



US Army Corps
of Engineers
New York District

STORM KING MOUNTAIN/COLD SPRING FOUNDRY

FACT SHEET

MARCH 2004

DESCRIPTION:

Storm King Mountain State Park and Cold Spring Foundry occupy almost 1,900 acres and are located in Orange and Putnam Counties in New York, NY-19. The Foundry began operating in about 1820 and specialized in producing heavy ordnance, primarily for the U.S. Navy. The Foundry and the United States Military Academy at West Point used an area adjacent to Storm King Park for artillery practice. Some of the shells overshot the target area and landed in the park. Storm King Park was divided into three sectors (A, B and C) to evaluate the need for ordnance removal.

AUTHORIZATION:

Storm King Mountain State Park and the former Cold Spring Foundry are being investigated under the Defense Environmental Restoration - Formerly Used Defense Site Program. The Superfund Amendments and Reauthorization Act of 1986 authorized that program.

A forest fire on the mountain caused ordnance to detonate during the Summer of 1999, and the park was closed. In an attempt to reopen the Park, a time critical ordnance removal action was developed for the site. It included identifying and removing ordnance within 25 feet of the 8 miles of trails and roads in the portion of the park closest to its boundary with West Point. Preliminary field work began in mid-June, and by mid-July the removal action was fully underway. Rugged terrain and dense vegetation posed significant challenges. Two hundred thirty five (235) items within 1-foot of the surface were investigated, and twenty three (23) ordnance items were recovered and destroyed, sixteen (16) 75 millimeter shells and seven (7) M-1907 fuzes. Despite the unexpected challenges, the work was completed on schedule in mid-October, less than seven months after the park was added to the Program. The total cost of the removal action was approximately \$2.5 million.

STATUS:

In July of 2002, the draft Final Engineering Evaluation/Cost Analysis (EE/CA) stated no further action was recommended for Sectors A and C. The EE/CA recommended a removal of unexploded ordnance (UXO) and ordnance/explosive scrap, to a 6-inch depth, from accessible portions of the 365 acres comprising Sector B. An Action Memorandum was signed on 28 January 2003, documenting the decision to perform a removal action in Sector B. The removal action will be completed in phases subject to the availability of funds. \$2.6 million has been received in FY04 for the Phase I OE Removal Action. The cost to complete the OE Removal Action of Sector B is approximately \$3.3 million. Sector B is divided into thirteen (13) manageable sections to be cleared according to safety priorities. Areas with the most hiking trails are considered to be of high safety priority. Therefore, sections b1, d2, and g3 (totaling 168 of the 365 acres) have been chosen for Phase I of the OE Removal Action. The scope of work for the removal action has been finalized and sent to contracting. The Explosives Safety Submission (ESS) has been finalized and is in route for approval. Contract award is expected in April 2004.

PROJECT COST:

Estimated Federal Cost, Sector B removal action	\$5,900,000
Estimated Non-Federal Cost	\$ 0
Total	\$5,900,000

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COLD SPRING FOUNDRY

LEGEND

- Formerly Used Defense Site
- Airports
- Cities/Towns
-  Interstates
-  U.S. Highways
-  Streets/Roads
-  Rivers/Streams
-  Lakes/Ponds
-  Urban Areas

