



DEPARTMENT OF THE NAVY
NAVAL EDUCATION AND TRAINING CENTER
NEWPORT, RHODE ISLAND 02841-5000

IN REPLY REFER TO:

5090

Ser 40E/ 505

10 7. SEP 1994

From: Commander, Naval Education and Training Center
To: Commanding Officer, Navy Environmental Health Center

Subj: ANNUAL REVIEW OF PUBLIC HEALTH ACTION PLAN (PHAP)

Ref: (a) NAVENVIRHLTHCEN Itr 6200.7 Ser 63/2969 of 17 Aug 94

Encl: (1) Annual Review of the PHAP (Naval Education and Training Center)
(2) WordPerfect Version 5.2 diskette copy of Annual Review of the PHAP

1. As requested by reference (a), the Naval Education and Training Center (NETC) has completed its annual review of the PHAP which is provided in enclosures (1) and (2).
2. If you have any questions or need additional information, please contact Mr. Brad Wheeler, Installation Restoration Program Manager, at DSN 948-3735 or commercial (401) 841-3735.

W. H. RIGBY
By direction

A handwritten signature in black ink, appearing to read "W. H. Rigby", written over the typed name and "By direction".

Copy to:
NORTHNAVFACENGCOM Philadelphia PA (1823, Deborah Carlson)

ANNUAL REVIEW
PUBLIC HEALTH ACTION PLAN

Installation: Naval Education and Training Center, Newport, RI

Installation Point of Contact: Brad Wheeler, Installation Restoration Program Manager
Phone : (401) 841-3735

Engineering Field Division/Activity: Northern Division

Engineering Field Division/Activity Point of Contact: Deborah Carlson
Remedial Program Manager
Phone : (610) 595-0567 X147

Date of Final Release Public Health Assessment: 6 August 1993

Date of Annual Review by Installation: 1 September 1994

Summary by Installation of Environmental Restoration Status:

The Naval Education and Training Center is not a BRAC site. The status of the environmental restoration actions completed and scheduled for each site is indicated in the Update of Environmental Restoration Documents section of this report.

Information/Assistance Requested from ATSDR: No information/assistance has been requested.

Attached Tables:

Comments/Status Public Health Assessment Recommendations
Comments/Status Public Health Assessment PHAP
ATSDR Public Health Issues
Update of Environmental Restoration Documents

Encl (1)

COMMENTS/STATUS PUBLIC HEALTH ASSESSMENT
RECOMMENDATIONS

Recommendation #1:

Reduce the daily exposure of children with pica behavior at the day care center (Old Fire Fighting Training Area). Day care providers should be educated to recognize children with pica behavior and how to reduce the child's exposure. Also, an uncontaminated soil cover should be added to play area(s) that are identified as contaminated.

Comment(s):

Child care activities at the Teddy Colbert Child Care Center (Old Fire Fighting Training Area) were relocated to a larger child care facility within the NETC in January 1994.

Status:

Action Completed - January 1994.

COMMENTS/STATUS PUBLIC HEALTH ASSESSMENT
RECOMMENDATIONS

Recommendation #2:

Further characterize the surface soil at the Old Fire Fighting Training Area. Samples from the site were obtained from 0-6 inches. ATSDR defines surface soil samples as 0-3 inches. Grab samples (0-1 inch) may also give a better indication of the exposures of children playing in the area. Sampling numbers should be adequate to fully assess the contamination and exposure potential at the day care center.

Comment(s):

All surface soil samples collected during the Phase II Remedial Investigation were collected at a depth of 0 to 3 inches below ground surface. The samples were analyzed for PCBs, Pesticides, semivolatiles and metals.

Results are presented in the Draft Final Phase II Remedial Investigation Report and Human Health Risk Assessment dated August 1994. This report was mailed to ATSDR on August 30, 1994.

Status:

Draft Phase II Remedial Investigation was completed in April 1994.

Draft Final Phase II Remedial Investigation was completed in August 1994.

Final Phase II Remedial Investigation Report projected to be completed in October 1994.

COMMENTS/STATUS PUBLIC HEALTH ASSESSMENT
RECOMMENDATIONS

Recommendation #3:

Limit access to Melville North Landfill. Frequent exposures to trespassers at the site could be of public health concern.

Comment(s):

No action taken to date. Future action is to place signs warning trespassers of risks.

Status:

This action is expected to be completed in the beginning of FY 95.

COMMENTS/STATUS PUBLIC HEALTH ASSESSMENT
RECOMMENDATIONS

Recommendation #4:

Sample shellfish and mussels in Narragansett Bay. Shellfishing is permitted along the coastline of NETC in the area of Tank Farms Four and Five. Current plans for shellfish sampling do not include the areas of coastline near Tank Farms Four and Five. Sediments from brooks in those areas are contaminated, which could lead to contamination being transported to the bay. Shellfish and mussel sampling is needed to evaluate the potential for biota contamination in those areas.

Comment(s):

Sediment and Bivalve (Mussels and Clams) were collected in August 1993 and results provided in the Phase II Remedial Investigation Report and Ecological Risk Assessment for the Old Fire Fighting Training Area and McAllister Point Landfill.

Bivalve samples were collected in the area of Tank Farms Four and Five and analytical results are available. An Ecological Risk Assessment and a Human Health Risk Assessment have not been completed to date. Future work will consist of the completion of a Phase II Remedial Investigation for Tank Farms Four and Five which will also include a Human Health and Ecological Risk Assessment.

Status:

Sampling events at the Old Fire Fighting Training Area and McAllister Point Landfill were completed in August 1993. The Final Phase II Remedial Investigation Reports will be completed in October 1994. Sampling events for Tank Farms Four and Five were completed in August 1993. The Phase II Remedial Investigation is programmed for FY 95 with a completion date of December 1995 pending budget approval.

COMMENTS/STATUS PUBLIC HEALTH ASSESSMENT
RECOMMENDATIONS

Recommendation #5:

Speciate chromium into chromium (III) and chromium (VI). The toxicity of chromium is species specific. Speciation is necessary for comprehensive evaluation of adverse health effects.

Comment(s):

There were not any laboratory analysis completed to date to speciate chromium (III) and chromium (VI). Laboratory analysis for only total chromium were completed for samples collected at the Old Fire Fighting Training Area and the McAllister Point Landfill.

Phase II Remedial Investigation Reports assumed all chromium as chromium (VI). Human Health Risk Assessments showed no risk for chromium (VI). The report also provided comparison of a percentage breakout between chromium (III) and chromium (VI) based on a NJDEP study.

Status:

Draft Phase Remedial Investigation Report was completed in April 1994.
Draft Final Phase II Remedial Investigation Report was completed in August 1994.
Final Phase II Remedial Investigation Report projected to be completed by October 1994.

COMMENTS/STATUS PUBLIC HEALTH ASSESSMENT
RECOMMENDATIONS

Recommendation #6:

Remediate Melville North Landfill before it is developed into a marina.

Comment(s):

The Phase II Remedial Investigation is scheduled to begin in November 1994. The Remedial design was completed to remove two hot spots of contamination. The construction award is scheduled for November 1994.

Status:

The Phase II Remedial Investigation is scheduled to be completed in March 1996.
The construction of the remedial design is projected to be completed in October 1995.

COMMENTS/STATUS PUBLIC HEALTH ASSESSMENT
RECOMMENDATIONS

Recommendation #7:

Evaluate the public health implications of future use of sites at NETC before they are developed. Increased frequency of exposure at the sites as a result of development could cause exposures of public health concern.

Comment(s):

No actions completed to date.

Status:

No action completed to date.

COMMENTS/STATUS PUBLIC HEALTH ASSESSMENT
RECOMMENDATIONS

Recommendation #8:

Provide personal protection to remedial workers in accordance with OSHA regulations and NIOSH guidelines at all sites.

Comment(s):

All remedial workers under contract with the Navy to perform remedial activities at sites on the NETC are required to wear the appropriate personal protection equipment necessary for the work they are performing. All work is being completed according to 29 CFR 1910 and OSHA Guidance Manual for Hazardous Waste Site Activities.

Status:

This action is considered complete.

COMMENTS/STATUS PUBLIC HEALTH ASSESSMENT
PUBLIC HEALTH ACTION PLAN

Actions Planned #1:

ATSDR will coordinate with Navy and state agencies to develop a PHAP for this site to evaluate implementing the site recommendations.

Comment(s):

No action for Naval Education and Training Center, Newport.

Status:

No action for Naval Education and Training Center, Newport.

COMMENTS/STATUS PUBLIC HEALTH ASSESSMENT
PUBLIC HEALTH ACTION PLAN

Actions Planned #2:

NETC will collect surface soil samples (approximately twelve) specifically from the 0 to 3 inch depth at the Old Fire Fighting Training Area (37). Those samples will be collected to reflect representative areas where the children play. Samples will be analyzed for inorganics, PCBs, and PAHs.

Comment(s):

All surface soil samples collected during the Phase II Remedial Investigation were collected at a depth of 0-3 inches below the ground surface and analyzed for inorganics, PCBs and PAHs.

Results are presented in the Draft Final Phase II Remedial Investigation Report and Human Health Risk Assessment dated August 1994. This report was mailed to ATSDR on August 30, 1994.

Status:

Draft Phase II Remedial Investigation was completed in April 1994.
Draft Final Phase II Remedial Investigation was completed in August 1994.
Final Phase II Remedial Investigation Report projected to be completed in October 1994.

COMMENTS/STATUS PUBLIC HEALTH ASSESSMENT
PUBLIC HEALTH ACTION PLAN

Actions Planned #3:

ATSDR will provide an annual follow up to this PHAP, outlining the actions completed and those in progress. This report will be placed in repositories that contain copies of this health assessment, and will be provided to persons who request it.

Comment(s):

No action for Naval Education and Training Center, Newport.

Status:

No action for Naval Education and Training Center, Newport.

ATSDR PUBLIC HEALTH ISSUES

ATSDR has identified the following key public health issues.

Indicate with a check either YES or NO for the issues. If YES is indicated, attach a summary explanation.

Confirmed or potential human exposure is identified, past or present (e.g., suspected or confirmed fish contamination, drinking water supply contamination, or surface soil contamination in areas with current land use)	YES	NO X
Physical or explosive hazards are present in a condition that cannot be abated immediately and where people may be at risk (e.g., deteriorated buildings where newly discovered trespassing activity has occurred, newly discovered unexploded ordnance, or receipt of monitoring data for methane from a landfill close to housing)		X
Changes in land use near, in, or affected by the source areas that may have or could result in human exposure (e.g., leases, land transfers or new military use involving people)		X
Off-site migration of contaminants has been identified, characterized, or is probable	X(*)	
New community health concerns are voiced		X
Health outcome data, studies, or other information reviewed or generated by DOD addresses adverse health outcomes plausibly associated with site contamination		X

* Off-site migration of contaminants have been identified/characterized and are probable in the sediments adjacent to the Old Fire Fighting Training Area and McAllister Point Landfill.

UPDATE OF ENVIRONMENTAL RESTORATION DOCUMENTS

Documents Received From 6 August 1993 to present:

SITE 01 - McAllister Point Landfill

Date	Document Name
8/93	Preliminary Wetland Assessment - McAllister Point Landfill
9/93	Record of Decision Source Control Operable Unit
9/93	Remedial Design Work Plan
12/93	Design Analysis for 35% Design Development Submission
2/94	Draft Volume I, Remedial Investigation Report, Appendices A-O
2/94	Draft, Volume I, Remedial Investigation Report, Technical Report
2/94	Draft Volume II, Human Health Risk Assessment Report
2/94	Draft, Off-Shore Investigation, Assessment of Chemical Contamination
4/94	Draft, Leachate Generation, Fate and Transport and Ecological Assessment
4/94	Design Analysis for 90% Final Design Submission
5/94	Draft, Ecological Risk Assessment Report
7/94	Draft Final, Human Health Risk Assessment Report, Technical Report
7/94	Draft Final, Volume I, Remedial Investigation Report, Appendices A-R
7/94	Draft Final, Volume I, Remedial Investigation Report, Technical Report

SITE 02 - Melville North Landfill

Date	Document
10/93	Contract No. N62472-93-B-1696, Removal of Contaminated Soil Mounds
2/94	Contract No. N62472-93-C-0293, Removal Action for Melville No. Landfill
2/94	Design Analysis for 90% Final Submission, Removal Action
2/94	Draft, Off-Shore Investigation, Assessment of Chemical Contamination

SITE 09 - Old Fire Fighting Training Area

Date	Document
2/94	Draft, Off-Shore Investigation, Assessment of Chemical Contamination
3/94	Draft, Volume I, Remedial Investigation Report, Technical Report
4/94	Draft, Volume II, Human Health Risk Assessment Report, Technical Report
8/94	Draft Final, Volume I, Remedial Investigation Report, Appendices A-O
8/94	Draft Final, Volume I, Remedial Investigation Report, Technical Report
8/94	Draft Final, Volume II, Human Health Risk Assessment Report, Technical Report

SITE 12 - Tank Farm 4

Date	Document
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10/93	Contract Number N62472-93-M-1943, Remediate Oil/Water Separator
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SITE 13 - Tank Farm 5

Date	Document
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12/93	Soil Investigation Report, Tanks 53 & 56, Tank Farm 5
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1/94	90% Final Design Submission for Soil Remediation, Tank 53, Tank farm 5
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1/94	Work Plan, Soil Remediation, Tank 53, Tank Farm 5
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2/94	Draft, UST Closure Plan and Conceptual Design Tank Farm 5
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3/94	90% Final Design Submission for Tank Content Removal Action, Tank Farm 5
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4/94	Contract No. N62472-94-C-0400, Soil Remediation, Tank 53, Tank Farm 5
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5/94	Contract No. N62472-94-D-0808, Tank Content Removal Action, Tank Farm 5
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