



## Pennsylvania Letterkenny Army Depot

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### ***Facility and Location***

Letterkenny Army Depot is located in Chambersburg. It serves as a maintenance and ammunition depot for the receipt, storage, issue, maintenance, and disposal of conventional ammunition and other military equipment. Letterkenny Army Depot is DoD's specialized missile components and missile support equipment Center of Technical Excellence and has the capability to perform maintenance and surveillance on guided missiles and munitions components.

### ***Media Sampled and Findings***

**Groundwater** — Prior to 2007, 36 samples taken from three sites detected perchlorate below 4 ppb.

**Sediment** — Prior to 2007, 19 samples from one site reported no detection.

**Soil** — Prior to 2007, 1 of 12 samples from two sites detected perchlorate at 5,600 ppb.

**Surface water** — In 2011, two of two samples detected perchlorate at 3.4 and 167 ppb.

### ***Appropriate Actions***

Past soil samples were below EPA Region III risk based screening levels of 55,000 ppb in residential soil and 720,000 ppb in industrial soil.

Surface water samples were above the EPA and DoD Preliminary Remediation Goal of 15 ppb. The high detection in surface water was from Outfall 6 which was resampled in June 2011 and found a concentration of only 3.4 ppb. The installation is waiting on approval of a sampling plan by the Pennsylvania Department of Environmental Protection. Sampling will continue under Letterkenny Army Depot's Resource Conservation and Recovery Act (RCRA) open burn/open detonation (OB/OD) permit.