



PROFESSIONAL DEVELOPMENT GUIDELINES FOR U.S. EPA ON-SCENE COORDINATORS

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1. Introduction

This document, which is a work product of the National On-Scene Coordinator (OSC) Work Group (NOW), and has been thoroughly reviewed by the Removal Managers, clearly establishes all required training in order to prepare personnel to successfully perform the OSC job duties and identifies recommended continuing education. OSCs are expected to exercise their professional judgment and consult with their management, mentors, and others in determining their specific training needs. This document will be reviewed by the NOW on an annual basis and updated, as needed. Revisions will be tracked in Appendix B of this document.

2. Overview of Professional Development Guidelines

This document describes the training required by regulations and Agency policies that apply to EPA OSCs, as well as training that is recommended by experienced OSCs, industry best practices, and workforce development efforts. The required and recommended training lists for OSCs do not include the additional required general Agency training in topics such as computer security, ethics, security clearance, confidential business information, and many others. This document also does not address Region-specific required training.

3. Definitions*

Required training is defined by statute, regulation, order, directive, or policy. There is some flexibility permitted in the delivery of these required courses. Training that is required may be task dependent and very specialized but may not always be applicable or relevant to all individuals with an OSC position description.

Recommended training is not mandated by regulation, but is intended to enhance the knowledge, skills, and abilities of OSCs' effective job performance. Examples include innovative treatment technologies, crisis communications, and incident- and chemical-specific training.

*Recommended training is budget dependent while required training is not discretionary.

4. Required Training

OSCs must complete required courses as soon as possible after being hired as an OSC. Examples include health and safety training, which is required prior to conducting site work (e.g., 40-Hour OSHA training), and contracts training (e.g. Warrant and COR/COTR training). Other training requirements apply only to OSCs working under specific conditions. For example, Spill Prevention, Control, and Countermeasures (SPCC)/Facility Response Plan (FRP) Inspector Training would only be required for OSCs who conduct SPCC/FRP inspections.

4.1 Health and Safety Training

All EPA OSCs must meet the health, safety, and environmental training requirements specified in EPA Order 1440.2 and in Regional-specific programs. In addition, Occupational Safety and Health Administration (OSHA) regulations (29 CFR 1910.120 (e)(3)-(9)) require training for employees and supervisors working at clean-up operations conducted under the Superfund or RCRA corrective action programs, voluntary cleanup operations, operations involving hazardous waste at RCRA treatment,

storage and disposal facilities, and emergency response operations for releases of hazardous substances. Training must be provided at the time of the employee's initial assignment and prior to assignments involving potential exposure to hazardous substances. OSHA and EPA requirements are similar, and some training will meet both sets of requirements, but they are separate. More in-depth information can be found in the Emergency Responders Health and Safety Manual. The purpose of the Emergency Responder Health and Safety Manual is to provide for consistent health and safety standards among EPA emergency response personnel. Table 1 in Appendix A details required Health and Safety Training. The manual can be viewed at https://response.epa.gov/_HealthSafetyManual/index.htm.

4.2 Contracts Training

4.2.1 Warrant Training

Warrant authority provides limited contracting authority to OSCs and authorizes them to financially obligate the government for the procurement of essential goods and services in support of a federal response. OSCs usually exercise this authority with the Emergency and Rapid Response Services (ERRS) or Superfund Technical Assessment and Response Team (START) contractors, although it may also be used with other procurement tools such as a Notice to Proceed. An OSC must have a one-time warrant training class to receive a warrant. The *OSC Warrant Officer Training* course is provided by EPA's Office of Superfund Remediation and Technology Innovation (OSRTI). Prior to attending the class, the OSC must complete Contracting Officer Representative (COR) training and receive Level II COR certification, as described in Section 4.2.2 of this document.

The actual warrant certificate will not be issued until the Regional Removal Manager submits the OSC warrant request package to the Director of the Headquarters Acquisition Division (HQAD) in the Office of Acquisition Solutions (OAS). The warrant package is reviewed to determine if the OSC possesses the requisite training, relevant COR experience, certifications, and sufficient on-site experience to determine appropriate implementation and prudent execution of their warrant authority. Once this is determined, HQAD issues the Certificate of Appointment to the OSC.

OSCs should complete the *OSC Warrant Officer Training* course as soon as possible after receiving Level II COR certification.

4.2.2 Contracting Officer Representative Certification

Prior to taking the *OSC Warrant Officer Training* course, new OSCs are required to obtain certification as Level II ordering officers. Initial Level II certification requires a minimum of 54 hours of prescribed acquisition training and one-year of acquisition-related experience within the last four years. To view the most current certification requirements, please visit <https://work.epa.gov/fac-programs/fac-cor-level-ii-certification>

Warranted OSCs are considered Level II ordering officers under the Environmental Protection Agency Acquisition Guide (EPAAG), Subsection 1.6.5 – Contracting Officer's Representatives Three-Tiered Program (March 2015). The EPAAG can be downloaded at <https://contracts.epa.gov/EPAAG>. In addition to being Level II ordering officers, OSCs can also be designated to serve as CORs under the Agency's primary emergency response contracts (START and ERRS). Subsection 1.6.5 of the EPAAG identifies EPA's COR three-tiered program requirements as set forth in Office of Federal Procurement

Policy (OFPP) Memorandum, “Revisions to the Federal Acquisition Certification for Contracting Officer’s Representatives (FAC-COR),” dated September 6, 2011.

4.2.3 Requirements to Maintain Certification

To maintain certification, Level II CORs must earn a minimum of 40 Continuous Learning Points (CLPs) every two years after receiving initial FAC-COR certification. The 40 CLPs must be a combination of 20 hours of acquisition-specific training and 20 hours of acquisition-related training. CLP training may include online training, classroom training, in-house training (e.g., staff meetings and conferences), and on-the-job assignments at the discretion of the supervisor. Other relevant training may also be counted towards the 40-hour requirement including ethics training, purchase card refresher training, CBI training, etc. Refer to EPA Guidance on Meeting the Requirements for Continuous Learning Points (January 2016) for a detailed description of what training and activities count toward the acquisition-specific and acquisition-related CLP requirements. The guidance can be downloaded at <https://work.epa.gov/fac-programs/clp-guidance>.

4.2.4 Documentation of CLPs

OSCs are required to track CLPs and apply for recertification. Detailed information and user guides related to tracking CLPs can be found at <https://work.epa.gov/fac-programs/continuous-learning-cl-guidance>.

4.2.5 Purchase Cards

If an OSC will be issued a government purchase card, the OSC must complete the online GSA SmartPay Purchase Card training, which can be accessed via FedTalent. Refresher training is required to be taken every two years. The same GSA SmartPay Purchase Card training is taken for initial and refresher training. Additional information can be found at <https://purchasecard.epa.gov/>.

4.3 OSC Position-Specific Required Training

In response to the clarifications of EPA Order 3500.1, EPA Office of Environmental Management (OEM) issued a memo with this document, “Transmittal of *Professional Development Guidelines for U.S. EPA On-Scene Coordinators*, including Required Training for Bifold ID Cards.” This memo outlines required training to obtain an OSC bifold identification card. OEM will develop an implementation plan for issuance and tracking of OSC bifold identification cards. Required training includes:

- Superfund 101 (includes Fundamentals of Superfund and Enforcement Process Overview courses)
- Removal Process
- Basic Inspector Training
- Oil Pollution Act (OPA) 101
- Oil Response Training (Fast & Slow Booming Course) and/or Field Work (see below)
- Initial Level II Contract Officer Representative (COR) certification
- Warrant Training

- Incident Command System (ICS) 100 & 200 and Independent Study (IS) 700 & 800
- ICS 300 & 400 and position-specific training, if serving in a KLP role on the regional Incident Management Team (IMT)

Superfund 101, Removal Process, and Basic Inspector Training are regularly offered courses with registration details listed in Table 2 of Appendix A. While OPA 101 and Oil Spill Response Training including the Fast and Slow Water Booming Courses are expected to be regularly offered in the future, substitutes are approved to meet the training requirements of these courses.

Some elements of OPA 101, may be met through oil-focused sessions offered at OSC Readiness such as:

- 1: Basics of Oil Spills
- 2: Knowing and Using the National Contingency Plan with a Focus on Oil
- 3: Accessing the Oil Spill Liability Trust Fund
- 4: Oil Chemistry
- 5: Advanced Oil Response Tactics: The Fast and the Cold
- 6: Oil Response Case Studies
- 7: Shoreline Cleanup and Assessment Technique (SCAT) overview
- 8: SPCC/FRP refresher

For Oil Spill Response Training, the OSC's first-line and second-line supervisors can determine whether an appropriate amount of field experience has been achieved by the OSC. This field experience can either be in addition to, or substituted for, the Fast & Slow Water Booming Course.

The Department of Transportation (DOT) regulations on hazardous materials transportation require training for hazmat employees (49 CFR 172.704). The regulations specify that certain topics and functions be included in the training, but do not specify the duration of the initial training. This is sometimes referred to as a “DOT HM-181” course, although the “HM-xx” nomenclature refers to DOT rulemaking dockets, not specific regulations. The regulations also require refresher training every three years, but the duration of the refresher is not specified.

4.4 3500.1 Credentials Training Section for OSCs who Conduct Inspections

On December 15, 2021, EPA Office of Enforcement and Compliance Assistance (OECA) issued a memo to OEM entitled, “Clarifying EPA Order 3500.1 CERCLA Inspectors/Field Investigators Training Requirements for On-Scene Coordinators (OSCs).” This memo resolves issues with regards to the OSC-A and OSC-B terms that were previously designated. The terms OSC-A and OSC-B will no longer be used, and designations will simply be OSC and OSC/Inspector. OSCs who solely perform Comprehensive Environmental Response, Compensation, Liability Act (CERCLA) on-scene coordination activities/field investigations (previously designated as OSC-A) are no longer subject the requirements of EPA Order 3500.1.

OSCs who are designated as OSC/Inspector and who will conduct Spill Prevention Control and Countermeasures (SPCC) and/or Facility Response Plan (FRP) inspections are required to complete the Program Specific Training requirements for Clean Water Act (CWA)/Oil Pollution Act (OPA) SPCC and/or FRP for Oil Program Facility Inspectors (OPFIs).

The Credentialing Process for Inspectors

If you conduct compliance inspections in a program area (e.g., CWA), you must complete and document that you meet all mandatory requirements for new program inspectors in the relevant program template section titled, “Requirements for New Program Inspectors.” **If your credentials have lapsed for more than one year, you must send a notification to inspector-training@epa.gov. You will be instructed on how to retake and re-document training.** Additional information is available on the EPA Inspector Wiki page at https://inspector.epa.gov/inspector/index.php/Wiki_Home.

Once you have completed both the Occupational Health and Safety Curriculum and the Basic Inspector Training, you must obtain a non-renewable 90-day Letter of Authorization or “Inspector-In-Training” credential to participate in on-site inspections, including on-the-job training, in the company of a Lead Compliance Inspector/Field Investigator.

Records of your training, including completed training certification forms and individual training certificates, must be maintained in FedTalent in accordance with EPA Order 3500.1, EPA Order 3510, relevant inspector guidance, and training documentation standard operating procedures.

Inspector training requirements are updated annually. If program training requirements are augmented with new requirements before an inspector completes them, the inspector must complete the new training. Inspector program-specific curricula are available on FedTalent.

A supervisor may, at any time, require additional training, as necessary.

4.5 Incident Command System Training

Homeland Security Presidential Directive-5 (HSPD-5) requires all response organizations to adopt the National Incident Management System (NIMS) and the Incident Command System (ICS). The EPA National Approach to Response (NAR), embodied in [Order 2071](#), October 2016, states that EPA will adopt the NIMS and utilize the ICS as a response management tool. [EPA Order 2073](#), August 2019, establishes the training, qualification, and certification requirements for EPA’s Key Leadership Positions (KLPs) in support of the NAR. All OSCs must, at a minimum, complete up to ICS 400 and KLP-specific training if they are members of their respective Region’s Incident Management Team (IMT) and serving in a KLP role.

4.6 Quality Management Program Training

The EPA has a mandatory Agency-wide Quality System that was established by Administrator Douglas Costle in 1978. In 1984, EPA Order 5360.1 was issued and subsequently expanded in follow-on modifications and internal EPA Directives. The current documents are gathered on the Agency-wide Quality System Documents website: <https://www.epa.gov/quality/agency-wide-quality-system-documents>.

Under Delegation of Authority-I-41, “Mandatory Quality Assurance Program,” the Office of Environmental Information (OEI) is the focal point in the Agency for Quality System policy. OEI is responsible for developing quality assurance (QA) and quality control (QC) requirements and for overseeing implementation of the Agency-wide Quality System. Under the realignment, OEI is part of

the Mission Support Division, under the EPA Chief Information Officer. Although the titles and reference numbers of some documents have changed, the policies and substance remain the same.

Issued by the EPA Chief Information Officer, Pursuant to Delegation 1-19 (dated 07/07/2005), the U.S. Environmental Protection Agency Procedure for Quality Policy applies to all EPA organizations including Headquarters Offices, Program Offices, Regions, and their sub-organizations. All EPA Programs, Offices and Regions have established Quality Management Plans in coordination with their associated Quality Assurance Program. Training frequency and requirements are a combination of regional and national Quality Assurance Program guidance. Each Region should ensure OSCs are aware of the regionally-required QA/QC trainings.

At EPA Headquarters, the Office of Mission Support/Office of Enterprise Information Programs' (OEIP) Enterprise Quality Management Division (EQMD) oversees the implementation of the EPA Quality Program, which provides requirements and training for conducting quality management activities for environmental data collection and environmental technology programs performed by or for the Agency. Additional information is available at: <https://www.epa.gov/quality/forms/contact-us-about-managing-quality-environmental-information>.

EQMD offers many training modules (e.g., QAPP development, record keeping, QMP development): <https://www.epa.gov/quality/training-courses-quality-assurance-and-quality-control-activities>.

In addition to general Quality Management System training, the following documents are recommended to be included in a Quality Management Program training:

- Quality Management Plan
<https://www.epa.gov/sites/production/files/2016-06/documents/r2-final.pdf>
- Quality Assurance Project Plans (QAPP)
(EPA Requirements for QA Project Plans (QA/R-5)
https://www.epa.gov/sites/production/files/2016-06/documents/r5-final_0.pdf
- Guidance for Choosing Sampling Design for Environmental Data Collection
<https://www.epa.gov/sites/production/files/2015-06/documents/g5s-final.pdf>
- Quality Assurance - Field Activities Procedures
<https://www.epa.gov/sites/production/files/2015-03/documents/2105-p-02.pdf>

5. Recommended Training

EPA's www.trainex.org lists more than 400 courses, some of which are required and others that are recommended for OSCs. Recommended courses for OSCs are also listed in Table 3 of Appendix A. This recommended training is not mandated by regulation, but is intended to enhance the knowledge, skills, and abilities of OSCs' effective job performance. The courses listed in the attached table are offered to guide OSCs and provide specific course titles, where to attend the training and how to document the courses in the Emergency Management Portal (EMP) Field Readiness Module (FRM). Recommended training can be internal and/or external courses that will assist OSCs in responding to hazardous materials, radiation, oil spill and disaster incidents and the variety of other tasks that an OSC may perform.

Additional Resources for Training:

- FEMA Emergency Management Institute <https://training.fema.gov/is/>
- OSHA e-Tools <https://www.osha.gov/dts/osta/oshasoft/>
- CDC Train: <https://www.train.org/cdctrain/welcome>
- TEEEX: <https://teex.org/Pages/homeland-security.aspx>
- eCFR: <https://gov.ecfr.io/cgi-bin/ECFR?page=browse>
- PHMSA: <https://www.phmsa.dot.gov/training/hazmat/training-modules>

6. Training Opportunities

This section of the guidelines provides a brief description of some of the training and development opportunities that are available to OSCs to meet the required and recommended training.

6.1 OSC Readiness Training

The OSC Academy Task Force identified the need for a training forum directed specifically at the OSC's job functions. The OSC Readiness Workgroup, now the National OSC Workgroup, developed the OSC Readiness Training Board comprised of OSCs and representatives from OSRTI and OEM. The members of the OSC Readiness Training Board are responsible for the development, planning and implementation of the annual OSC Readiness Training, which encompasses several 4- or 8-hour training sessions as well as management briefings, case study presentations, and other events. Learning activities offered at each OSC Readiness Training are selected by the OSC Readiness Training Board based on current training needs, feedback from previous offerings and training requests from OSCs and their supervisors. Approximately 100 to 200 of the Agency's OSCs attend each year. To continue the ongoing dialogue of the OSC Readiness program and to reach OSCs and other response staff, OSRTI supports sessions from the event through the "*OSC Readiness Presents...*" webinar series via CLU-IN. More information is available at <https://response.epa.gov> and www.cluin.org.

6.2 OSRTI-Sponsored Training

The Office of Superfund Remediation and Technology Innovation (OSRTI) assists in the planning and implementation of the OSC Readiness Training, and they also offer other training opportunities. OSRTI supports the Office of Land and Emergency Management (OLEM) Training Coordination Team, whose Regional Training Coordinators support both Headquarters- and Regional-specific training. Specialized training in site characterization, field sampling and analytics, and other technical topics is available in both classroom and internet-based seminars. The CLU-IN website also offers podcasts and archived versions of live internet seminars.

Information and schedules for most of these training courses can be found on the Training Exchange (Trainex) web page (<http://trainex.org>). Trainex also advertises courses and training programs offered by its training partners (e.g., National Enforcement Training Institute, Agency for Toxic Substances and Disease Registry and the Interstate Technology Regulatory Council), as well as many regional courses and online training opportunities.

6.2.1 Environmental Response Team (ERT) and Environmental Response Training Program (ERTP)

OSRTI's Environmental Response Team's (ERT's) mission is to support the nation's response, cleanup, and renewal of its contaminated land, water, and air. ERT can provide support for the full range of emergency response actions, including unusual or complex emergency incidents. In such cases, the team can bring in special equipment with technically adept responders providing the On-Scene Coordinator, along with the regional response staff, training, support and advice. ERT provides subject matter technical assistance and supports the OSC webpage, as well as software and DVDs that address technical topics. Additionally, ERT manages the Environmental Response Training Program (ERTP) that offers dozens of health and safety, technical, incident command system, and specialized training courses delivered to EPA Regions and Headquarters. In addition to training courses, ERTP provides field, Level A, and incident management team exercises (IMTX). Upon request, ERTP develops, presents and supports specialized courses and exercises. ERTP supports the ERTP virtual university (<https://ertpvu.org/>). Details for ERT can be found at: (<https://www.epa.gov/ert/environmental-response-team-ert-overview>) and (<https://www.epa.gov/ert>).

6.2.2 CERCLA Education Center

OSRTI offers required and advanced training for OSCs through the CERCLA Education Center (e.g., *Superfund 101*, *Removal Process*, *OSC 201*) and through other programs to support the implementation of the latest environmental technologies (e.g., Contaminated Site Clean-Up Information [CLU-IN] website, "CEC Presents..." webinar series, high-resolution site characterization training, and best practices for characterizing sites). The courses provide not only basic definitions and procedures, but detailed presentations on EPA's role with other federal agencies as well. Participants also receive reference materials that they can use on the job. Regional OLEM Training Coordination Team members can assist in scheduling and coordinating these and other courses.

6.2.3 Community Involvement University

The Superfund Community Involvement program offers courses to support Superfund site cleanups by providing EPA Community Involvement Coordinators (CICs) and other EPA and EPA-affiliated staff with the necessary skills, techniques, and practices to engage the community in the Superfund process. The Community Involvement University (CIU) offers a variety of courses each year at Regional offices. The course topic areas include collaboration, facilitation, public participation, risk communication, spokesperson, and others. A list of courses can be found on the Training Exchange Website at www.trainex.org.

7. Exercises

It is recommended that OSCs seek opportunities to participate in (e.g., observe, play, control, or evaluate) at least two National Contingency Plan (NCP) exercises/drills each year. Participation in actual emergency responses or removal actions may be considered to satisfy this criterion, at the discretion of the Removal Managers and OEM. Advanced deployment for FEMA exercises, responses and National Special Security Events may be used to fulfill this requirement. Additionally, OSCs should participate in emergency operations during Regional COOP drills/exercises.

8. OSC Training and Exercise Responsibilities

The following summarizes expectations with respect to training and OSCs.

OSCs should:

- Expect to be surveyed periodically and to provide professional, constructive feedback about training and exercises. There are general needs surveys and course-specific surveys. Information provided in surveys continues to be an excellent source for improving course content and relevancy.
- Fill out sign-in sheets and participant evaluation forms.
- Be aware of upcoming training opportunities.
- Report course completions to your training coordinator to ensure it is electronically recorded in the Emergency Management Portal (EMP) - Field Readiness Module.
- Expect to help develop and/or deliver training at some point during their career.
- Volunteer for the National OSC Workgroup or OSC Readiness Training Board in order to share your skills and experience.
- Take advantage of on-the-job training opportunities.

Documentation of Training

The EMP-Field Readiness Module (FRM) is an electronic tracking system maintained by OEM to track courses taken and certifications obtained by all EPA employees potentially involved in emergency response. The system allows for regional training customizations while maintaining a uniform national list of courses as dictated by existing EPA guidance. The EMP-Field Readiness Module is currently available to all EPA Regions and Headquarters to use in tracking required and recommended training. OSCs should inform their Regional EMP coordinators of courses completed to ensure they are entered in the tracking system. Additionally, FedTalent is the documentation system of record for inspector credentials and FAI Cornerstone OnDemand (CSOD) is the documentation system of record for contracting certifications.

The NOW recommends that individual OSCs also maintain a record of their training, including certificates or other documentation provided by the course instructors.

9. Mentoring

The OSC mentoring program is a key aspect of EPA's training program. Consistent with Agency-wide policy on mentoring (OLEM Directive 9285.9 – 02), each new OSC should be assigned a mentor by his or her supervisor soon after appointment. New OSCs will remain in the mentoring program until the mentor, the protégé, and the supervisor agree that the OSC is ready for a response action assignment in accordance with OSHA 1910.120 (e) and EPA Order 1440.2, which both require 24 hours of on-the-job training.

10. Professional Development

OSCs and their supervisors may work together to develop annual Individual Development Plans (IDPs) that will serve to enhance both the individual OSC's career and his or her contribution to fulfilling the mission and objectives of the Removal Program. OSC supervisors are responsible for balancing work needs with training requirements and developmental needs, and for approving training and development plans in the IDP. OSCs must take responsibility for successfully completing assigned training, development, education, and qualification activities; providing objective feedback to supervisors and training personnel on the effectiveness and relevance of training; and providing training documentation to relevant individuals or offices to maintain current training records. OSCs should take advantage of the Office of Human Resources for guidance and assistance in completing the IDP process.

EPA staff are encouraged to develop IDPs to assist them in managing their individual careers as well as assuring that they schedule and receive the required job-related training. This document provides guidance for the job-related training component of an IDP. Employees are encouraged to discuss other career-related IDP issues with their supervisor.

Appendix A: Training Needs Tables

Table 1: H&S Training

Training Name	Frequency	# of hours	Who Needs	Statutory Reference	FRM Code (initial/refresher)	Required or May be Required*	Standalone Course or Maybe a Combined Course
Automated External Defibrillators (AED)	Every 2 years	1	Upon initial assignment of duties, refresher as recommended by American Red Cross. Typically required for field employees when access to emergency medical services may be delayed due to remoteness of the work location	29 CFR 1910.151; 29 CFR 1926.21(b)(4)	1340	Required	Combined with CPR
Basic Toxicology	Initial	1	All field employees	29 CFR 1926.21(b)(2); EPA Order 1440.2	100558	Required	Covered in HAZWOPER and EPA Field Safety and Health
Bloodborne Pathogens (BBP)	Annually	1-2	Upon initial assignment where exposure to bloodborne pathogens is likely. Typically required for OSCs and other field personnel who perform natural disaster response work.	29 CFR 1910.1030	22/100560	Required	Can be covered in CPR/First Aid and/or Field Safety and Health - General Awareness/Refresher
Cardiopulmonary Resuscitation (CPR)	Every 2 years	4	Upon initial assignment of duties, refresher as recommended by American Red Cross. Typically required field employees when access to emergency medical services may be delayed due to remoteness of the work location	29 CFR 1910.151; 29 CFR 1926.21(b)(4)	53	Required	Standalone, may be combined with first aid
Chemical and Biological Agent Awareness	Initial & as needed	1-2	OSCs and Emergency Responders	ERHSM	100991	Required	Covered in HAZWOPER
Chemical Hazards and Reactions	Initial	1	OSCs and Emergency Responders	EPA Order 1440.2	100565	Required	Covered in HAZWOPER and EPA Field Safety and Health
Confined Space Awareness	Initial & as needed	1	OSCs and Emergency Responders	29 CFR 1910.120	1789	Required	Covered in HAZWOPER and EPA Field Safety and Health
Decontamination Awareness (Personnel)	Initial	1	OSCs and Emergency Responders	29 CFR 1910.120; EPA Order 1440.2	100580	Required	Covered in HAZWOPER and EPA Field Safety and Health
Driver Safety - Field Activities	Annually	> = 1.5	All field employees	EPA Order 1440.2	747/100983	Required	Covered in Field Safety and Health
EPA's Occupation Health and Safety Program - Field Activities Awareness	Initial	1	All field employees	EPA Order 1440.2	100599	Required	Covered in Field Safety and Health
Field Safety and Health - Annual Refresher	Annually	8	All field employees	EPA Order 1440.2	TBA	Required	Standalone. May be covered in initial 40-hour HAZWOPER, contact SHEMP manager for clarification
Field Safety and Health - General Awareness (24 Hour Initial)	Initial	24	All field employees	EPA Order 1440.2	TBA	Required	Standalone. May be covered in 8-hour HAZWOPER refresher, contact SHEMP manager for clarification
First Aid	Every 2 years	4	Upon initial assignment of duties, refresher as recommended by American Red Cross. Typically required for field employees when access to emergency medical services may be delayed due to remoteness of the work location	29 CFR 1910.151; 29 CFR 1926.21(b)(4)	7	Required	Standalone, may be combined with CPR/AED
Hazard Communication	Annually	1-2	All field employees	29 CFR 1910.1200; 29 CFR 1926.59; EPA Order 1440.2	1297/100617	Required	Covered in Field Safety and Health
Hazardous Energy Sources & Mechanical Hazards Awareness	Initial	1	All field employees	EPA Order 1440.2	100619	Required	Covered in Field Safety and Health
HAZWOPER – (40-hour Initial Training for General Site Worker)	Initial	40	OSCs, general site workers, on-site management and supervisors; Prior to field activities	29 CFR 1910.120(e)(3)	1	Required	Standalone
HAZWOPER – (Eight-hour Refresher Training for Hazardous Waste Site Workers)	Annually	8	OSCs, general site workers, on-site management and supervisors; Prior to field activities	29 CFR 1910.120(e)(8); EPA Order 1440.2	49	Required	Standalone
HAZWOPER – (Eight-hour Training for On-site Management and Supervisors)	Initial	8	OSCs and field employees who serve in an oversight role at HAZWOPER Site	29 CFR 1910.120(e)(4)	3	Required	Standalone
HAZWOPER – (Three Days Field Experience for General Site Worker)	Initial	24	All employees participating in HAZWOPER regulated activities. *Must complete within 6 months of classroom training.	29 CFR 1910.120(e)(3)(i); EPA Order 1440.2	1338	Required	Standalone
Hearing Conservation Awareness	Initial	1	All field employees	29 CFR 1910.95; EPA Order 1440.2	1788	Required	Covered in Field Safety and Health
Heat and Cold Stress Awareness	Initial & as needed	1	All field employees	EPA Order 144.2	100637	Required	Covered in HAZWOPER and EPA Field Safety and Health
Illness, Injury, & Near Miss Reporting	Initial & as needed	TBD	Upon initial employment	ERHSM	2311	Required	Covered in Field Safety and Health

Training Name	Frequency	# of hours	Who Needs	Statutory Reference	FRM Code (initial/refresher)	Required or May be Required*	Standalone Course or Maybe a Combined Course
Medical Emergencies in Field Activities Awareness	Initial	1	All field employees	EPA Order 1440.2	100660	Required	Covered in Field Safety and Health
Medical Surveillance Awareness	Initial	1	Upon enrollment into the medical surveillance program	EPA Order 1460.1	25	Required	Covered in Field Safety and Health
Natural Hazards Awareness	Initial	1	All field employees	29 CFR 1926.21(b)(4); EPA Order 1440.2	100667	Required	Covered in HAZWOPER and EPA Field Safety and Health
Nerve Agent Antidote Kit (Duodote) Refresher	Annually	1	10 OSCs per region and OSCs/Emergency Responders working a nerve agent site.	OSWER Directive 9200.51	100981	Required	Standalone
Nerve Agent Antidote Kit (Duodote)**	Initial	1-2	10 OSCs per region and OSCs/Emergency Responders working a nerve agent site.	OSWER Directive 9200.51	1786	Required	Standalone
New Employee General Safety and Health Orientation	Initial	1-2	All Employees - within 3 months of employment	EPA Order 1440.2	2225	Required	Covered in Field Safety and Health
Personal Protection Equipment (PPE)	Annually & as needed	0.75-1	Employees required to don PPE	29 CFR 1910.132; 29 CFR 1926 Subpart E; EPA Order 1440.2	2315/100982	Required	Covered in HAZWOPER and Field Safety and Health
Physical Hazards Awareness	Initial & as needed	1	OSC, Emergency Responders & supervisors	ERHSM	100620	Required	Covered in Field Safety and Health
Planning and Preparation for Field Activities	Initial	1	All field employees	EPA Order 1440.2	100675	Required	Covered in Field Safety and Health
Portable Fire Extinguishers	Initial	1-4	Upon employment or initial assignment of duties.	EPA Order 1440.2	2325	Required	Covered in Field Safety and Health
Practical Respirator Demonstration	Annually		Required for personnel issued and expected to APRs, PARA, SAR, SCBAs as part of their job responsibilities.	29 CFR 1910.134; 29 CFR 1926.103; ERHSM	1781	Required	Covered in 8 hour HAZWOPER Refresher and/or PPE Exercises or Drills
Radiation Detection Instrumentation	Every 2 years		OSCs and Emergency Responders	10 CFR 19; 29 CFR 1910.1096; 29 CFR 1926.53	TBA	Required	Standalone or covered in either Radiation Work Basic or Advanced Training
Radiation Dosimetry (TLD) Awareness	Every 2 years	0.5-1	OSCs and Emergency Responders; Upon enrollment into the radiation dosimetry program - must complete if given a TLD badge	10 CFR 19; 29 CFR 1910.1096; 29 CFR 1926.53, ERSHM	100680	Required	Covered in Radiation Worker Basis or Advaced Training Refresher
Radiation Worker - Advanced Training	Initial	32-40	OSCs and Emergency Responders Upon initial assignment to duties - will exempt the requirement to maintain basic RAD worker; required if conducting ERs or removal action of radioactive materials	SHEMP Guideline 38, ERSHM	210	Required	Standalone
Radiation Worker - Advanced Training Refresher	Every 2 years	1-2	OSCs and Emergency Responders. Upon initial assignment to duties - will exempt the requirement to maintain basic RAD worker; required if conducting ERs or removal action of radioactive materials	SHEMP Guideline 38, ERSHM	1784	Required	Standalone
Radiation Worker Basic Training	Initial	4	Upon initial assignment to duties, Required for all OSCs and Special Teams members	10 CFR 19; 10 CFR 30; ERHSM	6	Required	Standalone
Radiation Worker Basic Training Refresher	Every 2 years	1	OSCs and Emergency Responders	10 CFR 19; 10 CFR 30; ERHSM	4	Required	Standalone
Respiratory Protection Awareness	Initial	1-2	Employees who perform work that may require wearing respiratory protection devices	29 CFR 1910.134; 29 CFR 1926.103; EPA Order 1440.2	1782	Required	Covered in HAZWOPER and Field Safety and Health
Respiratory Protection Refresher	Annually	1-4	Employees wearing respiratory protection devices	29 CFR 1910.134; EPA Order 1440.3	100684	Required	Covered in 8 hour HAZWOPER Refresher and/or Practical Respirator Demonstration
Transportation for Hazmat (Hazardous Materials Transportation - DOT Shipper or Hazardous Materials Transportation - IATA)	Every 2 years or Every 3 years	8-24	Within 90 days of first day of employment or the first day of a change in job function requiring the employee to prepare or ship hazardous materials; DOT required every three years. IATA training may additionally be required if shipping by air.	49 CFR 172.704 Subpart H	60/41	Required	Standalone
Arsenic - Inorganic	As Needed - Annually	1-2	Prior to employee entry into any area containing these materials	29 CFR 1910.1018; 29 CFR 1926.1118	100640	May be Required	Standalone
Asbestos Safety	Varies	Varies	Field employees working sites containing asbestos as the primary contaminant of concern and/or present in the workplace	29 CFR 1926.1101	TBA	May be Required	Standalone, may be converal in annual refresher training. Contact your HPSC, SHEMP or Asbestos TRW representative for clarification.
Boat Safety Awareness	Initial	1	Upon initial assignment of duties. Typically field employees performing oil spill and open water response work	29 CFR 1910.1003; 29 CFR 1926.1103	2321	May be Required	Standalone

Training Name	Frequency	# of hours	Who Needs	Statutory Reference	FRM Code (initial/refresher)	Required or May be Required*	Standalone Course or Maybe a Combined Course
Confined Space Permit Required - Entrant/Attendant	Every 2 years	16-24	Upon assignment of duties and prior to a change in assigned duties and/or the employer has reason to believe there are deviations from entry procedures or there is an inadequate employee knowledge.	29 CFR 1910.146	100572	May be Required	May be standalone or combined with other Confined Space Permitted job functions
Confined Space Permit Required - Entry Supervisor	Every 2 years	8	Upon assignment of duties and prior to a change in assigned duties	29 CFR 1910.146	100573	May be Required	May be standalone or combined with other Confined Space Permitted job functions
Confined Space Permit Required - Rescue Team	Annually	8	Upon assignment of duties and prior to a change in duties. *Must also be trained in CPR and FA.	29 CFR 1910.146	100574/100575	May be Required	Standalone
Cranes, Derricks, Hoists, Elevators, & Conveyers	Initial & as needed	4-8	Upon initial assignment of duties and as needed to maintain proficiency. Not typically required	29 CFR 1926 Subpart N	100579	May be Required	Standalone
Driver Safety - Defensive Driving (GSA Course)	Every 3 years	> = 4	All employees prior to operating a GSA vehicle	GSA	100589	May be Required	Standalone
Drum Handling Awareness	Initial	1	Upon initial assignment of duties. Typical OSCs and Emergency Responders	N/A	100590	May be Required	May be standalone or covered in HAZWOPER
Electrical Training	Initial & as needed	4-5	Upon initial assignment of duties & refresher as needed based upon competencies	29 CFR 1910.332	2342	May be Required	Standalone
Excavation/Trenching and Shoring	Initial	3	Prior to participating in excavation activities or working in a trench	29 CFR 1926 Subpart P	100602	May be Required	Standalone
Explosives and Blasting Agents	Initial & as needed	1	Upon initial assignment of duties & refresher as needed to maintain proficiency	29 CFR 1910.109	100603	May be Required	Standalone
Ladder Safety Awareness	Initial & as needed	1	Field employee required to use ladders as part of their job responsibilities. Upon initial assignment of duties; as needed based on deficient worker performance and knowledge	29 CFR 1910.23; 29 CFR 1926.1053	100647	May be Required	Covered EPA Field Safety and Health - General Awareness/Refresher
Lead - General Industry	As Needed - Annually	1-2	Field employees working lead removal sites. Prior to employee entry into any area containing these materials	29 CFR 1910.1025; 29 CFR 1926.62	100652	May be Required	Standalone
Mine Safety Awareness	Initial	1	Upon initial assignment of duties. Field employees performing work at surface and subsurface mining sites	30 CFR 46.5	100664	May be Required	Standalone
Non-ionizing Radiation	As Needed		Upon assignment of duties. Field employees utilizing LASER, microwave and other regulated non-ionizing radiation sources.	29 CFR 1910.97; 29 CFR 1926.54	100668	May be Required	Standalone
Occupational Noise Exposure	Annually	0.5-0.75	Upon exposure to noise at or above an 8-hour TWA of 85 decibels	29 CFR 1910.95; 29 CFR 1926.52	100669/100823	May be Required	Standalone
Scaffolding	Initial & as needed	1	Field employees erecting or utilizing scaffolding as part of their job duties. Upon initial assignment of duties & refresher as needed to maintain proficiency	29 CFR 1926 Subpart L	100688	May be Required	Standalone
Stack Sampling Safety Awareness	Initial	1	Field employees performing stack sampling. Upon initial assignment of duties	29 CFR 1926.501	100696	May be Required	Standalone
Subsurface Investigations Safety Awareness	Initial	1	Field employees performing subsurface investigations (Geoprobe, excavations, etc.) Upon initial assignment of duties	29 CFR 1926.650-29 CFR 1926.652; 29 CFR 1926.800	100698	May be Required	Standalone
X-ray Safety Awareness	Initial & annual	1-4	Prior to use of x-ray generating equipment (including XRF)	29 CFR 1910.1096; 29 CFR 1926.53	TBA	May be Required	Standalone

NOTE:

ERHSM - Emergency Responder Health and Safety Manual

N/A - Not Applicable

TBA - To Be Assigned

*Evaluate means that the OSC/ST should contact their Supervisor, SEMP or HSPC to determine if their job duties will require additional health and safety training

** Duodote training is required for a minimum of 10 OSCs per region

SEMP Managers may determine if employees who have taken 40-hour HAZWOPER training have already satisfied all the elements listed in the Field Safety and Health – General Awareness (24 Hour Initial) training course.

Table 2: Other Required Training

Training Name	Frequency	# of hours	Who Needs	Statutory Reference	FRM Code (initial/ refresher)	Delivery Method
Basic Inspector Training	Initial	5	All OSCs	EPA Order 3510	63/101089	https://epafedtalent.ibc.doi.gov/course/view.php?id=9962
Contract Officer Representative (COR) - Level II Initial	Initial	54	All OSCs	Clinger-Cohen Act (Maloney Bill) and EPA Acquisition Regulations	1146	https://id.dau.edu/
Contract Officer Representative (COR) - Level II Recertification	Every 2 years	40	All OSCs	Clinger-Cohen Act (Maloney Bill) and EPA Acquisition Regulations	35	https://id.dau.edu/
ICS KLP	Initial	Varies	If serving in a KLP position	EPA Order 2073	TBA	https://trainex.org/
ICS-300: Intermediate ICS for Expanding Incidents	Initial	20	If serving on the IMT and in a KLP position	EPA Order 2073	TBA	https://www.trainex.org/offeringslist.cfm?courseid=469
ICS-400: Advanved ICS, Command and General Staff-Complex Incidents	Initial	16	If serving on the IMT and in a KLP position	EPA Order 2073	TBA	https://www.trainex.org/offeringslist.cfm?courseid=554
IS-100: Introduction to Incident Command System	Initial	2	All OSCs	EPA Order 2073	987	https://training.fema.gov/is/courseoverview.aspx?code=is-100.c
IS-200: ICS for Single Resources and Initial Action Incidents	Initial	4	All OSCs	EPA Order 2073	605	https://training.fema.gov/is/courseoverview.aspx?code=IS-200.c
IS-700: National Incident Management System (NIMS) An Introduction	Initial	3.5	All OSCs	EPA Order 2073	842	https://training.fema.gov/is/courseoverview.aspx?code=IS-700.b
IS-800: National Response Framework, An Introduction	Initial	3	All OSCs	EPA Order 2073	679	https://training.fema.gov/is/courseoverview.aspx?code=IS-800.d
OPA 101	Initial	32	All OSCs		TBA	https://trainex.org/offeringslist.cfm?courseid=1944
Oil Response Training - Slow/Backwater Practical	Initial	40	All OSCs		100164	https://trainex.org/offeringslist.cfm?courseid=320
Removal Process	Initial	36	All OSCs		TBA	https://trainex.org/offeringslist.cfm?courseid=45
Superfund 101 or Fundamentals of Superfund and Enforcement Process Overview	Initial	40	All OSCs		TBA	https://trainex.org/offeringslist.cfm?courseid=254
Warrant Training	Initial	28	All OSCs	EPA Acquisition Regulations	11	https://trainex.org/offeringslist.cfm?courseid=61

TBA - To Be Assigned

Table 3: Recommended Training

Training Name	Frequency	# of hours	Training Category	FRM Code (initial/ refresher)	Delivery Method
Accessing and Using the Oil Spill Liability Trust Fund	Initial	4	Oil	TBA	OSC Readiness
Advanced Explosives Disposal Techniques Explosives (ATF)	Initial	varies	CBRNE	TBA	https://www.atf.gov/explosives/advanced-explosives-disposal-techniques-course-id-expl-cs-0001
Advanced Groundwater Investigations (AGWI)	Initial	8	Technical	1900	Trainex
Advanced Leadership Training (OPM)	Initial	varies	Professional Development	TBA	https://www.opm.gov/policy-data-oversight/training-and-development/
Advanced Oil Response Tactics: The Fast and the Cold	Initial	4	Oil	TBA	OSC Readiness
Advanced Radiation Safety for EPA Emergency Responders (Trainex)	Initial	16	CBRNE	100949	https://trainex.org/offeringlist.cfm?courseid=1414&all=yes
Air Monitoring for Emergency Response (AMFER)	Initial	16	Technical	1911	https://trainex.org/offeringlist.cfm?courseid=439
Air Monitoring for Hazardous Materials (AMFHM)	Initial	24	Technical	1186	https://trainex.org/offeringlist.cfm?courseid=22
Anthrax NIOSH Training - Anthrax Response (NIOSH)	Initial	varies	CBRNE	1189	https://www.cdc.gov/niosh/topics/anthrax/training.html
Basic Environmental Geophysics (BEG)	Initial	16	Technical	101503	https://trainex.org/offeringlist.cfm?courseid=1760
Basics of Oil Spills	Initial	8	Oil	TBA	OSC Readiness
Basic PRP Search Training	Initial	varies	Enforcement	TBA	https://www.epa.gov/enforcement/prp-search-training-videos
Chemical Agents of Opportunity for Terrorism (Chemical Agent Response) (Trainex)	Initial	varies	CBRNE	2121	https://trainex.org/offeringlist.cfm?courseid=275
Chemistry for Emergency Response R0233	Initial	4-24	Technical	100008	U.S. Fire Administration
Chemistry for Environmental Professionals (CEP) Applied	Initial	12	Technical	2052	https://www.trainex.org/offeringlist.cfm?courseid=66&all=yes
Chemistry for Environmental Professionals (CEP) Fundamentals	Initial	16	Technical	1921	https://www.trainex.org/offeringlist.cfm?courseid=16&all=yes
Commercial Driver License Training (CDL)	Initial	40	Professional Development	TBA	Vendor should be determined based on Regional needs and applicable available trainings. i.e. Weather conditions, state law
Community Involvement: Tools and Techniques (Trainex)	Initial	8	Professional Development	100000	https://trainex.org/offeringlist.cfm?courseid=299&all=yes
Compressed Gas Cylinders	Initial	varies	Technical	TBA	OSC Readiness
Contaminant Vapor Migration and Intrusion	Initial	varies	Technical	TBA	https://trainex.org/offeringlist.cfm?courseid=646
Counter Terrorism Response (FLETC)	Initial	varies	CBRNE	1097	https://trainex.org/offeringlist.cfm?courseid=80
Electroplating Processes and Cleanups (Trainex)	Initial	2	Technical	TBA	www.ertpvu.org
Emerging Contaminants Workshop	Initial	8	Technical	TBA	https://trainex.org/offeringlist.cfm?courseid=1620&all=yes
Emerging Issues about Biofuels	Initial	8	Oil	TBA	https://clu-in.org/conf/itrc/biofuels_093014/
Environmental Remediation Technologies	Initial	24	Technical	1094	https://trainex.org/offeringlist.cfm?courseid=2
EPA Safety Officer Construction and Industrial Safety Course	Initial	24	Technical	TBA	https://trainex.org/offeringlist.cfm?courseid=1014
Fast Water Practical Booming Course	Initial	24	Oil	TBA	https://trainex.org/offeringlist.cfm?courseid=321
Federal Acquisition Regulations, EPA Acquisition Requirements (Independent Study)	As Needed	varies	Contracts	TBA	https://www.epa.gov/contracts/federal-procurement-regulations-and-resources
Fine-Tune Your Spokesperson Skill	Initial	1	Professional Development	TBA	https://www.trainex.org/offeringlist.cfm?courseid=1605&all=yes
Fundamentals of Industrial Hygiene	Initial	varies	Technical	TBA	https://www.nsc.org/safety-training/workplace/advanced-safety-certificate/fundamentals-industrial-hygiene
Hazard Categorization (HAZCAT)	Initial	8-24	Technical	TBA	https://hazcat.com/training/?v=f24485ae434a
Hazard Ranking System	Initial	32	Technical	TBA	https://trainex.org/offeringlist.cfm?courseid=38
Hazardous Materials Technician	Initial	40	CBRNE	100168	Trainex: https://www.trainex.org/offeringlist.cfm?courseid=21 FEMA: https://cdp.dhs.gov/find-training/course/PER-272
Heavy Equipment Overview Training for Site Managers	Initial	2	Technical	TBA	https://www.ertpvu.org/
Incremental Sampling (Trainex)	Initial	16	Technical	TBA	https://trainex.org/offeringlist.cfm?courseid=1621
Individual Spokesperson Training/Coaching (Trainex)			Professional Development	TBA	https://trainex.org/offeringlist.cfm?courseid=1605&all=yes
Introduction to Alternative Countermeasures (ACM) for Oil Spills	Initial	8	Oil	TBA	OSC Readiness: https://clu-in.org/conf/tio/osc3_112309/
Introduction to Environmental Geophysics (IEG) (Trainex)	Initial	24	Technical	2872	https://trainex.org/offeringlist.cfm?courseid=28

Training Name	Frequency	# of hours	Training Category	FRM Code (initial/ refresher)	Delivery Method
Introduction to Groundwater Investigations (IGWI)	Initial	24	Technical	TBA	https://trainex.org/offeringlist.cfm?courseid=6
Introduction to Risk Assessment Guidance for Superfund (IRAGS) (Trainex)	Initial	24	Technical	1794	https://www.trainex.org/classdetails.cfm?courseid=24&classid=8311
Introduction to Risk Assessment Guidance with Expanded Eco-Risk (Trainex)	Initial	28	Technical	TBA	https://www.trainex.org/classdetails.cfm?courseid=1561&classid=8299
Interest Based Negotiations Training	Initial	16	Professional Development	TBA	https://trainex.org/offeringlist.cfm?courseid=1113
Know What to Say and How to Say It: Media/Spokesperson Training (Trainex)	Initial	varies	Professional Development	TBA	https://www.trainex.org/offeringlist.cfm?courseid=262&all=yes
Knowing and Using the National Contingency Plan	Initial	16	Regulatory	TBA	https://trainex.org/offeringlist.cfm?courseid=333&all=yes
Knowing and Using the NCP with a focus on Oil	Initial		Regulatory	TBA	
Leadership Training (OPM)	Initial	varies	Professional Development	TBA	https://www.opm.gov/services-for-agencies/federal-leadership-development-programs/#url=Search-the-Catalogue
Mastering the Message: EPA Spokesperson Training (Trainex)	Initial	Varies	Professional Development	TBA	https://www.trainex.org/offeringlist.cfm?courseid=1601&all=yes
Modeling: CAMEO/ALOHA (EPA)	Initial	varies	Technical	TBA	https://www.epa.gov/cameo/cameo-training-and-events
Oil Chemistry	Initial	4	Oil	TBA	OSC Readiness
Oil Response Case Studies	Initial	4	Oil	TBA	OSC Readiness
On-Scene Coordinator Crisis Management (MS-523)	Initial	80	Professional Development	197	https://www.forcecom.uscg.mil/Our-Organization/FORCECOM-UNITS/TraCen-Yorktown/Training/Port-Operations/
OSC 201	Initial	16	Technical	TBA	https://trainex.org/offeringlist.cfm?courseid=285
Past PRP Search Conferences	As Needed	varies	Enforcement	TBA	https://usepa.sharepoint.com/sites/OECA_Work/PRPSearch/SitePages/PRPSearch.aspx
Personnel, Finance, Audit (OPM)	Initial	varies	Contracts	TBA	https://www.opm.gov/policy-data-oversight/training-and-development/
Pipeline Incident Response (PHSMA)	Initial	varies	Technical	TBA	
Preliminary Assessment/Site Inspection Training	Initial	24	Technical	TBA	https://trainex.org/offeringlist.cfm?courseid=457
Present Effectively with Style and Skill at Public Meetings (Trainex)	Initial	varies	Professional Development	TBA	https://www.trainex.org/offeringlist.cfm?courseid=1153&all=yes
Presidential Decision Directives 39, 62, 63, and Homeland Security Presidential Directives (Independent Study: Self Guided training)	As Needed	varies	Regulatory	TBA	https://www.hsd.org/?collection&id=2481&pid=wjc
Project Management (OPM)	Initial	varies	Professional Development	2455	https://www.opm.gov/policy-data-oversight/training-and-development/
PRP Search Training	Initial	24	Enforcement	TBA	https://trainex.org/offeringlist.cfm?courseid=1759
Purchase Cards	Every 2 years	1-2	Contracts	36/867	GSA Smartpay: http://training.smartpay.gsa.gov
Radiation Safety - Overview for Environmental Professionals (Trainex)	Initial	8	CBRNE	100136	https://trainex.org/offeringlist.cfm?courseid=182&all=yes
RCRA for OCSs	Initial	4	Technical	TBA	OSC Readiness
Read National Preparedness for Response Exercise Program (PREP) Guidelines (81 FR 21362)*	As Needed	varies	Professional Development	TBA	https://www.federalregister.gov/documents/2016/04/11/2016-08215/national-preparedness-for-response-exercise-program-prep-guidelines
Risk Communication (Trainex)	Initial	varies	Professional Development	2844	https://www.trainex.org/offeringlist.cfm?courseid=229&all=yes
Sampling for Hazardous Materials	Initial	16	Technical	1207	https://trainex.org/offeringlist.cfm?courseid=20
Shoreline Cleanup Assessment Technique (SCAT) Training	Initial		Oil	TBA	https://response.restoration.noaa.gov/oil-and-chemical-spills/oil-spills/shoreline-cleanup-and-assessment-technique-scat-classes
Spill, Prevention, Control and Countermeasures (SPCC) Plan Training	Initial	40	Oil	2327	https://epafedtalent.ibc.doi.gov/enrol/index.php?id=1255
Superfund Enforcement Training	Initial	varies	Enforcement	TBA	https://usepa.sharepoint.com/sites/OSRESuperfundEnforcementTraining
Superfund Success: Tools and Techniques for Community Involvement Train-the-Trainer Webinar (Trainex)	Initial	varies	Professional Development	TBA	https://www.trainex.org/offeringlist.cfm?courseid=1808
Tailored and Streamlined ... the 2009 SPCC Rule Amendments	Initial	4	Oil	TBA	https://clu-in.org/conf/tio/osc9_120909/
Tank Car Specialist	Initial	40	Technical	717	https://sertc.org/

Training Name	Frequency	# of hours	Training Category	FRM Code (initial/ refresher)	Delivery Method
Vapor Intrusion Workshop	Initial	40	Technical	TBA	https://trainex.org/offeringslist.cfm?courseid=569&all=yes
Vessel Operator Certification	Initial	8	Professional Development	TBA	https://www.nasbla.org/training/courses
Waste Treatment, Transportation, and Disposal	Initial	20	Technical	TBA	https://trainex.org/offeringslist.cfm?courseid=46
Working Effectively with Tribal Governments	Initial	1	Professional Development	100184	https://tribal.golearnportal.org/

TBA - To Be Assigned

Appendix B: Revisions