal	0.75
Sub Pump ES-21 Selection/Operation of GW Purge & Sample Devices Part 2, Operational	0.75
Characteristics & Limitations of Positive Displacement Pumps (Gear-Drive Elec. Sub	
Pumps, Double-Acting Piston Pumps, Gas-Drive Pumps & Bladder & Inertial-Lift Devices	1.00
ES-22 Conventional Purging and Sampling Practices for High-Yield and Low-Yield Wells	1.00
Well-Volume Purging; Purging to Stabilization of Water-Quality Indicators; Purging to	
Dryness, Then Sampling	0.75
ES-28 Overview of Aquatic Systems and Sampling Strategies for Surface Water	0.75
ES-29 Overview of Surface-Water Sampling Devices	1.00
ES-30 Overview of Sampling Strategies and Sampling Devices for Sediment	1.00
ES-31 Waste Sampling Strategies and Methods Planning a Waste Sampling Program;	
Sampling Strategies and Devices for Drums, Tanks and Other Containers	1.00

**P**: 405-744-9225

#### Northwest Environmental Training Center

1701 Mount Baker Avenue Northeast P: 425.270.3274 x105
Renton, WA 98059 E: info@nwetc.org

https://nwetc.org/courses-and-subjects

Courses	<b>Credits</b>
Comprehensive Environmental Sampling: Methodology, Practice, and Analysis	16.00
Environmental Forensics in Water Resources	13.00
Environmental Forensics-Site Characterization and Remediation	16.00
Fundamental Contaminant Chemistry In Soil And Groundwater	16.00
Achieving Water Quality Standards Through Contaminant Trackdown Studies	13.00
Basic Hydrology	14.00
EPA's New Unified Guidance: Statistical Analysis of Groundwater Monitoring Data	16.00
Contaminant Vapor Migration and Intrusion	16.00
Groundwater Contamination and Remediation: Principles and Practices	13.00
New Approaches in Remediation of Contaminated Sediments	16.00
Principles Of Quality Assurance and Quality Control In Environmental Field Programs	16.00

## **Oklahoma Groundwater Association**

P.O. Box 14875 **P:** 405-258-8747

Oklahoma City, OK 73113 E: josh@okgroundwater.org

https://www.okgroundwater.org/

Courses	<u>Credits</u>
OGWA/OWRB Virtual Education - Well Design Basics	2.00
OGWA/OWRB Virtual Education - Operational Stages of a Well	2.00
OGWA/OWRB Virtual Education - Water Well Video Logging	2.00
OGWA/OWRB Virtual Education - Borehole Logging	2.00
OGWA/OWRB Virtual Education - Well Disinfection	2.00
OGWA/OWRB Virtual Education - Chemicals & Techniques Used for Well Development	2.00
OGWA/OWRB Virtual Education - Drilling Chemicals & Rehabilitation Activities	2.00
OGWA/OWRB Virtual Education - Oh, NoI Have to Work with an Engineer	2.00
Hands on Well Drilling Course	6.00
Oklahoma Rules and Regulations	1.00
Risk-Based Corrective Action (RBCA) training at Oklahoma State University	16.00

# **Oklahoma State University**

OSU Engineering Extension 512 Engineering North Stillwater, OK 74078

https://ceat.okstate.edu/extension/professional-

development/courses/environmental-compliance-training.html

Courses	<u>Credits</u>
Environmental Audits, Inspections and Site Assessments	8.00
Environmental Chemistry for Non Chemists	8.00
Environmental Management Certificate Program – 1 week	40.00
Environmental Management Certificate Program – 2 weeks	80.00

# **Oklahoma State University (Continued)**

Courses	Credits
Environmental Tank Management and Sampling	4.00
Recognizing And Managing Environmental Liability	4.00
Remediation and Treatment Technologies	4.00
Well Driller and Pump Installer	2.00
NGWA: Drilling Basics: General Workplace Safety	8.00
Hazardous Waste Generator (HWG)	6.00
OSU Tulsa, Environmental Science Graduate Programs (ESGP) Managing	1.00
Contaminated Soil	
Drilling Basics: Geology and Groundwater	8.00

# **Online PDH**

1265 San Juan Dr. Merritt Island, FL 32952 **P**: 321-501-5601

#### https://www.online-pdh.com/

Courses	<u>Credits</u>
Cleanup Methods for Contaminated Soil and Groundwater	4.00
Subsurface Drilling and Sampling	4.00
Subsurface Investigations: Boring Log Interpretation	4.00
Subsurface Investigations: Groundwater	4.00

## **PDH Express**

2500 Tanglewilde, Suite 220 Houston, TX - 77063 **T**: 713-783-1030

E: pdhexpress@gmail.com

#### https://pdhexpress.com/

Courses	<u>Credits</u>
Green Remediation - Incorporating Sustainable Environmental Practices Into Remediation	
Of Contaminated Sites	8.00
Guidance for Remediation of Petroleum Contaminated Sites	27.00
Strategies For Characterizing Subsurface Releases Of Gasoline Containing MTBE II	12.00

# **PDH Online**

5272 Meadow Estates Drive Fairfax, VA 22030 **P:** 703-988-0088

E: info@PDHonline.com

#### https://www.pdhonline.com/

Courses	Credits
Contaminated Site Remediation Part I- Evaluation of Site Characteristics	4.00
Guidelines for Contaminated Ground Water Plume Management	3.00
Laboratory Testing of Soils	4.00
Groundwater Investigations	3.00
Drilling and Sampling of Soil and Rock	4.00
Boring Log Preparation	4.00
Procedures for Soil Sampling in Borings	3.00

# **PDH Online**

Courses	Credits
Vapor Intrusion - ASTM E2600 Overview ABIH CM APPROVAL #08-1821	3.00
Risk-Based Corrective Action (RBCA) for UST Sites	1.00
An Introduction to Identification and Classification of Soil and Rock	4.00
An Introduction to Laboratory Testing of Soils	4.00
Multi-Phase Extraction	8.00
Introduction to Light Non-Aqueous Phase Liquids (LNAPL)	3.00
Vapor Barriers Under Concrete Slabs – Guidance for Selection and Location	1.00
Field Investigative Methods in Groundwater Hydrology	4.00
Hydrologic Probability and Statistics	4.00
A Hydrology Primer for Engineers & Hydrologists	4.00
Indoor Vapor Intrusion Mitigation Approaches	5.00
SVE/Bioventing	8.00
Monitoring Well Design, Installation and Reporting Guidelines at HTRW Sites	3.00
Ground Improvement Guidelines	3.00
Green Remediation	3.00
In Situ Air Sparging	8.00
Phytoremediation: Selecting and Using phytoremediation for Site Cleanup	3.00
Treatment Technologies for Contaminated Soils	3.00
Biological Treatment of Contaminated Soils	3.00
Cleanup Methods for Contaminated Soil and Groundwater	4.00
An Introduction to in Situ Treatment of Hazardous Soil	2.00
Using Compound Specific Isotope Analysis (CSIA) in Groundwater Assessments	6.00
Phytoremediation for Removal of Site Contaminants	3.00
An Introduction to Air Sparging for Soil Remediation	2.00
Planning a Groundwater Investigation and Modeling Study	2.00
Field Investigative Methods in Groundwater Hydrology	4.00
Groundwater Hydrology	8.00
Petroleum Releases: Identification of LNAPL Properties	3.00

# **PeroxyChem**

Global PeroxyChem Headquarters **T**: 866-860-4760 One Commerce Square 2005 Market Street, Suite 200 267-422-2400 Philadelphia, PA 19103

http://www.peroxychem.com/markets/environment/soil-andgroundwater/webinars

Courses	Credits
Fundamentals of Combining In Situ Solidification and Stabilization with ISCO	1.00
Klozur® KP Applications Experience: Extended Release Chemical Oxidation	1.00
Introducing Klozur® One: An All-in-One Fully Soluble Activated Persulfate Reagent	0.75
Soil Mixing and In Situ Stabilization Using Klozur® Persulfate	1.00
Introducing Klozur® KP - an extended release ISCO persulfate reagent	0.75
Monitoring Programs for Klozur® Persulfate Applications: Information Needed Before,	
During and After an Application	0.75
Bench Testing for the Successful Implementation of Remediation Technologies	0.75
Design Considerations for Activated Klozur® Persulfate Field Applications	0.75

#### PeroxyChem (Continued)

Courses	Credits
Successful Field Applications of Alkaline Activated Klozur® Persulfate	1.00
Strategies for Treating Highly Contaminated Sites ISCO	0.75
Design Strategies and Applications Combining ISCO and ISS	1.00
Enhanced Aerobic Bioremediation of Soil Containing PCP, PAHs, Phthalates, and	
Petroleum Hydrocarbons	0.75
Design Considerations for In Situ Reductive Pilot Tests	0.75
Understanding ISCO Field Applications by Assessing Geochemical Data	0.75

#### **Princeton Groundwater**

E:info@princeton-groundwater.com

http://www.princeton-groundwater.com/

<u>Courses</u>	<u>Credits</u>
The Groundwater Pollution And Hydrology Course	40.00
The Remediation Course	40.00

# Pumps of Oklahoma

1220 NW 3rd Street
Oklahoma City, Ok 73106

www.pumpsok.com

P: 800-669-3574

or
405-235-2695

	<u>Courses</u>	<u>Credits</u>
Well Drilling/Rehab		4.00

#### **QED Environmental Systems**

2355 Bishop Circle West

Dexter, MI 48130

https://www.qedenv.com/Service/Webinars/Previously\_Recorded\_Webinars

P: 800-624-2026

or
734-995-2547

E: info@gedenv.com

E: info@gedenv.com **Courses** Credits Best Practices for Collecting Soil Samples for VOC Analysis 1.50 Trends in Groundwater Sampling: A Comparison of Groundwater Sampling Methods 1.50 Passive Ground Water Sampling and the Snap Sampler® System 1.50 Low-Flow Groundwater Sampling - Latest Research and Equipment Options 1.50 Air Stripping for VOC and Dissolved Gas Removal 1.50 Mini Webinar Part 1: The Air Stripping Process 1.50 1.50 Mini Webinar Part 2: Air Stripping System Design Mini Webinar Part 3: Operating an Air Stripper System 1.50 Part 1: Introduction to Air Strippers for VOC Removal 1.50 Part 2: Air Stripping Advanced Topics Webinar 1.50

# **Red Vector**

4890 West Kennedy Blvd, Suite 300 **T:** 866-546-1212 Tampa, FL 33609

#### www.redvector.com

<u>Courses</u>	<u>Credits</u>
A Hydrology Primer for Engineers and Design Professionals	2.00
Aquifer Remediation	1.00
Basics of Water Resources: Groundwater Contamination	2.00
Basics of Water Resources: Groundwater Hydrology	1.00
Excavation Safety and Shoring/OSHA	4.00
Water Well Design	2.00

# **Regenesis**

 1011 Calle Sombra
 P: 949-366-8000

 San Clemente, CA 92673
 F: 949-366-8090

# https://regenesis.com/en/webinars/

Courses	<u>Credits</u>
The Vapor Intrusion Risk Pathway: Regulatory Updates & Continuous Monitoring	1.00
Pathway to Remediation Success: A Next-Generation Approach to Complex	
Contaminated Sites	1.00
Case Study: Petroleum Contaminants from UST at Non-Detect within 60 Days using	
PetroFix	1.00
Incorporating CSIA in Vapor Intrusion Investigations	1.00
Update on The Evolving Vapor Intrusion Regulatory Landscape	1.00
The Use of Geophysics for Optimizing Environmental Site Characterization and	
Remediation	1.00
Introducing MonoShield: A Chemically Resistant, Preemptive Vapor Barrier That Saves	
Time and Money	1.00
Cutting-Edge Technology to Improve Site Performance: Case Studies Demonstrating	
Millions in Cost Savings	1.00
Performance of a New Activated Carbon Amendment for Bio-Remediating Petroleum	
Impacted Sites	1.00
Defining Cleanup Success For Groundwater Remediation	1.00
Large-Scale Vapor Intrusion Projects: Challenges And Collecting Consistent Quality Data	1.00
Cost-Effective Remediation Through Enhanced Characterization	1.00
The Vapor Intrusion Risk Pathway: Updates & Use of Continuing Monitoring Data	1.00
In-Situ Chemical Reduction (ISCR): The Core Concepts and Their Engineering	
Implications	1.00
How To Select And Use Molecular Biological Tools (MBTs)	1.00
Expert Remediation Consultant Panel: The Four Cornerstones of a Successful	
Groundwater Remediation Project	1.00
Safe and Effective In Situ Remediation: Best Practices for Amendment Selection, Design	
and Project Execution	1.00
Case Study: Use of PlumeStop Results in Successful Pay-for-Performance Contract with	
FDEP to Address Large BTEX Plume	1.00
From Laboratory to Site: The development and deployment of an innovative Liquid	
Activated Carbon technology	1.00
Using Geology to Follow the Groundwater: Follow the Flow to Successful Remediation	1.00

# Regenesis (Continued)

Courses	Credits
Visualization and Modelling Tools for Evaluating Remediation Performance	1.00
The Vapor Intrusion Risk Pathway: Regulatory Updates & Hot Topics	1.00
Vapor Intrusion: Investigating And Understanding Risk	1.00
Multifunctional Amendments and Site Characterization Effectively Manage Back Diffusion	
from a Fractured Sandstone Aquifer	1.00
Vapor Intrusion: Impact On Environmental Due Diligence	1.00
Jack Sheldon: A Tale of Two ISCO Chemistries	1.00
Vapor Intrusion Webinar with Blayne Hartman: Regulatory Updates and Practical	
Assessment Strategies	1.00
Selecting Appropriate Molecular Biological Tools (MBTs) to Assess Remediation	
Solutions and Monitor Performance	1.00
A Multi-Site Performance Review of Slow Release Electron Donor and Bioaugmentation	
Co-Application Strategy	1.00
Environmental Liability Transfer Sites: Well-Suited to Combined Remedies by Jack	
Sheldon, Antea Group	1.00
Field Performance Review: Biodegradation of Groundwater Contaminants using	
PlumeStop® Liquid Activated Carbon™	1.00
Access Presentation Recording: Effective and Sustainable Combined Remedies using	
Single Application of Multi-functional Amendments	1.00
Design Verification - Lessons Learned from Pre-Application Assessments at In Situ	
Remediation Sites	1.00
Why Focus On The Geology? By Rick Cramer, AECOM	1.00
Combined Remedy Synergies — Quantified Performance Benefits	1.00
The Vapor Intrusion Risk Pathway: Regulatory Updates	1.00
Reduce Groundwater Contaminants In Days With PlumeStop®	1.00
New Technology for In Situ Groundwater - PlumeStop™ Liquid Activated Carbon™	1.00
Remediation Case Studies – Why using Manufacturer-Direct Services Makes a	
Difference	1.00
An Introduction to PersulfOx (Catalyzed Persulfate)	1.00
Optimizing Remediation at Service Station Sites through Field Application and	
Performance Monitoring (USA)	1.00
Contaminant Desorption and Enhanced Recovery for Bound Hydrocarbon Removal	
using PetroCleanze®	1.00
Vapor Intrusion Mitigation Design And Constructability Challenges: Using An Innovative	
New Vapor Barrier Technology	1.00
The Evolution of Vapor Barrier Technology and Best Practices for Successful Vapor	
Barrier Implementation	1.00
Passive Vapor Mitigation (Part 1): Evaluation & Design	1.00
Passive Vapor Mitigation (Part 2): Installation, QA/QC & Case Studies	1.00
Successful Large-Scale Vapor Intrusion Investigation: A Regulatory Perspective	1.00
Proven Methods for Saving Time and Money Using In-Situ Activated Carbon	
Remediation	1.00
In-Situ Remediation within Bedrock: An Exploration of the Challenges And Solutions	
Using Case Studies In Various Geological Settings	1.00
Retro-Coat 101: A Complete Guide to the Retro-Coat Vapor Barrier System	1.00
Subjective Standards and the Long-Term Liability of Vapor Intrusion	1.00
Effective Methods for Enhancing Permeable Reactive Barriers	1.00
Rapid Remediation of Hydrocarbon Plumes: Best Practices for the Design and	
Application of PetroFix	1.00

# **Regenesis (Continued)**

Courses	Credits
Validating the Role of PetroFix® Technology for the Remediation Practitioner's Toolbox	1.00
Groundwater and Contaminant Mass Flux: A Modern View And Approach to Measuring,	_
Reporting and Designing with mass Flux Data	1.00
A Remedy to Achieve Site Closure: Fast and Permanent Remedy Replaces Pump and	
Treat System	1.00
Innovative Remediation Via PertroFix Injection And Flooding Active Tank Basins	1.00
Proven Strategies For Protection Against Vapor Intrusion In Existing Buildings	1.00
Effective Design and Implementation of Vapor Intrusion Mitigation Systems for New	_
Construction	1.00
REGENESIS Technical Perspectives: Advanced Use of Modelling in Design and	_
Management of In Situ Groundwater Treatment with Colloidal Activated Carbon	3.00
A Business Case for Achieving Significant Cost Savings Using Colloidal Activated	
Carbon	1.00

# **RPI (Remediation Products Inc.)**

6390 Joyce Drive, Suite 150 West Golden, CO 80403 **P**: 720.639.8771

https://www.trapandtreat.com/?s=webinar

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https://www.trapandtreat.com/2023-remediation-products-webinar-conference-schedule/

<u>Courses</u>	Credits
Webinar: Expedited Petroleum Hydrocarbon Remediation Using BOS 200 Getting Rid of	0.75
LNAPL	
Trap & Treat® LNAPL vs. BOS200® Webinar June 21, 2018	0.75
Leveraging the Remedial Design Characterization (RDC) Process to Develop Surgical	0.75
Designs and Manage Expectations	
Slurry Injection in Overburden and Challenging Geology- Best Practices, Applications,	0.75
and the Pre-Drill Method	
WEBINAR: DIET Strategy + Activated Carbon = Geobacter Smorgasbord at CVOC Sites	0.75
PRB Design and Installation- Reducing Mass Flux By Promoting Contact In Situ	0.75
Activated Carbon In-Situ: Exposing the Truth About Tap & Treat and Rollover	0.75
The Pre-Drill Methodology: Overcoming Unconsolidated DPT Refusal	0.75
Drilling Down on the Trap and Treat ® Approach part 2 – Petroleum Hydrocarbons	1.00
Remediation	
Unlocking the Secrets to Fractured Bedrock Injection	1.00
BOS 200+ What's New for Hydrocarbons	1.00
Petroleum Hydrocarbon Remediation Using the qHRSC Process, BOS 200 and BOS	1.00
200+	

# **SERDP ESTCP**

Strategic Environmental Research and Development Program (SERDP) Environmental Security Technology Certification Program (ESTCP) 4800 Mark Center Drive, Suite 16F16 Alexandria, VA 22350-3605

**P**: 571- 372-6565

https://www.serdp-estcp.org/Tools-and-Training/Webinar-Series

Courses	<u>Credits</u>
Approaches for Managing Contaminated Sediments	1.50
Applying Compound-Specific Isotope Analysis to Document Contaminant Degradation	_
and Distinguish Sources	1.50
Advances in Managing Contaminated Groundwater Using High Resolution Site	_
Characterization and Contaminant Mass Flux Reduction	1.00
Vapor Intrusion: Modeling Tools and Cost Effective Mitigation	1.50
Managing Contaminated Sediments: Passive Sampling Methods and In Situ Treatment	1.50
Advances in the Assessment and In Situ Treatment of Contaminated Sediments	1.50
Bioavailability of Contaminants of Concern in Soils at DoD-Impacted Sites	1.50
Practical Assessment and Optimization of Redox-Based Groundwater Remediation	
Technologies	1.50
Geophysics 101 – Realistic Expectations for Geophysics When Used for Site	_
Characterization and Remediation Monitoring – Part 1	1.50
Geophysics 101 – Realistic Expectations for Geophysics When Used for Site	_
Characterization and Remediation Monitoring – Part 2	1.50
Vapor Intrusion: Regulatory Update and Advances in Assessment Tools	1.50
New Tools for Improving the Management of Contaminated Sediment Sites	1.50
Key Advances in Vapor Intrusion Assessments at Contaminated Sites	1.50
Development of a Decision Support Tool for Vadose Zone Remediation of Volatile	
Contaminants	1.25
Modeling and Monitoring Tools to Support Passive and Active NAPL Remediation	
Approaches	1.50

#### SIREM

180A Market Place Blvd. Knoxville, TN 37922

**P**: 1-866-251-1747 519-822-2265

https://www.siremlab.com/category/webinars/

<u>Courses</u>	<b>Credits</b>
Breaking Benzene: Translating 30+ Years of Anaerobic Bioremediation Research to Field	1.00
Practice	
The Best of Both Worlds: Quantitative Sub-Slab Passive Sampling with WMS™ and	1.00
Vapor Pin	
Completing the Picture: Incorporating Treatability Studies into Conceptual Site Models at	1.00
Complex Sites	
Integrating CSIA Into Your Site Management Strategy	1.00

#### Stantec

https://www.stantec.com/en	P: 1-866-782-6832 E: media@stantec.com	
Courses	Credits	
Site Investigation in More Than Two Dimensions	1.00	
Phytoremediation	1.00	

# Sun Cam

3111 Hartridge Terrace E: suncam@suncam.com Wellington, Florida 33414-3431

https://www.suncam.com/continuing-education/all\_courses.html

Courses	Credits
016-Assessing Environmental Contamination I	4.00
269-An Introduction to Due Diligence Reports for Development Projects	4.00

# Surfactant Associates, Inc.

PO Box 2705	<b>P</b> : 405-366-7677
Norman, Oklahoma 73070	E:
	samail@surfactantassociates.com
https://www.surfactantassociates.com/short_course	

Courses	<u>Credits</u>
Applied Surfactant Science And Technology Short Course	24.00

# **Tersus Environmental**

1116 Colonial Club Rd **P**: 919 453 5577 Wake Forest, NC 27587 E: info@tersusenv.com

https://www.gotostage.com/channel/tersusenv\

Courses	<u>Credits</u>
Part 1: Optimization and Monitoring for Remediation	3.25
Part 2: Optimization and Monitoring for Remediation	3.25
If You Think PAC-GAC Amendments are like Sending Flowers to Your Site - Rethink the	0.75
Romance	
Remediation Performance Data Interpretation	0.75
Advances in Treatment Train Approach Using Surfactant Enhanced Aquifer Remediation	1.00
Coupled with ISCO	
Optimization of Remediation Systems using Our Expanding Suite of Molecular Tools	0.75
Milestones in Successful Surfactant-Enhanced Aquifer Remediation (SEAR): Case Study	1.25
Designing Field Sampling Plans and Lab Studies in Support of Bioremediation Application	0.75
SIREM Webinar – A new tool in the toolbox - Anaerobic Benzene Bioremediation	0.50
Innovative Surfactant System Formulations for LNAPL Recovery. Surfactant flushing	1.00
equipment.	
2015-12-17 12.59 Innovative Surfactant System Formulations for LNAPL Recovery, how	1.00
surfactants work and when they work best.	
Short Course: Petroleum Hydrocarbon Remediation, Site Data Management and	2.25
Performance Monitoring Strategies - Part 1: Petroleum Hydrocarbon Remediation	

#### **Tersus Environmental (Continued)**

Courses	Credits
Short Course: Petroleum Hydrocarbon Remediation, Site Data Management and	2.25
Performance Monitoring Strategies - Part 2: Petroleum Hydrocarbon Site Data	
Management and Performance Monitoring Strategies	
Volatile Fatty Acids: Key Markers for Electron Donor Optimization in Bioremediation	1.25
Systems	
Temporal Electrical Monitoring to Understand Injectate Distribution	1.00
Application of facies models and sequence stratigraphy to conceptual site model	1.00
development and environmental remediation	
Online Short Course Part 2: Petroleum Hydrocarbon Site Data Management &	2.00
Performance Monitoring Strategies	
Patented Quantitative Passive VOC Soil-Gas Monitoring with the Waterloo Membrane	1.00
Sampler™	
Don't Inject Blind: Using 3D Statistical Modeling and Python to Create Targeted Injection	1.00
Plans	

# **Tulsa Geological Society**

PO Box 3568 Tulsa, OK 74101 **E**: <u>tulsageological@outlook.com</u>

https://www.tulsageology.org/

	<u>Courses</u>	<u>Credits</u>
QGIS for Geoscience Professionals		8.00

# **University of Texas at Arlington**

Division for Enterprise Development Box 19197 140 W. Mitchell Arlington, TX 76010 **P**: 866-906-9190

E: cedquestions@uta.edu

#### https://web-

ded.uta.edu/wconnect/ShowSchedule.awp1?~~GROUP~ETIALL

Courses	Credits
Introduction to Phase I & II Environmental Site Assessments	16.00
Chemistry for the Environmental Professional	20.00

#### **University Of Tulsa**

Continuing Education for Science and Engineering 800 South Tucker Drive Henneke Building Tulsa, OK 74104 **P**: 918-631-3088

E: cese@utulsa.edu

#### https://cese.utulsa.edu/

<u>Courses</u>	<u>Credits</u>
In-Situ Destruction of LNAPL Utilizing Successful Clay Injectability Application	1.50

# **University Of Wisconsin At Madison**

Engineering Professional Development P: 800-462-0876

432 North Lake St.

Madison, WI 53706

E: custserv@epd.wisc.edu

https://epd.wisc.edu/courses/

<u>Courses</u>	<u>Credits</u>
Soil Engineering for Non-Soils Engineers and Technicians	16.00

# **Vector Solutions**

Headquarters P: 813-207-0012 4890 W. Kennedy Blvd. or

Suite 300 513-401-9670

Tampa, FL 33609

https://www.vectorsolutions.com/

Courses	<u>Credits</u>
Explosive and Flammable Chemicals	1.00
EHS Regulatory Overview	1.00
Trenching and Excavation Safety	0.50
Trenching and Excavation Soil Properties	0.25
Bioremediation Tactics	0.50

0.50

0.50

2.00

**Total Credits** 

# **Workshops & Conferences**

\*\* 2022/2023 Approved CEUs from Workshops/Conferences. Consultant must submit proof of attendance for each class attended within the Workshop or Conference to OCC\*\*

Oklahoma Water Resources Board Regulatory Update

Oklahoma Corporation Commission Regulatory Update

4 N.E. 10th Street #443 **P**: 405-942-2334 Oklahoma City, OK 73104 E: efo@envirofdok.org

http://envirofdok.org/events/	
Conference / Workshop	
2022 Regulatory Newsreel – June 23, 2022	
Courses	<b>Credits</b>
DEQ 2022 Legislative Update	0.50
Oklahoma Corporation Commission 2022 Update	0.50
DEQ State Environmental Lab Services (SELS) Division – Regulatory Updates &	0.50
Highlights	
Total Credits	1.50
Conference / Workshop	
2023 Regulatory Newsreel – June 22, 2023	
Courses	<u>Credits</u>
2023 ODEQ Legislative Update	0.50
State Environmental Laboratory Services Lab Accreditation Program Updates	0.50

# **Enviro Workshops**

P.O. Box 1239 **P:** 800-704-1261 Davidson NC 28036

#### https://enviroworkshops.com/

Conference / Workshop		
Insitu Next Generation 2022		
Courses	Credits	
Brownfields – Safely Reusing Contaminated Properties	0.25	
Charting the Course to Site Characterization	0.625	
Strategic Utilization of HRSC Subsurface Imaging Technologies and 3D Modeling	0.625	
Cool-Ox® Insitu Chemical Oxidation & Reduction	0.625	
Installation and Design Considerations for Long-Screen Horizontal Injection Wells	0.625	
Enhancing the Microbial Ecosystem to Leverage Microbial Behavior, the New Dan in		
Organic Molecular Destruction?	0.625	
In Situ Remediation Using Trap and Treat® Technologies	0.625	
Total Credits	4.00	
Conference / Workshop		
Lunch-n-Learn - August 5, 2022		
Courses	Credits	
Enviroworkshop Deep Earth Lunch and Learn	1.00	

#### **Environmental Professionals of Iowa**

P.O. Box 65872 West Des Moines, IA 50265

#### http://www.epiowa.org/

<u>Conference / Workshop</u>	
Environmental Professionals of Iowa 2022 Jamboree	
Courses	Credits
Geophysics and Environmental Applications	0.75
The Pursuit of 100% Subsurface Damage Prevention	0.75
Contaminated Site Section Update	0.25
Advanced Characterization of Petroleum Site NAPLS with UVOST (LIF)	0.75
Phase I Update	0.75
Total Credits for attendance of ALL above courses	3.25

# **Focused Remediation Seminars**

Chicago, IL **P:** 815-650-2230

**F**: 815- 650-2232

http://focusedremediationseminars.com/

E: info@focusedremediationseminars.com

Focused Remediation Seminars offers virtual seminars once or twice a month in a combination of various courses over a three hour period. The courses below are approved for CEUs. Please provide the list of courses attended with the certificate when submitting for CEUs.

<u>Courses</u>	<u>Credits</u>
Overcoming ISCO Limitations with Ferric Iron Activated Persulfates	0.50
Provect-EBR: Quantum Advancement in ISCO Technology"	0.50
Vapor Intrusion Mitigation Barriers – Concept, Design & Installation	0.50
Carus: "From Purple to Green: A Transformative Remediation Approach"	0.50
Ivey International: "Sustainable Surfactant Enhanced Extraction (SEE) of NAPL, Globule and Sorbed Phase Contamination Within Soil and Groundwater Regimes"	0.50
Field Environmental Instruments (FEI): "Real-time Monitoring Applied to Residential Removal Actions: A Superfund Case Study"	0.50
Hartford Petroleum Release Site Case Study	0.50
Overcoming Shortcomings of Traditional VI Sampling Approaches vis Continuous Automated Monitoring and Response	0.50
Vapor Monitoring in Real-time: Applications	0.50
Surfactant Enhanced Extraction of Semi-Volatile and Volatile Contaminants Within Soil and Groundwater Regimes	0.50
Utilizing HRSC with Onsite Analytical Data to Better Define Co-Mingled Plumes	0.50
Ivey International: "Ivey-sol® Surfactant Enhanced Vapor, Sorbed, and NAPL Phase Remediation, With Hydro-Geo-Chemical Limiting Factors Explained	0.50
VaporSafe: "How to Rapidly Resolve Your Client's VI Issues Using High-Res Continuous Monitoring	0.50
Eagle Synergistic: "Strategic Utilization of HRSC Subsurface Imaging Technologies for Co-Mingled Plumes"	0.50
Gregg Drilling: "Remediation Design and Field Implementation"	0.50
SiREM: "Passive Sampling for Soil Gas and Vapor Intrusion Investigations"	0.50
SiREM: "Leveraging the Power of Molecular Genetic Testing to Understand and Optimize Microbial Processes at Contaminated Sites"	0.50

# **Focused Remediation Seminars (Continued)**

<u>Courses</u>	Credits
212 Environmental: "Hartford Petroleum Release Site with Completed Vapor Intrusion	0.50
Pathways"	0.50
Provectus Environmental: "Advanced Vapor Intrusion Mitigation: Using Antimethanogenic	0.50
Reagents to Prevent VI Concerns"	0.50
SiREM: "From the Lab to the Field – How Treatability Testing Supports Successful Field	0.50
Outcomes"	
Vapor Pins: "A Successful Vapor Intrusion Project Begins with a Carefully Conceived	0.50
Conceptual Site Model"	
SiREM: Optimizing Bioaugmentation Performance	0.50
Ivey-sol® Surfactant Enhanced Extraction (SEE) of VOC, Sorbed, and NAPL Phases	0.50
Exposing Factors Which Limit Their Remediation	
Recognizing Remedy/NAPL Interactions in LIF Data"	0.50
Resolving Cross-Contamination To ASTM Standards Using DECON-IT® Surface	0.50
Decontamination Product"	
How Are Nitrogen Compounds Attenuating at Your Site? Implications for Site Remediation	0.50
and Climate Change	0.50
Applications of Anaerobic Petroleum Hydrocarbon Bioremediation	0.50
From Purple to Green: A path to site closure	0.50
Increasing Remediation Efficiency by Combining Abiotic and Biotic Technologies	0.50
Understanding LNAPL and DNAPL Behavior to Enhance In-Situ Remediation	0.50
What your bugs are telling you: practical uses for next generation sequencing	0.50
Injection Design and Implementation for In-Situ bioremediation	0.50 0.50
Application of Real-Time Monitoring to Remedial Actions, Where Are We?	
Examples of Time and Money Saved with Cutting-Edge VI Assessment Approaches	0.50
Vapor Intrusion Mitigation: What You Need To Know!	0.50
Understanding VOC Behavior For Enhancing In-Situ Remediation	0.50
Patented Quantitative passive VOC soil-gas monitoring for vapor intrusion investigations	0.50
with the Waterloo Membrane Sampler  Field Data Salutions (FDS): "Book Time Vapor Datastics and Baseness"	0.50
Field Data Solutions (FDS): "Real-Time Vapor Detection and Response"  Vapor Pins: "One Foot, Two Foot, Three Foot, Blue Foot"	0.50
	0.50
Advances in Enhanced Anaerobic Bioremediation of Recalcitrant Chemicals	0.50
Assessing NAPL Heterogeneity  Injection Design and Implementation for In Situ Chemical Reduction	0.50
Injection Design and Implementation for In-Situ Chemical Reduction  Hydrogoglopomistry Made Easy For Enhancing Vapor, Soil and Groundwater Remediation	
Hydrogeochemistry Made Easy For Enhancing Vapor, Soil and Groundwater Remediation	0.50
Managing NAPL Heterogeneity	0.50

# **Groundwater Protection Council**

13308 N MacArthur Blvd Oklahoma City, OK 73142 **P**: 405-516-4972

# https://www.gwpc.org/event/gwpc-annual-forum/

Conference / Workshop	
2023 Annual Forum- September 12-14, 2023	
Courses	<b>Credits</b>
Preliminary Data From The U.S. EPA Mar Site In The Arbuckle-Simpson Aquifer In	
Oklahoma	0.50
The USGS National Groundwater Monitoring Network and The USGS Climate	
Response Network	0.50

# **Kansas Department of Health and Environment**

1000 SW Jackson Suite 400 Topeka, KS 66612 **P**: 785-291-3092

**Total Credits for attendance** 

9.00

(Some courses were offered concurrently)

https://www.kdhe.ks.gov/895/Kansas-Environmental-Conference	
Conference / Workshop	
2023 Environmental Conference – August 9-10, 2023	
Courses	Credits
Hydraulic Emplacement of Zero-Valent Iron Coupled with In-Situ Bioremediation	
for VOC Treatment in a Low-Permeability Aquifer	1.50
Missouri Waste Control Coalition	
B. 0.10.004.4450	
P.O. Box 7055 P: 913-381-4458	
Kansas City, MO 64113 E: admin@mowastecoal	<u>ition.org</u>
http://www.mowastecoalition.org/	
<u>Conference / Workshop</u> 2022 Environmental Conference – July 11-12, 2022	
·	Cuadit
<u>Courses</u>	<u>Credit</u>
Case Study: Characterization of a Gasoline Release to Bedrock in Kansas City, MO	<u>s</u> 0.75
In-Place UST Closure vs UST Removal: Pro's and Con's	0.75
Application of an In-Well Remediation System in Southern Missouri Drinking Water Aquifer	1.50
Plume Stability Issues	0.75
Total Credits for attendance of ALL above courses	3.75
Conference / Workshop	Credits
Conference / Workshop Vapor Intrusion Mitigation Training Program	
Conference / Workshop  Vapor Intrusion Mitigation Training Program  Conference / Workshop	Credits
Conference / Workshop  Vapor Intrusion Mitigation Training Program  Conference / Workshop  2023 Environmental Conference – July 10-11, 2023	6.00
Conference / Workshop  Vapor Intrusion Mitigation Training Program  Conference / Workshop	6.00 Credit
Conference / Workshop  Vapor Intrusion Mitigation Training Program  Conference / Workshop  2023 Environmental Conference – July 10-11, 2023  Courses	6.00  Credit s
Conference / Workshop  Vapor Intrusion Mitigation Training Program  Conference / Workshop  2023 Environmental Conference – July 10-11, 2023  Courses  Using LNAPL Transmissivity to Make Remedial Decisions	Credits 6.00  Credit s 1.50
Conference / Workshop  Vapor Intrusion Mitigation Training Program  Conference / Workshop  2023 Environmental Conference – July 10-11, 2023  Courses  Using LNAPL Transmissivity to Make Remedial Decisions  Vapor Intrusion Investigation: When Excavation is the Solution	Credits 6.00  Credit s 1.50 0.75
Conference / Workshop  Vapor Intrusion Mitigation Training Program  Conference / Workshop  2023 Environmental Conference – July 10-11, 2023  Courses  Using LNAPL Transmissivity to Make Remedial Decisions  Vapor Intrusion Investigation: When Excavation is the Solution  Vapor Intrusion Investigation: The Rest of the Story	Credits 6.00  Credit s 1.50
Conference / Workshop  Vapor Intrusion Mitigation Training Program  Conference / Workshop  2023 Environmental Conference – July 10-11, 2023  Courses  Using LNAPL Transmissivity to Make Remedial Decisions  Vapor Intrusion Investigation: When Excavation is the Solution  Vapor Intrusion Investigation: The Rest of the Story  ITRC: Effective Application of Guidance Documents	Credits 6.00 Credit s 1.50 0.75 0.75
Conference / Workshop  Vapor Intrusion Mitigation Training Program  Conference / Workshop  2023 Environmental Conference – July 10-11, 2023  Courses  Using LNAPL Transmissivity to Make Remedial Decisions  Vapor Intrusion Investigation: When Excavation is the Solution  Vapor Intrusion Investigation: The Rest of the Story  ITRC: Effective Application of Guidance Documents to Hydrocarbon Sites - Scenario 1 (Gasoline)	Credits 6.00  Credit s 1.50 0.75
Vapor Intrusion Mitigation Training Program  Conference / Workshop  2023 Environmental Conference – July 10-11, 2023  Courses  Using LNAPL Transmissivity to Make Remedial Decisions  Vapor Intrusion Investigation: When Excavation is the Solution  Vapor Intrusion Investigation: The Rest of the Story  ITRC: Effective Application of Guidance Documents to Hydrocarbon Sites - Scenario 1 (Gasoline)  ITRC: Effective Application of Guidance Documents	Credits 6.00  Credit s 1.50 0.75 0.75
Conference / Workshop  Vapor Intrusion Mitigation Training Program  Conference / Workshop  2023 Environmental Conference – July 10-11, 2023  Courses  Using LNAPL Transmissivity to Make Remedial Decisions  Vapor Intrusion Investigation: When Excavation is the Solution  Vapor Intrusion Investigation: The Rest of the Story  ITRC: Effective Application of Guidance Documents to Hydrocarbon Sites - Scenario 1 (Gasoline)  ITRC: Effective Application of Guidance Documents to Hydrocarbon Sites - Scenario 2 (Gasoline)	Credits 6.00 Credit s 1.50 0.75 0.75
Vapor Intrusion Mitigation Training Program  Conference / Workshop  2023 Environmental Conference – July 10-11, 2023  Courses  Using LNAPL Transmissivity to Make Remedial Decisions  Vapor Intrusion Investigation: When Excavation is the Solution  Vapor Intrusion Investigation: The Rest of the Story  ITRC: Effective Application of Guidance Documents to Hydrocarbon Sites - Scenario 1 (Gasoline)  ITRC: Effective Application of Guidance Documents to Hydrocarbon Sites - Scenario 2 (Gasoline)  ITRC: Effective Application of Guidance Documents	Credits 6.00  Credit s 1.50 0.75 0.75 1.50 1.50
Conference / Workshop  Vapor Intrusion Mitigation Training Program  Conference / Workshop  2023 Environmental Conference – July 10-11, 2023  Courses  Using LNAPL Transmissivity to Make Remedial Decisions  Vapor Intrusion Investigation: When Excavation is the Solution  Vapor Intrusion Investigation: The Rest of the Story  ITRC: Effective Application of Guidance Documents to Hydrocarbon Sites - Scenario 1 (Gasoline)  ITRC: Effective Application of Guidance Documents to Hydrocarbon Sites - Scenario 2 (Gasoline)  ITRC: Effective Application of Guidance Documents to Hydrocarbon Sites - Scenario 1 (Diesel)	Credits 6.00  Credit s 1.50 0.75 0.75
Conference / Workshop  Vapor Intrusion Mitigation Training Program  Conference / Workshop  2023 Environmental Conference – July 10-11, 2023  Courses  Using LNAPL Transmissivity to Make Remedial Decisions  Vapor Intrusion Investigation: When Excavation is the Solution  Vapor Intrusion Investigation: The Rest of the Story  ITRC: Effective Application of Guidance Documents to Hydrocarbon Sites - Scenario 1 (Gasoline)  ITRC: Effective Application of Guidance Documents to Hydrocarbon Sites - Scenario 2 (Gasoline)  ITRC: Effective Application of Guidance Documents to Hydrocarbon Sites - Scenario 1 (Diesel)  ITRC: Effective Application of Guidance Documents	Credits 6.00  Credit s 1.50 0.75 0.75 1.50 1.50 1.50
Vapor Intrusion Mitigation Training Program  Conference / Workshop  2023 Environmental Conference – July 10-11, 2023  Courses  Using LNAPL Transmissivity to Make Remedial Decisions  Vapor Intrusion Investigation: When Excavation is the Solution  Vapor Intrusion Investigation: The Rest of the Story  ITRC: Effective Application of Guidance Documents to Hydrocarbon Sites - Scenario 1 (Gasoline)  ITRC: Effective Application of Guidance Documents to Hydrocarbon Sites - Scenario 2 (Gasoline)  ITRC: Effective Application of Guidance Documents to Hydrocarbon Sites - Scenario 1 (Diesel)  ITRC: Effective Application of Guidance Documents to Hydrocarbon Sites - Scenario 2 (Diesel)	Credits 6.00  Credit s 1.50 0.75 0.75 1.50 1.50
Vapor Intrusion Mitigation Training Program  Conference / Workshop  2023 Environmental Conference – July 10-11, 2023  Courses  Using LNAPL Transmissivity to Make Remedial Decisions  Vapor Intrusion Investigation: When Excavation is the Solution  Vapor Intrusion Investigation: The Rest of the Story  ITRC: Effective Application of Guidance Documents to Hydrocarbon Sites - Scenario 1 (Gasoline)  ITRC: Effective Application of Guidance Documents to Hydrocarbon Sites - Scenario 2 (Gasoline)  ITRC: Effective Application of Guidance Documents to Hydrocarbon Sites - Scenario 1 (Diesel)  ITRC: Effective Application of Guidance Documents to Hydrocarbon Sites - Scenario 2 (Diesel)  Treating and Pretreating Hard to Access Hydrocarbon Contamination in Underground	Credits 6.00  Credit s 1.50 0.75 0.75 1.50 1.50 1.50 1.50
Vapor Intrusion Mitigation Training Program  Conference / Workshop  2023 Environmental Conference – July 10-11, 2023  Courses  Using LNAPL Transmissivity to Make Remedial Decisions Vapor Intrusion Investigation: When Excavation is the Solution Vapor Intrusion Investigation: The Rest of the Story ITRC: Effective Application of Guidance Documents to Hydrocarbon Sites - Scenario 1 (Gasoline) ITRC: Effective Application of Guidance Documents to Hydrocarbon Sites - Scenario 2 (Gasoline) ITRC: Effective Application of Guidance Documents to Hydrocarbon Sites - Scenario 1 (Diesel) ITRC: Effective Application of Guidance Documents to Hydrocarbon Sites - Scenario 1 (Diesel) ITRC: Effective Application of Guidance Documents to Hydrocarbon Sites - Scenario 2 (Diesel) Treating and Pretreating Hard to Access Hydrocarbon Contamination in Underground Storage Tank Basins and Utility Corridors with Colloidal Activated Carbon	Credits 6.00  Credit s 1.50 0.75 0.75 1.50 1.50 1.50
Vapor Intrusion Mitigation Training Program  Conference / Workshop  2023 Environmental Conference – July 10-11, 2023  Courses  Using LNAPL Transmissivity to Make Remedial Decisions  Vapor Intrusion Investigation: When Excavation is the Solution  Vapor Intrusion Investigation: The Rest of the Story  ITRC: Effective Application of Guidance Documents to Hydrocarbon Sites - Scenario 1 (Gasoline)  ITRC: Effective Application of Guidance Documents to Hydrocarbon Sites - Scenario 2 (Gasoline)  ITRC: Effective Application of Guidance Documents to Hydrocarbon Sites - Scenario 1 (Diesel)  ITRC: Effective Application of Guidance Documents to Hydrocarbon Sites - Scenario 2 (Diesel)  Treating and Pretreating Hard to Access Hydrocarbon Contamination in Underground Storage Tank Basins and Utility Corridors with Colloidal Activated Carbon  Developing Comprehensive 3D Conceptual Site Models:	Credits 6.00  Credit s 1.50 0.75 0.75 1.50 1.50 1.50 1.50
Vapor Intrusion Mitigation Training Program  Conference / Workshop  2023 Environmental Conference – July 10-11, 2023  Courses  Using LNAPL Transmissivity to Make Remedial Decisions Vapor Intrusion Investigation: When Excavation is the Solution Vapor Intrusion Investigation: The Rest of the Story ITRC: Effective Application of Guidance Documents to Hydrocarbon Sites - Scenario 1 (Gasoline) ITRC: Effective Application of Guidance Documents to Hydrocarbon Sites - Scenario 2 (Gasoline) ITRC: Effective Application of Guidance Documents to Hydrocarbon Sites - Scenario 1 (Diesel) ITRC: Effective Application of Guidance Documents to Hydrocarbon Sites - Scenario 1 (Diesel) ITRC: Effective Application of Guidance Documents to Hydrocarbon Sites - Scenario 2 (Diesel) Treating and Pretreating Hard to Access Hydrocarbon Contamination in Underground Storage Tank Basins and Utility Corridors with Colloidal Activated Carbon	Credits 6.00  Credit s 1.50 0.75 1.50 1.50 1.50 1.50

# National Brownfields Training Conference

E: esparks@id	cma.org
https://brownfields2022.org/2022-educational-programs/	
Conference / Workshop	
2022 Conference in Oklahoma City, OK – August 16-19, 2022	
Courses	<u>Credits</u>
Evaluating Remedy Sustainability Using SURE by Ramboll Toolbox for Contaminated	0.25
Land Management	
Embracing Nature to Energize the Future – Innovative Approaches to Brownfield	1.00
Revitalization	
Creating the Perfect Storm for Brownfield Redevelopment	1.00
RACER Trust: A Decade of Transformation, and A Model for Cleanup and Productive	1.00
Reuse of Underutilized Properties	
Applying a Conceptual Systems Model for Sustainable and Resilient Brownfield	0.25
Redevelopment	
Key Issues in Brownfields Redevelopment: A Local-State-Federal Intergovernmental	1.50
Discussion	
Improving Your Risk Communication Skills: How to Address Community Concerns About	1.00
Risk and Safety at Brownfields Sites	
What the Coming Wave of Electric Vehicles Means for the Future of Gas Stations	0.25
Traits of a Good Revitalization	0.25
Environmental Benefits of Brownfields Redevelopment – A Nationwide Assessment	1.00
Boomerang Properties: Emerging Contaminants and Other Things That Will Keep You	1.00
Awake at Night	
Hot Topics for Remediation and Revitalization	0.50
This Land is Your Land, This Land is My Land: Brownfields Revitalization in the Rural	1.00
Community of Okemah, OK	
Albany Museum of Art Non-Profit Cleanup Challenges	0.25
Dive into ACRES: Insights from 25 Years of Reporting Data	0.25
UST's: Small Town Success Stories	0.25
You Entered it – Now Use It! Utilizing ACRES Data to Promote Your Program & Highlight	1.00
Your Success	

# **National Ground Water Association**

601 Dempsey Rd. Westerville, OH 43081

or 614-898-7791

**P**: 800-551-7379

https://www.ngwa.org/events-and-education/ngwa-approvedcontinuing-education

**F**: (614) 898-7786 **E**: customerservice@ngwa.org

or

https://www.ngwa.org/events-and-education/ngwa's-event-calendar

Conference	/ Workshop
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NGWA's Groundwater Week – December 6-7, 2022	
Courses	<b>Credits</b>
Groundwater Remediation	1.00
Groundwater Remediation II	0.33
Groundwater Remediation III	0.67
Groundwater Monitoring	1.00
Geology Best Practices: Conceptual Site Model Development for Site Characterization and remediation	1.00
Total Credits for attendance of ALL above courses	4.00

# Total Credits for attendance of ALL above courses

|--|

NGWA's Groundwater Week – December 5-7, 2023	
Courses	<u>Credits</u>
Groundwater Remediation III	1.00
Engineering Hydrogeology	1.00
Groundwater Monitoring	1.30
Groundwater Data Management	1.60
Grouting and Well Abandonment Methods and Materials	1.00
What Geophysical Method and Why? The Right Tool for the Right Answer: Applied	1.00
Geophysics for Groundwater Projects	
Decentralized Systems and Managed Aquifer Recharge (MAR)	1.00
Darcy Distinguished Lecture and Science & Engineering Membership Meeting	1.00
Sonic Drilling - The Future Is Now	1.00
Grouting and Well Abandonment-Methods and Materials	1.00

# **New England Interstate Water Pollution Control Commission**

Wannalancit Mills	<b>P:</b> 978-323-7929
650 Suffolk Street, Suite 410	<b>F:</b> 978-323-7919
Lowell, MA 01854	E:
https://neiwpcc.org/	mail@neiwpcc.org

<u>Conference / Workshop</u>	
National Tanks Conference & Expo (NTC) September 12-15, 2022	
<u>Courses</u>	<u>Credits</u>
ITRC Hydrocaron Guides	4.00
UST Finder & EJ Screen	2.00
Site Assessment I: Bedrock Sites	1.50
Site Assessment II: High Resolution Site Characterization	1.50
Treatment Trains – When One Remedy Isn't Enough	1.50
Natural Source Zone Depletion	1.50
Low Threat Closure: Three State Experiences	1.50
Poducing LUST Backlog	1.50

Reducing LUST Backlog	1.50
Activated-Carbon Injection: Lessons, Practices, and Results	1.50
Taking the Mystery Out of Closing LUST Remediation Projects	1.50
Post-Closure	1.50
Environmental Justice and Climate Change: Framing Underground Storage Tank Issues	1.50
in a Social and Environmental Justice Context	

# Oklahoma Groundwater Association

P.O. Box 14875	<b>P</b> : 405-258-8747
Oklahoma City, OK 73113	E: josh@okgroundwater.org
https://www.okgroundwater.org/	
Conference / Workshop	
2022 OGWA Conference and Trade Show – January 5-6, 2022	
<u>Courses</u>	<u>Credits</u>
Oklahoma Rule and Regulations	1.00
ODEQ Groundwater Cleanup Programs Update	1.00
Field Demo: Direct Push Technology Provides Multi-Application Uses I	n Soil And
Ground Water Collection	
GPR and EM Geophysics Demo	1.00
New Perspectives on Horizontal Wells for Assessment and Remediation	
Core Workshop	4.00
Natural Source Zone Depletion: A New Tool Shaping Petroleum Remed	
Using Nuclear Magnetic Resonance to Characterize the Organic Comp	position of 1.00
Produced Water Samples	
Electrical Hydrogeology	1.00
Seismic Channels Using Surface Streamers	1.00
Conference / Workshop	
2023 OGWA Conference and Trade Show – January 4-5, 2023	
Courses	<u>Credits</u>
Core Workshop	4.00
Training Future Groundwater Professionals	1.00
The 5 Step Process to Building an Effective Drilling Fluid	1.00
Oklahoma Rule and Regulations	1.00
Air Drilling Best Practices	1.00
How Well-Completion Data are Used for Aquifer Extents	1.00
Characterizing Oklahoma Aquifer Properties Using Base Flow in Stream	
Determining Aquifer Properties Using Slug Tests	0.50
Remedial Design Characterization Lessons for Hydrocarbon Sites	1.00
New Molecular Tools for Groundwater Assessment in 2023	1.00
Remediation of Multiple Metals by Oklahoma Microbes	1.00
Expedited Petroleum Hydrocarbon Destruction	1.00
Water Rights / Intent To-Drill Process	1.00
Texas Commission On Environmental Quality	
Texas Commission on Environmental Quality	
TCEQ	<b>P</b> : 512-239-1000
P.O. Box 13087	E: info@tceq.texas.gov
Austin, TX 78711-3087	
https://www.tceq.texas.gov/p2/events	
Conference / Workshop	
2022 TCEO Environmental Trade Fair & Conference - May 10-11, 202	2

2022 TCEQ Environmental Trade Fair & Conference – May 10-11, 2022	
<u>Courses</u>	<u>Credits</u>
Petroleum Storage Tank (PST) Release Determination Requirements for Suspected Releases	0.50
Process for Reviewing Analytical Data and Preparing Data Review Summaries in the PST	0.50
Calculating Representative Concentrations under the Texas Risk Reduction Program (TRRP)	1.00

\*\*Below is a list of workshops and conferences offered by approved educational providers. As topics covered change yearly, credits depend on the courses/classes attended. Consultant must submit proof of attendance to the OCC for approval and number of credits based on course/class topics. \*\*

#### **Association of Environmental Health and Sciences Foundation**

Conference / Workshop

Annual International Conference on Soil, Water, Energy, and Air

Annual International Conference on Soils, Sediments, Water, and Energy

#### **Enviro Workshops**

P.O. Box 1239 P: 800-704-1261 Davidson NC 28036

https://enviroworkshops.com/

TILLPS.//ETIVITOWOTKSHOPS.COTT/	
	Conference / Workshop
Remediation Workshop	
Vapor Intrusion Workshop	
Enviro Summit	

**Environmental Federation of Oklahoma** 

4 N.E. 10th Street #443

Oklahoma City, OK 73104

P: 405-942-2334

E: efo@envirofdok.org

http://envirofdok.org/events/

	Conference / Workshop
EFO Air Technical Seminar	
EFO Regulatory Newsreel	
Annual Meeting & Trade Show	

#### **Focused Remediation Seminars**

Chicago, IL

P: 815-650-2230

F: 815- 650-2232

http://focusedremediationseminars.com/

E: info@focusedremediationseminars.com

<u>Conference / Workshop</u>	
Annual Seminar	
Focused Remediation Virtual Seminars	

**P**: 800-833-7958

#### Geotech Field Day Schedule

Geotech Environmental Equipment, Inc.

2650 East 40th Avenue Denver, CO 80205

http://www.geotechenv.com/geotech\_field\_days.html

**Conference / Workshop** 

Geotech Annual Field Days

#### Institute for Tribal Environmental Professionals (ITEP)

PO Box 15004 **P**: 928-523-9555 Flagstaff, AZ 86011-5004 **F**: 928-523-1266 http://www7.nau.edu/itep/main/Conferences/confr\_tlef E: itep@nau.edu

**Conference / Workshop** 

Tribal Lands & Environment Forum (TLEF)

#### Missouri Waste Control Coalition

P.O. Box 7055 **P:** 913-381-4458

Kansas City, MO 64113 E: admin@mowastecoalition.org

http://www.mowastecoalition.org/

**Environmental Conference** 

#### **National Ground Water Association**

601 Dempsey Rd. **P**: 800-551-7379

Westerville, OH 43081 or 614-898-7791

**F**: (614) 898-7786 https://www.ngwa.org/events-and-education/ngwa-approved-E: customerservice@ngwa.org

continuing-education

https://www.ngwa.org/events-and-education/ngwa's-event-calendar

Conference / Workshop

NGWA's Groundwater Week

California Groundwater Association Annual Convention and Trade Show

California Groundwater Association Education Training Session

Illinois Association of Groundwater Professionals Continuing Education Series

Illinois Association of Groundwater Professionals Annual Meeting & Expo

Illinois Association of Groundwater Professionals Convention & Trade Show

NGWA Workshop on Groundwater in the Northwest (#5043)

NGWA's Groundwater and Oil and Gas Development: Improved Management Practices for

Groundwater Protection and Water Supply

NGWA Forum on Managing Groundwater and Surface Water as a Single Resource: Merging

Science and Policies

NGWA's Groundwater Solutions: Innovation to Address Emerging Issues for Groundwater

Resources Conference

NGWA Conference on Fractured Rock and Groundwater

Minnesota Water Well Association Convention & Trade Show

## **National Ground Water Association (Continued)**

# Conference / Workshop Annual Montana Water Well Drillers Association Convention & Trade Show Michigan Ground Water Association Annual Education Conference and Fundamentals Training Ohio Water Well Association Annual Convention and Working Tradeshow NGWA Groundwater Summit

#### New England Interstate Water Pollution Control Commission

Wannalancit Mills	<b>P</b> : 978-323-7929
650 Suffolk Street, Suite 410	<b>F:</b> 978-323-7919
Lowell, MA 01854	E:
https://neiwpcc.org/	mail@neiwpcc.or
<del></del>	<u>a</u>
Conference / Workshop	
National Tanks Conference & Expo (NTC)	

#### Oklahoma Excavation Safety Expo

6908 N. Robinson Ave.	<b>P</b> : 800-522-6544
OKC, OK 73116	or
	405-840-9955
https://okexcavationsafety.com/	E: education@okie811.org
Conference /	Workshop
The Oklahoma Excavation Safety EXPO	

#### **Oklahoma Groundwater Association**

P.O. Box 14875	<b>P:</b> 405-258-8747
Oklahoma City, OK 73113	E: josh@okgroundwater.org
https://www.okgroundwater.org/	
Conference / Workshop	
OGWA Conference & Trade Show	

# **Texas Commission On Environmental Quality**

TCEQ	<b>P</b> : 512-239-1000
P.O. Box 13087	E: info@tceq.texas.gov
Δustin TX 78711-3087	

https://www.tceq.texas.gov/p2/events		
Conference / Workshop		
Environmental Trade Fair & Conference Emergency Response		
Environmental Trade Fair & Conference Interaction with the Voluntary Cleanup Program		
Environmental Trade Fair & Conference Overview of the Requirements for Drinking Water Surveys and Groundwater		
Environmental Trade Fair & Conference Petroleum Storage Tank Projects		
Environmental Trade Fair & Conference Petroleum Storage Tank Rule		