



STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS

Department of Environmental Management  
DIVISION OF SITE REMEDIATION  
291 Promenade Street  
Providence, R.I. 02908-5767

Sept. 7, 1994

Debra Carlson  
Remedial Project Manager  
U.S. Department of the Navy  
Northern Division  
Naval Facilities Engineering Command  
10 Industrial Highway  
Code 1823-Mail Stop 82  
Lester, PA 199113-2090

RE: McAllister Point Landfill and Old Fire Fighter Training Area Human Health Risk Assessment Report, Naval Education and Training Center, Newport, Rhode Island.

Dear Ms. Carlson:

The State has indicated that the Human Health Risk Assessment for the above sites should address shell fish consumption by children. The State position is based upon the fact that children are more sensitive to certain contaminants, such as lead, than adults. During the 17 August 1994 Technical Review Committee Meeting, the Navy's consultant indicated that they would not be able to address the State's concern due to a lack of information concerning shellfish ingestion rates by children.

The Navy requested that the State assist in obtaining information concerning ingestion rates for children. The requested information was transmitted via the telephone to the Navy. Per the Navy's request the State is also providing this information in writing.

Please find attached references which may be used to address the State's concern. If you have any questions concerning the enclosed attachment, please contact me at (401) 277-3872 ext. 7111.

Sincerely,

*Paul Kulpa*  
Paul Kulpa, Project Manager  
Division of Site Remediation

cc: Warren S. Angell, DEM DSR  
Richard Gottlieb, DEM DSR  
Greg Fine, DEM DSR  
Andrew Miniuks, USEPA Region I  
Brad Wheeler, NETC

## References

Environmental Protection Agency, Exposure Factors Handbook. Office of Health and Environmental Assessment, EPA/6000/8-89/043. <sup>1</sup>

Environmental Protection Agency, Guidance Manual for Assessing Human Health Risk From Chemically Contaminated Fish and Shellfish, Office of Marine and Estuarine Protection EPA/503/8-89/002. <sup>1</sup>

U.S. Department of Health and Human Services Public Health Services Agency for Toxic Substance and Disease Registry, Toxicological Profile of Contaminant of Concern. <sup>2</sup>

1. Obtained from Risk Assessment Guidance for Superfund Volume I Human Health Evaluation Manual (Part A) EPA/5401-89/002
2. These documents provides useful information concerning health affects of various contaminants. For example, the Toxicological Profile for Lead contains information on the total dietary lead intake based on age and sex. This information may be used to extrapolate shellfish lead intake by children.