



*Annual Performance Report Form*

**Facility Name:** Naval Undersea Warfare Center Division, Newport

**Performance Track ID #:** A010035

**Annual Performance Report #:** 1

**Reporting Year:** 2001

**Due Date:** April 1, 2002

# Section A

## General Facility Information

To the extent possible, EPA will pre-complete items A.1-A.8 for you. Please ensure that the information in A.1-A.8 below is accurate, complete, and up to date. Please supply or revise any information as necessary and then check the box to the left of the item(s) to indicate where changes have been made. Items A.9 and A.10 cannot be pre-completed; please respond as directed in A.9 and A.10 below.

Did you make changes? If so, check box.

- A.1  Name of your facility: Naval Undersea Warfare Center Division, Newport
- A.2  Name of your parent company: Naval Sea Systems Command, Department of the Navy
- A.3  Facility contact person for the Performance Track program:
- Title: Environmental Engineer
- Phone: (401) 832-5873 Fax: (401) 832-4747
- A.4  Facility's location:
- Street Address: 1176 Howell Street
- Street Address (cont.):
- City/State/Zip Code: Newport, RI 02841
- A.5  Facility's website address (if any): www.nuwc.navy.mil
- A.6  Number of employees (full-time equivalents) who currently work in the facility:
- Fewer than 50  50 - 99  100 - 499  500 - 1000  More than 1000
- A.7  Does your company meet the Small Business Administration definition of a small business for your sector?  Yes  No
- A.8  North American Industrial Classification System (NAICS) Code(s) that are used to classify business at the facility: 928110 (not identified on application) \_\_\_\_\_
- A.9  In your application and, perhaps, in previous annual performance reports, you described what your facility does or makes. Have there been any (additional) changes to your facility's list of products and/or activities? If so, please list them in the space below.  Yes  No
- A.10  Please update the list of environmental requirements that apply to your facility. In the space below, indicate any changes that have taken place during this reporting period. If you have no changes to report, please write "No changes."  
No changes

## Section B

# Environmental Management System

**B.1 Environmental Management System Assessment.** Please summarize EMS assessments conducted *during the year*. Attach additional sheets as necessary.

a. Was an EMS audit or other assessment done by an independent third party?

Yes  No

If yes, please provide the *type* (e.g., ISO 14001 certification), the *scope*, and the *dates* (mo/yr) of each assessment.

ISO 14001 Surveillance - Legal and Other Requirements, Objectives and Targets, Communication, Document Control, Monitoring and Measurement, Nonconformance and Corrective and Preventive Action, EMS Audit, Management Review - May 2001

ISO 14001 Surveillance - Objectives and Targets, Environmental Management Programs, Structure and Responsibility, Communication, EMS Documentation, Document Control - October 2001

b. Was an internal or corporate EMS audit conducted?  Yes  No

If yes, please provide the *scope* and the *dates* (mo/yr) of each audit.

All departments with EMS-specific significant environmental aspects were audited against our own EMS requirements, which incorporate the ISO 14001 standard.

April 2001 and September 2001.

c. Was a compliance audit conducted?  Yes  No

If yes, please provide the *scope* and the *dates* (mo/yr) of each audit, and indicate *who* conducted the audit(s) (e.g., facility staff, corporate groups, third party).

The Newport facility was audited by teams from our own Environmental Division, and other Command representatives, for compliance with applicable federal, state and local environmental regulations and Navy policy.

April 2001 and September 2001, in coordination with internal EMS audits.

d. (Optional) If you would like to describe any other audits or inspections that were conducted at your facility, please do so here.

Hazardous Waste - Less-than-90-day storage area (weekly), satellite accumulation areas (quarterly)

SPCC - ASTs (monthly), SPCC areas of concern (quarterly)

Water - RIPDES storm water site inspection (annual)

Air - Fuel burning equipment usage for Emissions Cap (monthly), parts washers (quarterly)

# Section B

(continued)

B.1

e. Briefly summarize corrective actions taken and other improvements made as a result of your EMS assessments and compliance audits.

- 1) Issued three compliance (hazardous waste management) Preventive/Corrective Action Reports (PCARs) and fourteen EMS PCARs to responsible parties.
- 2) Performed root cause analysis of all findings in order to document and identify long term solutions.
- 3) Continue to track to closure the remaining findings.
- 4) Updating Departmental EMS Implementation Plans.
- 5) Making improvements to PCAR database.
- 6) Sharing of best EMS practices among departments.
- 7) Revising our hazardous waste training modules.
- 8) Implementing Geographic Information Systems to better manage our land and sea-based activities.

f. Has your facility corrected all instances of potential non-compliance and EMS non-conformance identified during your audits and other assessments?

Yes  No  No such instances identified

If no, please explain your plans to correct these instances. The three hazardous waste findings are closed. All noncompliance issues were corrected on the spot. Follow-up training and paperwork to formally close the findings were accomplished within 90 days.

Three of the fourteen EMS findings remain open. For two of these findings, a Process Action Team was organized to improve management of facilities maintenance processes. The third open EMS finding is being addressed by making improvements to departmental EMS Implementation Plans.

g. When was the last Senior Management review of your EMS completed? *mo/yr* October 2001

Who headed the review?

Name: Mr./Mrs./Ms./Dr. Mr. Juergen Keil

Title: Executive Director, Naval Undersea Warfare Center Division, Newport

# Section B

(continued)

**B.2 ISO 14001 Certification.** Is your facility currently certified to ISO 14001?  Yes  No

**B.3 Environmental Aspects Identification.** When did your facility last conduct a systematic identification and/or review of your environmental aspects? *mo/yr* October 2001

**B.4 Progress Toward Achieving Objectives and Targets.** In the table below, please provide a narrative summary of progress made toward EMS objectives and targets. **You may limit the summary to environmental aspects that are *significant* and towards which *progress* has been made during the *reporting year*.** In cases where progress relates specifically to a Performance Track performance commitment, complete the *Environmental Aspect* column, but in the *Progress* column simply refer to the performance commitment tables in Section C, i.e. "See Section C." Attach additional sheets as necessary.

<i>Environmental Aspect</i>	<i>Progress Made This Year</i> (e.g., quantitative or qualitative improvements, activities conducted)
Total Solid Waste Recycled	See Section C
Total Hazardous Waste Generated	See Section C
Total Energy Use	See Section C
Air Emissions	Achieved 100% - ensure that air emissions generated at Propulsion Test Facility do not generate significant amount of NOx, and that all operations are in compliance with thermal afterburner operating permit. (This is accomplished through monitoring stack temperature graphs and maintaining running totals of torpedo fuel use.)
Active Underwater Acoustic Energy Transmission	Achieved 100% - environmental documentation preparation and review  Achieved 97% on average - EMS and NEPA training of relevant test personnel.

# Section C

## Environmental Performance Commitments

Please use the tables on pages 6-9 to summarize your facility's environmental performance against your Performance Track performance commitments. Complete only those boxes related to the baseline, current year, and performance commitment. If any of the boxes have been pre-completed for you, please verify the information. If you find information that is incorrect, cross it out and write in the correct information. **Leave blank any columns for future reporting years.**

### Performance Commitment 1

a. Use this table to report data related to your first performance commitment.

**Category** (see page 16 of the instructions): Waste

**Aspect** (see page 16 of the instructions): Total Hazardous Waste

	<i>Baseline (as stated in your application)</i>	<i>Year 1</i>	<i>Year 2</i>	<i>Year 3</i>	<i>Performance Commitment (the goal stated in your application)</i>
<i>Calendar Year</i>	2000	2001			2003
<i>Actual Quantity (per year)</i>	22,431	10,848			(optional)
<i>Measurement Units</i>	pounds				
<i>Normalizing Factor*</i>	1.0	0.443			(optional)
<i>Basis for your Normalizing Factor*</i>	Total run time, in minutes, of the Propulsion Test Facility (This process is the primary hazardous waste stream generator for our Newport facility.)				
<i>Normalized Quantity* (per year)</i>	22,431	24,487			20,188

\*See pages 17-19 of the instructions for more information

b. Briefly describe how you achieved improvements for this aspect or, if relevant, any circumstances that delayed progress.

Achievement of our performance commitment is delayed due to a schedule lapse in the implementation of a filtration and recycling system. Please note that we have modified our performance commitment for hazardous waste to reflect waste generated from a specific process. The values we had provided in our application reflected total hazardous waste generated from our entire facility.

c. Please list any other EPA voluntary programs to which you are also reporting these data (e.g., Energy Star, Project XL).

n/a

# Section C

(continued)

## C.2 Performance Commitment 2

a. Use this table to report data related to your second performance commitment.

<b>Category</b> (see page 16 of the instructions): Waste					
<b>Aspect</b> (see page 16 of the instructions): Total Solid Waste (landfilled)					
	<i>Baseline (as stated in your application)</i>	<i>Year 1</i>	<i>Year 2</i>	<i>Year 3</i>	<i>Performance Commitment (the goal stated in your application)</i>
<i>Calendar Year</i>	2000	2001			2003
<i>Actual Quantity (per year)</i>	834,240	856,820			(optional)
<i>Measurement Units</i>	pounds				
<i>Normalizing Factor*</i>	1.0	1.0			(optional)
<i>Basis for your Normalizing Factor*</i>	There is no correlation between productivity and total solid waste generated at our facility.				
<i>Normalized Quantity* (per year)</i>	834,240	856,820			834,240
*See pages 17-19 of the instructions for more information					

b. Briefly describe how you achieved improvements for this aspect or, if relevant, any circumstances that delayed progress.

The increase in the amount of solid waste landfilled from 2000 to 2001 can be attributed to office moves. The number of office moves cannot be quantified at this time, otherwise we would have used this number as a normalizing factor. Despite this increase in solid waste landfilled, we exceeded our goal of maintaining a diversion rate of 59% by achieving a diversion rate of 64.7%. Specifically, we recycled 1,200,496 pounds of solid waste in 2000, and in 2001, that figure increased to 1,569,480 pounds. We hope to maintain the 59% diversion rate goal, as we originally committed to in our Performance Track Program application.

c. Please list any other EPA voluntary programs to which you are also reporting these data (e.g., Energy Star, Project XL).

n/a

# Section C

(continued)

## C.3 Performance Commitment 3

a. Use this table to report data related to your third performance commitment.

<b>Category</b> (see page 16 of the instructions): Energy Use					
<b>Aspect</b> (see page 16 of the instructions): Total Energy Use					
	<i>Baseline (as stated in your application)</i>	<i>Year 1</i>	<i>Year 2</i>	<i>Year 3</i>	<i>Performance Commitment (the goal stated in your application)</i>
<i>Calendar Year</i>	2000	2001			2003
<i>Actual Quantity (per year)</i>	249,351	224,973			(optional)
<i>Measurement Units</i>	MMBtu				
<i>Normalizing Factor*</i>	1.0	0.979			(optional)
<i>Basis for your Normalizing Factor*</i>	The number of Direct Work Years best quantifies our facility's productivity.				
<i>Normalized Quantity* (per year)</i>	249,351	229,799			245,000
*See pages 17-19 of the instructions for more information					

b. Briefly describe how you achieved improvements for this aspect or, if relevant, any circumstances that delayed progress.

Please note that we have modified our performance commitment for energy to reflect total energy used at our facility. The values we had provided in our application reflected only an estimate of the non-RDT&E energy consumption. Currently we do not have the meters in place to measure RDT&E energy use separately.

During CY2000, we began implementing energy conservation measures in earnest. The above data for CY2001 substantiate our efforts. Our goal is to continue this trend of energy savings. Specifically, we anticipate award in May 2002 of Energy Conservation Improvement Program Project #9012. This project will allow us to retrofit non-RDT&E equipment to reduce energy use.

c. Please list any other EPA voluntary programs to which you are also reporting these data (e.g., Energy Star, Project XL).

n/a

# Section C

(continued)

## C.4 Performance Commitment 4

a. Use this table to report data related to your fourth performance commitment.

<b>Category</b> (see page 16 of the instructions): Preservation/Restoration					
<b>Aspect</b> (see page 16 of the instructions): Habitat Impacts					
	<i>Baseline (as stated in your application)</i>	<i>Year 1</i>	<i>Year 2</i>	<i>Year 3</i>	<i>Performance Commitment (the goal stated in your application)</i>
<i>Calendar Year</i>	2000	2001			2003
<i>Actual Quantity (per year)</i>	60	89			(optional)
<i>Measurement Units</i>	Percentage of at-sea tests requiring marine mammal observers that had trained observers.				
<i>Normalizing Factor*</i>	1.0	1.0			(optional)
<i>Basis for your Normalizing Factor*</i>	The above data is reported as a percentage, and therefore, accounts for normalization.				
<i>Normalized Quantity* (per year)</i>	60	89			95
*See pages 15-17 of the instructions for more information					

b. Briefly describe how you achieved improvements for this aspect or, if relevant, any circumstances that delayed progress.

Improvements were achieved through early communication and coordination with at-sea test directors. The above percentage values are based on the following data: In 2000, three out of five at-sea tests had trained observers. In 2001, eight out of nine at-sea tests had trained observers.

c. Please list any other EPA voluntary programs to which you are also reporting these data (e.g., Energy Star, Project XL).

n/a

## Section D

# Public Outreach and Performance Reporting

**D.1** Please briefly summarize the public outreach and reporting activities that your facility has conducted during the year. Feel free, but not obligated, to attach supporting materials (e.g., meeting agendas, public announcements).

In 2001, Naval Undersea Warfare Center Division, Newport participated in the following:

Earth Day

America Recycles Day

International Coastal Cleanup

Partnership for Narragansett Bay

Naval Undersea Warfare Center Division, Newport Bring Your Child to Work Day

Environmental Adoption Program (Gaudet Middle School, Middletown, RI)

Northeast Team for the Implementation of the Recovery Plans for the Right and Humpback Whales

State Emergency Response Commission

Local Emergency Planning Committee

Newport Restoration Advisory Board

**D.2** Please indicate which of the following methods your facility plans to use to make its Performance Track Annual Performance Report available to the public. Please check as many as are appropriate.

Website (URL <http://www.nuwc.navy.mil>)

Open House

Meetings

Press Releases

Community Advisory Panel

Other

# Section E

## Self-Certification of Continued Program Participation

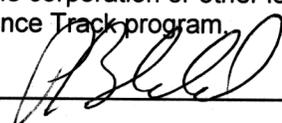
On behalf of Naval Undersea Warfare Center Division, Newport,  
(name of my facility)

I certify that

- ◆ I have read and agree to the terms and conditions specified in *the National Environmental Performance Track Program Guide*. This facility, to the best of my knowledge, continues to meet all program criteria;
- ◆ I have personally examined and am familiar with the information contained in this Annual Performance Report. The information contained in this report is, to the best of my knowledge and based on reasonable inquiry, true, accurate, and complete;
- ◆ My facility has an environmental management system (EMS), as defined in the Performance Track EMS criteria, including systems to maintain compliance with all applicable federal, state, tribal, and local environmental requirements in place at the facility, and the EMS will be maintained for the duration of the facility's participation in the program;
- ◆ My facility has conducted an objective assessment of its compliance with all applicable federal, state, tribal, and local environmental requirements; and the facility has corrected all identified instances of potential or actual noncompliance; and
- ◆ Based on the foregoing compliance assessments and subsequent corrective actions (if any were necessary), my facility is, to the best of my knowledge and based on reasonable inquiry, currently in compliance with applicable federal, state, tribal, and local environmental requirements.

I agree that EPA's decision whether to accept participants into or remove them from the National Environmental Performance Track is wholly discretionary, and I waive any right that may exist under any law to challenge EPA's acceptance or removal decision.

I am the senior manager with responsibility for the facility and am fully authorized to execute this statement on behalf of the corporation or other legal entity whose facility is part of the National Environmental Performance Track program.

Signature/Date  7/12/02

Printed Name Mr./Mrs./Ms./Dr. Patrick M. Bloomfield, Captain, U.S. Navy

Title Commander

Phone Number/E-mail Address (401) 832-3344 / bloomfieldpdm@npt.nuwc.navy.mil

Facility Name Naval Undersea Warfare Center Division, Newport

Facility Street Address 1176 Howell Street, Newport, RI 02841

Performance Track Identification Number A010035

### **Paperwork Reduction Act Notice**

The public reporting and recordkeeping burden for this collection of information is estimated to average 188 hours per respondent annually. Burden means the total time, effort, or financial resources expended by persons to generate, maintain, retain, or disclose or provide information to or for a Federal agency. This includes the time needed to review instructions; develop, acquire, install, and utilize technology and systems for the purposes of collecting, validating, and verifying information, processing and maintaining information, and disclosing and providing information; adjust the existing ways to comply with any previously applicable instructions and requirements; train personnel to be able to respond to a collection of information; search data sources; complete and review the collection of information; and transmit or otherwise disclose the information. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number.

Send comments on the Agency's need for this information, the accuracy of the provided burden estimates, and any suggested methods for minimizing respondent burden, including through the use of automated collection techniques to the Director, Collection Strategies Division, U.S. Environmental Protection Agency (2822), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.