



Regional Advisory

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EPA Y2K Enforcement Policy

The U.S. Environmental Protection Agency (EPA) issued a Y2K Enforcement Policy, 64 FR 11881, on 30 November 1998. The policy is designed to encourage prompt testing of computer-related equipment to ensure that environmental compliance is not impaired by the Y2K computer bug.



Under the policy, located at (<http://www.epa.gov/year2000>), the EPA stated its intent to waive 100% of the civil penalties that might otherwise apply. EPA intends to recommend against criminal prosecution for environmental violations caused during specific tests designed to identify and eliminate Y2K-related malfunctions.

The policy clarified that relief is limited to testing-related violations disclosed to EPA by 1 February 2000 and subject to certain conditions. These conditions include:

- the need to design and conduct the tests well in advance of the dates in question,
- the need to conduct the tests for the shortest possible period of time necessary,
- the need to correct any testing-related violations immediately,
- and other conditions to ensure that protection of human health and the environment is not compromised.

This notice publishes the entire policy for the first time in the Federal Register. The notice incorporates several minor revisions clarifying the policy in response to public comment. This newly published policy contains no major

changes to the eligibility criteria announced on 30 November 1998. For further information, contact Gary Jonesi, U.S. EPA, Office of Regulatory Enforcement, (202) 564-4002, e-mail: jonesi.gary@epa.gov.

Toxic Release Inventory Update

Executive Order 12856 requires federal facilities to comply fully with requirements of the Emergency Planning and Community Right-to-Know Act (EPCRA), including Toxic Release Inventory (TRI) reporting.

TRI Form R reports are due to EPA July 1, 1999, for calendar year (CY) 1998 information. Installations should be working on threshold calculations and release information if necessary.



EPCRA compliance and TRI reporting should be taken seriously. This past year, math errors on the Form Rs made it difficult to compile data at both the Navy and DoD levels. Additionally, EPA has re-

cently issued some Notices Of Violation (NOVs) for EPCRA violations at military bases.

In 1998 DoD issued guidance requiring TRI reporting for munitions activities. The Navy distributed guidance in June 1998. Beginning in CY99, munitions activities including production and demilitarization of munitions and munitions related items, are covered under EPCRA. The issued guidance discusses application of EPCRA to range operations.

The DoD is developing a draft policy that will address several major issues including explaining how a range can be considered a "facility" under EPCRA. The policy will explain the range employee threshold for reporting releases, what constitutes "other use" and "manufacture" on the range, and when ranges would be exempt from EPCRA TRI reporting.

For ease of calculation, DoD is assuming that all munitions function as intended. According to Eric Spillman of the DoD Environmental Quality Office, "TRI is going to serve some good purposes for us. . . We're going to be able to show what we're doing on our ranges. Having such data would be the first step in refuting regulators' claims that range activities are threatening the environment."

(Source: CNO Feb 99 Newsletter; Defense Environmental Alert)

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"Contaminant Source Index"

Facility Response Plan Requirements

The U.S. Environmental Protection Agency (EPA) has proposed to amend the Facility Response Plan (FRP) requirements in the Oil Pollution Prevention and Response regulation, found at 40 CFR Part 112 (64 FR 17227, April 8, 1998). The proposed rule will provide a more specific methodology for planning response resources that can be used by owners or operators of facilities that handle, store, or transport animal fats and vegetable oils.

In addition, EPA is providing an advance notice for similar proposed revisions to the Spill Prevention, Control, and Countermeasure Plan requirements, also found at 40 CFR Part 112.

The federal register is available at <http://www.epa.gov/fedrgstr/EPA-WATER/1999/April/Day-08/w8275.htm>. For more information on this federal register or other Hotline program area questions, contact the RCRA, Superfund & EPCRA Hotline. The Hotline is available at:

(800) 424-9346 -- Toll Free
 (703) 412-9810 -- Metropolitan DC area and international calls
 (800) 553-7672 -- Toll Free TDD
 (703) 412-3323 -- Metropolitan DC area and international TDD calls

(Source: EPA OSWER, Listserve)
 he April 1999 revised version of EPA's Risk Management Program Guidance for

Risk Management Program Guidance Available

Offsite Consequence Analysis is now available at www.epa.gov/ceppo/ap-ocgu.htm.

This latest version represents the most up-to-date thinking on the subject, and has been technically reviewed by experts outside of EPA. Although it replaces the previous Offsite Consequence Analysis Guidance, if you have prepared your RMP using the previous guidance, you do not need to revise it based on this new guidance. This revision incorporates several new features:

- chemical-specific modeling for ammonia, chlorine, and sulfur dioxide,
- temperature correction factors for calculations involving evaporating liquids
- step-by-step procedures and worksheets to assist users,
- additional worked examples, and format changes.

Differences between the previous OCA Guidance and this new OCA guidance are contained on the errata page.

(Source: EPA OSWER, Listserve)

Clean Air on DENIX

The Clean Air Act (CAA) Services Steering Committee (SSC) has established a website on DENIX. You can find the site at <http://www.denix.osd.mil/denix/DoD/Working/CAASSC/caassc.html>.

The SSC site is organized with several different categories.

- "About the CAA SSC" is a summary of the SSC purpose and activities.
- "SSC Documents" contains the SSC Charter, meeting minutes, points of contact, and comments on EPA rules.
- "What's New" describes current issues.
- "SSC Subcommittees/Technical Subject Areas"
- "Calendar of Events" contains links to EPA's CAA update on upcoming rules and regulations.
- "Policy/Guidance" includes documents prepared by the services.
- "Clean Air Act Reference Material" includes links to the U.S. Code and EPA's Plain English Guide to the CAA.
- "Links to Related Sites".

(Source: DENIX)



ECO-Maynia

Marine Corps Base, Camp Lejeune Environmental Management Department (EMD) celebrated Earth Day by hosting the Eco-Maynia Festival on 1 May 1999. EMD and Marine Corps Community Services (MCCS) worked together to promote an environmentally friendly event.

State exhibitors included:

- Hammock's Beach State Park,
- the North Carolina Division of Pollution Prevention and Environmental Assistance,
- Coastal Carolina Community College

County exhibitors included:

- Onslow Clean County

Base exhibitors included:

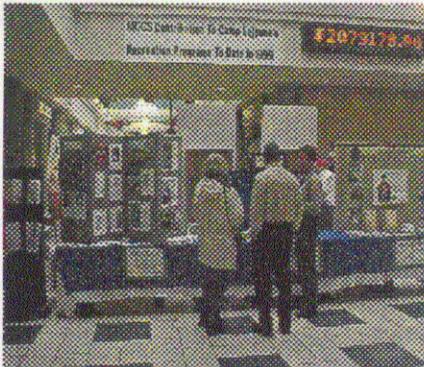
- Camp Lejeune schools,
- the EMD Divisions,
- Camp Lejeune Base Housing,
- the Boy Scouts

Private exhibitors included:

- Carolina Power and Light

Exhibits and informational displays covered the entire environmental spectrum. MCCS printed promotional materials on recycled content paper and staff T-shirts were made of fiber from recycled plastic soda bottles.

(Source: Marine Corps Base, Camp Lejeune, EMD)

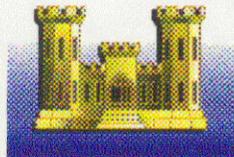


Guidance Available for Air-Based In-Situ Remediation Technologies

The Army Corps of Engineers is completing the last of three detailed guidance documents on innovative in-situ technologies that use air to remediate subsurface contamination. The Multi-Phase Extraction (MPE) Engineer Manual (EM) will soon join the Soil Vapor Extraction/ Bioventing (SVE/BV) EM and the In-Situ Air Sparging (IAS) EM as available design and operation guides.

The SVE/BV and IAS manuals are currently available at <http://www.usace.army.mil/inet/usace-docs/eng-manuals/> in Adobe Acrobat (pdf) format and MPE EM will also be available at the same site later in 1999.

(Source: Fielding Environmental Solutions, March 99)



Pollution Prevention Spill Kits

The Fort Campbell Pollution Prevention Operation Center (PPOC) has developed kits for cleaning chemical and hazardous material spills at significantly lower cost than fully assembled commercial kits. The Fort Campbell kits achieve these cost savings by using materials available through the supply system.

A 55-gallon spill kit can be assembled for about \$179—much less than the \$518 cost of a commercially available kit. A 30-gallon spill kit costs

"Invasive Species" Executive Order Signed

President Clinton signed the "Invasive Species" Executive Order (EO) 13112 on February 3, 1999. The objective of the EO is to prevent the introduction of invasive species, provide for their control, and minimize the economic, ecological, and human health impacts that invasive species cause.



The EO directs Federal agencies to use their authorities to prevent the introduction of invasive species and to control, monitor and restore native species. It also establishes a Federal



Interagency Invasive Species Council, co-chaired by the Secretaries of Interior, Agriculture, Commerce and includes Departments of State, Treasury, Defense, Transportation and EPA as members.

Many Department of Defense (DoD) and Navy programs currently address the EO's requirements through prevention and control of invasive species. The DoD's Armed Forces Pest Management Board is an excellent source of information regarding non-native, exotic and alien species and noxious weeds.

\$108—compared to \$335 for an equivalent commercial version. Users can replace individual kit parts as necessary, resulting in further savings.

The kits are well-suited for motor pools, aviation hangars, and even tactical vehicles in field environments. For more information on the Fort Campbell Spill Response Kits contact Al Caldwell, the Fort Campbell Environmental Division PPOC Manager, at DSN 635-9780 or (502) 798-9780.

(Source: EPA Listserve)

DoD Environmental Awards Announced

Winners of the Secretary of Defense Environmental Security Awards for Fiscal Year 1998 were recognized at the Pentagon on 27 April.

Congratulations to the following Region IV Marine Corps Winners!

DoD Winner:

- Marine Corps Base, Camp Lejeune: Recycling (Non-Industrial Installation)

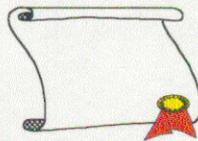
Honorable Mentions:

- Marine Corps Recruit Depot, Parris Island: Cultural Resources Management (Installation);
- Marine Corps Base, Camp Lejeune: Environmental Quality (Non-Industrial Installation); and - Marine Corps Air Station, Cherry Point: Pollution Prevention (Industrial Installation) and Environmental Cleanup (Installation).

Installation award submissions are available on DENIX at <http://www.denix.osd.mil/>.

On the DENIX homepage, click on "[Winners and Honorable Mentions for the Secretary of Defense Environmental Security Awards for FY 1998](#)". The next page will display all the **Winners** (in green) and the **Honorable Mentions** (in blue). Click on any installation name to link to its award submission.

(Source: DENIX Website)



US Army Corps Develops new Hazardous, Toxic and Radioactive Waste Guidance

In 1998, the US Army Corps of Engineers developed new Hazardous, Toxic and Radioactive Waste (HTRW) guidance documents. The following documents are available at <http://www.hnd.usace.army.mil/techinfo/rcegs/cegstoc.htm>

- Corps of Engineer Guide Specifications for Construction (CEGS) 02111,
- Excavation & Handling of Contaminated Material; CEGS 02160,
- Solidification/Stabilization of Contaminated Material; CEGS 02191,
- Bioremediation of Soils Using Windrow Composting; and
- CEGS 11226, "Vapor Phase Activated Carbon Adsorption Units

The following documents are located on the World Wide Web at <http://www.usace.army.mil/inet/usace-docs/eng-manuals/em.htm>

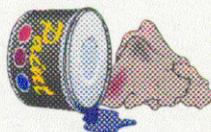
- USACE Engineering Manual (Em) 200-1-2, "Technical Project Planning

Process";

- EM 200-1-6, "Chemical Quality Assurance for HTRW Projects";
- ER 1110-1-263, "Chemical Data Quality Management for HTRW Remedial Activities
- EM 200-1-5 "Design, Installation, and Utilization of Fixed Fenceline Sample Collection and Monitoring Systems".
- ER 1110-1-16 "Procedures for Establishing and Maintaining a Restoration Advisory Board

For further information contact: Walt Deane; USACE HTRW CX; (402) 697-2617; e-mail walter.c.deane@usace.army.mil.

(Source: Fielding Environmental Solutions and EPA Listserve)



Closing the Circle Awards

Winners of the 1999 White House *Closing The Circle Awards* were announced in April.

Award categories included: Model Facility, Sowing the Seeds of Change, Waste Prevention Hazardous Waste, Recycling Non-Hazardous Waste, Recycling Hazardous Waste, Affirmative Procurement, Environmental Preferability, and the Executive Order 12856 Individual Challenge.

Marine Corps Base, Camp Lejeune's Environmental Compliance Division was selected as the Waste Prevention Hazardous Waste team award winner. Camp Lejeune's award submission focused on the Base's Waste Prevention Achievements.

For more information contact Sammy Gwynn, Director, Environmental Compliance Division, at DSN 751-5837 or (910) 451-5837.

1999 Region IV EPA/DoD/CFA/States Environmental Conference

This year's conference will be held at the Atlanta Colony Square Hotel on June 29, 30 and July 1, 1999. The conference registration Fee is \$120.

The conference's theme is "Compliance in Y2000 and Beyond". Invitations, registration, directions, agenda, etc., have been mailed. A 4-hour training session on the Munitions Rule will be conducted on the morning of the first day of the conference.

Conference Contacts are: Richard Wolff, Conference Coordinator (904) 542-2992; David Holroyd, EPA Coordinator, (404) 562-9625; Southern Regional Environmental Office (404) 347-1570.

Drinking Water "Contaminant Source Index"

The United States Environmental Protection Agency is drafting a comprehensive index of drinking water contaminants and contaminant sources. The drinking water "contaminant source index" is a tool for states to conduct source water assessments and mapping required under the Safe Drinking Water Act (SDWA). The index will also help the public identify potential threats to its drinking water.

The contaminant source index consists of two parts—the list of contaminants and a list linking these contaminants to potential sources.

The index includes:

- regulated contaminants,
- contaminants for which guidelines for taste and odor have been set,
- and other contaminants of concern, including those on U.S. EPA's "contaminant candidate list".

The potential source index is grouped into commercial/industrial, residential/municipal, and agricultural/rural categories. The potential source index provides:

- an alphabetical list of contaminant sources and,
- contaminants that are likely to be used, generated, disposed, or stored at that source.

Find the index and a list of potential sources at

<http://www.epa.gov/OG>

[WDW](http://www.epa.gov/OG) under "What's New" on the World Wide Web. For further information contact: Betsy Henry; U.S. EPA: (202) 260-2399; e-mail:

henry.betsy@epa.gov.

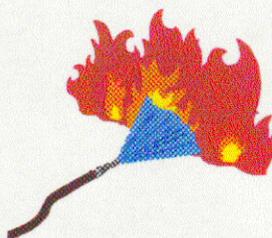
(Source: EPA Listserve)

Navy's HFC-125 System- A Substitute For Halon 1301

On 19 Nov 98, the Naval Air Warfare Center Aircraft Division (NAWCAD)

briefed the International Aircraft Fire and Cabin Safety Research Conference on its new engine

nacelle fire suppression system design for the F/A-18E/F. This new HFC-125 system design outperforms the Halon 1301 system used on previous F/A-18 models.



Alternative fire suppression systems are needed to replace the use of Halon 1301. Current regulations prohibit further production of Class I Ozone Depleting Substances (OSD's) such as Halon. Executive Orders have directed Federal Agencies to maximize the use of safe alternatives.

The new agent distribution system, optimized for the F/A-18E/F engine nacelle, is the key to the success of the new design. With the optimized distribution system, the Navy found that HFC-125 is at least as effective as Halon 1301 at extinguishing engine nacelle fires, is more effective at preventing re-ignition, and uses only one-half pound more agent than the former Halon 1301 system.

Results of the Navy's HFC-125 System evaluation included the following:

- HFC-125 is a retrofit or new installation option-it is not a drop in replacement
- Plumbing must be optimized
- Even better retrofit opportunities exist on Helicopters and other cross-plumbed systems
- Coupled bottles for single discharge
- HFC-125 systems met and exceeded the Halon performance
- Several systems had no re-light, unlike the Halon system

The Navy plans to use this optimized HFC-125 engine nacelle fire suppression system on new production F/A-18E/F Superhornets. FA-18 A/B/C/D systems are being looked at for retrofit opportunities.

For further information, contact: Mr. Bill Leach NAWCAD at (732) 323-1184

(Source: Fielding Environmental Solutions Feb 1, 1999 Message 18)

Region IV DoD P2 Partnership Listserve

The Region IV DoD Pollution Prevention Partnership has established a listserv to promote discussion among pollution prevention technical assistance providers. It focuses on topics and events of common interest and enhances communication among states. The listserv provides all information free of charge.

The DoDP3 Listserv is best used for asking unique questions such as "is there anyone out there who has a background in X and could help explain X or does anyone know about the new requirement X that will occur X". Please don't use the Listserv to send meeting minutes, routine publications, etc.

To subscribe to the list go to the listserv subscription page at www.p2pays.org/DODp3. You will receive a confirmation message after your subscription is successful. John Calcagni (John.Calcagni@p2pays.org) can answer any questions concerning the DoDp2 listserv or the subscription process.

(Source: www.p2pays.org/DODp3)

National Town Meeting for a Sustainable America

The National Town Meeting for a Sustainable America was held May 2-5 in Detroit Michigan. Over 3000 people attended, including Vice President Gore and top level officials from government agencies and industry.



Events included keynote speeches, exhibits, discussion panels and over 140 learning sessions—all on the topic of making America sustainable.

The Marine Corps Region 4 Environmental Coordination Office and the North Carolina Department of

Environment and Natural Resources cooperatively presented a learning session. The Department of Defense (DoD) and the State of North Carolina are involved in a collaborative partnership to discuss and resolve environmental issues resulting from military operations. This partnership, known as the State-Military Environmental Issues Working Group (SMEIWG), served as the model for the learning session.

The main partners in the SMEIWG are representatives from the North Carolina Department of Environment and Natural Resources and from each DoD installation. DoD participants include Fort Bragg, Marine Corps Base Camp Lejeune, Seymour Johnson Air Force Base, Pope Air Force Base, Marine Corps Air Station New River, Marine Corps Air Station Cherry Point,

as well as the Army National Guard. Other state participants include representatives from the North Carolina Departments of Commerce and Transportation, and from the Office of the Governor.

Underlying principles that have made the SMEIWG collaborative partnership successful include:

- Developing a structure and process that allows for transfer of information and resolution of the issues
- Developing individual relationships to foster cooperation and honesty
- Incorporating upper management support
- Maintaining flexibility
- Creating and utilizing working subcommittees
- Defining expected results

Other organizations will be able to use the lessons we have learned in North Carolina to initiate successful partnerships. Steps to initiating a collaborative working group are:

- Identifying relationships in need of expanded communication
- Conducting a benefit analysis in which required commitments are compared to expected benefits
- Making initial contacts to identify interested parties within each organization
- Completing a joint scoping process to brainstorm issues, structure, process, and participants
- Making commitments necessary to ensure the success of the partnership

(Source: USMC Region IV Env. Coordination Office)



Upcoming Conferences and Events

<u>Date</u>	<u>Event</u>	<u>Location</u>
8 - 9 June	Environmental Restoration Users Conference	Charleston, SC
8 - 11 June	FL P2 Conference	Jacksonville, FL
23 June	GA P2 Meeting	Columbus, GA
29 June - 1 July	EPA/DoD/CFA/State Conference	Atlanta, Ga
29 June - 1 July	Navy/Marine Corps Clean Air Act Conference	New Orleans, LA
21 - 22 July	DoD ISO Pilot Project Meeting	Eglin AFB, FL
27-28 July	Navy P2 Conference	Arlington, VA
20-23 Sept.	Southern States Environmental Conference	Biloxi, MS
27-29 Sept.	Joint Services Recycling Conference	Cincinnati, OH

The Regional Advisory is prepared quarterly by the Federal Region 4 Marine Corps Regional Environmental Coordination Office. Article submissions are welcomed. If you have ideas or experience that contribute to environmental excellence, contact the office at (910) 451-9113 or DSN 751-9113, fax (910) 451-9114 or by e-mail at