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TRANSMITTAL LETTER FOR THE REVISED PERMIT APPLICATION FOR SUBPART X  
PERMIT FOR OPEN BURNING/ OPEN DETONATION OF WASTE PROPELLANTS AND  
EXPLOSIVES NWS EARLE NJ  
4/11/2001  
NWS EARLE



## DEPARTMENT OF THE NAVY

NAVAL WEAPONS STATION EARLE  
201 HWY 34 SOUTH  
COLTS NECK, NEW JERSEY 07722-5001

IN REPLY REFER TO

5090  
Ser 043/024  
11 Apr 01

Mr. Anthony Fontana  
State of New Jersey Department of Environmental Protection  
Bureau of Hazardous Waste and Transfer Facilities  
401 East State Street  
P. O. Box 414  
Trenton, New Jersey 08625

RE: SUBPART X PERMIT APPLICATION FOR OPEN BURNING / OPEN DETONATION OF  
WASTE PROPELLANTS AND EXPLOSIVES AT NAVAL WEAPONS STATION EARLE,  
COLTS NECK, MONMOUTH COUNTY, NEW JERSEY, US EPA ID No. NJ0 170 022 172

Dear Mr. Fontana,

Naval Weapons Station Earle submitted a proposal to you on March 9, 2001 to limit lead emissions from small arms and propellant burning operations. The letter indicated that revised pages of our Subpart X permit application, incorporating the lead emissions limitations, would be issued to your Bureau within 30 days.

The permit application revisions are enclosed; three copies are provided for your distribution and use. The revisions are summarized, as follows:

a. In Volume 1, Section B-1c(1) was revised to include new information on lead emissions limitations for treatment at the propellant pans and the small arms pan.

Page Changes: In Volume 1, remove and discard Pages B-2 and B-3 from the current version of the permit application. Replace these pages with the revised Pages B-2 and B-3 enclosed with this letter.

b. In Volume 1, the Executive Summary was revised to acknowledge the new lead emissions limitations for treatment at the propellant pans and the small arms pan and the change in hazard quotients at the Closest Offsite Sensitive and North 18 Boundary receptors.

Page Changes: In Volume 1, remove and discard Page ES-1 from the current version of Section E-2. Replace this page with the revised Page ES-1 enclosed with this letter.

c. In Volume 1, Section E-2-3c(1) was revised to include new information on lead emissions limitations for treatment at the propellant pans and the small arms pan. Tables E-2-15, E-2-16, E-2-18, E-2-19, E-2-27 and E-2-28 were revised to reflect the maximum treatment limit of lead in the propellant pans and the small arms pan, as well as the recalculation of air concentrations and hazard quotients. The insertion of additional text in Section E-2-3c(1) changed the pagination of Section E-2 from Page E-2-4, and following. As a result, Pages E-2-4 through E-2-60 of Section E-2 were re-issued as change pages.

Page Changes: In Volume 1, remove and discard Pages E-2-4 through E-2-60 from the current version of Section E-2. Replace these pages with the revised Pages E-2-4 through E-2-60.

d. In Volume II, spreadsheets were revised to reflect the change in maximum lead treatment quantities at the propellant pans and the small arms pan. These changes resulted in revised calculations for lead emissions, lead concentrations and hazard quotients. The revised spreadsheets are: ADF\_2.XLS, GLCS.XLS, HQS.XLS and MASTER.XLS.

Disk Change: In Volume II, remove and discard the disk labeled "Appendix E-2-4 NWS Earle, Spreadsheets, Dispersion Factors, Concentrations, etc. Revised 11/22/99." Replace this disk with the one enclosed with this letter, labeled "Revised 04/08/2001."

Please contact Mr. Gregory Goepfert, Environmental Engineer, at (732) 866-2515, should you have any further questions regarding this matter.

Sincerely,



C. B. SHAW  
Captain, USN  
Commanding Officer

EOD DET EARLE (w/encl.)

OFFICE OF COUNSEL, Code C7 (w/o encl.)

NORTHNAVFACENGCOM, Code 18 (Mr. Paul Burgio) (w/o encl.)

CNRNE, REGIONAL ENVIRONMENTAL COORDINATOR (Mr. Robert F. Jones) (w/o encl.)

NSWC INDIAN HEAD DIVISION, CODE 0E5 (Ms. Lois Bohne) (w/o encl.)

U.S. EPA REGION II (Mr. Barry Tornick)(w/encl.)

Tetra Tech NUS, Inc. (Mr. Ralph Basinski)(w/o encl.)