



U.S.C.G. ENVIRONMENTAL TIMES

Issue 00-3

3rd Quarter 2000



AFFECTING YOU

America Recycles Day 2000

Poster Contest

The fourth annual America Recycles Day (ARD), with the theme *"For Our Children's Future...Buy Recycled Today,"* is November 15, 2000. A poster contest is being conducted this year and there will be one grand prize winner plus 12 individual winners. Winning posters will be featured in the America Recycles Day 2001 Calendar. Students in Grades K through 12 are invited to interpret the theme in an original poster. Entries must be postmarked by October 15, 2000.

There is no registration fee for entering the contest. You may enter as many posters as you want. Only K to grade 12 students from the immediate family of Government employees or Government contractors are eligible to participate. The posters must convey the theme, *"For Our Children's Future...Buy Recycled Today."* The name/address and phone number should be on the back of the drawing and it must be signed by a parent or guardian.

The "Environmental Times" (*E-Times*) is designed to help you keep up with environmental information relevant to your job. The "Environmental Times" is provided for informational purposes only and does not necessarily reflect official Coast Guard policy. We encourage you to write the editor with questions, comments, or input for this publication. Contact Ellen Rosen at Potomac Management Group, Inc., (703) 836-1037 or e-mail erosen@potomacmgmt.com, or Martin Nguyen at Coast Guard headquarters, (202) 267-2342 or e-mail mnguyen@comdt.uscg.mil.

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Editorial Policy: "U.S.C.G. Environmental Times" articles cover the entire range of environmental issues that may confront CG facilities, operations, project or activity planning, and policy making. The articles are intended to be brief, so they often provide a point of contact for further information. Suggestions for articles are welcome. Articles submitted may be edited for brevity.

Electronic and paper "Environmental Times" distribution includes HQ offices, MLCs, CEUs, FDCCs, independent HQ units, various district offices, and other units as requested.

Posters must be submitted to: Federal Environmental Executive/White House Task Force on Recycling; MC 1600S; Ariel Rios Building; 1200 Pennsylvania Avenue, NW; Washington, DC 20460. An entry form is available on the back of this newsletter.

As in previous years, G-SEC-3 supports ARD and encourages Headquarters and field units to promote ARD in their locations. The following techniques may be helpful:

- Focus on closing the recycling loop by recycling, reusing, and buying products containing recyclable materials.
- Erect a display booth in Federal building lobbies showing procured items made from recycled materials.
- Display posters in office areas and lobbies; promote ARD in newsletters and publications.
- Hold a recycling event. For example, announce the addition of a new material to your recycling collection or procurement program.
- Conduct a shore cleanup on a nearby waterway.

Enter the American Green Dream House Contest



As part of the America Recycles Day, participants also can enter a national contest for the "AMERICAN GREEN DREAM HOUSE". Built primarily with recycled-content materials, this house is valued at more than \$200,000. Winners are chosen biennially; the next winner will be chosen in a random drawing December 15, 2000, from entries submitted by individuals who voluntarily pledge to recycle and buy recycled. A drawing for Youth Prizes will be held December 15, for child entrants' families. Prizes include 25 remanufactured computers for donation to the winner's preferred school, a computer for the winner's own use, and a trip for four to Walt Disney World Resort.

ARD's home page is www.americarecyclesday.org. Obtain the American Green Dream House contest postcard at http://ardpledge.tteam.com/pledge/Entry_Postcard2.cfm or mail your entry below, to America Recycles Day Contest, c/o BuyRaman.Com, PO Box 10807, Chantilly, VA 20153-0807.

**AMERICAN GREEN DREAM HOUSE CONTEST
ENTRY POSTCARD**

For America Recycles Day, I will (select at least one):

- buy more recycled-content products.
- increase my recycling efforts at home and work.
- other recycling-related effort (describe below).

First Name: _____ [required]

Last Name: _____ [required]

Organization/Business: _____

Address 1: _____

Address 2: _____

City: _____ State: _____

Zip: _____ [required] County: _____

Daytime Phone: _____ [required]

Check here if you are under the age of 18

One entry per person for 2000. No purchase necessary. Your name and address will be kept confidential. Deadline for receiving entries is November 20, 2000.

Environmental Protection Awards for 2000
Submitted by Ken Malmberg, G-SEC-3

This year there will again be three environmental protection awards for nomination of individuals or units in the U.S. Coast Guard. Each award category is being expanded this year. Below are brief notes about each one, which will be more fully explained in subsequent issues of the *Environmental Times*.

- USCG Environmental Stewardship Award**—This was known as the P2 award for the last five years. Criteria will expand to include NEPA, cultural and historical resources, and other categories. Closing date: 28 February 2001.
- DOT Environmental Excellence Award**—Last year was the first year for this award, and this year additional criteria will include P2, education/outreach, life cycle assessment/environmental cost accounting, and Environmental Management Systems (EMS). Closing date: 15 December 2000.
- White House Closing the Circle Award**—This is the sixth year of the program, and the criteria are the same as the DOT environmental award discussed above. (Winners of the DOT award are automatically nominees for the White House award.) Closing date: 31 January 2001.

For additional information on these awards contact Dr. Ken Malmberg (G-SEC-3), at Tel.: (202) 267-6214, Fax: (202) 267-4219, or e-mail: kmalmberg@comdt.uscg.mil.

Coast Guard Accepting Applications for Benkert Marine Environmental Protection Award *Submitted by LT Mike Pittman, G-MOR-2*

The Coast Guard is accepting applications until November 15 for the biennial William M. Benkert Marine Environmental Protection Award, which recognizes marine vessel and facility operators' environmental excellence and achievement in maritime operations.

Named in honor of Rear Adm. William M. Benkert (1923-1989), a distinguished Coast Guard officer known for his leadership and vision in marine environmental protection, the awards are presented for outstanding marine environmental protection achievements extending beyond compliance with industrial and regulatory standards. The objectives of the awards are to:

- Increase public awareness of the importance of protecting the marine environment;
- Encourage adherence to the International Standards Organization's international environmental management system methods;
- Encourage innovations in operations, maintenance, cargo handling, waste management, training, and other industrial activities; and
- Provide a means for winners to share their successful methods and techniques with others in the industry.

The awards are based on company size and type of operations, and organizations will be evaluated in four award categories:

- (1) environmental management precepts and practices;
- (2) management practices, activities, programs, and services;
- (3) outreach and partnership activities; and
- (4) ability to measure and monitor environmental performance.

Winners will be announced in the spring of 2001, and the awards will be presented that summer at a location to be announced later. For information on the program, write Commandant (G-MOR-1), Office of Response, U.S. Coast Guard, 2100 Second Street, SW, Washington, DC 20593-0001; or fax it to (202) 267-4085.



NEWS YOU CAN USE

Coast Guard Environmental Forum 2000

Do you need to receive the latest information on the direction of the Coast Guard's Environmental Management Program and develop interagency contacts? Attend the U.S. Coast Guard Environmental Forum 2000 on November 14-16, 2000 in Alexandria, VA. The theme of this year's environmental forum is "greening the USCG through strategic environmental management." It is designed to enable USCG units to share their successes, lessons learned and proven strategies in the areas of environmental management, operation and procurement of USCG facilities, and find out the latest on the "Greening" Executive Orders.

The forum will cover such topics as Environmental Management, Pollution Prevention, Environmental Planning, Procurement, Hazardous Materials Management, Hazardous Waste Management, and Solid Waste Management. Anyone responsible for USCG environmental tasks related to operational or administrative support such as HW/HM management, planning, acquisition or maintenance would benefit from the information provided at the forum.

The forum will be held at the Embassy Suites in Historic Old Town Alexandria. Point of contact for information is T.J. Granito at (202) 267-1941, e-mail tgranito@comdt.uscg.mil, or refer to the EMD website: www.uscg.mil/systems/gse/gsec-3H.htm

Chesapeake Bay Unified Plan

The Coast Guard Office of Civil Engineering (G-SEC) recently provided an update to the Environmental Protection Agency on the Chesapeake Bay Unified Plan of November 1998, specifically addressing the nutrient management plans for the larger Coast Guard facilities located on the Bay. The Coast Guard reported the following improvements:

- **Coast Guard Yard, Baltimore, MD** has dramatically improved its fertilizer application methods by switching to a licensed applicator, by using liquid solutions, by testing soil on-site, and by conducting seasonal-specific applications. By switching from granular to liquid solutions, run-off has been reduced by 75% and the amount of fertilizer used has been reduced.
- **Integrated Support Command, Portsmouth, VA** this year began using a trained contractor to apply fertilizer resulting in better control and management of fertilizers. Also, within the last few years, vehicle wash rack discharges have been connected to municipal sewers.

- ❑ **Training Center Yorktown, VA** has also reduced fertilizer use over the last two to three years to an annual level of 2,500 pounds, representing a significant decrease. A low phosphorous 27-3-5 (nitrogen, phosphorous, potash) mixture is used with an optimal three pounds of nitrogen per 1,000 square feet. To reduce run-off further, application is no longer performed near the water.

Future plans for nutrient management at eight smaller USCG facilities on the Bay include:

- ❑ phosphate free detergents;
- ❑ low phosphorous fertilizers;
- ❑ cease applications near the water, storm drains or catch basins;
- ❑ use liquid fertilizers where feasible;
- ❑ use of licensed and trained applicators;
- ❑ limit vehicle washing to washracks equipped with oil/water separators, and
- ❑ discharge into municipal treatment facilities where feasible.



ON BOARD

Coast Guard Yard Baltimore and ISO 14001

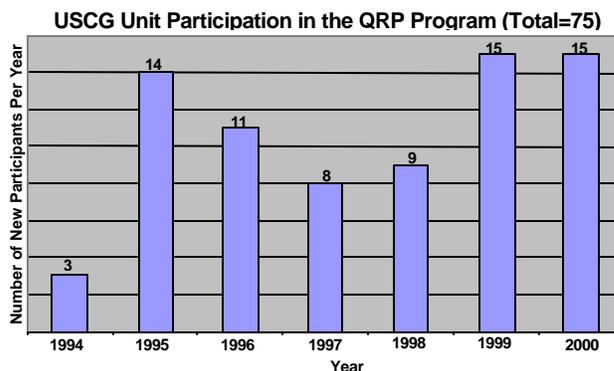
Coast Guard Yard Baltimore has become the first organization in the U.S. Coast Guard to achieve ISO 14001 certification. The shipyard attained this success after completing an intense examination of its environmental management system. ISO 14001 certification ensures the Yard's compliance with environmental regulations and commits the shipyard to continually improve its environmental performance.

The ISO 14001 Standard requires that an organization's management system incorporate a process of continual improvement. Historically, most organizations around the world have implemented environmental controls because of a potential for fines, penalties, litigation, and other regulatory reasons. ISO 14001 has enabled the Yard to improve many day to day operations. For example, it has improved management of stormwater issues and ISO 14001 has helped the Yard formulate policies for labeling of drums.

Qualified Recycling Plans

A total of 15 Qualified Recycling Plans (QRPs) have been approved in fiscal year 2000, and are listed below. A total of 75 USCG units now have approved QRPs. For more information contact Ken Malmberg (G-SEC-3), at (202) 267-6214.

1. USCGC Frank Drew (WLM 557)
2. USCG ANT Southwest Harbor, ME
3. USCG ANT Moriches, NY
4. USCGC Diligence (WMEC 616)
5. ISC Alameda
6. USCGC Grand Isle (WPB 1338)
7. USCG Group Ft. Macon
8. USCGC Mobile Bay (WTGB 103)
9. USCGC Gallatin (WHEC 721)
10. USCG Southeast Regional Fisheries Center
11. USCGC William Tate (WLM 560)
12. USCGC Jefferson Island (WPB 1340)
13. USCGC Aquidneck (WPB 1309)
14. USCGC Bainbridge Island (WPB 1343)
15. USCGC Farallon (WPB 1301)



Recycling Antifreeze

In accordance with Executive Order 13101 and the Environmental Protection Agency's Comprehensive Procurement Guidelines, the U.S. Army Tank-Automotive and Armaments Command is promoting the procurement and use of recycled antifreeze in all military ground vehicles.

Commercial Item Description (CID) A-A-52624, "Antifreeze, Multi-Engine Type," describes fully formulated engine coolant, whether recycled or virgin, suitable for use in all military ground vehicles. Both ethylene glycol (EGAF) and propylene glycol (PGAF) types of antifreeze are available under CID A-A-52624.

The Coast Guard office has thoroughly tested and evaluated recycled antifreeze and has found it to be acceptable for use when meeting the above indicated CID requirements. The installations have the option of recycling antifreeze in-house using an acceptable recycling machine, establishing a service contract for off-site antifreeze recycling, or procuring recycled antifreeze from Defense Supply Center Richmond using NSN's provided below:

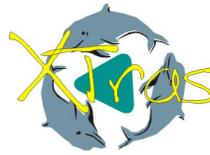
CID Size Type	Glycol Type and Level	NSN (CID A-A-52624)	Container
I	EGAF 100%	6850-01-464-9125	One Gallon Drum
I	EGAF 100%	6850-01-464-9137	Five Gallon
I	EGAF 100%	6850-01-464-9152	55 Gallon
IP	EGAF 60%	6850-01-464-9266	One Gallon
IP	EGAF 60%	6850-01-464-9263	Five Gallon
IP	EGAF 60%	6850-01-464-9096	55 Gallon Drum
II	PGAF 100%	6850-01-464-9131	One Gallon Drum
II	PGAF 100%	6850-01-464-9107	Five Gallon
II	PGAF 100%	6850-01-464-9124	55 Gallon Drum
50/50	EGAF 50%	6850-01-471-6530	One Gallon Drum
50/50	EGAF 50%	6850-01-471-6534	Five Gallon Drum
50/50	EGAF 50%	6850-01-471-6521	55 Gallon Drum

If the above NSN products are not available, procurement of virgin antifreeze products is authorized. However, military users are encouraged to utilize recycled antifreeze in preference to virgin antifreeze. IOC for the above action is Ms. Maria Goetz at 810-4219, DSN 786-4219, or e-mail goetzm@tacom.army.mil.

The Buzz On “Bees” – Green Building Products Software

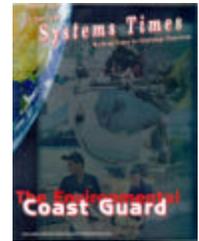
Building for Environmental and Economic Sustainability (BEES) 2.0 is a software tool that helps in the selection of cost-effective, green building products. Aimed at designers, builders, and product manufacturers, BEES 2.0 is based on standards agreed to by the EPA, industry, and public interest groups. Version 2.0 includes actual environmental and economic performance data for over 65 building products, twice as many as BEES 1.0. The National Institute of Standards and Technology developed this software package, with support from the EPA’s Environmentally Preferable Purchasing Program and HUD’s Partnership for Advancing Technology in Housing.

The system assesses the following environmental impacts for building products: ozone depletion, smog, ecological and human toxicity, global warming, acid rain, natural resource depletion, indoor air quality, and solid waste. In addition, BEES 2.0 covers the following: framing, exterior wall finishes, wall sheathing, wall installation, roof coverings, roof sheathing, ceiling insulation, interior wall finishes, floor coverings, slab on grade, basement walls, beams, columns, parking lot paving, and driveways. Free download of version 2.0 is available at this website address: www.bfrl.nist.gov/oae/bees.html. Or, a compact disc and print manual can be ordered free of charge through the EPA’s Pollution Prevention Information Clearinghouse at (202) 260-1023 or via e-mail to the following address: ppic@epa.gov.



Environmental Coast Guard in Systems Times

The Summer 2000 issue of the SYSTEMS TIMES, published quarterly by the Assistant Commandant for Systems, is titled "The Environmental Coast Guard".



If you haven't seen it yet, this issue contains several outstanding essays from throughout the Coast Guard on a variety of relevant pollution topics.

Categories range from environmental resources within the Coast Guard, to specific environmental issues including the Green Ship Initiative, small arms range environmental concerns, underground storage tank closures, ATON batteries, radon in housing, sustainable development for shore assets, and marine diesel emissions.

The web address for this issue of Systems Times is www.uscg.mil/systems/library/systimes/systemstimes.htm.

America Recycles Day (ARD) Poster Contest

Entry Form

Entries must be postmarked by October 15th, 2000.

Mail to: Federal Environmental Executive/White House Task Force on Recycling
MC 1600S, Ariel Rios Building, 1200 Pennsylvania Avenue, NW, Washington DC 20460

Participant's Name: _____

Participant's Age: _____

School Grade: _____

Address: _____

City: _____ State: _____ Zip: _____

Telephone: _____ (Daytime)

_____ (Evening)

Name of Parent or Guardian: _____

Federal Agency of Parent or Guardian: _____

If one or more of my entries is selected, I agree to the Office of the Federal Environmental Executive (OFEE) use of entries for publication & promotion. I have read the Contest rules and affirm that this entry is in compliance with them. I understand that the OFEE assumes no responsibility for the drawings submitted and will not be returned.

Signature of Contestant: _____ Date: _____

If under the age of 18, Parent or Guardian's Signature: _____

Commandant (G-SEC)
U.S. Coast Guard
2100 2ND St. SW
Washington, DC 20593-0001

[Place label here]

"As environmental stewards we must all think ahead in order to minimize the consequences of our actions on the air, land and water."

