

## Radford Army Ammunition Plant

### Subpart X Operating Permit for Open Burning and Open Detonation

A **Subpart X Operating Permit for Open Burning and Open Detonation** is required for owners and operators who perform open burning and open detonation of waste explosive and propellant. Subpart X of the RCRA regulations under 40 CFR Part 264 covers miscellaneous units not regulated under the standards for specific types of treatment, storage, and disposal units in Part 264. The Radford Army Ammunition Plant currently operates a permitted Open Burning (OB) operation, Unit X01, at the facility. The Subpart X permit for Radford Army Ammunition Plant (RAAP), which was issued in 2005, is active and is scheduled to be renewed as the permit will expire after its ten year term in 2015.

#### Radford Army Ammunition Plant, Units X01



**Unit X01**

The OB operation area, Unit X01, is located along the banks of the New River in the southeastern portion of the horseshoe area bounded by the river. The OB operations are conducted in an area approximately 100 feet by 1,500 feet. The actual burning of explosive waste is performed in six foot by 18 foot burning pans on raised pads about 150 feet square. There are eight pads in the area, each consisting of two raised pans for a total of 16 pans.

The RAAP facility runs the OB operations, on average, 260 days out of the year. Before OB operations at the RAAP facility are performed facility personnel check to make sure there are no people on the New river shoreline. Rotating red lights placed along the river in front of the OB ground, to warn boaters OB operations are about to commence, are turned on. A siren is then sounded for 10 seconds, followed by the operator announcing the OP operations are about to commence and the New river should be evacuated immediately.