

**US Army Corps
of Engineers
Baltimore District**

Fort Detrick Installation Restoration Program

**Restoration Advisory Board Meeting
30 March 2005 7:30 PM
Fort Detrick, Frederick, Maryland**



Fort Detrick Area A LTM Update

US Army Corps
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Baltimore District

Pending Schedule:

Semi-Annual Sampling Report (Sept 04 Sampling)

Estimated Completion Date

April 05

Items Completed:

Area A Long-Term Monitoring (LTM) Plan

Area A LTM Sampling (1st round)

Area A LTM Sampling (2nd round)

Semi-Annual Sampling Report (May 02 Sampling)

Area A LTM Sampling (3rd round)

Semi-Annual Sampling Report (June 03 Sampling)

Final Area A LTM Sampling Report (May 03 Sampling)

Final Area A LTM Sampling Report (Oct 03 Sampling)

Award Area A LTM (1 Year of Sampling)

Area A LTM Sampling (4th round)

Semi-Annual Sampling (5th round)

Completed Date

April 02

May 02

June 03

November 02

October 03

November 03

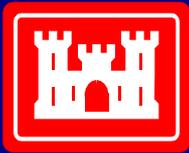
December 03

April 04

May 04

September 04

March 05



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Baltimore District

Fort Detrick RI/FS

Area B Update

DOCUMENTS COMPLETED

	Completion Date
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)
Area B Background and B-20 North Follow-On Work Plan	(Nov 02)
Area B Background Study Report	(April 04)
Area B-11 Close-Out Report	(Sep 04)
Area B- Grid, Skeet, Ammo, B-20 North Work Plans	(Dec 2004)

DOCUMENTS PENDING

	Estimated Completion Date
Area B-1 Site Close-Out Document	March 2005
Area B- Grid, Skeet, Ammo, B-20 North Data Report/Closeout Doc.	October 2005



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Area B Update

Completed and Planned Field Activities

COMPLETED TASKS SINCE LAST MEETING

December 2004 Groundwater Quarterly Sampling
March 2005 Groundwater Quarterly Sampling (ongoing)
Soil Sampling Area B-20 North, B-Grid, B-Ammo, Skeet
- December 2004

PLANNED TASKS

Quarterly Groundwater Monitoring – March 2005
Subsequent tasks under PBC contract



Soil Sampling in Area B-20 North

Soil
Sample
from direct
-Push Rig

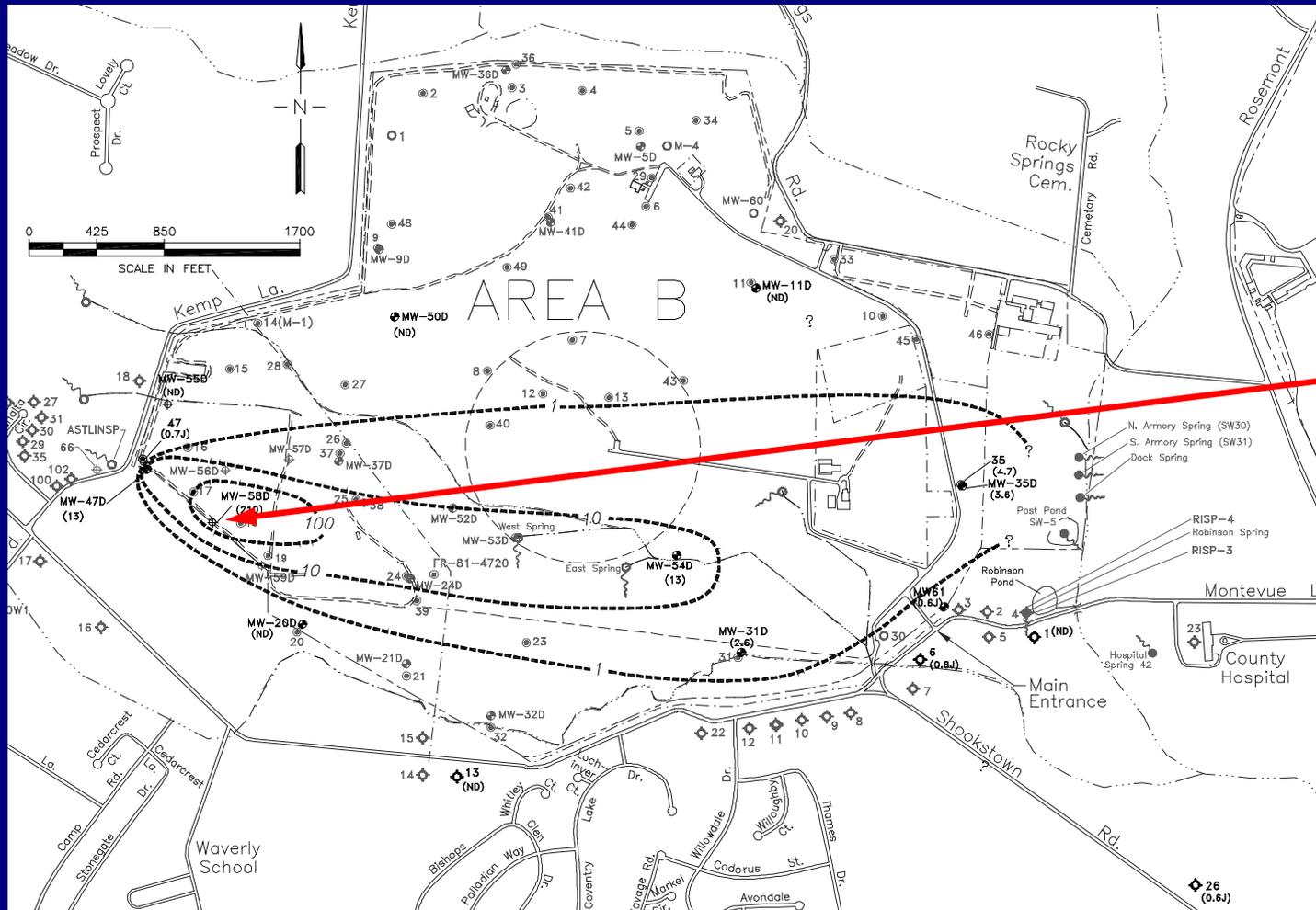




Area B TCE Concentrations

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December 2004



Concentrations on the perimeter of the plume were generally equivalent to recent sampling events.

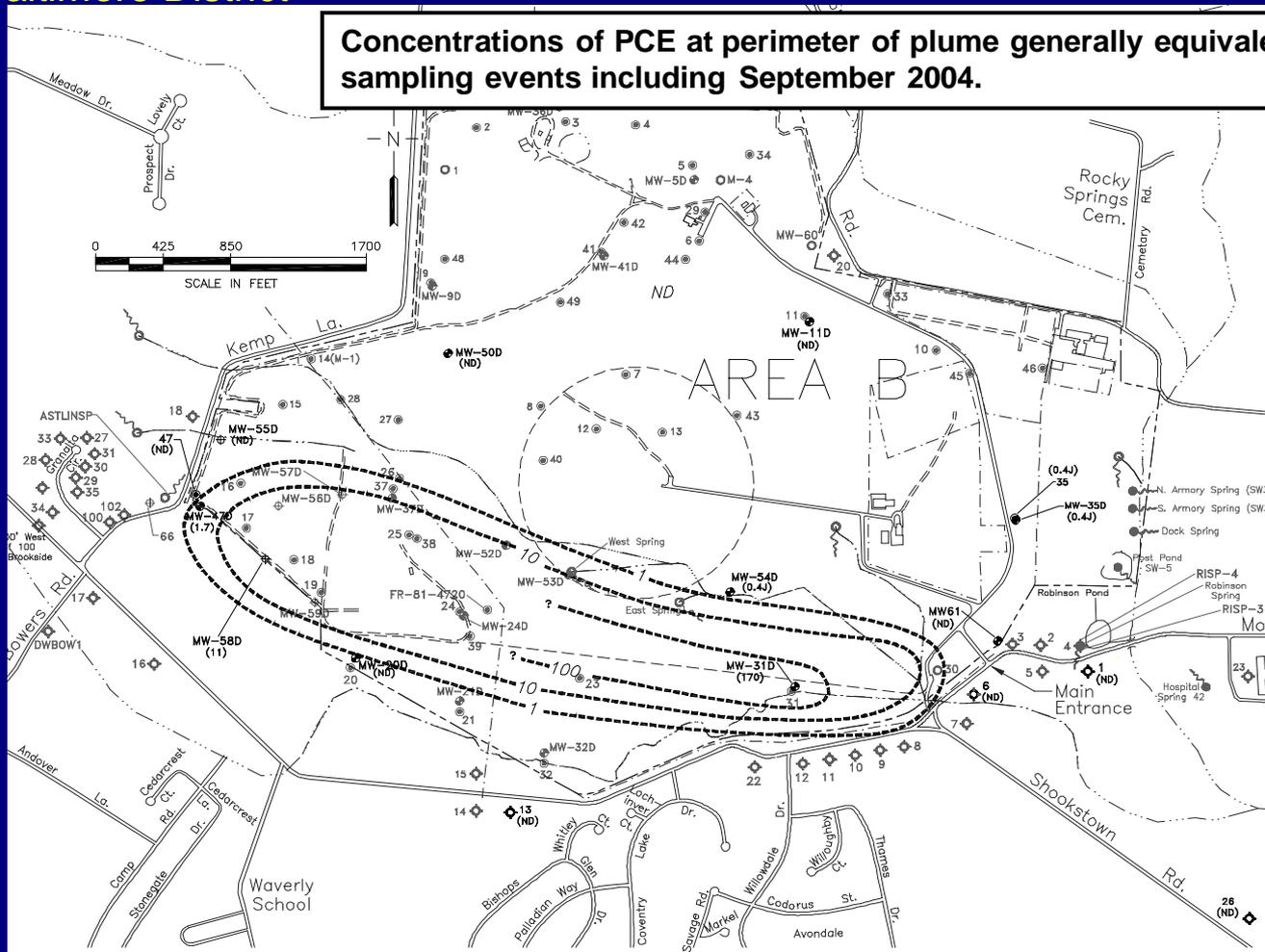
The deep, historically contaminated well 58D had a concentration of 230 ppb, which is 390 ppb lower than September 2004 and within its historical range of fluctuation from 210–1000 ppb.



Area B PCE Concentrations December 2004

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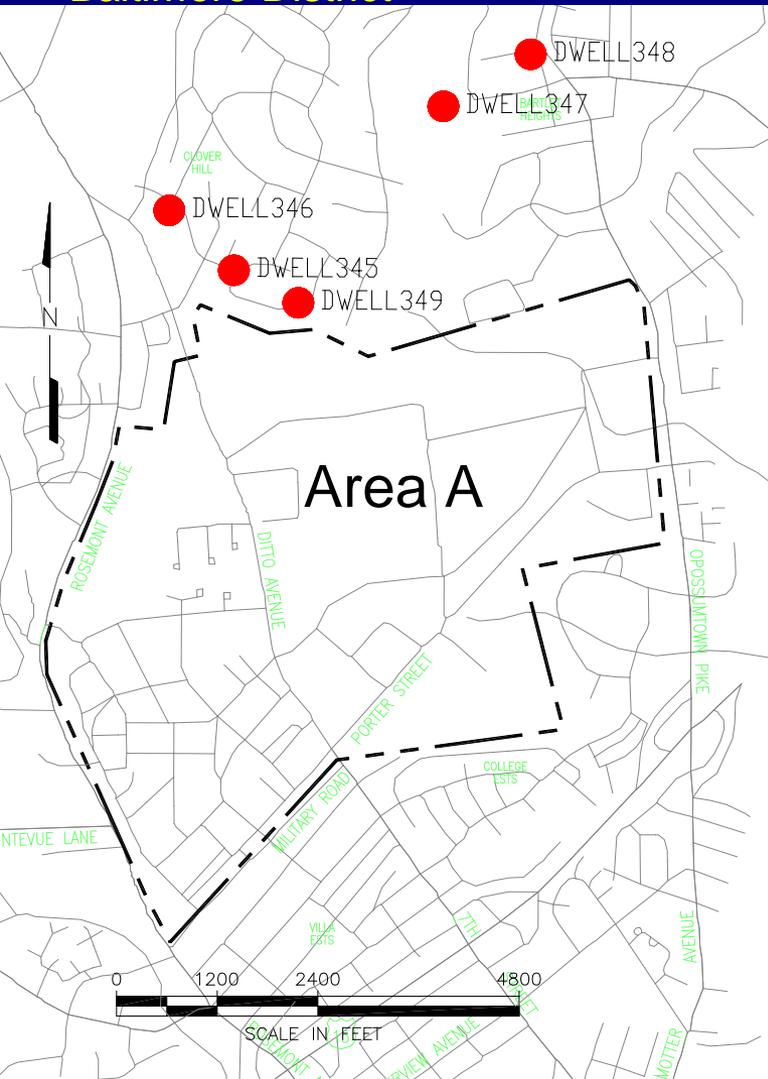
Concentrations of PCE at perimeter of plume generally equivalent to recent sampling events including September 2004.





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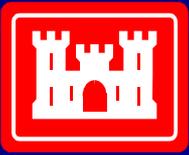
Additional Residential Well VOC Samples



Five additional residential wells were sampled north of Area A at the request of property owners.

Four of the locations had to be tested twice due to cross-contamination concerns.

The final validated results showed no detections at these locations with the exception of one detection of methylene chloride. This detection is attributed to laboratory contamination.



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Area C Update

- Final RI has been submitted.
- Feasibility Study, Proposed Plan and Decision Documents have been funded.
- FS is currently being completed.
- Draft Final FS will be available in soon for RAB review.
- Final FS April 2005

