

# Open Burning/Open Detonation (OB/OD) CONVENTIONAL MUNITIONS STOCKPILE SITES

Compiled by: Cease Fire Campaign



## Facility Name, Location

## Annual Allowed OB/OD\*

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| Anniston Munitions Center, Anniston, Alabama             | <b>13,227,600</b> lbs/yr (includes buried detonation)  |
| Blue Grass Army Depot, Richmond, Kentucky                | <b>7,665,000</b> lbs/yr                                |
| Crane Army Ammunition Activity, Crane, Indiana           | <b>109,364,800</b> lbs/yr                              |
| Hawthorne Army Depot, Hawthorne, Nevada                  | <b>2,600,000</b> lbs/yr                                |
| Holston Army Ammunition Plant, Kingsport, Tennessee      | <b>1,250,000</b> lbs/yr                                |
| Iowa Army Ammunition Plant, Middletown, Iowa             | <b>4,092</b> lbs/ <u>HOUR</u> (per Title V permit)     |
| Letterkenny Munitions Center, Chambersburg, Pennsylvania | <b>5,611,875</b> lbs/yr (+unlimited in burn cage)      |
| McAlester Army Ammunition Plant, McAlester, Oklahoma     | <b>9,960,000</b> lbs/yr                                |
| Milan Army Ammunition Plant, Milan, Tennessee            | <b>132,860,000</b> lbs/yr (Title V, NEW not specified) |
| Pine Bluff Arsenal, Pine Bluff, Arkansas                 | <i>multiple emergency permits</i>                      |
| Radford Army Ammunition Plant, Radford, Virginia         | <b>2,920,000</b> lbs/yr (+730,000 lbs/yr skid burns)   |
| Tooele Army Depot, Tooele, Utah                          | <b>1,397,400</b> lbs/yr                                |

\*Annual maximum open burning/open detonation (OB/OD) threshold measured as pounds Net Explosive Weight (NEW) in 2016. The actual amount of waste treated by OB/OD may be less than the thresholds listed. NEW does not include the weight of dunnage, solvents (to influence the rate of burn), flammable liquids and other matter that is often part of the OB/OD waste stream.

All corresponding permits and approvals are posted online at [www.CSWAB.org](http://www.CSWAB.org) – click on CEASE FIRE and then click on LIBRARY.

Also reference: [GAO-15-538](#), Defense Logistics: Improved Data and Information Sharing Could Aid in DOD's Management of Ammunition Categorized for Disposal, July 21, 2015.

CEASE FIRE Campaign | [CSWAB.org](http://CSWAB.org) | 608/643-3124 | [info@cswab.org](mailto:info@cswab.org) | [facebook.com/ceasefirecampaign](https://facebook.com/ceasefirecampaign)

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## SITE PROFILE:

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### OPEN BURNING/OPEN DETONATION

#### Milan Army Ammunition Plant, Milan, Tennessee

Materials to be open burned shall be limited only to explosive and explosive-contaminated and/or potentially explosive-contaminated combustibles that cannot safely be disposed of by other methods, including the following:

- a. Wood products, packaging materials and other explosive and explosive-contaminated and/or potentially explosive- contaminated combustibles which include but are not limited to styrofoam, various types of plastics, rubber, electrical wire coatings, tar paper, polyvinyl chloride, polyester, polyurethane, polystyrene and metals **200,000 pounds per day, maximum**
- b. Petroleum wastes **1,250 pounds per day, maximum**
- c. Bulk explosives/propellants/baseburner (above ground burn pans) **24,000 pounds per day, maximum**  
*Total explosive/propellant weight only*
- d. Complete round munitions/explosive components **10,000 pounds per day, maximum**  
*Total explosive weight only*

Milan's Air Permit stipulates that materials to be burned daily shall not exceed: **364,000 pounds/day**

Milan's Air Permit stipulates that OB/OD may be conducted: **Seven (7) days/week on an as needed basis**

**Here's the math:** 364,000 pounds/day x 365 days/yr = **132,860,000 pounds per year, maximum\***

*\*The actual amount of waste treated by OB/OD may be less than the thresholds listed.*

**SOURCE FOR ABOVE:** Tennessee Air Pollution Control Board, Department of Environment and Conservation, Operating Permit (Conditional Major) Issued Pursuant to Tennessee Air Quality Act, Permit Number: 467630, Issued To: Milan Army Ammunition Plant, Date Issued: October 18, 2016.