

N00102.AR.002277
NSY PORTSMOUTH
5090.3a

LETTER INFORMING U S EPA REGION I OF ANALYTICAL METHODS FOR SITE 10
ADDITIONAL INVESTIGATION NSY PORTSMOUTH ME
10/11/2001
PORTSMOUTH NAVAL SHIPYARD



DEPARTMENT OF THE NAVY

ENGINEERING FIELD ACTIVITY, NORTHEAST
NAVAL FACILITIES ENGINEERING COMMAND
10 INDUSTRIAL HIGHWAY
MAIL STOP, #82
LESTER, PA 19113-2090

IN REPLY REFER TO

5090
Code EV23/FE
October 11, 2001

Ms. Meghan Cassidy
U.S. Environmental Protection Agency, Region I
1 Congress Street
Suite 1100
Mail Code HBT
Boston, MA 02114-2023

Mr. Iver McLeod
Maine Department of Environmental Protection
State House Station 17
Augusta, ME 04333-0017

Dear Ms. Cassidy/Mr. McLeod:

SUBJECT: SITE 10 ADDITIONAL INVESTIGATION; INSTALLATION
RESTORATION PROGRAM FOR PORTSMOUTH NAVAL SHIPYARD

We have been informed Katahdin Analytical Services will be using Inductively Couple Plasma-Mass Spectrometry (ICP-MS) in lieu of Graphite Furnace-Atomic Absorption (GFAA) for analysis of thallium.

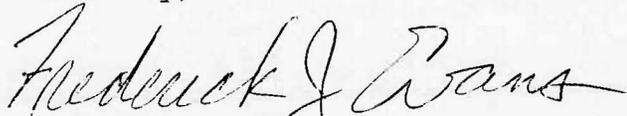
Enclosed is Katahdin Analytical Services' Standard Operating Procedure for the Trace Metals Analysis by ICP-MS using USEPA Method 6020. The fresh water detection limits for thallium using ICP-MS provided by the laboratory indicate that an order-of-magnitude (ten times) or lower detection limits can be achieved compared to GFAA or ICP-trace. The laboratory's Method Detection Limit Study for saline water will be provided upon receipt from the laboratory.

Your comments on the proposed procedure are requested on or before October 25, 2001. The Site 10 Additional Investigation Quality Assurance Project Plan will be updated based on the change of analytical method.

5090
Code EV23/FE
October 11, 2001

If additional information is required please contact Mr. Fred Evans at (610) 595-0567 x159.

Sincerely,



Frederick J. Evans
Remedial Project Manager
By Direction of the
Commanding Officer

Copy to: (w/o enclosure)
NOAA (K. Finkelstein)
USFWS (K. Munney)
MEDMR (D. Card)
NHFG (C. McBane)
Mr. Doug Bogen
Mr. Jeff Clifford
Ms. Michele Dionne
Mr. James Horrigan
Ms. Mary Marshall
Mr. Phil McCarthy
Mr. Jack McKenna
Mr. Onil Roy
Dr. Roger Wells
Ms. Carolyn Lepage
PNS Code 100PAO
COMSUBGRU TWO (R. Jones)
PNS (Code 106.3R)
TtNUS (D. Cohen)
TtNUS (C. Race)