



ERNIE FLETCHER  
GOVERNOR

**ENVIRONMENTAL AND PUBLIC PROTECTION CABINET**  
DEPARTMENT FOR ENVIRONMENTAL PROTECTION

TERESA J. HILL  
SECRETARY

Division of Waste Management  
663 Teton Trail  
Frankfort, KY 40601  
[www.kentucky.gov](http://www.kentucky.gov)

October 31, 2007

Certified No. 7005 1820 0006 1175 6058  
Return Receipt Requested

Blue Grass Army Depot  
Attn: Colonel Richard J. Mason Jr.  
431 Battlefield Memorial Highway  
Richmond, KY 40475

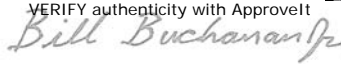
Re: Notice of Violation  
AI ID: 2805  
AI Name: Blue Grass Army Depot  
Activity ID: ENV20070003  
Permit No. KY8-213-820-105  
Madison County, KY

Dear Colonel Richard J. Mason Jr.:

The Kentucky Department for Environmental Protection (DEP) has issued the enclosed Notice of Violation for violations discovered at your facility. Please review this Notice of Violation carefully to ensure that all remedial measures are completed by the specified deadlines.

Your cooperation and attention to this matter is appreciated. If you have any questions, please contact me at (502) 564-3358.

Sincerely,

E-Signed by Buchanan, Bill  
VERIFY authenticity with ApproveIt  


Mr. Bill Buchanan Jr.,  
Environmental Inspector III  
Division of Waste Management

Enclosure

**COMMONWEALTH OF KENTUCKY  
ENVIRONMENTAL AND PUBLIC PROTECTION CABINET  
DEPARTMENT FOR ENVIRONMENTAL PROTECTION  
Division of Waste Management**

**NOTICE OF VIOLATION**

**To:** Blue Grass Army Depot  
Colonel Richard J. Mason Jr.  
431 Battlefield Memorial Highway  
Richmond, KY 40475

**AI Name:** Blue Grass Army Depot      **AI ID:** 2805      **Activity ID:** ENV20070003

**County:** Madison

**Enforcement Case ID:**

**Date(s) Violation(s) Observed:** 10/31/2007

This is to advise that you are in violation of the provisions cited below:

**1 Violation Description for Subject Item AAZZ000000001Blue Grass Army Depot, KY8-213-820-105(AI 2805):**

PART II - Specific Conditions - General Facility Standards: Annual Training. All employees involved in hazardous waste management at the facility shall be given an appropriate annual (365 days) review of the initial training. Based on the following regulation: [401 KAR 34:020 Section 7(3)]

**Description of Non Compliance:**

Since the operator certification program is a substantial component of the on-going training for employees performing RCRA required air monitoring, additional guidelines shall be developed in regards to the operator certification program. These guidelines shall establish what constitutes an assignable or unassignable failure, and will result in less subjectivity in the failure assignment process. BGAD/BGCA shall develop and submit these operator certification guidelines to the Division within 30 days of receipt of this NOV. See attached investigation report for additional details.

**2 Violation Description for Subject Item GSTO000000004CLA, Chemical Storage Igloos(Chemical Storage Igloos):**

PART II - Specific Conditions - General Facility Standards: Personnel Training. The Permittee shall comply with the procedures is Personnel Training, (Chemical Storage), Attachment H2.Based on the following regulation: [401 KAR 34:020 Section 7]

**Description of Non Compliance:**

BGAD is found to be in violation of permit condition T-17 by not adhering to the requirements of attachment H2, personnel training. Adequate hands-on training and classroom instruction is to be performed to ensure that employees are knowledgeable about their actions to prevent releases of chemical agents that could result in adverse effects to human health and the environment. The permit attachment H2, personnel training shall be revised to include the incorporation of adequate hands on training and classroom instruction to the employees handling nerve/blister agents. The revision of this attachment shall be submitted to the Hazardous Waste Branch Manager and copied to the Frankfort Field Office within 30 days of receipt of this NOV. The updated attachment shall be incorporated into the permit during the next opportunity for permit modification. See attached investigation report for additional details.

**3 Violation Description for Subject Item GSTO000000004CLA, Chemical Storage Igloos(Chemical Storage Igloos):**

PART II - Specific Conditions - Management of Hazardous Waste in Containers: Proper Handling.(1) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.(2) Chemical Munitions shall not be moved without an approved work plan, except in emergencies. Based on the following statute and regulation: KRS 224.50-130(5), [401 KAR 34:180 Section 4(2)]

**Description of Non Compliance:**

In reference to the cracked firing tube incident, the container holding hazardous waste was stored in a manner which caused the container to rupture and leak. BGAD/BGCA shall continue to ensure through proper visual inspection that munition(s) are not stored in a manner that could cause the munition(s) or shipping and firing tube(s) to rupture and leak. See attached investigation report for additional details.

**4 Violation Description for Subject Item GSTO000000004CLA, Chemical Storage Igloos(Chemical Storage Igloos):**

PART II - Specific Conditions - General Facility Standards: The Permittee shall comply with all requirements set forth under the regulation(s) specified in this paragraph, and the attachment, "Waste Analysis Plan," that is incorporated into this permit. In accordance with the following regulation(s) effective on 03/12/1997: [401 KAR 34:020 Section 4]

**Description of Non Compliance:**

In reference to the cracked firing tube incident, BGAD is found to be in violation for failing to perform an adequate waste characterization by failing to obtain a detailed chemical and physical analysis of a representative sample of the waste. BGAD/BGCA shall develop a written plan or amend existing plans to ensure that procedures are in place to allow for those waste materials that were generated to be characterized properly. This plan or amendment shall be submitted to the Division within 30 days of receipt of this NOV. See attached investigation report for additional details.

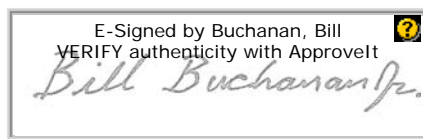
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Violations of the above cited statute(s) and/or regulation(s) are subject to a civil penalty per day per violation. Violations carry civil penalties of up to \$25,000 per day per violation depending on the statutes/regulations violated. In addition, violations may be concurrently enjoined. Compliance with remedial measures and their deadlines does not provide exemption from liability for violations during the period of remediation, nor prevent additional remedial measures from being required.

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If you have questions or need further information, write or call the undersigned:

Division of Waste Management  
Frankfort Regional Office  
663 Teton Trail  
Frankfort, KY 40601  
(8:00 AM – 4:30 PM)  
Mr. Bill Buchanan Jr., Environmental Inspector III



Issued By: \_\_\_\_\_  
Mr. Bill Buchanan Jr., Environmental Inspector III  
Date: October 31, 2007

Issued By: \_\_\_\_\_  
Mr. Lloyd Funkhouser, Environmental Control Supervisor  
Date: October 31, 2007

How Delivered: Certified Mail Certified/Registered # 7005 1820 0006 1175 6058