

**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

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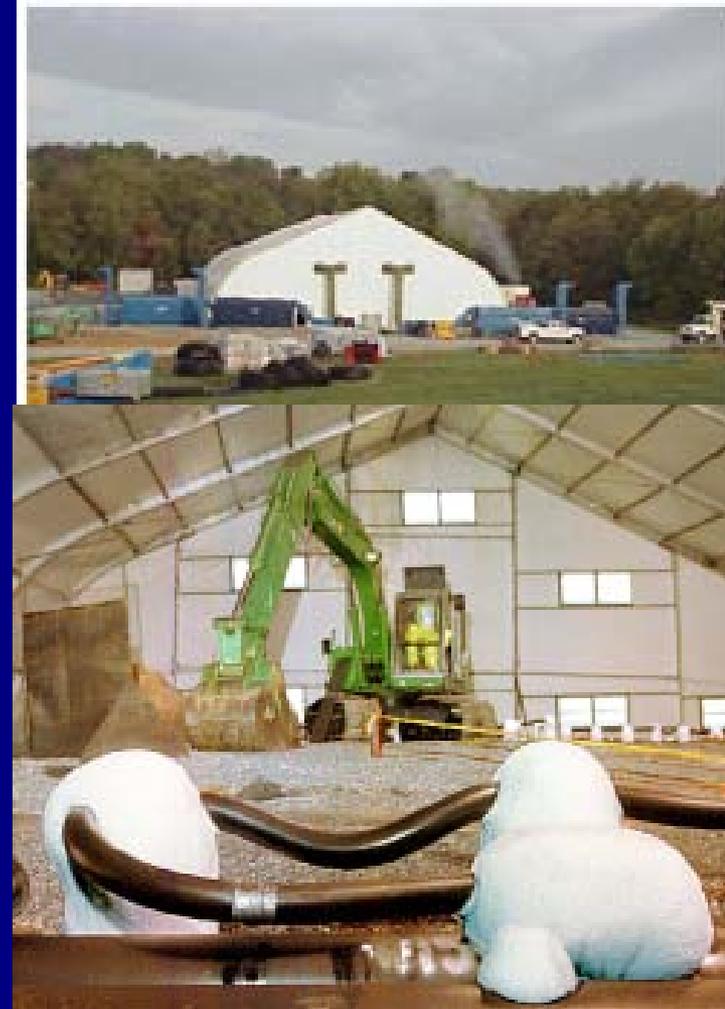
- No lost time accidents or injuries (476 days)

### 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 11 APRIL 2002:

- Suspected pathogen (Meningitis) in soil shipped to Texas was a false positive (soil bleaching 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

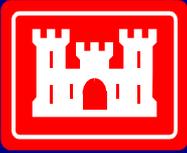
## US Army Corps of Engineers Area B-11 Removal Project Status (Continued) Baltimore District

- Risk Assessment and Retooling Completed:
  - Completed HEPA filtration unit installation
  - 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)





# Fort Detrick

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

### • New Schedule

- Operation to restart on or about June 18, 2002
- Pit 1 to be completed by December 2002
- Planning and setup for pits 2,3,4 scheduled for 2003 pending funding

### • Funding

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





# Fort Detrick RI/FS

## Area A Update

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### Pending Schedule:

Semi-Annual Sampling Report  
LTM (Five Year Review)

Estimated Completion Date  
September 02  
July 06

### 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

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### 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)

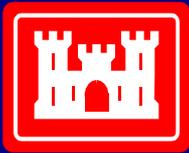
#### PENDING

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.

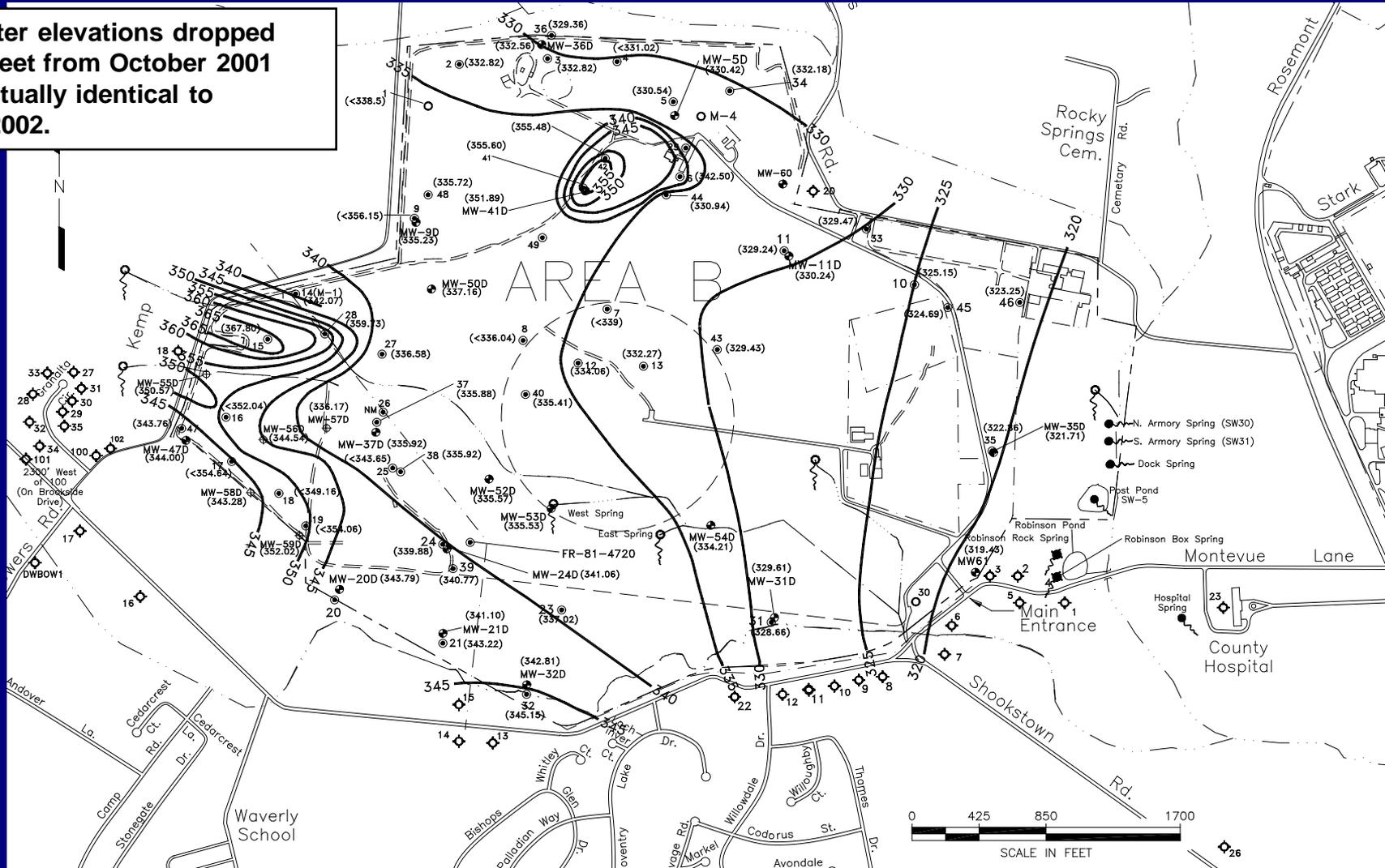


# Area B Water Levels

## May 15, 2002

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Groundwater elevations dropped about 0.6 feet from October 2001 and are 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.

