



RHODE ISLAND  
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

235 Promenade Street, Providence, RI 02908-5767

TDD 401-831-5508

9 October 1997

Mr. Philip Otis, P.E., Remedial Project Manager  
US Department of the Navy, Northern Division  
Code 18, Mail Stop #82  
10 Industrial Highway  
Lester, PA 19113-2090

RE: PCBs at IR Site 13  
NCBC Davisville, Rhode Island

Dear Mr. Otis;

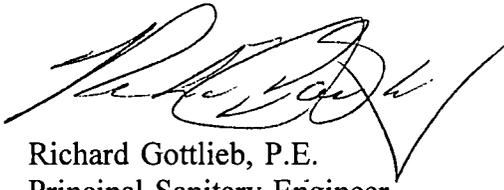
The Rhode Island Department of Environmental Management, Office of Waste Management has reviewed the various correspondence concerning PCBs at the above referenced site.

The results of the human health risk assessment (document submitted 3 July 1997) shows a maximum cancer risk of  $1 \times 10^{-4}$  for all scenarios considered and hazard quotients ranging from 2 to 8 for future residential adults and children at this site. While cancer risks are within the acceptable range; hazard quotients indicate a potential risk, however; the site is to be utilized as commercial/industrial and it is presumed a restriction would be placed on the site prohibiting residential use.

The results of the ecological risk assessment (document submitted 3 July 1997) demonstrated a risk to the robin, hawk, and shrew with hazard quotients of 22, 94, and 652, respectively for Aroclor-1248. These hazard quotients exceed the threshold of 10. Similarly, the risks to the robin, hawk, and shrew from Aroclor-1254 had hazard quotients of 54, 229, and 249, respectively, again exceeding the threshold of 10. Subsequent revisions to this risk analysis, utilizing less conservative, but reasonable assumptions, still demonstrated a risk to the shrew of 163 and 62.3 for Aroclors 1248 and 1254, respectively.

Based on the above, ecological risks remain at the site which need to be addressed. RIDEM is therefore requesting the Navy prepare a feasibility study to determine the most appropriate way to remediate risks at IR Site 13. If you have any questions or require additional information please call me at (401) 277-3872 ext. 7138.

Sincerely,

A handwritten signature in black ink, appearing to read 'Richard Gottlieb', written over a horizontal line.

Richard Gottlieb, P.E.  
Principal Sanitary Engineer

cc: W. Angell, DEM OWM  
C. Williams, EPA Region 1  
H. Cohen, RIEDC  
M. Cohen, ToNK  
W. Davis, CSO NCBC  
J. Shultz, EA Eng.

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