

9/17/02-01099

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION III
1650 Arch Street
Philadelphia, Pennsylvania 19103

17 September 2002

Commander, Atlantic Division
Naval Facilities Engineering Command
Environmental Quality Division, Code: 1822
1510 Gilbert Street
Norfolk, Virginia 23511-2699
Attn.: Winoma Johnson

Re: *Draft Remedial Investigation*
SWMU 14, Q-50 Satellite Accumulation Area
Naval Station Norfolk, Norfolk Virginia

Dear Ms. Johnson:

The Environmental Protection Agency has reviewed the above referenced document. The following toxicological comments are offered.

1. Table 2.2. The report indicates a maximum of 46 surface soil samples were collected. However, the Analytical Results for surface Soil (Table F-1-1) report indicates a total of 47 surface soil samples. Duplicate samples were identified at station Locations NBW14-DS18, NBW14-DS24, NBW14-DS26, NBW14-DS47, NBW14-DS49 and NBW14-DS54. Please identify any additional duplicate samples?
2. Table 7.5RME. Please explain why the individual inhalation carcinogenic risk for the adult and child resident is not included in the report?
3. Table 2.4RME. An incorrect RfD is report for Aroclor-1254. The correct value is 5E-05. However, the error does not change the reported risk value.
4. Table 7.29RME. The risk results cannot be duplicated. Please recheck the final risk values.
5. Table 7.29, 7.29a, 7.30, 7.30a, 7.31, 7.31a. RME Please explain how Daevent and risk were calculated for 2-methylnaphthalene, 2-methylphenol, 4-methylphenol, acenaphthene, dibenzofuran, and flourene when there are no report values for t*, Beta, and Tau?

6. Table 7.32RME Supplement. 1,4-dichlorobenzene is reported twice on the worksheet.
7. Table 8.5RME Please explain why the individual inhalation carcinogenic risk for the adult and child resident is not included in the report?
8. Table 9.6RME, Inhalation of Shallow Groundwater-Water Vapors at Showerhead, Adult/Child Resident. The table incorrectly provides inhalation risk results for the Adult Resident only. Since this receptor is the Adult/Child resident, these risk results should not be provided in this column.

If you have any questions concerning any of these comments, please call me (215) 814-5129.

Sincerely,



Mary T. Cooke
Remedial Project Manager

cc: Randy Sawyer, WNSTN
Devlin Harris, VDEQ
John Tomik, CH2M HILL