

PART I

DECLARATION FOR THE RECORD OF DECISION

Site Name and Location

New Cumberland Army Depot's Former Landfill  
Marsh Run Park  
Fairview Township, Pennsylvania

Statement of Basis and Purpose

This decision document presents the selected remedial action for the Marsh Run Park site in Fairview Township, Pennsylvania, chosen in accordance with the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA), as amended by the Superfund Amendments and Reauthorization Act of 1986 (SARA) and the National Contingency Plan. This decision is based on and becomes part of the administrative record file for this site.

The Commonwealth of Pennsylvania concurs on the selected remedy.

Assessment of the Site

Actual or threatened releases of hazardous substances from this site, if not addressed by implementing the response action selected in this ROD, may present a very low level of risk to public health, welfare, or the environment.

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### Description of the Remedy

The selected remedy addresses the source of contamination by remediation of contaminated soils as well as addressing remediation of ground water in both of the shallow saturated zone and the bedrock aquifer.

The major components of the selected remedy include:

- . Onsite soil vacuum extraction (soil venting) of the volatile organic contamination, contained in a volume of approximately 47,500 yd<sup>3</sup> of contaminated soil;
- . Treatment of vapor phase VOCs extracted from the source area in an onsite, above ground air treatment unit using activated carbon to adsorb the contaminants.
- . Dewatering of the shallow saturated zone through a shallow well pumping system. Treatment of the ground water by pretreatment for metals/inorganics removal and either (1) air stripping or (2) hydrogen peroxide (H<sub>2</sub>O<sub>2</sub>) and ultraviolet (UV) irradiation for VOC treatment. Discharge of treated water to onsite wetlands.
- . The installation of a series of extraction wells to intercept and contain the bedrock aquifer ground-water movement. Treatment of bedrock aquifer ground water by pretreatment for metals/inorganics removal and either (1) air stripping or (2) hydrogen peroxide (H<sub>2</sub>O<sub>2</sub>) and ultraviolet (UV) irradiation for VOC treatment. Discharge of treated water to onsite wetlands.

### Statutory Determinations

The selected remedy is protective of human health and the environment, complies with Federal and State requirements that are legally applicable or relevant and appropriate to the remedial action, and is cost effective. This remedy utilizes permanent solutions and alternative treatment

(or resource recovery) technologies to the maximum extent practicable and satisfies the statutory preference for remedies that employ treatment that reduces toxicity, mobility, or volume as a principal element.

Lewis D. Walker

Lewis D. Walker  
Deputy Assistant Secretary of the Army  
(Environmental Safety and Occupational Health)  
OASA (I, L, and E)

7/21/92

Date

Francis P. Fair

Francis P. Fair  
Regional Environmental Protection Manager  
South Central Region

Nov 18, 1991

Date