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LETTER AND COMMENTS FROM STATE OF MAINE DEPARTMENT OF ENVIRONMENTAL
PROTECTION REGARDING DRAFT FEASIBILITY STUDY OPERABLE UNIT 7 (OU7) NSY
PORTSMOUTH ME
12/6/2012
STATE OF MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION



STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION

PAUL R. LEPAGE
GOVERNOR

PATRICIA W. AHO
COMMISSIONER

December 6, 2012

Elizabeth Middleton
NAVFAC MIDLANT
Code OPTE3
9742 Maryland Ave
Norfolk, VA 23511

re: Draft OU7 Feasibility Study, Navy October 25, 2102 responses to MEDEP July 31, 2012 comments, Portsmouth Naval Shipyard, Kittery, ME.

Dear Liz,

The Maine Department of Environmental Protection has reviewed the Navy's Responses to Comments referenced above. MEDEP is satisfied with the Navy's responses however we have the following comment regarding PRGs for carcinogenic compounds at OU7 as discussed in Section 2 of the FS.

MEDEP has developed a draft Risk Calculator for Soil as an Excel file (available from <http://www.maine.gov/dep/spills/publications/guidance/index.html#re>). Using the revised construction worker PRG for dioxin TEQs as discussed in the Navy's response to USEPA's Comment 1 (0.000600 mg/kg), and the construction worker PRG for PCBs as inputs results in a construction worker incremental lifetime cancer risk (ILCR) of 2.4×10^{-6} . This level is lower than MEDEP's ILCR guidance of 1×10^{-5} .

Using the revised residential PRG for dioxin TEQs (0.000050 mg/kg), the residential PRG for PCBs and the residential PRG for cPAHs as inputs results in an ILCR of 2.9×10^{-5} . This level slightly exceeds MEDEP's ILCR guidance.

However, both Alternatives 2 and 3 include Land Use Controls to prevent residential use of the property. Therefore, based on currently available data, MEDEP is satisfied that neither residential users or construction workers will be exposed to unacceptable risk at OU7 following remedy implementation, so long as either Alternative 2 or 3 is selected.

Please feel free to contact me at (207) 287-8010 if you have any questions.

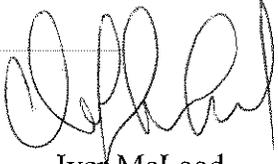
AUGUSTA
17 STATE HOUSE STATION
AUGUSTA, MAINE 04333-0017
(207) 287-7688 FAX: (207) 287-7826
RAY BLDG., HOSPITAL ST.

BANGOR
106 HOGAN ROAD, SUITE 6
BANGOR, MAINE 04401
(207) 941-4570 FAX: (207) 941-4584

PORTLAND
312 CANCO ROAD
PORTLAND, MAINE 04103
(207) 822-6300 FAX: (207) 822-6303

PRESQUE ISLE
1235 CENTRAL DRIVE, SKYWAY PARK
PRESQUE ISLE, MAINE 04679-2094
(207) 764-0477 FAX: (207) 760-3143

Sincerely,

A handwritten signature in black ink, appearing to read 'Iver McLeod', written over a horizontal dotted line.

Iver McLeod
Project Manager
Bureau of Remediation and Waste Management

pc:

Chris Evans, MEDEP
Matt Audet, USEPA
Bryan Peed, NavFac
Lisa Joy, US Navy
Matt Thyng, US Navy
Debbie Cohen, TtNUS
PNSY RAB
Doug Grout, NH Fish and Game
Carolyn LePage, SAPL
File