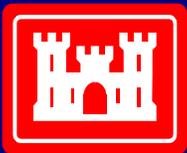


**US Army Corps  
of Engineers  
Baltimore District**

# **Fort Detrick Remedial Investigation/Feasibility Study**

**Restoration Advisory Board Meeting  
12 June 2002 7:30 PM  
Fort Detrick, Frederick, Maryland**



**US Army Corps  
of Engineers**  
Baltimore District

# Fort Detrick

## Area B-11 Removal Project Status

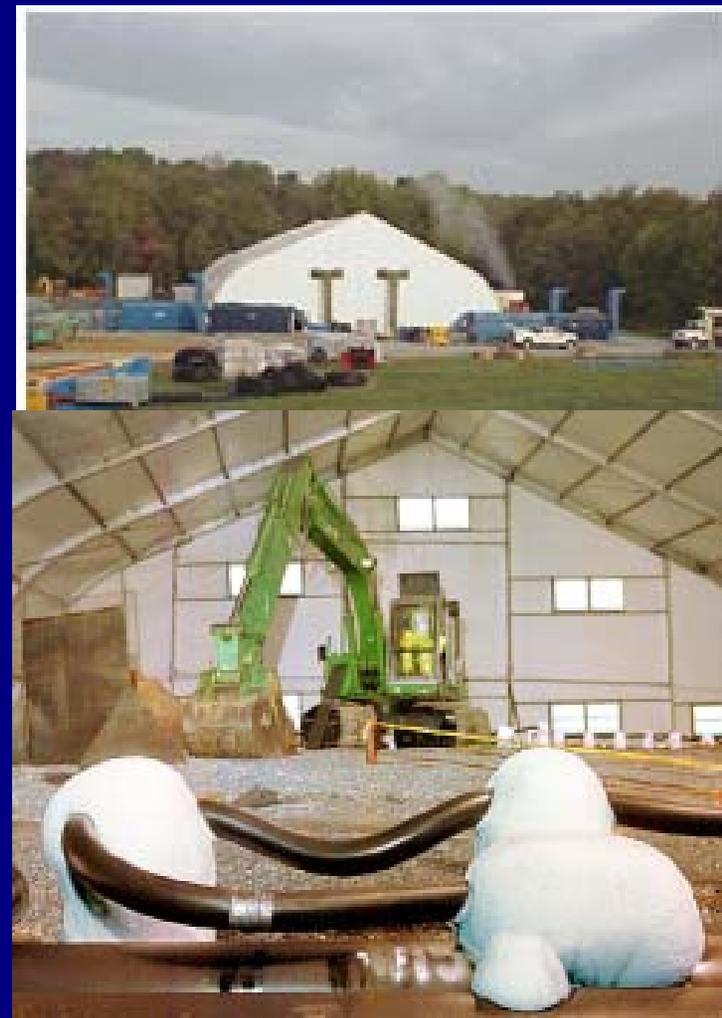
- No lost time accidents or injuries (476 days)

### SITUATION AS OF 11 APRIL 2002 RAB MEETING:

-Operations were suspended due to suspected pathogens in soil shipped to Texas and in vials sent to ECBC.

### DEVELOPMENTS SINCE APRIL 11 2002:

- Suspected pathogen (Meningitis) in soil shipped to Texas was a false positive (soil beaching effective).
- All soil quarantined based on false-positive has been incinerated.
- All other soil has been shipped and incinerated
- Tests of personnel for Meningitis were negative.
- ECBC identified pneumonia, TB, Brucella, and E. Coli in vials.





# Fort Detrick

## US Army Corps Area B-11 Removal Project Status (Continued) of Engineers

### Baltimore District

- Risk Assessment and Retooling Completed:

- Installed additional HEPA filtration units
- Checked all safety systems
- Installed air-lock for movement of roll off containers in and out of structure
- Upgraded sampling and testing procedure for biological monitoring.

- Schedule Delays

Delays in starting excavation were due in part to:

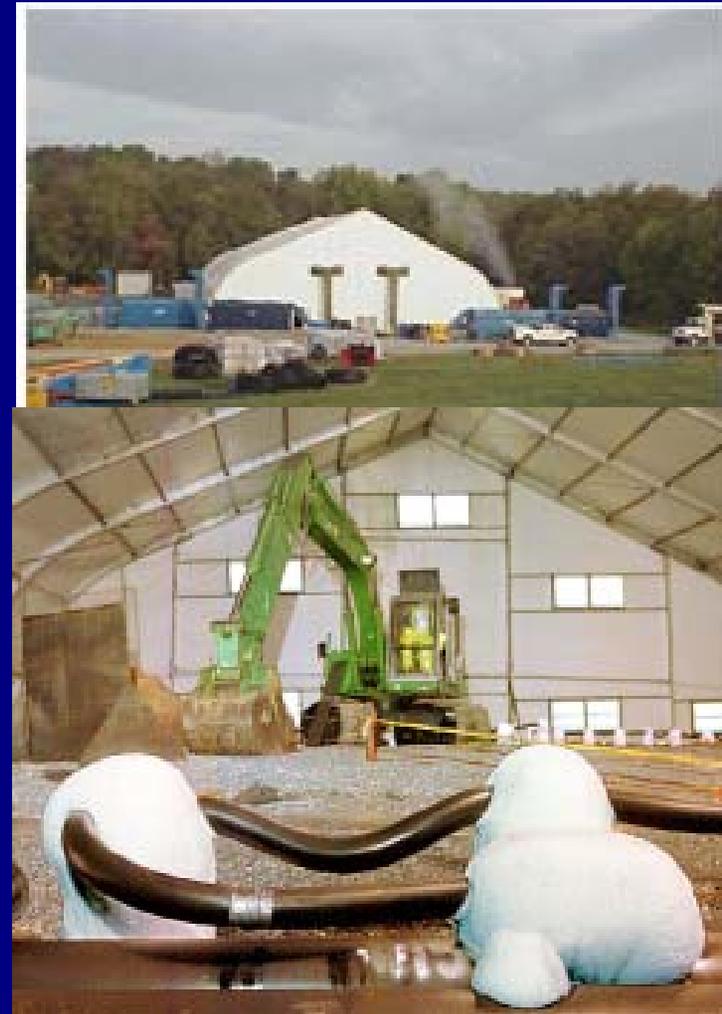
- Installation of additional HEPA filtration in front of blowers to assure leak-tight capture of small particles.
- Upgrade of on-site biological monitoring program (required acquisition of necessary reagents)

- New Schedule

- Operation to restart on or about June 12, 2002
- Pit 1 to be completed by December 2002
- Planning and setup for additional removals set for 2003

- Funding

- Additional \$3.2 million obtained.
- FY03 funds should be available to continue Pit 1





# Fort Detrick RI/FS Area A Update

US Army Corps  
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Baltimore District

## Pending Schedule:

LTM (Five Year Review)

Semi-Annual Sampling Report

## Estimated Completion Date

July 06

September 02

## Items Completed:

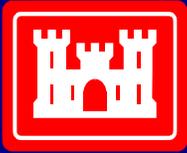
Area A Long-Term Monitoring (LTM) Plan

Area A LTM Sampling (1<sup>st</sup> round)

## Completed Date

April 02

May 02



# Fort Detrick RI/FS

## Area B Update

US Army Corps  
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Baltimore District

### DOCUMENTS

#### COMPLETED

Engineering Evaluation/Cost Analysis (EECA) Area B-11 Chemical Waste Disposal Pits	(Feb 00)
EECA (Proposed Plan)	(May 00)
EECA (Decision Document)	(July 00)
Public Involvement and Response Plan	(July 00)
Chemical Oxidation Bench-Scale Test Work Plan	(Oct 00)
Photographic Analysis (USEPA EPIC Study)	(Mar 01)
Chemical Oxidation Bench-Scale Test Report (Final)	(July 01)

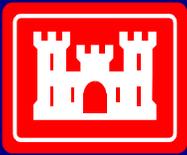
#### PENDING

Groundwater Pilot Test Field Technology Assessment Work Plan
Area B Additional Investigation Work Plan
Dye Trace Study Work Plan (Final)
RI
FS
PP
DD
RD
RA
Area B-1 Site Close-Out Document
Area B-18 Site Close-Out Document
Area B Background and B-20 North Follow-On Work Plan

#### Completion Date

Pending Funding
Pending completion of Background Study
Pending Funding
Schedule being developed
Pending Completion of Background Study
Pending Completion of Background Study
July 02

\* Additional sites are being evaluated for Close-Out Documents.



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# Fort Detrick RI/FS

## Area B Update

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### Completed and Planned Field Activities

#### COMPLETED TASKS SINCE LAST MEETING

- Quarterly Sampling of wells in and surrounding Area B – May 2002

#### PLANNED

- Additional periodic residential and on-post well and surface water sampling - Every 3 months.
- Dye trace study - Schedule being developed (funding dependent).
- Water Treatment System (Krantz) - On-hold pending funding.
- Area B Background Study to assess metals concentrations in background for comparison with site data.
- Additional Residential well research downgradient of Area B to aid in monitoring groundwater contamination.

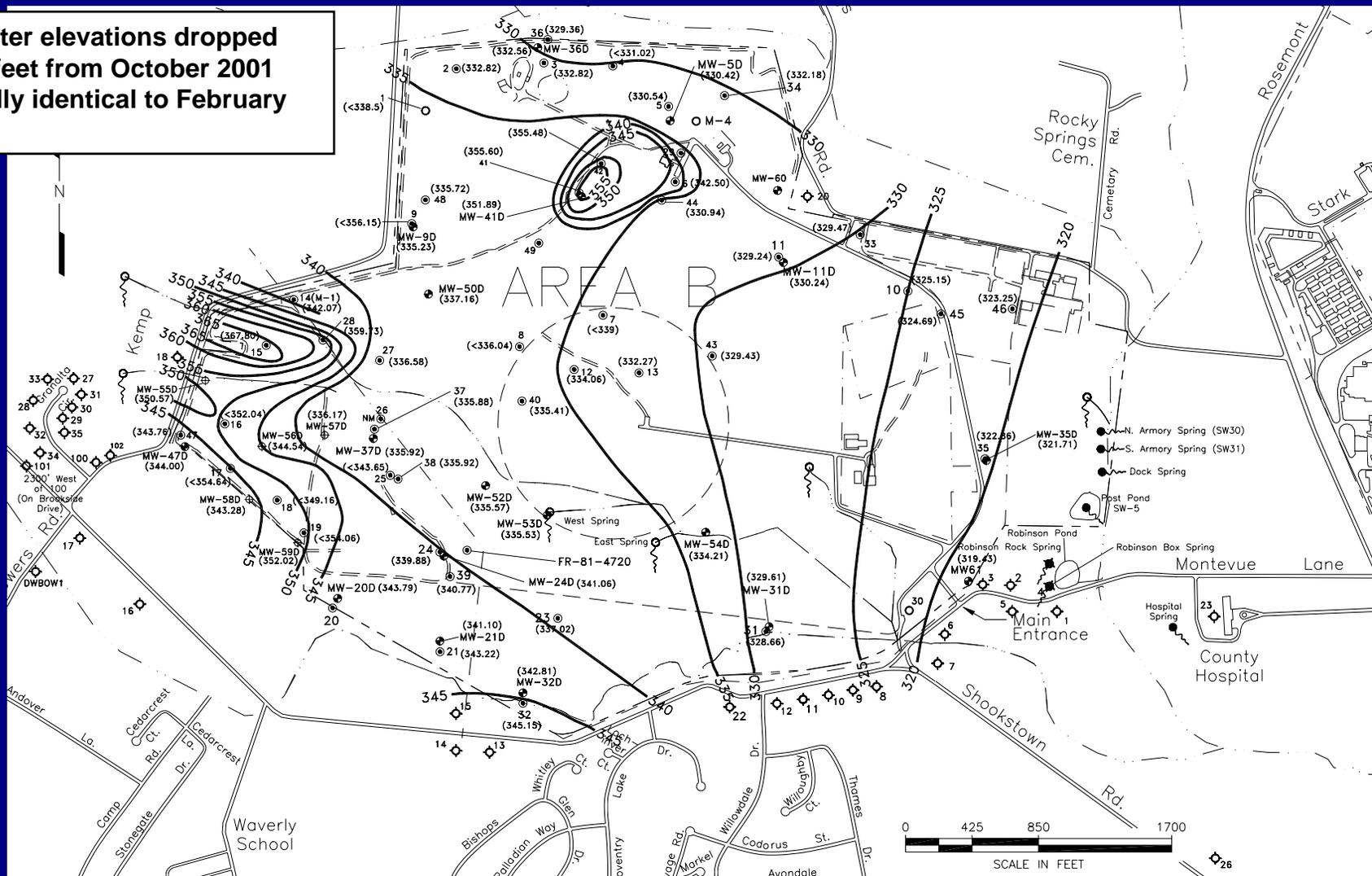


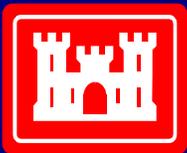
# Area B Water Levels

## May 15, 2002

US Army Corps  
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Groundwater elevations dropped about 0.6 feet from October 2001 and virtually identical to February 2002.





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# Area C Update

- Currently finalizing assessment of groundwater data.
- Final Report to be scheduled based on funding.

