

Kentucky Natural Resources and Environmental Protection Cabinet
Department for Environmental Protection
Division of Waste Management
14 Reilly Road - Frankfort, Kentucky 40601

DO NOT WRITE IN THIS SPACE

**Part A of the Kentucky Hazardous Waste
Permit Application**

Facility's EPA ID No.

K	Y	8	2	1	3	8	2	0	1	0	5
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FOR OFFICIAL USE ONLY

Fee Submitted: \$ _____ Receipt No.: _____ Date: _____

FIRST SUBMITTAL (*see INSTRUCTIONS*) REVISION PAGE 1 OF 12

RENEWAL

1. Name of Facility: BLUE GRASS ARMY DEPOT

2. Location of Facility: 431 BATTLEFIELD MEMORIAL HIGHWAY

City: RICHMOND State: KY Zip Code: 40475-5060

3. County: MADISON *See INSTRUCTIONS:* Latitude: 37°42'00"N Longitude: 84°12'30"W

4. Name of Land Owner: *See INSTRUCTIONS:* U.S. DEPARTMENT OF THE ARMY

Legal status of Land Owner: Federal (F) State (S) County (C) Indian (I)

Municipal (M) District (D) Private (P)

Other (O) specify: _____

3. Land Owner's Mailing Address: 431 BATTLEFIELD MEMORIAL HIGHWAY

City: RICHMOND State: KY Zip Code: 40475-5001

Facility Land Owner's Telephone Number: (859) 779-6246

5. Existing Facilities, provide the date operation began or construction commenced: 1941
(Month, Day, Year)

New Facilities, provide the date operation is expected to begin: _____
(Month, Day, Year)

6. Facility Mailing Address: SAME AS LAND OWNER'S MAILING ADDRESS

City: _____ State: _____ Zip Code: _____

7. Facility Contact Person: Mr. RAMESH MELARKODE

Title: CHIEF, ENVIRONMENTAL DIVISION Phone Number: (859) 779-6268

Facility Contact Person may be reached at Mailing Address Location Address Other Specify: _____

Street Address: _____

City: _____ State: _____ Zip Code: _____

Facility's EPA ID Number

K	Y	8	2	1	3	8	2	0	1	0	5
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8. Name of Facility Operator: *See INSTRUCTIONS:* U.S. DEPARTMENT OF THE ARMY

Type of Owner: Federal (F) State (S) County (C) Indian (I)

Municipal (M) District (D) Private (P)

Other (O) specify: _____

Operator's Mailing Address: SAME AS LAND OWNER'S MAILING ADDRESS ABOVE

City: _____ State: _____ Zip Code: _____

Facility Operator's Telephone Number: (859) 779-6246

New Operator Assumed Responsibility for Facility on this Date: References BGCA/CLA operator , SEE PAGE 13
(Month, Day, Year)

9. Name of Facility Owner: *See INSTRUCTIONS:* U.S. DEPARTMENT OF THE ARMY

Legal status of Land Owner: Federal (F) State (S) County (C) Indian (I)

Municipal (M) District (D) Private (P)

Other (O) specify: _____

Owner's Mailing Address: SAME AS MAILING ADDRESS ABOVE

City: _____ State: _____ Zip Code: _____

Facility Owner's Telephone Number: (859) 779-6246

New Operator Assumed Responsibility for Facility on this Date: _____ 1941
(Month, Day, Year)

10. SIC Codes: (1) 9711 (2) _____ (3) _____ (4) _____

Briefly describe the type of business conducted at this site: NATIONAL SECURITY (U.S. ARMY)

BGAD OPERATOR

Facility's EPA ID Number

11. PROCESS DESCRIPTION. *See Instructions*

K Y 8 2 1 3 8 2 0 1 0 5

Commercial Indicator	Unique Unit or Group Name	Legal Status Code	Process Codes	Process Design Capacity Of All Units Listed Under This Name	Unit of Measure	Number Of Individual Units In This Process	Operating Status Code	Description Of Process
3	Storage Container Igloo B402	PI	S01	16000.00	G	1	OP	Storage of Waste Other than Chemical Munitions Items.
3	Storage Container Igloo B404	PI	S01	16000.00	G	1	OP	Storage of Waste Other than Chemical Munitions Items.
4	Storage Igloos (B608, B612, G108, G109)	IT	S01	0.00	N/A	4	CC	Igloos that previously contained hazardous waste. Clean Closed 4-20-1999
3	Open Detonation	IS	X01	4.5	N	1	OP	Open detonation of munitions and reactive waste.
3	Open Burning (1) & (2)	IS	X01	6.0	N	2	OP	Open burning of munitions and reactive waste.
3	Molten Salt Destruction Unit, Building 575	IT	X99	0.00	N/A	1	CC	Building that previously contained hazardous waste. Clean Closed 3-30-2011
3	Confined Detonation Chamber	IS	X99	5.1	N	1	OP	Detonation of explosive material in an enclosed structure. It is not associated with chemical demilitarization.

BGCA OPERATOR

Facility's EPA ID Number

11. PROCESS DESCRIPTION. *See Instructions*

K Y 8 2 1 3 8 2 0 1 0 5

Commercial Indicator	Unique Unit or Group Name	Legal Status Code	Process Codes	Process Design Capacity Of All Units Listed Under This Name	Unit of Measure	Number Of Individual Units In This Process	Operating Status Code	Description Of Process
4	Container Storage I	PI	S01, T04 ²	3831.00	G	1	OP	Storage of Chemical Munitions Items, VX , (estimate 3 - 5%); Treatment as defined by KRS 224.50-130
4	Container Storage J	PI	S01, T04 ²	3831.00	G	1	OP	Storage of Chemical Munitions Items, VX , (estimate 3 - 5%); Treatment as defined by KRS 224.50-130
4	Container Storage K	PI	S01, T04 ²	3831.00	G	1	OP	Storage of Chemical Munitions Items, VX , (estimate 3 - 5%); Treatment as defined by KRS 224.50-130
4	Container Storage L	PI	S01, T04 ²	3831.00	G	1	OP	Storage of Chemical Munitions Items, GB , (estimate 3 - 5%); Treatment as defined by KRS 224.50-130
4	Container Storage M	PI	S01, T04 ²	3831.00	G	1	OP	Storage of Chemical Munitions Items, GB , (estimate 1 - 3%); Treatment as defined by KRS 224.50-130
4	Container Storage N	PI	S01	3831.00	G	1	OP	Storage of Chemical Munitions Items, GB , (estimate 2 - 3
4	Container Storage O	PI	S01	3831.00	G	1	OP	Storage of Chemical Munitions Items, GB , (estimate 3 - 4%)
4	Container Storage P	PI	S01, T04 ²	3831.00	G	1	OP	Storage of Chemical Munitions Items, GB , (estimate 3 - 5%); Treatment as defined by KRS 224.50-130
4	Container Storage Q	PI	S01, T04 ²	3831.00	G	1	OP	Storage of Chemical Munitions Items, GB , (estimate 3 - 5%); Treatment as defined by KRS 224.50-130
4	Container Storage R	PI	S01, T04 ²	3831.00	G	1	OP	Storage of Chemical Munitions Items, GB , (estimate 3 - 5%); Treatment as defined by KRS 224.50-130

BGCA OPERATOR

Facility's EPA ID Number

11. PROCESS DESCRIPTION. *See Instructions*

K Y 8 2 1 3 8 2 0 1 0 5

Commercial Indicator	Unique Unit or Group Name	Legal Status Code	Process Codes	Process Design Capacity Of All Units Listed Under This Name	Unit of Measure	Number Of Individual Units In This Process	Operating Status Code	Description Of Process
4	Container Storage S	PI	S01, T04 ²	3831.00	G	1	OP	Storage of Chemical Munitions Items, GB , (estimate 3 - 5%); Treatment as defined by KRS 224.50-130
4	Container Storage T	PI	S01	3831.00	G	1	OP	Storage of Chemical Munitions Items, VX , (estimate 3 - 4%)
4	Container Storage U	PI	S01, T04 ²	3831.00	G	1	OP	Storage of Chemical Munitions Items, GB , (estimate 3 - 5%); Treatment as defined by KRS 224.50-130
4	Container Storage V	PI	S01, T04 ²	3831.00	G	1	OP	Storage of Chemical Munitions Items, GB , (estimate 3 - 5%); Treatment as defined by KRS 224.50-130; Treatment as defined by KRS 224.50-130
4	Container Storage W	PI	S01, T04 ²	3831.00	G	1	OP	Storage of Chemical Munitions Items, GB , (estimate 3 - 5%); Treatment as defined by KRS 224.50-130
4	Container Storage X	PI	S01, T04 ²	3831.00	G	1	OP	Storage of Chemical Munitions Items, GB , (estimate 3 - 5%); Treatment as defined by KRS 224.50-130
4	Container Storage Y	PI	S01, T04 ²	3831.00	G	1	OP	Storage of Chemical Munitions Items, VX , (estimate 3 - 5%); Treatment as defined by KRS 224.50-130
4	Container Storage Z	PI	S01, T04 ²	3831.00	G	1	OP	Storage of Chemical Munitions Items, GB , (estimate 3 - 5%); Treatment as defined by KRS 224.50-130
4	Container Storage AB	PI	S01	3831.00	G	1	OP	Storage of Chemical Munitions Items, VX , (estimate 2 - 3%)

BGCA OPERATOR

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11. PROCESS DESCRIPTION. *See Instructions*

K Y 8 2 1 3 8 2 0 1 0 5

Commercial Indicator	Unique Unit or Group Name	Legal Status Code	Process Codes	Process Design Capacity Of All Units Listed Under This Name	Unit of Measure	Number Of Individual Units In This Process	Operating Status Code	Description Of Process
4	Container Storage CD	PI	S01, T04 ²	3831.00	G	1	OP	Storage of Chemical Munitions Items, GB, VX and/or H; (estimate 1 - 2%); Storage of waste chemical items in support of storage and de-mil mission, (Operations Decontamination, PPE, M67 Motor Assembly and/or components, munition components, empty SFT, , etc.) Operations to support storage and de-mil mission. Treatment as defined by KRS 224.50-130; to include munitions separation
4	Container Storage EF	PI	S01, T04 ²	3831.00	G	1	OP	Storage of Chemical Munitions Items, VX , (estimate 3 - 5%); Treatment as defined by KRS 224.50-130
4	Container Storage GH	PI	S01	3831.00	G	1	OP	Storage of Chemical Munitions Items, GB , (estimate 3 - 5%)
4	Container Storage IJ	PI	S01, T04 ²	3831.00	G	1	OP	Storage of Chemical Munitions Items, VX , (estimate 3 - 6%); Treatment as defined by KRS 224.50-130
4	Container Storage KL	PI	S01	3831.00	G	1	OP	Storage of Chemical Munitions Items, VX , (estimate 2 - 3%)
4	Container Storage MN	PI	S01, T04 ²	3831.00	G	1	OP	Storage of Chemical Munitions Items, VX , (estimate (3 -5%); Treatment as defined by KRS 224.50-130
4	Container Storage OP	PI	S01, T04 ²	3831.00	G	1	OP	Storage of Chemical Munitions Items, GB , (estimate 3 - 5%); Treatment as defined by KRS 224.50-130
4	Container Storage QR	PI	S01, T04 ²	3831.00	G	1	OP	Storage of Chemical Munitions Items, GB , (estimate 1 - 3%); Treatment as defined by KRS 224.50-130
4	Container Storage ST	PI	S01, T04 ²	3831.00	G	1	OP	Storage of Chemical Munitions Items, GB , (estimate 1 - 3%); Treatment as defined by KRS 224.50-130

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11. PROCESS DESCRIPTION. *See Instructions*

K Y 8 2 1 3 8 2 0 1 0 5

Commercial Indicator	Unique Unit or Group Name	Legal Status Code	Process Codes	Process Design Capacity Of All Units Listed Under This Name	Unit of Measure	Number Of Individual Units In This Process	Operating Status Code	Description Of Process
4	Container Storage UV	PI	S01, T04 ²	3831.00	G	1	OP	Storage of Chemical Munitions Items, GB , (estimate 3 - 5%); Treatment as defined by KRS 224.50-130
4	Container Storage WX	PI	S01, T04 ²	3831.00	G	1	OP	Storage of Chemical Munitions Items, GB , (estimate 2 - 5%); Treatment as defined by KRS 224.50-130
4	Container Storage YZ	PI	S01, T04 ²	3831.00	G	1	OP	Storage of Chemical Munitions Items, GB , (estimate 1 - 4%); Treatment as defined by KRS 224.50-130
4	Container Storage ZA	PI	S01, T04 ²	3831.00	G	1	OP	Storage of Chemical Munitions Items, GB , (estimate 1 - 3%); Treatment as defined by KRS 224.50-130
4	Container Storage YB	PI	S01, T04 ²	3831.00	G	1	OP	Storage of Chemical Munitions Items, GB , (estimate 2 - 5%); Treatment as defined by KRS 224.50-130
4	Container Storage XC	PI	S01, T04 ²	3831.00	G	1	OP	Storage of Chemical Munitions Items, GB , (estimate 2 - 5%); Treatment as defined by KRS 224.50-130
4	Container Storage WD	PI	S01, T04 ²	3831.00	G	1	OP	Storage of Chemical Munitions Items, GB , (estimate 2 - 5%); Treatment as defined by KRS 224.50-130
4	Container Storage VE	PI	S01, T04 ²	3831.00	G	1	OP	Storage of Chemical Munitions Items, GB , (estimate 3 - 5%); Treatment as defined by KRS 224.50-130
4	Container Storage UF	PI	S01, T04 ²	3831.00	G	1	OP	Storage of Chemical Munitions Items, GB , (estimate 3 - 5%); Treatment as defined by KRS 224.50-130
4	Container Storage TG	PI	S01, T04 ²	3831.00	G	1	OP	Storage of Chemical Munitions Items, GB , (estimate 3 - 5%); Treatment as defined by KRS 224.50-130

BGCA OPERATOR

Facility's EPA ID Number

11. PROCESS DESCRIPTION. *See Instructions*

K Y 8 2 1 3 8 2 0 1 0 5

Commercial Indicator	Unique Unit or Group Name	Legal Status Code	Process Codes	Process Design Capacity Of All Units Listed Under This Name	Unit of Measure	Number Of Individual Units In This Process	Operating Status Code	Description Of Process
4	Container Storage SH	PI	S01, T04 ²	3831.00	G	1	OP	Storage of Chemical Munitions Items, VX , (estimate 1 - 3%); Treatment as defined by KRS 224.50-130
4	Container Storage RI	PI	S01, T04 ²	3831.00	G	1	OP	Storage of Chemical Munitions Items, GB, (estimate 3 - 5%); Treatment as defined by KRS 224.50-130
4	Container Storage QJ	PI	S01, T04 ²	3831.00	G	1	OP	Storage of Chemical Munitions Items, GB , (estimate 3 - 5%); Treatment as defined by KRS 224.50-130
4	Container Storage PK	PI	S01	3831.00	G	1	OP	Storage of Chemical Munitions Items, H , (estimate 5 - 6%)
4	Container Storage OL	PI	S01	3831.00	G	1	OP	Storage of Chemical Munitions Items, H , (estimate 5 - 6%)
4	Container Storage NM	PI	S01	3831.00	G	1	OP	Storage of Chemical Munitions Items and DOT Bottle, H, (estimate 5 - 8%)
4	Container Storage MN (H)	PI	S01	3831.00	G	1	OP	Storage of Chemical Munitions Items, H , (estimate 1 - 2%)
4	Container Storage LO	PI	S01, T04 ²	3831.00	G	1	OP	Storage of waste from the management of chemical munitions, chemical container, items in support of storage and de-mil mission. (Operations Decontamination, PPE, M67 Motor Assembly and/or components, munition components, empty SFT, etc.), (estimate 1 - 2%); Treatment as defined by KRS 224.50-130
4	Container Storage KP	RQ	S01, T04 ²	3831.00	G	1	CN	Storage of waste from the management of chemical munitions, chemical container, items in support of storage and de-mil mission. (Operations Decontamination, PPE, M67 Motor Assembly and/or components, munition components, empty SFT, etc.), (estimate 1 - 2%); Treatment as defined by KRS 224.50-130

K Y 8 2 1 3 8 2 0 1 0 5

12. WASTE STREAM DESCRIPTION. See Instructions.

WASTE STREAM NUMBER	ESTIMATE ANNUAL WASTE AMOUNT	UNIT OF MEASURE	EPA WASTE NUMBERS	PROCESS CODES ASSOCIATED WITH THIS WASTE
1	30.0	TONS	K045(Module II)	S01 Explosive contaminated granular activated charcoal.
2	2000.0	TONS	D003, K044(Module II)	S01 Explosive sludge contaminated filters
3	5.0	TONS	D004, D005, D006, D007, D008, and/or D009 (Module II)	S01 Baghouse dust from Detonation Chamber
4	150.0	TONS	D006, D007, and/or D008(Module II)	S01 Sandblast media from de-rusting operations
5	2700.0	TONS	D003,D006, D007, and/or D008(Module II)	S01 Explosive ammunition and related components
6	5.0	TONS	K047(Module II)	S01 Pink/red water from manufacturing and process of explosive
7	0.5	TONS	D007, N001, N002, and/or N003 (Module III)	S01, and/or T04 ² Agent contaminated carbon filters with Whetlerite.
8	2.0	TONS	D007 (Module III)	S01 Expired carbon filters with Whetlerite.
9	1.0	TONS	D001, D002, D003, D004, D011, D018, D022, D035, D036, D037, D039, D040, D043, U002, U044, U103, U127, U154, U165, U131, U210, F001, F002, F003, F004, N001, N002 and/or N003 (Module III)	S01, and/or T04 ² Laboratory wastes
10	425.0	TONS	D001, D003, D004, D009, D011, D012, D030, N001, and/or N002 (Module III)	S01, and/or T04 ² Explosive components
11	90.0	TONS	D001, D003, D004, D008, D009, N001, N002 and/or N003 (Module III)	S01, and/or T04 ² Agent contaminated debris
12	0.5	TONS	N001, N002, and/or N003 (Module III)	S01, and/or T04 ² Spent decontamination waste
13	2.5	TONS	D002, N001, N002 and/or N003 (Module III)	S01, and/or T04 ²
14	0.5	TONS	D002 (Module III)	S01 Expired decontamination waste
15	2.0	TONS	N001,N002, and/or N003	S01, and/or T04 ² Agent exposed wastes

12. WASTE STREAM DESCRIPTION. See Instructions.

WASTE STREAM NUMBER	ESTIMATE ANNUAL WASTE AMOUNT	UNIT OF MEASURE	EPA WASTE NUMBERS	PROCESS CODES ASSOCIATED WITH THIS WASTE
16	1.0	TONS	D003, N001, N002, and/or N003 (Module III)	S01, and/or T04 ² Agent exposed reactive materials
17	425.0	TONS	D003, D005, D008, N001, and/or N002 (Module III)	S01, and/or T04 ² Chemical agent munitions (non-explosive components)
18	90.0	TONS	D003, D005, D008, N001, N002 and/or N003 (Module III)	S01, and/or T04 ² H-Mustard projectiles
19	2.5	TONS	D003, and/or N001 (Module III)	S01, and/or T04 ² GB leaker reactive waste
20	0.0	TONS	N001 (Module III)	S01, and/or T04 ² GB agent exposed waste
21	0.5	TONS	N002, and/or N003 (Module III)	S01, and/or T04 ² VX and H-mustard DOT bottles
22	0.5	TONS	D001, D006, D007, D018, D035, D039, F001, F002, F003, F004, and/or F005 (Module II)	S01, Paint waste and related material.
23	35.0	TONS	D002, D004-D011 and/or N001 (Module III)	S01, and/or T04 ² GB decontamination waste
24	194.0 ³	TONS	K044, D003, D001, D005, D006, D007, D008, D010, D011, D030 (Module II)	X01 Explosive Waste Components and Waste Paint Related Material
25	29.1 ^{1,3}	TONS	D003, D001, D005, D006, D007, D008, D010, D011, D030 (Module II)	X99 Explosive Related Components, Sandblast Media and Waste Paint Related Material
26	291.0 ³	TONS	D003, D008, D030 (Module II)	X01 Explosive Related Components, Sandblast Media and Waste paint Related Material

- 7058A (July 1997)

Foot Notes:

1: Annual waste amount for Confined Detonation Chamber estimated as 1/10th of the total volume diverted from Open Detonation. Estimate assumes the CDC is brought on-line from an operation perspective.

2: T04: Treatment as defined by KRS 224.50-130 for manual or mechanical handling, separation of munitions components, handling, movement or overpacking of containers or munitions containing chemical agents (GB, VX, and H).

3: The weight in short tons for waste streams 24, 25 and 26 are expressed as Net Explosive Weight (NEW).

K	Y	8	2	1	3	8	2	0	1	0	5
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13. Existing Environmental Permits:

Inter-State Regional Program [A]: _____
 Single Well (FURS) [B]: _____
 County Program [C]: _____
 DOE Program [D]: _____
 Other EPA Program [E]: _____ specify: _____
 EPA 404 (dredge or fill program) [F]: _____
 USGS Program [G]: _____
 Area Wells (FURS) [H]: _____
 NOTIS [J]: _____
 Superfund (CERCLA) [K]: _____
 FATES [L]: _____
 Municipal (city, town, etc.) Program [M]: _____
 NPDES/KPDES (discharges to surface water) [N]: KY0020737
 PSD (Prevention of Significant Deterioration - Clean Air Act) [P]: Title V Air Permits [V-12-037 & V-10-023]
 CDS [Q]: _____
 RCRA (hazardous wastes) [R]: KY8-213-820-105
 State Program [S]: _____
 DOT Program [T]: _____
 UIC (underground injection of fluids) [U]: _____
 Intra-State Regional Program [W]: _____
 Other Federal Program [X]: _____ specify: _____
 CICIS (OTS Chemicals in Commerce Information System) [Y]: _____
 Other Non Federal Programs [Z]: Water Withdrawal Permit #1013

14 FACILITY STATUS:

Waste is NOT received from off-site Accepts waste from any off-site source(s) [A]
 Accepts waste from only a restricted group of off-site sources(s) [R]:
 Specify: Military Sources / Government Sources

15 PHOTOGRAPHS, DRAWING AND MAP - See INSTRUCTIONS [See Page 12]

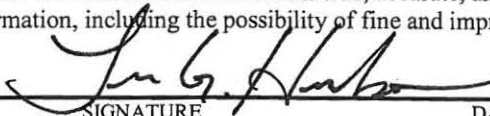
All existing facilities must include photographs (aerial or ground level) that clearly delineate all existing structures; existing storage, treatment or disposal areas; and sites of future treatment, storage or disposal areas. All existing facilities must include a drawing showing the general layout of the facility and a topographic map. The photographs, drawing and map must be attached to this form.

16 If the facility owner is also the facility operator, please skip this section and complete item 17 below. [See Page 12]

Owner Certification - I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

NAME (PRINT OR TYPE)	SIGNATURE	DATE SIGNED
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17 Operator Certification: For operations listed on Page 3, I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

LEE G. HUDSON, COL, LG, US Army, Commanding		19 OCT 15
NAME (PRINT OR TYPE)	SIGNATURE	DATE SIGNED

18 Land Owner Certification - I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

LEE G. HUDSON, COL, LG, US Army, Commanding		19 OCT 15
NAME (PRINT OR TYPE)	SIGNATURE	DATE SIGNED

ADDENDUM NOTES / OPERATOR CERTIFICATION

I. Notes/Summary of changes reflected on this revised Application: Pursuant to 401 KAR 38:080, Section 2, paragraph (1), the Addendum Notes / Operator Certification of DEP Form 7058A are updated to reflect Lieutenant Colonel Andrew J. Morgan, as the Commander of Blue Grass Chemical Activity (BGCA).

II. The BGAD Commander is responsible for the overall permitted hazardous waste management mission throughout the facility.

III. Operator Certification, below reflects the signature Lieutenant Colonel, Andrew J. Morgan, BGCA Commander, responsible for the operations listed on page 4 through 8.

The BGCA Commander is responsible for operation of the HWSUs in the Chemical Limited Area (CLA).

Operator Certification: For operations listed on page 4 through 8, I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Andrew J. Morgan
Lieutenant Colonel, US Army
Commanding
BGCA Permit Operator


SIGNATURE

14 Oct 15
DATE SIGNED

List of Drawings

In response to specific Part A, Item 15 requirements, these items have been addressed in the previous stand-alone permit application submittals.

Thu 2/4/2016 8:05 AM

Laura,

Thanks for your phone call yesterday.

The Division has received a large number of submittals over the years regarding the open burn / open detonation (OB/OD) units at the Blue Grass Army Depot (BGAD). We sent what we thought was the latest official submittal, but during our discussion, it was clear that it did not reflect the latest information. I have attached a copy of the latest approved Part A form (dated 10/19/15), which summarizes all hazardous waste units at BGAD (including some that have been closed). In addition, here is a link to the blank Part A form and instructions, which include the codes for units of measure,
etc: <http://waste.ky.gov/HWB/RCRA%20Part%20B%20Checklist/Part%20A%202006%20%20rev%202.doc>

If you look at page 3 of 12, you will see the open burn, open detonation, and confined detonation chamber units listed, along with their process design capacities. For open detonation, the design capacity is 4.5 tons per day, for open burning it is 6.0 tons per day, and for the confined detonation chamber it is 5.1 tons per day.

To get the maximum annual capacities, these numbers could be multiplied by 365, although operations are generally limited to 4 or 5 days a week, and further limited by holidays and weather conditions (OB and OD); and there are no OD operations at all during the extended winter season. Therefore, as we discussed on the phone, these capacities do not match actual throughput for these units; in particular, the confined detonation chamber has not been used at all in a few years, except for current treatability studies.

Hope this helps.

Kentucky Division of Waste Management
Hazardous Waste Branch
Blue Grass Army Depot Section