



Environmental Times

A newsletter for Coast Guard environmental management and compliance

The Commandant's Environmental Stewardship Commitment

The United States Coast Guard is recognized as America's Maritime Guardian. We have long been charged with enforcing the laws and regulations that protect our country's marine environment, responding to vessel pollution, and restoring waterways following a disaster. As Environmental Stewards, we make a commitment to the American public and to future generations, not only to protect the environment, but also to demonstrate these values in our organization.

To maintain the public's trust, the Coast Guard will incorporate environmental best practices in all we do. We will

Develop an organizational capability to disseminate best practices, reduce environmental liabilities, and help all units achieve and maintain environmental compliance;

Undertake the *Federal Electronics Challenge* for recycling computers and other electronics;

Increase the use of biofuels in our vehicle fleet by 15% over each of the next four years;

Utilize sustainable design principles so that 25% of new construction projects will meet Leadership in Energy and Environmental Design (LEED) standards by the end of my watch;

Fully implement Environmental Management Systems (EMS) at major Coast Guard industrial units by the end of my watch.

I challenge all Coast Guard units to improve the environment, and to reduce our environmental footprint. Do your part, wherever you are within the organization, to make environmental stewardship a Coast Guard core competency.

Semper Paratus,

T.W. Allen
Admiral, U.S. Coast Guard

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From the Editor, a Call for Articles

The Environmental Times is a quarterly publication designed to keep Coast Guard personnel apprised of environmental issues impacting Coast Guard facilities, operations, planning, and policy making. We have received wonderful feedback from our readers, and we thank all our contributors.

We encourage you to share your stories and successes as environmental stewards. We are looking for articles describing innovative solutions and planning strategies designed to address your environment concerns. We welcome your contributions on environmental best practices, policy, achievements and awards, information resources (online or hard copy), and upcoming conferences.

Please submit your articles to Martin Nguyen at U.S. Coast Guard Headquarters (Martin.Nguyen@uscg.mil). Thank you for your continued support!

Earth Day Backgrounder

Reprinted from the EPA Newsroom, <http://www.epa.gov/newsroom/index.htm>, March 27, 2007

Earth Day, April 22, 2007, is an opportunity for all Americans to demonstrate that environmental responsibility is everyone's responsibility. There are a number of simple everyday choices that people can make to help protect the environment.

	<p>Reduce Your Carbon Footprint</p> <p>Do you know what your carbon footprint is? The Environmental Protection Agency's (EPA's) interactive climate change web page has a personal carbon calculator and information on ways individuals can reduce their greenhouse gas emissions.</p> <p>www.epa.gov/climatechange/emissions/ind_calculator.html</p>
	<p>Save Energy</p> <p>EPA's Energy Star web page is the great place for consumers to find energy efficient products that are good for the environment and their wallets. Search this site to find the latest information on energy efficient electronics, lighting and cooling systems.</p> <p>http://www.energystar.gov/homeimprovement</p>
	<p>Use Water Efficiently</p> <p>Visit EPA's WaterSense web page to learn how efficient products and smart water choices can save money and help protect our nation's water supply.</p> <p>www.epa.gov/watersense</p>
	<p>EPA's mission is to protect human health and the environment. The agency is recognized as a trusted source for the most up to date and accurate environmental information. As you plan your Earth Day coverage, look to the world leader on environmental information.</p> <p>www.epa.gov/newsroom/index.htm</p> <p>www.epa.gov/earthday</p>

Contact the EPA's Office of Public Affairs at (202) 564-4355 for more information.

EPA Web Site Provides Many Resources for Earth Day

Reprinted from the EPA, <http://www.epa.gov/earthday>

On April 22, 1970, 20 million people across America celebrated the first Earth Day. It was a time when cities were buried under their own smog and polluted rivers caught fire. Now Earth Day is celebrated annually around the globe. Through the combined efforts of the U.S. government, grassroots organizations, and local citizens, what started as a day of national environmental recognition has evolved into a world-wide campaign to protect our global environment.

EPA's Earth Day web site (www.epa.gov/earthday) offers many tips and fun ways to protect the environment and your health every day. Below is a list of links from the web site and an overview of the topics discussed:

<p>At Home www.epa.gov/earthday/home.htm</p>	<p>Learn about simple things you can do around your home to reduce the environmental impacts of your everyday activities:</p> <ul style="list-style-type: none"> • Recycling • Responsible landscaping and pest control • Energy efficient choices for the home • Clean water and disposal of hazardous waste
<p>In Your Community http://www.epa.gov/earthday/community.htm</p>	<p>Learn how to protect your neighborhood's natural resources. You can also access information on air and water quality in your community:</p> <ul style="list-style-type: none"> • Reduce your environmental footprint • Waste management • Toxic releases • Clean beaches and watershed protection
<p>At School http://www.epa.gov/earthday/classroom.htm</p>	<p>Whether you are a student, teacher, or someone just interested in learning more about the environment, EPA has lots of educational resources to offer you:</p> <ul style="list-style-type: none"> • Educational resources • UV radiation advisories • Proposed environmental regulations • Reducing pollution at school
<p>At Work http://www.epa.gov/earthday/work.htm</p>	<p>Learn how you and your employer can protect the environment, save money and create a healthy workplace.</p> <ul style="list-style-type: none"> • Energy efficient choices for the workplace • Corporate environmental stewardship • Commuting • Federal Electronics Challenge
<p>While Shopping http://www.epa.gov/earthday/shopping.htm</p>	<p>Buying a new car or home appliance? Now you can access helpful information on how to choose models that will reduce pollution, save energy and money:</p> <ul style="list-style-type: none"> • Green Purchasing • ENERGY STAR • Fuel-efficient vehicles
<p>Events and Volunteer Opportunities http://www.epa.gov/earthday/events.htm</p>	<p>Join a local Earth Day Celebration by participating in these events and volunteer opportunities.</p>

OSHA Proposes HazCom Harmonization with GHS

By Tom McCarley and Abdul Khalid, HTIS

Reprinted from HTIS Bulletin, NOV-DEC 2006

The United States Occupational Safety and Health Administration (OSHA) is responsible for the regulation referred to as the "Hazard Communication Standard" or HazCom for short. The current requirements are found at 29 CFR 1910.1200, which includes paragraph 'g', the requirement for manufacturers and users of hazardous chemicals to have a material safety data sheet (MSDS) for each chemical. Other parts of the HazCom requirement include hazard

warning labels and written HazCom plans whose intent is for employers to communicate with their employees the hazards of the workplace chemicals in which they are potentially exposed.

For some time, the international community has been adopting a Globally Harmonized System of Classification and Labeling of Chemicals (GHS). The US has agreed to adopt GHS which will change the requirements of HazCom and thereby MSDSs and warning labels as well. In a September 12, 2006 proposal published in the Federal Register, OSHA outlined how the MSDS will eventually change.

The GHS data sheet is to include the following in this order:

- Identification
- Hazard identification
- Composition / information on ingredients
- First aid measures
- Firefighting measures
- Accidental release measures
- Handling and storage
- Exposure controls / personal protection
- Physical and chemical properties
- Stability and reactivity
- Toxicological information
- Ecological information
- Disposal considerations
- Transport information
- Regulatory information
- Other information

OSHA states that “having a standardized order of information should improve comprehensibility, which has been a continuing issue with regard to safety data sheets.” Note that up to now, there was no standard format for MSDSs and no requirements that manufacturers list transport information as called for by a more standardized section by section format. The GHS Safety Data Sheet (SDS) will dictate the order placement of information.

Reference: 1. Federal Register, Vol 71, No.176, pp 53617-53627, September 12, 2006. 2. Discussions of upcoming MSDS requirements – American Chemical Society National Meetings, Chemical Health and Safety Division.

ITRC’s “Protocol for Use of Five Passive Samplers for a Variety of Contaminants in Groundwater”

From the Executive Summary, prepared by the ITRC Diffusion/Passive Sampler Team, February 2007

In February 2007, the Diffusion/Passive Sampler Team of the Interstate Technology & Regulatory Council (ITRC) published its recommended protocols for the deployment of five passive sampling technologies. The three categories or types of passive samplers included in the protocol document are:

- Grab-type well water samplers (Snap Sampler™ and Hydrasleeve™)
- Diffusion/equilibrium-type samplers (regenerated-cellulose dialysis membrane sampler and rigid, porous polyethylene sampler), and
- Diffusion and sorption–type sampler (GORE™ Module.)

All groundwater sampling methodologies attempt to collect a sample that is formation-quality water of the groundwater adjacent to the well. Studies have shown that most wells receive groundwater flow through the screened interval of the well. This screened interval, considered in equilibrium with the adjacent groundwater (formation water), can be sampled with passive samplers with little or no well-water agitation, which can alter the contaminant concentrations in the sampled water.

Passive sampling eliminates purge sampling. Passive samplers remain submerged during a deployment period and collect a sample of water from a discrete position within the well in ambient equilibrium with adjacent groundwater. Passive samplers can be deployed at any location within the screened interval to evaluate the highest or lowest contaminant concentration in a stratified-flow screened interval. Deployed in a series within a screened interval, passive samplers can provide a contaminant concentration profile of the screened interval.

According to 16 states responding to a questionnaire, there are no specific regulatory barriers to using passive samplers to collect groundwater samples. There is, however, guidance that specifically requires purge-type sampling, thereby requiring passive samplers to obtain an exception when used.

Some state respondents were unaware of the operating mechanisms of passive sampler technologies and how the samplers collect a formation quality sample from a well. This misconception among regulators is a major reason why the ITRC Diffusion/Passive Sampler Team published the protocol document—to provide sound guidance on how to properly deploy and collect samples using passive devices.

The full report can be downloaded from ITRC's web site at <http://www.itrcweb.org/Documents/DSP-5.pdf>.

The ITRC operates as a committee of the Environmental Research Institute of the States, a Section 501(c)(3) public charity that supports the Environmental Council of the States through its educational and research activities aimed at improving the environment in the United States and providing a forum for state environmental policy makers.

The Environmental Assessment and Management (TEAM) Guide

Selecting a standard protocol is essential to achieving uniformity in compliance, eliminating compliance “gaps,” and generating useful reports. The Environmental Assessment and Management (TEAM) Guide ensures all units are treated equally. The TEAM Guide has several advantages:

- **Coverage.** The TEAM Guide is comprehensive, encompassing Federal, state, and local regulations in 13 areas of environmental compliance. This covers all major areas of compliance, with the notable exception of species protection. It is also flexible enough to modify (as the Department of Defense (DoD) and others have done) by adding a supplement incorporating Coast Guard environmental regulations as needed.
- **Standardization.** The TEAM Guide's standard numbering/classification system makes reporting and other database operations easier to conduct. The system also enables the Coast Guard to conduct integrated assessments with other agencies that use it and to establish quantitative baselines of facility compliance.
- **Maturity.** The TEAM Guide leverages work already being completed by the Army's Construction Engineering Research Laboratory (CERL). All documents are available online. The Component Supplements are updated quarterly. Each state supplement is updated annually, and a Coast Guard supplement could be updated as often as needed.
- **Proven Software.** It will be relatively easy to distribute software to walk audit teams through the TEAM Guide protocol. The Department of Homeland Security (DHS) is funding use of a software front-end supplied by CERL. It can be carried on laptops in the field. The software is easily modified to suit the Coast Guard. It also has web-based data hosting capabilities.

As the intention is to make the system available to Civil Engineering Units (CEUs) to facilitate data collection and reporting by the audit teams, CERL is aboard to work through the process of "mining" the Civil Engineering Data System (CEDs) and Shore Asset Management Program (SAM) to prepopulate the software with as much information as possible.

The Joint Service Pollution Prevention (P2) Technical Library

Overview of a Valuable Clearinghouse for Environmental Information

The Joint Service Pollution Prevention Technical Library (JSP2TL more commonly referred to as the **P2 Library**), an inter-service and inter-agency cooperative web site, provides a single point of reference for pertinent and timely information about Pollution Prevention (P2), Green Procurement, Environmental Management Systems (EMS), and other environmental issues relevant to Coast Guard (and DHS) activities. The P2 Library (located on the Internet at <http://141.156.28.142/index.html>) provides valuable information and access to resources about current and emerging environmental issues of vital importance to mission readiness and effective operations. The P2 Library offers success stories and lessons learned from other agencies and organizations sharing similar environmental concerns to help federal facilities and Environmental Times readers perform their jobs more effectively.

The P2 Library promotes the concept that cost-effective environmental protection is best achieved through programs that avoid or minimize problems, rather than react to them. For the past decade, the P2 Library has provided access to cutting edge environmental solutions relevant to Department of Defense (DoD) and Coast Guard operations. This access is now available to DHS through Coast Guard's association with DoD.

Today's federal community (both military and civilian) must concern itself with the multi-media environmental programs that support current day-to-day operations, while establishing the long-term objectives that will allow those operations to continue into the future. As the federal sector moves toward sustainable facilities and organizations, the P2 Library continues to offer the most up-to-date information to help Joint Services as well as civilian federal facilities proactively plan for the future of their missions within the context of environmental stewardship.

P2 Opportunity Topics of vital interest to the military and the federal environmental community provide the focal point of the P2 Library. These topics include:

- Air Quality
- Bio-based Products
- Electroplating and Metal Finishing Technologies
- Green Procurement
- Hazardous Material and Hazardous Waste Management
- Ozone Depleting Substances
- Painting
- Paint Removal Processes
- Petroleum, Oils, and Lubricants
- Preproduction Technologies
- Range Management
- Solid Waste Management
- Solvent Alternatives
- Storm Water
- Sustainable Development
- Wastewater

Information and resources related to each of these P2 Opportunity Topics are organized by the following subject areas:

- **Documents** including Guidance Manuals, Handbooks, Policies, Web/Software Tools, Research Reports, and more from the Joint Services, Federal Agencies, and other public and private sources.
- **Fact Sheets** from the Joint Services and other resources.
- **P2 Opportunity Handbook Data Sheets** that describe P2 technologies and/or applications currently in use at joint service installations, or provide overviews about important environmental issues.
- **Presentations** about environmental issues from 2001 and updated to include present-day emerging topics.
- **Success Stories** from the Joint Services, federal facilities, and other resources.
- **Web Links** that provide quick access to military, government, and private environmental web sites.

Several new features have recently been added to the P2 Library:

- **Emerging Environmental Issues**

Highlights emerging issues that may impact environmental operations and missions at Joint Service installations and other federal facilities. Recent topics include *Returning Military Equipment May Create Unanticipated*

Environmental and Economic Impacts and Environmental Compliance Concerns at Hospitals and Healthcare Facilities.

- ***Featured Resource of the Week***

Offers information about, and a direct link to, a new resource that provides pertinent and timely information about an environmental issue of importance to federal environmental professionals.

- ***Share Your Success Story***

Provides Joint Service installation and federal facility staff members the opportunity to share their Success Stories with others who may experience similar problems and concerns. Sharing of information among Joint Service P2 Library users from different services, installations, and facilities offers the opportunity to learn how others approach environmental issues, provides solutions to common challenges, and helps enhance productivity and decrease costs throughout the Joint Services.

Green Procurement is a regulatory issue that will have a major impact on the future purchasing practices – and operations – of all joint service installations and federal facilities. This topic area (at <http://p2library.nfesc.navy.mil/topics/green.html>) is based on the September 2004 DoD Green Procurement Policy: *Department of Defense Green Procurement Strategy – Promoting environmental stewardship throughout the Department of Defense*. The resources are organized under the following six major categories:

- Alternative Fuels and Fuel Efficiency
- Biobased Products
- Environmentally Preferable Products
- Energy Efficient Products (Energy Star and Energy Efficient Stand-by Power Devices)
- Non-Ozone Depleting Substances
- Recovered Material (Recycled-Content) Products

The Environmental Management System (EMS) Library. The Federal Environmental Executive describes The Environmental Management System (EMS) Library as "the most comprehensive and up-to-date EMS resource available to Federal agencies" (September 2004).

The EMS Library (at <http://141.156.28.142/ems/index.html>), also designated as the "Official" Navy EMS Web Site, is designed to provide one-stop access to the most recent EMS policies and directives, as well as templates, training modules, and success stories from each of the Joint Services. Many of these resources are not available from any other source. The availability of a resource specific to EMS issues enables Joint Service and civilian federal facility personnel to access pertinent and timely information as they move toward the December 31, 2005 deadline for EMS implementation.

In addition to information and resources from the DoD, federal, international, state and local governments, and private organizations, the EMS Library also features four *unique* resources:

- ***The Road to Successful EMS Implementation***

The EMS Library Homepage provides a logical and progressive month-by-month approach to EMS implementation, introducing a new EMS Topic each month, supported by a *Checklist of Monthly Goals, Relevant Resources and Featured Web Sites*. All of the topics, recommendations, and requirements are based on the ISO 14001 Standard.

- ***EMS Success Stories:***

This resource provides Joint Service installations the opportunity to share their EMS successes with others who may have similar missions, operations and concerns.

- ***EMS Roadmap: Key Considerations for Successful EMS Implementation:***

The Roadmap is a flow diagram outlining key issues that should be considered before and during the EMS implementation process. The issues discussed in this section go beyond those normally addressed in standard ISO 14001 EMS design and implementation resources.

- **Legal Requirements:**

An outline of the basic Legal Requirements that must be addressed when implementing an EMS. Links to major Federal Laws, Executive Orders, and DoD Directives and Instructions are provided.

The P2 Library makes it easy to find the information about current environmental concerns. In addition, the P2 Library can help you proactively plan for and implement new environmental initiatives, including Green Procurement and EMS, which will support progress toward the sustainable facilities and installations of the future. For proven approaches to problem solving and innovative solutions to common environmental challenges, visit **The Joint Service P2 Technical Library** at <http://141.156.28.142/index.html> today.

Suggestions and comments concerning the Joint Service P2 Technical Library are always welcome. Please use the [Registration](#) or [Feedback Form](#) to submit your comments. Completion of either one of these forms automatically adds your name to the P2 Library email list so you will receive announcements about future updates and additions to the Joint Service P2 Technical Library. Coast Guard POC: Mr. TJ Granito (Thomas.J.Granito@uscg.mil), (202) 475-5682

Frequently Asked Questions about the National Environmental Policy Act (NEPA)

Reprinted from the EPA, www.epa.gov/compliance/resources/faqs/nea/index.html, March 2006

What are NEPA's requirements?

Title I of NEPA contains a Declaration of National Environmental Policy which requires the federal government to use all practicable means to create and maintain conditions under which man and nature can exist in productive harmony. Section 102 requires federal agencies to incorporate environmental considerations in their planning and decision-making through a systematic interdisciplinary approach. Specifically, all federal agencies are to prepare detailed statements assessing the environmental impact of and alternatives to major federal actions significantly affecting the environment. These statements are commonly referred to as environmental impact statements (EISs). Section 102 also requires federal agencies to lend appropriate support to initiatives and programs designed to anticipate and prevent a decline in the quality of mankind's world environment.

Title II of NEPA establishes the Council on Environmental Quality (CEQ).

Who performs oversight of NEPA?

The Council on Environmental Quality, which is headed by a fulltime Chair, oversees NEPA. A staff assists the Council. The duties and functions of the Council are listed in Title II, Section 204 of NEPA and include: gathering information on the conditions and trends in environmental quality; evaluating federal programs in light of the goals established in Title I of the Act; developing and promoting national policies to improve environmental quality; and conducting studies, surveys, research, and analyses relating to ecosystems and environmental quality.

How does implementation of NEPA work?

In 1978, CEQ promulgated regulations [40 CFR Parts 1500-1508] implementing NEPA which are binding on all federal agencies. The regulations address the procedural provisions of NEPA and the administration of the NEPA process, including preparation of EISs. To date, the only change in the NEPA regulations occurred on May 27, 1986, when CEQ amended Section 1502.22 of its regulations to clarify how agencies are to carry out their environmental evaluations in situations where information is incomplete or unavailable.

Can you summarize the NEPA process?

The NEPA process consists of an evaluation of the environmental effects of a federal undertaking including its alternatives. There are three levels of analysis depending on whether or not an undertaking could significantly affect the environment. These three levels include: categorical exclusion determination; preparation of an environmental assessment/finding of no significant impact (EA/FONSI); and preparation of an environmental impact statement (EIS).

At the first level, an undertaking may be categorically excluded from a detailed environmental analysis if it meets certain criteria which a federal agency has previously determined as having no significant environmental impact. A

number of agencies have developed lists of actions which are normally categorically excluded from environmental evaluation under their NEPA regulations.

At the second level of analysis, a federal agency prepares a written environmental assessment (EA) to determine whether or not a federal undertaking would significantly affect the environment. If the answer is no, the agency issues a finding of no significant impact (FONSI). The FONSI may address measures which an agency will take to reduce (mitigate) potentially significant impacts.

If the EA determines that the environmental consequences of a proposed federal undertaking may be significant, an EIS is prepared. An EIS is a more detailed evaluation of the proposed action and alternatives. The public, other federal agencies and outside parties may provide input into the preparation of an EIS and then comment on the draft EIS when it is completed.

If a federal agency anticipates that an undertaking may significantly impact the environment, or if a project is environmentally controversial, a federal agency may choose to prepare an EIS without having to first prepare an EA.

After a final EIS is prepared and at the time of its decision, a federal agency will prepare a public record of its decision addressing how the findings of the EIS, including consideration of alternatives, were incorporated into the agency's decision-making process.

What are the components of an Environmental Assessment (EA) or an Environmental Impact Statement (EIS)?

An EA is described in Section 1508.9 of the Council's NEPA regulations. Generally, an EA includes brief discussions of the following: the need for the proposal; alternatives (when there is an unresolved conflict concerning alternative uses of available resources); the environmental impacts of the proposed action and alternatives; and a listing of agencies and persons consulted.

An EIS, which is described in Part 1502 of the regulations, should include discussions of the purpose of and need for the action, alternatives, the affected environment, the environmental consequences of the proposed action, lists of preparers, agencies, organizations and persons to whom the statement is sent, an index, and an appendix (if any).

What are the roles of federal agencies in the NEPA process?

The role of a federal agency in the NEPA process depends on the agency's expertise and relationship to the proposed undertaking. The agency carrying out the federal action is responsible for complying with the requirements of NEPA. In some cases, there may be more than one federal agency involved in an undertaking. In this situation, a lead agency is designated to supervise preparation of the environmental analysis. Federal agencies, together with state, tribal or local agencies, may act as joint lead agencies.

A federal, state, tribal or local agency having special expertise with respect to an environmental issue or jurisdiction by law may be a cooperating agency in the NEPA process. A cooperating agency has the responsibility to assist the lead agency by participating in the NEPA process at the earliest possible time; by participating in the scoping process; in developing information and preparing environmental analyses including portions of the environmental impact statement concerning which the cooperating agency has special expertise; and in making available staff support at the lead agency's request to enhance the lead agency's interdisciplinary capabilities.

Under Section 1504 of CEQ's NEPA regulations, federal agencies may refer to CEQ interagency disagreements concerning proposed federal actions that might cause unsatisfactory environmental effects. CEQ's role, when it accepts a referral, is generally to develop findings and recommendations, consistent with the policy goals of Section 101 of NEPA. The referral process consists of certain steps and is carried out within a specified time frame.

What is EPA's role in the NEPA process?

The Environmental Protection Agency, like other federal agencies, prepares and reviews NEPA documents. However, EPA has a unique responsibility in the NEPA review process. Under Section 309 of the Clean Air Act, EPA is required to review and publicly comment on the environmental impacts of major federal actions including actions which are the subject of EISs. If EPA determines that the action is environmentally unsatisfactory, it is required by Section 309 to refer the matter to CEQ.

Also, in accordance with a Memorandum of Agreement between EPA and CEQ, EPA carries out the operational duties associated with the administrative aspects of the EIS filing process. The Office of Federal Activities in EPA has been designated the official recipient in EPA of all EISs prepared by federal agencies.

What is the public's role in the NEPA process?

The public has an important role in the NEPA process, particularly during scoping, in providing input on what issues should be addressed in an EIS and in commenting on the findings in an agency's NEPA documents. The public can participate in the NEPA process by attending NEPA-related hearings or public meetings and by submitting comments directly to the lead agency. The lead agency must take into consideration all comments received from the public and other parties on NEPA documents during the comment period.

Conference Announcement: The Ninth International In Situ and On-Site Bioremediation Symposium

The Ninth International In Situ and On-Site Bioremediation Symposium will be held in Baltimore, Maryland, May 7-10, 2007. The Symposium will bring together international stakeholders, practitioners, and experts from industry, academia, and government to present the latest developments in research and engineering applications. The Symposium is sponsored and organized by Battelle. Co-sponsors include government and private organizations active in site remediation research and application.

The Symposium will include over 500 platform and poster presentations in 45 technical sessions chaired by leaders in bioremediation research and application. The program for 2007 has particular emphasis on recent advances in bioremediation tools, design, and management; the interaction of bioremediation with other remedial approaches; and increasing focus on global applications of bioremediation. Panel discussions, short courses, a student paper competition, and various receptions round out the program.

For more information regarding location, registration, and program schedule, visit the sponsor's web site at <http://www.battelle.org/environment/er/conferences/biosymp/default.stm>. While the program is currently full, abstracts will be considered as vacancies develop. Information regarding the presentation waiting list can also be found at the website.

Environmental Management (CG-443) News

Interservice Environmental Education Review Board (ISEERB) Conservation Pillar Subcommittee: CG-443 attended the ISEERB Conservation Pillar Subcommittee bi-annual meeting at Patuxent Research National Wildlife Visitors Center. The meeting agenda included:

1. An announcement by the Executive Secretary that the current subcommittee chair, Rosemary Queen, is retiring in May 2007 and that Steve Getlein has agreed to represent the Army as the new Chair.
2. Hand outs detailing a break down of attendance for 2006-2007 by service for the three courses under core curriculum.
3. An update regarding the DOD Natural Resources Compliance course. The course went thru a technical content review (TCR) by representatives delegated by the ISEERB Board in June 2006 at the Air Force Academy, Colorado Springs, CO, the findings of which were presented to Corp of Engineers Officers School (CECOS) and the instructors of the course. Changes were incorporated wherever possible to reflect the TCR and an updated course was offered at the Marine Corps Base, Kaneohe Bay, HI in January 2007.
4. A status report of Specialty Courses and the 11 Acceptable Courses.
5. An announcement for the DOD American Indian Cultural Communication Course to be held 20-22 March 2007 in Tulsa, Oklahoma. Other cultural updates were discussed.
6. On DOD Legacy Program and Training, an announcement that DOD will be hosting a Conservation and Range Sustainment Conference July 30-Aug 3, 2007 in Orlando, FL. This conference is open to the U.S. Coast Guard and additional information is available at <http://www.sustainingmilitaryreadiness2007.com/>.
7. A discussion by Lew Gorman, the USFWS Liaison to DOD Threatened and Endangered Species Program, regarding the current initiatives between DOD/USCG and USFWS and the availability of training courses

at the National Conservation Training Center in Shepherdstown, WV. Employees from DOD/USCG who will audit these courses will be given a 50% discount on the tuition per special arrangement made by Lew Gorman.

Draft Operating Facility Change Order (OFCO): CG-443 reviewed and concurred with the Draft Operating Facility Change Order to Establish Rescue 21 Project Resident Office (PRO) Alaska. The proposed OFCO to immediately establish USCG Rescue 21 PRO (CG R21 PRO ALASKA) in Juneau, Alaska has been reviewed for environmental impact as required by NEPA and determined to be categorically excluded under current USCG CE#2e and #2m from further environmental documentation, in accordance with Section 2.B.2. and Figure 2-1 of COMDTINST M16475.1D.

Draft Request to Disestablish SFO Atlantic City and SFO Eastern Shore: CG-443 reviewed and concurred with the proposed action provided it undergoes NEPA process before implementation. The document requests approval to redesignate the existing SFO command centers as "Detached Command Centers" until facilities and R21 enhancements are completed to allow for a full transfer of all operations to the respective Sector. Also, request in this package is a request to change ADCON/OPCON of STA Indian River from SFO Eastern Shore to Sec Del-Bay, concurrently shifting STA (sm) Roosevelt Inlet from STA Cape May to become a subunit of STA Indian River.

Disestablishment of Marine Safety Detachment Greenville, MS: CG-443 reviewed and concurred with the proposed action provided it undergoes NEPA process before implementation. The document requests to disestablish Marine Safety Detachment Greenville, MS and establish Marine Safety Detachment Vicksburg, MS. The proposed action will enhance and improve mission execution within Sector Lower Mississippi Rivers area of responsibility.

Concurrent Clearance on Draft Operational Requirements Document (ORD) For Short Range Recovery Helicopter (Hh-65c): CG-443 reviewed and concurred with the Draft Operational Requirements Document for the HH-65C provided that the NEPA process is conducted before implementation of this program. This ORD establishes the high-level requirements that provide the bridge between functional requirements and the detailed technical requirements for the Coast Guard's Short Range Recovery (SRR) helicopter, the HH-65C. The HH-65C engine upgrade provides additional power, airspeed and allows for increased gross weight over the HH-65B. Along with a complete replacement of the engines and several main gearbox components, the HH-65C upgrade replaces an aging, unreliable engine control system with a robust Full Authority Digital Engine Control (FADEC) unit. The Vehicle and Engine Multifunction Display (VEMD) and First Limit Indicator (FLI) will provide additional improve capabilities. The HH-65C aircraft will be stationed at current H-65 Air Stations and will replace the MH-68 aircraft at the Helicopter Interdiction Tactical Squadron (HITRON), Jacksonville, FL.

Listing of the Superior Entry South Breakwater Light, Wisconsin on the NRHP: Superior Entry is the inlet providing access to the western Lake Superior port of Superior, WI. During the early twentieth century, it was improved with flanking piers and two long breakwaters built of concrete and riprap. Aids to navigation were established to mark the opening between the breakwaters. The most prominent of these is Superior Entry South Breakwater Light, which began operating in 1913. It is a large concrete lighthouse and fog signal building with living quarters on the second story. Today, its light signal and fog signal are automated and solarized. CG-443 prepared a nomination to the National Register of Historic Places (NRHP) for this property. Listing on the NRHP, or an official determination of eligibility for listing, is required for it to be divested from USCG ownership under provisions of the National Historic Lighthouse Preservation Act (NHLPA). Superior Entry South Breakwater Light was officially listed on the NRHP on 1 March 2007.



Concurrent Clearance on Integrated Logistics Support Plan (ISLP) for the Trailerable Aids to Navigation

Boat: CG-443 reviewed and concurred with the draft ISLP for the Trailerable Aids to Navigation Boat provided that the NEPA process is conducted before implementation of this program. The Trailerable Aids to Navigation Boat (TANB) Project is a non-major acquisition project to replace the fleet of 21' TANB and several non-standard TANBs at aids to navigation teams (ANT) throughout the Coast Guard with a standard multi-mission boat with increased capabilities. This Integrated Logistic Support Plan (ILSP) is the master planning document guiding logistics support development and implementation throughout all phases of the TANB life cycle. The ILSP is prepared in accordance with the Major Systems Acquisition Manual and flows from and supports the Systems Integrated Logistics Support (SILS) Policy Manual. It contains the top-level management direction and decision making information, describes the necessary logistics support activities for each of the ten Integrated Logistics Support (ILS) elements, identifies those responsible for implementing each logistics support activity, and lays out a schedule for implementation. The objective of the TANB project is to acquire suitable platforms that meet all of the operational requirements, have an economical life cycle cost, maximize standardization throughout the TANB fleet, maximize the operational availability for Coast Guard ANTs, and offer a number of opportunities for improvements over the existing fleet of TANBs, crew efficiency, and operational availability.

Tuition-Free Environmental Courses Available to Coast Guard Personnel

Civil Engineer Corps Officers School (CECOS) sponsored courses are tuition free to Coast Guard personnel. The following environmental courses are available to all Coast Guard personnel. To sign up, go to:

<https://www.cecoc.navy.mil/schedule.cfm>.

ENVIRONMENTAL COMPLIANCE

Course	Dates	Location
<i>Air Quality Management</i>	Jun 4 – 8, 2007	Wright Patterson AFB, OH
<i>Environmental Protection (incorporates Final Governing Standards for Overseas Offerings)</i>	May 8 – 11, 2007	Washington, DC
	Jun 5 – 8, 2007	Hawaii
<i>Hazardous Waste Facility Operators</i>	Apr 9 – 13, 2007	Norfolk, VA
	April 23 – 27, 2007	Pearl Harbor, HI
	July 16 – 20, 2007	San Diego, CA
<i>Introduction to Hazardous Waste Generation and Handling</i>	April 2 – 4, 2007	Pensacola, FL
	April 2 – 4, 2007	San Diego, CA
	May 1 – 3, 2007	Quantico, VA
	May 8 – 10, 2007	Great Lakes, IL
	May 8 – 10, 2007	El Centro, CA
	May 8 – 10, 2007	Cherry Point, NC
	May 15 – 17, 2007	GITMO Bay, Cuba
	May 22 – 24, 2007	Gulfport, MS
	Jun 5 – 7, 2007	San Diego, CA
	Jun 13 – 15, 2007	Camp Lejeune, NC
	Jun 13 – 15, 2007	Norfolk, VA
	Jun 20 – 22, 2007	Meridian, MS
Jul 11 – 13, 2007	Silverdale, WA	

<i>Overseas Hazardous Waste Facility Operations</i>	Apr 2 – 5, 2007	Sasebo, Japan
	Apr 9 – 12, 2007	Okinawa, Japan
	Apr 10 – 13, 2007	Sigonella, Italy
	Apr 16 – 19, 2007	Okinawa, Japan
	Apr 16 – 19, 2007	Naples, Italy
	May 22 – 25, 2007	Rota, Spain
<i>Overseas Hazardous Waste Generator</i>	Apr 6, 2007	Sasebo, Japan
	Apr 13, 2007	Okinawa, Japan
	Apr 20, 2007	Okinawa, Japan
	Apr 20, 2007	Naples, Italy
	May 21, 2007	Rota, Spain
<i>Pesticide Applicator & Pest Control QA Eval Recert</i>	Jun 5 – 8, 2007	San Diego, CA
<i>RCRA Hazardous Waste Review</i>	Apr 5, 2007	Pensacola, FL
	Apr 5, 2007	San Diego, CA
	May 4, 2007	Quantico, VA
	May 11, 2007	El Centro, CA
	May 11, 2007	Cherry Point, NC
	May 11, 2007	Great Lakes, IL
	May 18, 2007	GITMO Bay, Cuba
	May 25, 2007	Gulfport, MS
	May 30, 2007	Port Hueneme, CA
	May 31, 2007	Port Hueneme, CA
	Jun 7, 2007	San Diego, CA
	Jun 8, 2007	Corpus Christi, TX
	Jun 12, 2007	Camp Lejeune, NC
	Jun 12, 2007	Norfolk, VA
	Jun 19, 2007	Meridian, MS
	Jul 10, 2007	Bremerton, WA
	Jul 25, 2007	Fallbrook, CA
	Jul 26, 2007	Seal Beach, CA
Jul 31, 2007	Pearl Harbor, HI	
<i>Water Quality Management</i>	Jul 16 – 20, 2007	Jacksonville, FL

ENVIRONMENTAL CONSERVATION

Course	Dates	Location
<i>Historic Preservation Law and Section 106 Compliance</i>	Apr 17 – 19, 2007	Tucson, AZ
<i>Introduction to Cultural Resource Management Laws and Regulations</i>	Jul 17 – 19, 2007	Shreveport, LA
<i>Natural Resources Compliance</i>	Jun 19 – 22, 2007	West Point, NY

ENVIRONMENTAL MANAGEMENT

Course	Dates	Location
<i>Advanced Environmental Law</i>	May 22 – 24, 2007	San Diego, CA
<i>Advanced Environmental Management</i>	Jun 11– 15, 2007	Washington, DC
<i>Basic Environmental Law</i>	Jun 19 – 21, 2007	Norfolk, VA
<i>Health & Environmental Risk Communication Workshop</i>	Apr 17 – 19, 2007	Charleston, SC
	May 22 – 24, 2007	Cherry Point, NC

ENVIRONMENTAL POLLUTION PREVENTION

Course	Dates	Location
<i>Buying Green: A Multifunctional Approach to Pollution Prevention</i>	Jun 26 – 27, 2007	Cherry Point, NC
<i>Pollution Prevention Program Operations and Management</i>	Apr 17 – 18, 2007	Web Conference
	May 15 – 16, 2007	Web Conference
	Jul 17 – 18, 2007	Web Conference

ENVIRONMENTAL RESTORATION

Course	Dates	Location
<i>Environmental Background Analysis</i>	Apr 17 –18, 2007	San Diego, CA
	May 1 – 2, 2007	Norfolk, VA
<i>Environmental Data Quality Assurance</i>	Jul 23 – 27, 2007	Norfolk, VA
<i>Environmental Geographic Information Systems/Geostatistics</i>	Jun 18 – 21, 2007	Norfolk, VA
<i>Human Health Risk Assessment</i>	May 15 – 17, 2007	San Diego, CA
	Jul 24 – 26, 2007	Norfolk, VA
<i>Munitions Response Site Management</i>	Jun 26 – 28, 2007	San Diego, CA
<i>HAZWOPER for Uncontrolled Hazardous Waste Site Workers (e)</i>	Apr 4 – 4, 2007	Norfolk, VA
	Apr 30 – May 4, 2007	Pearl Harbor, HI

<i>HAZWOPER for Uncontrolled Hazardous Waste Site Workers – Refresher (e)</i>	Apr 4, 2007	Norfolk, VA
	May 7, 2007	Pearl Harbor, HI
	May 8, 2007	Pearl Harbor, HI
	May 10, 2007	Silverdale, WA
	May 17, 2007	Charleston, SC
	May 18, 2007	Charleston, SC
	Jun 13, 2007	Port Hueneme, CA
<i>Optimizing Remedy Selection and the Site Closeout Process</i>	Jul 10 – 11, 2007	San Diego, CA

Interstate Technology & Regulatory Council (ITRC) Internet-Based Training Courses for April – November 2007

Course dates/times are subject to change.

Visit www.itrcweb.org for the most up-to-date information.

ITRC's Internet-based training courses are unique forums for the exchange of technical and regulatory information for environmental technologies and approaches. In conjunction with U.S. EPA's Technology Innovation Program, ITRC delivers training courses via the Internet to reach a geographically dispersed audience of regulators, consultants, and other members of the environmental community. You may participate in these training courses from the comfort of your own office or wherever your work takes you. The training sessions last two and a quarter hours, cover technical and regulatory information specific to environmental technologies and innovative approaches, and are supported by consensus-based ITRC guidance documents. Course registration opens at www.itrcweb.org (or directly at www.clu-in.org/studio/) four to six weeks prior to the course offering.

Cost: Sponsored by ITRC and EPA with no cost for the participant

Registration: <http://clu-in.org/studio/seminar.cfm>

Associated guidance documents: Available from www.itrcweb.org

If you have questions after completing the on-line registration, call ITRC at (402) 201-2419, or send an e-mail to training@itrcweb.org.

UPCOMING COURSE DATES (REGISTRATION OPENS FOUR TO SIX WEEKS IN ADVANCE)

<u>COURSE</u>	<u>DATE</u>	<u>TIME</u>
Planning and Promoting Ecological Land Reuse of Remediated Sites	4/24/07	2:00 PM – 4:15 PM EST
Vapor Intrusion Pathway: A Practical Guideline	5/8/07	2:00 PM – 4:15 PM EST
An Overview of Direct-Push Well Technology for Long-Term Groundwater Monitoring	5/17/07	11:00 AM – 1:15 PM EST
Risk Assessment and Risk Management: Determination and Application of Risk-Based Values	6/14/07	11:00 AM – 1:15 PM EST
An Overview of Direct-Push Well Technology for Long-Term Groundwater Monitoring	9/6/07	11:00 AM – 1:15 PM EST
Vapor Intrusion Pathway: A Practical Guideline	9/18/07	2:00 PM – 4:15 PM EST
Risk Assessment and Risk Management: Determination and Application of Risk-Based Values	10/18/07	11:00 AM – 1:15 PM EST
Planning and Promoting Ecological Land Reuse of Remediated Sites	11/15/07	11:00 AM – 1:15 PM EST

NOTE: Course dates are subject to change. Additional course topics and training dates may be added pending completion of training development in new topic areas. Check www.itrcweb.org throughout the year for the latest information.



THE COMMANDANT OF THE UNITED STATES COAST GUARD
WASHINGTON, D.C. 20593-0001

MAR 02 2007

The Commandant's Environmental Stewardship Commitment

The United States Coast Guard is recognized as America's Maritime Guardian. We have long been charged with enforcing the laws and regulations that protect our country's marine environment, responding to vessel pollution, and restoring waterways following a disaster. As Environmental Stewards, we make a commitment to the American public and to future generations, not only to protect the environment, but also to demonstrate these values in our organization.

To maintain the public's trust, the Coast Guard will incorporate environmental best practices in all we do. We will

Develop an organizational capability to disseminate best practices, reduce environmental liabilities, and help all units achieve and maintain environmental compliance;

Undertake the *Federal Electronics Challenge* for recycling computers and other electronics;

Increase the use of biofuels in our vehicle fleet by 15% over each of the next four years;

Utilize sustainable design principles so that 25% of new construction projects will meet Leadership in Energy and Environmental Design (LEED) standards by the end of my watch;

Fully implement Environmental Management Systems (EMS) at major Coast Guard industrial units by the end of my watch.

I challenge all Coast Guard units to improve the environment, and to reduce our environmental footprint. Do your part, wherever you are within the organization, to make environmental stewardship a Coast Guard core competency.

Semper Paratus,

A handwritten signature in blue ink, appearing to read 'T.W. Allen', written over a blue circular stamp.

T.W. ALLEN
Admiral, U.S. Coast Guard

ISEERB

ISEERB approval eliminates duplication in course development efforts by DoD components and maximizes the distribution of quality environmental training while reducing development and delivery costs. DOD/USCG employees should use ISEERB-approved courses to meet their environmental training needs.



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Environmental Training

About

Introduction

The Interservice Environmental Education Review Board (ISEERB) was instituted by the Interservice Training Review Organization (ITRO) in 1994. Due to constantly changing environmental laws and associated training, the ITRO appointed the ISEERB as a standing subcommittee to provide Department of Defense (DOD)/U.S. Coast Guard (USCG) components with cost effective and efficient environmental education and training.



ISEERB Approved Courses

"ISEERB Approved" is an endorsement given to environmental education and training courses that have been reviewed by subject-matter experts (SMEs) from DOD/USCG components. These courses have common content suitable for use by two or more components and utilize the most economical and effective delivery vehicle (e.g., on-site/off-site classroom instruction, video, interactive CDSROM, satellite, or a suitable combination).

Components Delivering ISEERB Approved Courses

Navy

School: Civil Engineer Corps Officers School (CECOS)
Web Address: www.cecos.navy.mil
POC: Ms. Nancy Watt 805S982S2383
E-mail: nancy.watt@navy.mil

Basic Environmental Law (AS4AS0058)

Introduction to Cultural Resource Management Laws & Regulations (AS4AS0070)

Historic Preservation Law and Section 106 Compliance (AS4AS0073)

Health and Environmental Risk Communication Workshop (AS4AS0072)

Natural Resources Compliance (AS4AS0087)

Environmental Negotiation Workshop (AS4AS0067)

Human Health Risk Assessment (AS4AS0078)

Ecological Risk Assessment (AS4AS0081)

Uniform Federal Policy for Quality Assurance Project Plans (AS4AS0095)

Environmental Quality Sampling (AS4AS0026)

Navy

School: Naval Occupational Safety and Health, and Environmental Training Center
Web Address: <http://safetycenter.navy.mil/training/default.htm>
POC: Tom Fleming 757S445S8778 ext. 337
E-mail: tom.fleming@navy.mil

Asbestos Inspector (AS493S0014) and Refresher (AS493S0015)

Asbestos Management Planner (AS493S0019) and Refresher (AS493S0015)

Asbestos Supervisor Initial (AS493S0069) and Refresher (AS493S0070)

Environmental Quality Sampling (B3AZY4BUX1S002)



Defense Logistics Agency (DLA)

School: DLA Training Center (DTC)
Web Address: www.hr.dla.mil
POC: Ms. Lisa Eaton 614S692S5969
E-mail: lisa.eaton@dla.mil

Transportation of Hazardous Material/Hazardous Waste (HM/HW) for DOD (DCPSO00R510) and Refresher (DCPSO00R610)

Buying Green: A Multifunctional Approach to Pollution Prevention (DCPSO00R750)

Army

School: Army Logistics Management College (ALMC)
Web Address: www.almc.army.mil
POC: ALMC's Registrar 804S765S4120
E-mail: Martha.Spurlock@us.army.mil

Defense HM/HW Handling Course (ALMCSHA) and Refresher (ALMC-DM)

School: Professional Development Support Center (PDSC)

Web Address: <http://pdsc.usace.army.mil/>
POC: Ms. Sherry Whitaker 256S895S7425
E-mail: sherry.m.whitaker@hnd01.usace.army.mil

Environmental Laws & Regulations (170)

Hazardous Waste Management Manifesting/DOT Certification (C223) and Recertification (429)

CERCLA/RCRA Process (356)



Coast Guard

School: United States Coast Guard (USCG)
Web Address: N/A
POC: LT Damon Sanders (CG-3RPE) 202S372S2151
E-mail: Damon.C.Sanders@uscg.mil

Coast Guard On-Scene Coordinator Crisis Management (OSCCM MS 523)

Air Force

School: Air Force Institute of Technology (AFIT)
Web Address: www.afit.edu/cess
POC: Ms. Teri Slaton 937S255S5654 ext. 3507
E-mail: teri.slaton@afit.edu

Air Quality Management (ENV 531)

Environmental Compliance Assessment (ENV 020)

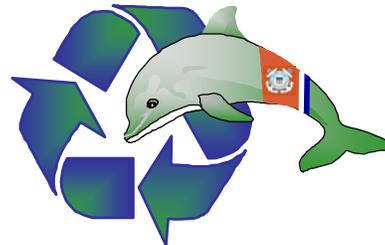
Pollution Prevention Program Operations and Management (ENV 022)

Water Quality Management (ENV 541)





Homeland Security



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<p><i>This publication is distributed in electronic format only. If you would like to be added to the electronic mailing list, please contact Martin Nguyen.</i></p>		

The Environmental Times is a quarterly publication designed to keep Coast Guard personnel apprised of environmental issues impacting Coast Guard facilities, operations, planning, and policy making. We encourage you to share your stories and successes as environmental stewards.