



# Environmental Awareness Training

Approved for public release;  
distribution is unlimited

March 2016



# SUMMARY OF AWARENESS TRAINING TOPICS

- Overview of Environmental Management System (EMS)
- Division Newport's Significant Environmental Aspects
  - Hazardous Waste
  - Solid Waste
  - Energy Use
  - Wastewater Generation
  - Green Procurement
  - Air Emissions
  - Active Underwater Acoustic Energy Transmission
- Environmental Review Board (ERB)
- National Environmental Policy Act (NEPA) / Executive Order (EO) 12114
- Environmental Training Requirements





## TRAINING OBJECTIVE

- Familiarize Division Newport employees and contractors with environmental programs and applicable environmental laws and regulations.
- Help employees and contractors accomplish their work activities while ensuring that Division Newport remains in environmental regulatory compliance.

**Everyone working for or on behalf of Division Newport has a responsibility to protect the environment.**





# ENVIRONMENTAL POLICY

- Division Newport's Environmental Policy communicates the Command's commitment to environmental stewardship and compliance with environmental regulations.
- The Policy seeks to consider the environment in routine business decisions, and provides a framework for the continual improvement of environmental objectives and targets.
- All employees and contractors are required to be familiar with our environmental policy.



**Naval Undersea Warfare Center Division, Newport**  
**Environmental Policy**

Naval Undersea Warfare Center Division, Newport's ability to conduct its mission requires daily operation in the land, sea, and air environments. Protection of the environment is an integral part of Division Newport's role in accomplishing its mission. All military and civilian employees, support contractors, and those working for or on behalf of the organization must perform their duties in a manner which prevents pollution, protects the environment, and conserves natural resources.

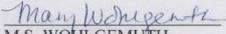
Naval Undersea Warfare Center Division, Newport is committed to environmental stewardship. We promote practices that will provide environmentally sound products to our customers and ensure we are prudent stewards of the environment.

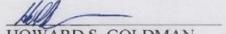
**Principles**

*We are committed to:*

- Environmental protection and continual environmental process improvement.
- Early introduction of environmental protection and pollution prevention in the planning stages of new facilities and programs.
- Compliance with applicable federal, state, local, Department of Defense, and Department of Navy regulations and policies, and other requirements associated with Division Newport activities.
- Evaluation of the effectiveness of our Environmental Management System to ensure that established objectives and targets are met.
- Publication, implementation, and maintenance of our environmental policy and its communication to all employees, those working on our behalf, and other interested parties.

  
  
November 2014

  
M.S. WOHLGEMUTH  
Division Technical Director

  
HOWARD S. GOLDMAN  
Captain, U.S. Navy  
Commander





# ENVIRONMENTAL MANAGEMENT SYSTEM

- NUWC developed an EMS based on the requirements of International Organization for Standardization (ISO) 14001.
- The EMS will continuously address and resolve environmental issues using the following model:
  - **Plan:** Establish environmental objectives and targets;
  - **Do:** Implement the process;
  - **Check:** Monitor and measure processes against the environmental policy, objectives, targets, legal and other requirements, and report the results; and
  - **Act:** Take actions to continually improve performance of the EMS.



ISO14001  
EMS MODEL





## Green PEPCI Badge Cards

NUWC's Environmental Policy and Significant Environmental Aspects can be found on the Green PEPCI badge cards.

This card can be very helpful if an auditor approaches you to ask about the Command's Environmental Policy. Feel free to reference the card directly.

If you do not have a Green PEPCI card, contact your Code's EMS Point of Contact (POC), or the Environmental Branch at x23370.

NUWC Division Newport



**Environmental Policy**

The Environmental Policy provides the framework for the Division's Environmental Management System and for achieving our objectives and targets. The Environmental Policy:

*Promotes*

*Environmental Protection,*

*Pollution Prevention,*

*Compliance, and*

*Improvement*

This card was made from recycled, non-toxic, non ozone-depleting materials.

NUWC Division Newport

*An ISO 14001 Registered Facility*




Significant Environmental Aspects

- Hazardous Waste
- Solid Waste
- Energy Usage
- Wastewater Generation
- Green Procurement
- Air Emissions
- Active Underwater Acoustic Energy Transmission

**\*\* Remember: If you don't know an answer to a question the auditor asks, you can always find it on the Environmental Branch's web page (Code 1023), or contact your EMS POC. \*\***





# EMS AUDITS

- Division Newport's EMS is verified by:
  - **Annual Internal Audits** conducted by EMS POCs and Environmental Branch staff.
  - **External Audits** conducted by Navy-qualified auditors.
  - **Quarterly Competence Audits** of the workforce to ensure Division Newport's Environmental Policy and Environmental Aspects are being well communicated.





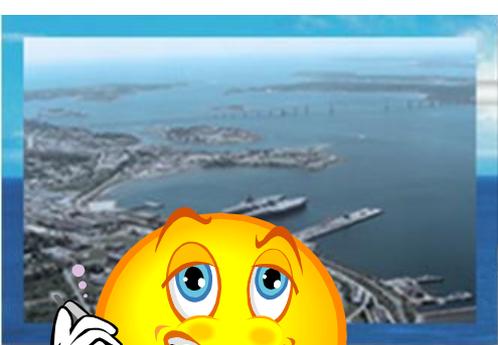
# KNOW YOUR EMS POC!

- Every Code has an assigned EMS POC. Visit the Environmental Branch's EMS web page to find your EMS POC.
- Call or e-mail your EMS POC to:
  - Ask any environmental related questions, or to request information regarding environmental practices for products, services, or processes.
  - Discuss a proposed testing event that requires review by the Environmental Review Board (ERB).
  - Express environmental concerns. Your POC can use the EMS Preventative and Corrective Action Report (PAR/CAR) system to document any deficiencies or nonconformance.\*
  - Inquire about job specific training, such as Hazardous Waste Generator or Organic Solvent Degreaser training.
  - Share your ideas for new objectives/targets, or how to improve an existing process.



**\* Visit the Preventative Action and Corrective Action database located on the Code 1023 EMS web page for more information on current PAR/CARs.**





# EXTERNAL COMMUNICATION

If you receive a call from the public, media, or interested party regarding NUWC's EMS or Environmental Programs:

- Do not answer any questions.
- Direct the call to the Division Newport Public Affairs Officer (PAO), Code 103.
- Contact information is available to the public on the NUWC Newport website.

The Environmental Branch will coordinate with the PAO to answer external party communications regarding EMS issues.

*For more information, see the EMS Internal/External Communication Procedure, located on the Code 1023 EMS web page.*





# EMPLOYEE\* RESPONSIBILITIES

- Accept accountability for environmental performance.
- Adhere to the EMS Manual and Procedures, found on the Code 1023 EMS web page.
- Comply with applicable federal, state, local, Department of Defense, and Navy regulations and policies.
- Continually improve your processes toward a goal of protecting the environment and improving environmental performance.
- Introduce environmental protection and pollution prevention early in the planning stages of all new facilities and programs.
- Report problems or concerns to your supervisor.
- Understand your involvement in achieving the objectives and targets associated with the significant environmental aspects that affect your work activities.



*\* Employee refers to employees, contractors, & those working on our behalf.*



## Hazardous Waste Generation: A Division Newport Significant Environmental Aspect

- Management of Hazardous Waste is governed by the Resource Conservation and Recovery Act (RCRA), and by state laws.
- If your job requires you to generate or handle hazardous waste, you must complete the *NUWC Hazardous Waste Generator Training* prior to working with hazardous waste unsupervised.
- The Environmental Protection Agency (EPA) and Rhode Island Department of Environmental Management (RIDEM) have the authority to inspect Division Newport's compliance with RCRA and state laws. These inspections are unannounced.
- Fines are up to **\$37,500 per day per violation** for RCRA violations! Knowing and willing violations of the law can be considered CRIMINAL acts, punishable by fines and imprisonment.





# Hazardous Waste Generation





# Hazardous Waste at NUWCDIVNPT

- What is Hazardous Waste?
  - Hazardous waste is defined as liquid, solid, contained gas, or sludge waste that contains properties that are dangerous or potentially harmful to human health or the environment.
- Examples of different types of waste at NUWC:
  - **Hazardous Waste:** paints, adhesives, aerosols, fuels (and their byproducts), bleach, nitric acid.
  - **Non-Hazardous Waste:** oily water, desiccant, grease.
  - **Universal Waste:** batteries, equipment containing mercury, fluorescent light bulbs.
  - **Used oil:** Isopar L/M, mineral oil, cutting oils.



**HAZARDOUS WASTE**  
FEDERAL LAWS PROHIBIT IMPROPER DISPOSAL.  
IF FOUND, CONTACT THE NEAREST POLICE OR PUBLIC SAFETY AGENCY OR THE U.S. ENVIRONMENTAL PROTECTION AGENCY.

GENERATOR INFORMATION:  
NAME: NAVAL UNDERSEA WARFARE CENTER  
ADDRESS: 1578 HOWELL STREET  
CITY: NEWPORT STATE: RI ZIP: 02841  
EPA ID NO.: RI18170024790 WASTE NO.: \_\_\_\_\_  
ACCUMULATION START DATE: \_\_\_\_\_ HAZARDEST DOCUMENT NO.: \_\_\_\_\_

[ ]  
O.D.T. PROPER SHIPPING NAME, ADD UN OR NA NO. WITH PREFIX

**HANDLE WITH CARE!**

USE SAFETY DATA SHEET, AVAILABLE ON EPCRA FORM 6004977900

**NON-REGULATED Waste**

GENERATOR INFORMATION (optional)  
SHIPPER: \_\_\_\_\_  
ADDRESS: \_\_\_\_\_  
CITY, STATE, ZIP: \_\_\_\_\_  
PROPER D.O.T. SHIPPING NAME: \_\_\_\_\_  
UN OR NA NO: \_\_\_\_\_  
CONTENTS: \_\_\_\_\_

THIS WASTE IS NOT REGULATED BY THE U.S. ENVIRONMENTAL PROTECTION AGENCY.

**NON-REGULATED WASTE**

**UNIVERSAL WASTE**

CONTENTS: \_\_\_\_\_

ACCUMULATION START DATE: \_\_\_\_\_

SHIPPER: \_\_\_\_\_  
ADDRESS: \_\_\_\_\_  
CITY, STATE, ZIP: \_\_\_\_\_

89181 SAFETY DATA SHEET, INC. EUGENE, OR





# Hazardous Waste Disposal

- Complete a hazardous waste turn-in form to dispose of waste from a Satellite Accumulation Area (SAA) or to dispose of expired/excess hazardous material.
- Instructions for completing the Turn-In Form can be found on the Code 1023 Hazardous Waste web page.

*The Hazardous Waste Turn-in Form is available on the Code 1023 web page.*



Revision 10 - 20 Sept 11  
 \*Required Fields

### Hazardous Waste Turn-In Form

Submit to: Hazardous Waste Program, Code 1151, Building 679  
 Multiple forms should be used for multiple items unless they are the same substance (i.e. 2 bottles of isopropanol).

Date: 12/7/2012 From: John Doe Code: 1151 Phone: \_\_\_\_\_  
 Waste Originator: John Doe Code: 1151 Phone: \_\_\_\_\_

Location of Waste (Specify exact pick up location) Site: NUWCDIVNPT Building\*: 1310 Room\*: High Bay Door Floor: 1

1. Description of Waste: Unused Old Gasoline 2. SAA ID: 11253

3. Contents Are\*: Liquid

4. Include all chemical constituents in this waste by indicating MSDS ID(s) or attach/request chemical analysis. (Additional lines on Page 2)

MSDS ID:	Product:	Percent:
10488	Gasoline, Agway Petroleum Company	100%

5. Containers (describe each different type) Number: 1 @Size: 5 Unit of Measure: Gal Container Type: Drum-Steel  
 Number: \_\_\_\_\_ @Size: \_\_\_\_\_ Unit of Measure: \_\_\_\_\_ Container Type: \_\_\_\_\_

6. Replacement Containers\*:  Yes  No

7. Additional Description: \_\_\_\_\_

8. I acknowledge that container usage must be reported to CHRIMP prior to waste pick-up:  Yes  No

9. Source Code\*: G11-DISCARDING OFF-SPECIFICATION OR OUT-OF-DATE CHEMICALS OR PRODUCTS

10. Is waste uncontaminated commercial/virgin product?\*  Yes  No

11. If YES to #10, is the waste in the original container?  Yes  No

12. If NO to #10, Describe (A) process in which waste was created, (B) what additional contaminants are present, and (C) how are you confident that the description of the waste and all the contaminants/constituents is accurate. (Note: Unless the submitter or originator of the waste states below and certifies a reasonable basis for ruling out the presence of substances/contaminants other than described, testing of the waste must be performed.)  
 A: \_\_\_\_\_  
 B: \_\_\_\_\_  
 C: \_\_\_\_\_

13. Certification: By submitting this completed form and any attached sheets, I acknowledge that the information provided on this and any attached sheets will be used to determine the proper handling and disposal of this waste in accordance with Federal and State laws. To the best of my knowledge, and based on personal communication with the originator, I certify that this information accurately represents the waste being turned in, including its original, and all known or reasonably suspected hazardous properties or constituents.

**Submit Via Email**

Print A Copy For Your Records  
(Make sure JavaScript is Enabled)

**Code 1151 Use Only**

Item #: \_\_\_\_\_ Accm. Start Date: \_\_\_\_\_  
 Weight of All Containers in Pounds (LBS): \_\_\_\_\_  
 Bay #: \_\_\_\_\_ ACM Drum: \_\_\_\_\_  
 Waste Code(s): \_\_\_\_\_  
 UHC: \_\_\_\_\_  
 CLIN/Cost: \_\_\_\_\_ FSC: \_\_\_\_\_

**Questions? Contact the Environmental Team at x23370.**



## Bag your Batteries!

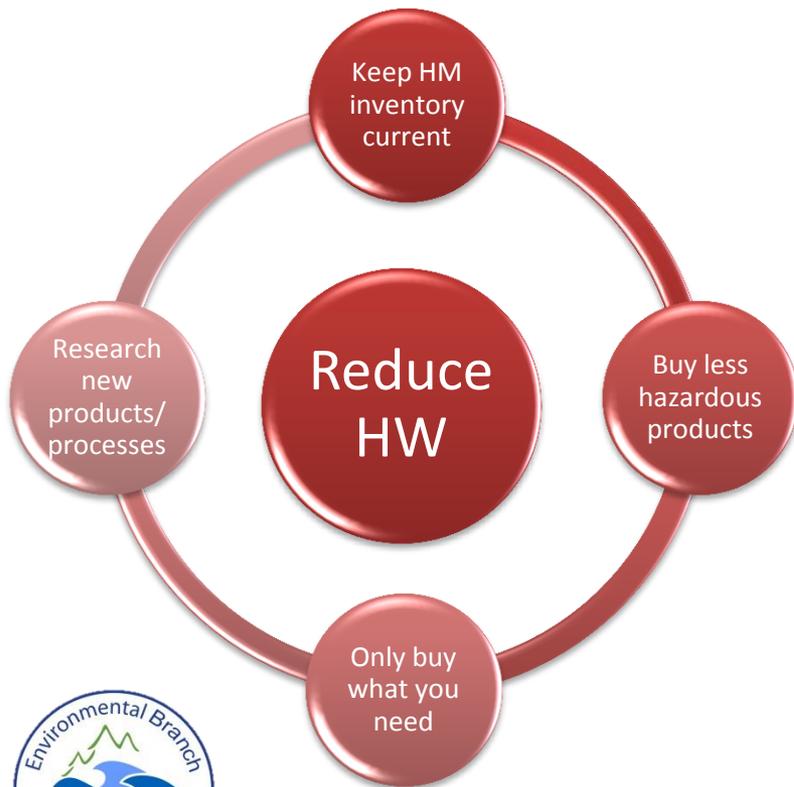
- Battery buckets are located in SAAs.
- Place batteries in individual bags before disposing of them in the appropriately marked battery bucket in the SAA.
- If bags are not provided in the SAA, contact the SAA POC or the Environmental Branch at x23370.
- Complete a Hazardous Waste Turn-In Form when a bucket is full.

**\*\*Please note: batteries must be segregated by type\*\***





# How to Reduce Hazardous Waste



- Order environmentally preferable Hazardous Materials (Hazmat)
- Limit ordering of Hazmat to project needs without excess.
- Continually research and evaluate processes in order to reduce hazardous waste.





# HW Emergency Spill Response

In the event of a spill, follow the Spill Response Guide or Emergency Action Guidelines, posted near points of waste generation. For a life threatening hazardous substance spill, **CALL 911**.



## EMERGENCY ACTION GUIDELINES (EAG)

Guidance for some emergencies at NUWC Division Newport, RI Base only.

Revision 05/24/2013

### FIRE/BUILDING EVACUATION

Pull nearest fire alarm (if applicable) to evacuate building and dial 911 as soon as you can.

Person initiating emergency must meet and report details to the emergency responders. If there is no alarm, pass the word the quickest way possible to evacuate.

Evacuate the building using the nearest exit (stairs) and help anyone who is injured, disabled or needs assistance.

Once outside, report to your muster area where attendance will be taken and remain in that area unless directed otherwise.

Person taking muster inform emergency responders those not accounted for and assumed to be in the building.

Become familiar with both the evacuation route and emergency evacuation plan posted in each building.

### BOMB THREAT

If you receive a bomb threat telephone call: Remain calm and alert. Have another person immediately call the NAVSTA NPT Security Dispatch at 841-4041 or 911. Keep the caller talking and write down as much information as possible from the Bomb Threat Checklist below:

Ask the following questions: When is the bomb due to go off? Where is the bomb? What kind of bomb is it? What does it look like? Who are you? Where are you now?

Listen for: Street Noises, Crockery/Pans, Voices Male or Female, P.A. Systems, Music / Type, Motor / Type, Office or factory machinery, or animal noises/Type

Note description of caller: Sex, young, middle aged, elderly, accent.

### HAZARDOUS SUBSTANCE

In the event of a large life threatening hazardous substance spill immediately call 911, evacuate immediate area, warn others of the spill, and be available to provide further information to the emergency responders.

If spill is small report it to Environmental Division x23370.

### EMERGENCY NOTIFICATION / INFORMATION

During and after emergencies, Command status updates are made via:

1. Command information line  
**x26892 or 1-800-NOW-NUWC (800-669-6892)**, press 1 for work status or 3 for security/CDO.
2. <http://www.navsea.navy.mil/nuwc/newport>
3. <http://www.facebook.com/NUWCNewport>
4. <https://twitter.com/nuwcnewport>
5. AutoMessenger. Register at:  
<https://asp.schoolmessenger.com/newportnuwc/subscriber/>
6. Local Radio and TV stations, dependent on circumstance.

### UTILITY FAILURE

Report emergency water damage (spills, leakage or flooding) or utility failures (electric, heat, steam, high pressure air or a/c failure) to 866-477-7206, facilities x25021.

From 1530-0700 contact the Command Duty Officer (CDO) at 401-862-2223 or x22706.

### PERSONAL INJURY/ILLNESS

In the event of a serious injury or illness, immediately call 911.

If treatment for minor injuries or illnesses is required report to B162 for medical assistance or call Safety x23534.

### SHELTER IN PLACE (OUTSIDE HAZARD)

An emergency situation such as a hazardous materials release outside of building, major storm, terrorism incident, etc. may require that personnel take shelter in their facility:

1. Close, and seal exterior doors, windows and vents.
2. Quickly move inside
3. Monitor emergency announcements.
4. Await all clear announcements from emergency responders

### LOCK DOWN (ACTIVE SHOOTER)

Active Shooter guidelines general intent is to get safe, stay out of sight and make it harder for the shooter to find you.

1. If inside, secure and protect yourself where you are.
2. Lock or block doors, windows, and close blinds.
3. Keep voices low. Keep movement to a minimum.
4. Call 911 when it's safe to do so.
5. If outside, move quickly inside the nearest building.
6. If unable to move inside, find protection behind a heat or cooling unit, a BLDG, trash container or vehicle.
7. Wait for "All Clear" to be announced.

### CLASSIFIED MATERIAL/MEDIA

In the event of an emergency, evacuate. Classified materials/media may be secured at personal discretion, without jeopardizing your safety. Emergency response personnel shall be admitted entry into all spaces without delay. After evacuating, contact the SMC x22706, as soon as possible. Inventory all items upon reoccupation of the space.

Revision Date 5/24/07

## SPILL RESPONSE GUIDE

NEWPORT

BLDG # \_\_\_\_\_

Any individual causing or discovering a spill, or observing a situation that may lead to a spill of a hazardous substance shall immediately take the following actions. (For small, non life-threatening spills, call the environmental division first. If in doubt, dial 911.)

### REPORT SPILL IMMEDIATELY TO:

NAVAL STATION NEWPORT FIRE DEPARTMENT	911
GUARDS/CDO	X23145
ENVIRONMENTAL DIVISION	X23370

WHENEVER POSSIBLE, give the following information if it is known or can reasonably be determined. DO NOT wait until ALL information is available.

- Your NAME and TELEPHONE NUMBER
- LOCATION of the spill (Bldg. #, address, and/or shop code)
- TYPE of material spilled
- AMOUNT and source of spill
- DIRECTION of spill and ACTIONS being taken
- TIME when spill occurred

DO NOT allow unauthorized persons to enter the spill area.

RESTRICT all sources of ignition—smoking, engines, open flames.

WAIT for the Facility Incident Commander or CDO to arrive.

PROVIDE information and assistance as instructed.

- ★ **INFORM** the area supervisor.
- ★ **PASS THE WORD** to people in adjacent spaces and areas.
- ★ **EVACUATE** area to a safe distance upwind and upgrade from the spill.

BLDG #	ROOM #	SITE DESIGNATION-	
POINT OF CONTACT		TITLE	PHONE/CELL (P) (C)
ALTERNATE		TITLE	PHONE/CELL (P) (C)



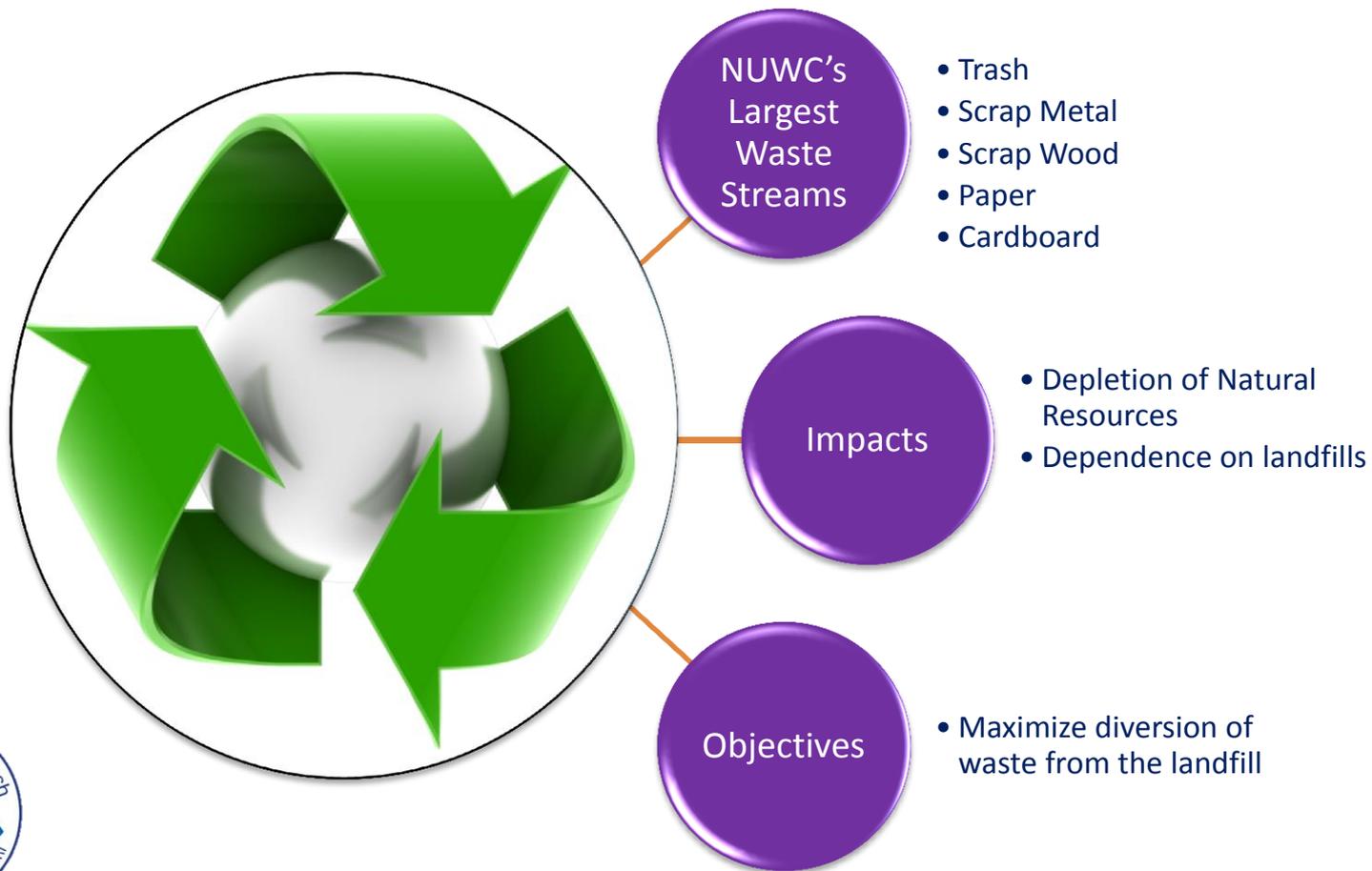
## **Solid Waste Generation: A Division Newport Significant Environmental Aspect**

- Division Newport is committed to complying with applicable local, state, federal, and Navy regulations to ensure safe, timely, and cost effective processing of all solid waste.
- Division Newport has an extensive recycling program for paper, cardboard, plastic, glass, aluminum cans, metal, and wood. To view a complete list of what can be recycled at Division Newport and to learn more about recycling efforts, you can visit the Solid Waste web page on the Code 1023 Environmental Branch website.





# Solid Waste Generation





# HOW TO REDUCE SOLID WASTE

- Recycle aluminum cans and any #1-7 plastic containers. Please rinse out before placing in recycle receptacle.
- Reduce printing and utilize default double-sided settings.
- Shred office paper in an NSA approved shredder.\*
- Purchase products made with recycled content.



\* Follow the NUWCDIVNPT All Destruct Policy





# SINGLE-STREAM RECYCLING

## Emptied & Rinsed Containers



- ✓ All #1 - #7 materials (except Styrofoam)
- ✓ All Containers (aluminum, plastic, glass)
- ✓ Aluminum Foil
- ✓ Glass Bottles & Jars

## Commercial Paper



- ✓ Bagged Paper Shred
- ✓ Cardboard (flattened)
- ✓ Empty File Folders
- ✓ Envelopes
- ✓ Hard Cover Books
- ✓ Magazines
- ✓ Newspapers
- ✓ Paper Bags
- ✓ Paper Plates (cleaned)
- ✓ Phone Books



Flattened Cardboard



## NO OFFICE PAPER\*

\* See NUWCDIVNPT All-Destruct Policy for Guidance

- |                  |                          |                           |                  |
|------------------|--------------------------|---------------------------|------------------|
| • No Batteries   | • No Food                | • No Paper Napkins/Towels | • No Vinyl       |
| • No Bubble-Wrap | • No Hazardous Materials | • No Scrap Metal          | • No Waxed Paper |
| • No Clothing    | • No Light Bulbs         | • No Styrofoam            | • No Waxed Boxes |
| • No CD's        | • No Plastic Utensils    | • No Transparencies       | • No Wood        |

## Questions?

Contact the Environmental Division at x23370

# RECYCLING AT NUWC

- Single-Stream Recycling allows for paper and various containers to be collected in one central bin.
- Single-Stream Recycling Guidance is available on the Code 1023 Solid Waste and Recycling web page.
- Be sure to shred all office paper, as required the NUWCDIVNPT All Destruct Policy.

For scrap metal, wood, and other items, call NUWC Environmental Branch at x23370





# Energy Usage: A Division Newport Significant Environmental Aspect

## Examples of energy consumption at NUWC



Lights



Computers



Server  
Networks



Heating  
and  
Cooling

**Target: Reduce base-wide energy consumption**





# HOW TO REDUCE ENERGY

## Computers

- Turn off NMCI computers, monitors, printers, and other office equipment every night
- Turn off RDT&E computers on weekends

## Lighting

- Shut off all lights when not in use
- Last person out of the office should check to ensure all lights in working area are turned off

## Heating and Cooling

- Set air conditioning to 80 degrees in warm weather
- Set heat to 68 degrees in colder weather





# Wastewater Generation:

## A Division Newport Significant Environmental Aspect

NUWC has an Industrial Discharge Permit with the City of Newport for all industrial wastewater processes that discharge water directly into the sanitary sewer.

### NUWC Objectives

#### Reduce

- Replace sinks and toilets with low flow fixtures when buildings are renovated.

#### Comply

- Remain in compliance with our permit requirements.

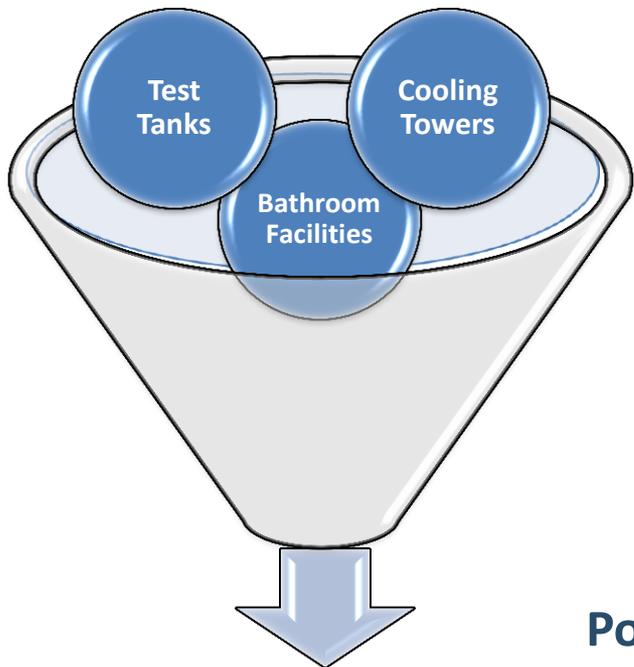
#### Improve

- Research and implement ways to reduce wastewater.





# Wastewater Generation



Potential Environmental Impacts

- Water pollution
- Depletion of natural resources
- Damage to wastewater treatment facility

Potential Regulatory Impacts

- Violation of NUWC permit
- Mission impacts

**NUWC Wastewater Activities**





# WASTEWATER GENERATION AND WATER PROCESSES

Things to remember:

- All wastewater discharges (new or modified) must be approved by the City of Newport Water Pollution Control Division.
- Comply with permit requirements. Some processes have sampling requirements prior to discharge (sampling, flow rate, etc.).
- If you are unsure if your wastewater process has permit requirements, contact the Environmental Branch (x23370).
- Inform the Environmental Branch of all new, modified, or terminated processes utilizing water.





## Green Procurement: A Division Newport Significant Environmental Aspect

### Activities

- All purchases and contract actions entered into by Division Newport

### Objectives

- Develop Green Procurement guidelines for all types of purchases and contracts, including exemptions and exceptions

### Example Targets

- Increase purchases of green products (post consumer recycled and non-toxic)
- Include environmental considerations in Division Newport contract actions





## Air Emissions:

# A Division Newport Significant Environmental Aspect

## NUWC Activities

Paint, Solvent, and Adhesive use

Mobile Emission Sources (generators, compressors, water pumps, etc.)

Propulsion Test Facility Activities

### Objective

- Reduce Air Emissions

### Example Targets

- Encourage employees to walk to meetings on base and take advantage of the Transportation Incentive Program and Ride Share programs.
- Identify and use pollution prevention alternatives when appropriate.
- Operate generators only as needed.
- Purchase low VOC products.
- Purchase renewable energy vehicles.





# AIR EMISSIONS

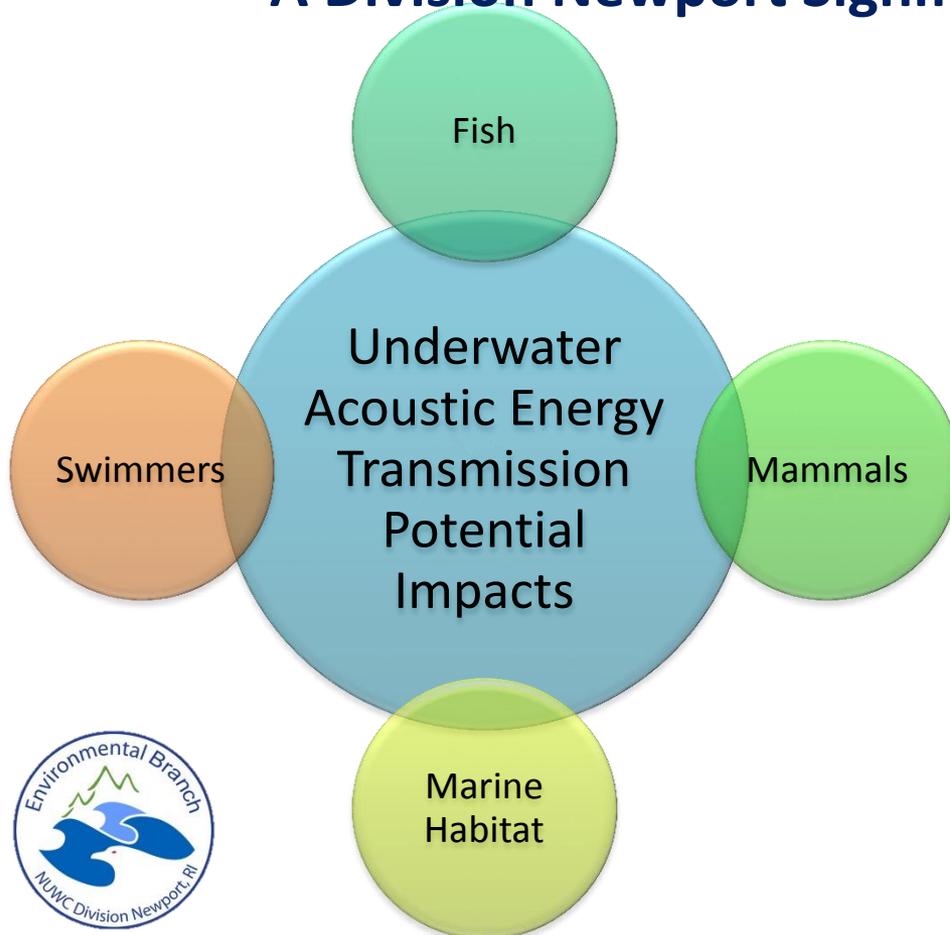
## Employee Responsibilities

- Obtain approval from the Environmental Branch for any new emission source (generators, air compressors, pumps, etc.) prior to commencing acquisition process.
- Obtain approval from the Environmental Review Board (ERB) for use of emission sources proposed for testing purposes.
- Maintain fuel burning equipment and minimize use.
- Purchase environmentally preferable products.
- Follow State regulations when operating Organic Solvent Degreasers (parts washers).
- Follow protocol for disposing of hazardous material by placing waste in designated containers. NEVER let waste products air dry or cure. Keep degreaser lids closed.
- Report use of fuel burning equipment to the Environmental Branch.
- Report Hazardous Material use via submitting an Empty Container Report, located on the Safety Branch, Code 1024 web page.





## Active Underwater Acoustic Energy Transmission: A Division Newport Significant Environmental Aspect



### Objectives

- Minimize active acoustic transmissions

### Example Targets

- Ensure all projects that have a potential environmental impact are presented to the Environmental Review Board (ERB) for review
- Train and utilize Marine Mammal Observers for all in-water testing
- Investigate new ways of tracking and monitoring acoustic energy releases





## ENVIRONMENTAL REVIEW BOARD (ERB)

The ERB is a 9-member team comprised of representatives from Physical Operations and Support Department, legal counsel, and DIVNPT Product Codes that reviews all DIVNPT proposed actions that have the potential to impact the environment and ensures compliance with federal law.

Actions requiring ERB review range from significant projects (e.g., torpedo testing or cable installation) to small-scale data collection efforts (e.g., in-water battery tests).

Your obligations as a Division Newport employee:

- Consider environmental impacts early in the planning process
- Complete and submit an ERB questionnaire describing your project (form available on the Code 1023 Mission Environmental Planning web page)
- Ensure ERB actions are complete prior to test/project commencement
- To ensure compliance, re-engage the ERB if the action changes during planning or execution

**Please visit the Environmental Branch web page for more information.**

**For additional questions, please contact your Environmental POC.**





## NATIONAL ENVIRONMENTAL POLICY ACT (NEPA) AND EXECUTIVE ORDER (EO) 12114

- NEPA and EO 12114 require federal agencies to consider the environmental impacts of their proposed actions.
- NEPA applies to actions ashore and within territorial waters (up to 12 nmi from shore); EO 12114 applies to actions outside 12 nmi from shore.
- Considers additional federal laws/regulations:
  - Marine Mammal Protection Act (MMPA)
  - The Endangered Species Act (ESA)
  - Coastal Zone Management Act (CZMA) and others
- The Mission Environmental Planning (MEP) Program can assist with determining the need for preparing necessary NEPA or EO 12114 documentation.
- Document preparation can take from weeks to years, depending on the scope of the action; be sure to engage the ERB or the MEP Program early!



**A project can be halted for violations of the National Environmental Policy Act**



## ADDITIONAL ENVIRONMENTAL TRAININGS

- Hazardous Waste Generator Training
  - Required for individuals who are likely to generate or handle hazardous waste.
  - POC: Vincent DeResta x23407
- Organic Solvent Degreaser Training
  - Required for individuals working with degreasers.
  - POC: Stacie Paquette x27705





# CONTACT THE ENVIRONMENTAL BRANCH

## Environmental Branch Points of Contact

- Head.....Robert Davis, x25844
- MEP Program Manager.....Amy Farak, x24674
- EMP2 Program Manager.....Michael Geremia, x27095
- Air/Water.....Stacie Paquette, x27705
- Detachment Oversight/Compliance/EMS/ISO 14001 .....Michael Geremia, x27095
- Environmental Review Board.....Chris Tompsett, x25845; Heather Hopkins (CTR), x26942
- Hazardous Waste.....Vincent DeResta, x23407
- Solid Waste/Recycling.....Todd Cabral , x25896



For additional information, you can visit the  
**Code 1023 Environmental Branch webpage**





**REMEMBER, environmental compliance is the responsibility of **EVERY** government and contract worker at Division Newport.**





Congratulations,  
you have completed this course!

You must continue to the next page to record your training as complete and to view or print your certificate.

