



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3590

REPLY TO THE ATTENTION OF:

May 30, 2000

DW-8J

Mr. Tom Brent
Naval Surface Warfare Center
EPD, Code 095 B-3260
300 Highway 361
Crane, IN 47522-5001

Re: QAPP for Insect Collection and
Analysis at the Ammunition Burning
Grounds Conditional Approval

Dear Mr. Brent:

The United States Environmental Protection Agency (U.S. EPA) has reviewed the Quality Assurance Project Plan for Insect Collection and Analysis at the Ammunition Burning Grounds Revision 3 dated March 2000.

The U.S. EPA hereby grants conditional approval of this QAPP. The conditions are included as an enclosure to this letter and should be addressed as soon as possible. Also included as an enclosure is a copy of the completed signature page.

If you have any questions regarding this matter, please contact me at (312) 886-7890.

Sincerely,

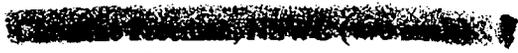
A handwritten signature in black ink, appearing to read "Peter Ramanauskas".

Peter Ramanauskas
Environmental Engineer
WMB, Corrective Action Section

Enclosures: 2

Filename: Bat QAPP CondApprov2.wpd

cc: Core Team Members:



Doug Griffin, IDEM (w/ encls)

Project Team Members:

Allen Debus, USEPA (w/ encls)

Lori Pruitt, USFWS (w/ encls)

Dan Mazur, USEPA (w/ encls)

Conditional Approval of Bat/Insect Collection QAPP

Condition 1:

Include data obtained from U.S. FWS on explosives and inorganics levels in Tables 2 and 3 when such information becomes available. Create a new table comparing the anticipated detection limits for all analytes (inorganic and organic) to the proposed levels of concern.

Condition 2:

Copies of the 8330 SOP no. M-8330-ECC-OP/A, Ver. 1.0 and the Phosphorous SOP should be provided that have been signed & dated by an approving official. (Did someone ever sign a copy of the 8330 SOP on Jan. 31, 1999?) Also, the laboratory name & facility address should appear on the cover pages of the SOPs.

Condition 3:

Appendix 5 of the 8330 SOP mentioned above, dated Jan. 31, 1996, should be supplemented with retention time data for each of the degradation products to be reported in this project. (Because the degradation products will be analyzed using the same extract & analysis run as for the standard 14 compounds (minus tetryl), there could conceivably be coelution of degradation compounds w/standard compounds on the primary column.) And just to "confirm", it does appear that even though the degradation products will be confirmed using the photo diode array detector, the other standard analytes will be confirmed using a secondary confirmation column, as stated in the SOP.

Condition 4:

The list of laboratory quality control qualifiers which will be used to qualify explosives data should be provided.

QUALITY ASSURANCE PROJECT PLAN
FOR
INSECT COLLECTION AND ANALYSIS AT THE
AMMUNITION BURNING GROUNDS
CRANE DIVISION, NAVAL SURFACE WARFARE CENTER

REVISION 3
DATE
MARCH 2000

NSWC Crane Project Manager

Thomas J. Beant (3/21/00)

Laboratory Manager

Ann B. Henry 16 Mar 2000

U.S. EPA, Region V, RCRA Permit Writer

Robert J. ... 5/30/2000

U.S. EPA, Region V, Regional Quality Assurance Manager

Albert Debra 5-30-00