



Legacy Base Realignment and Closure Active Restoration



Summary of Little Patuxent River MEC Sweep

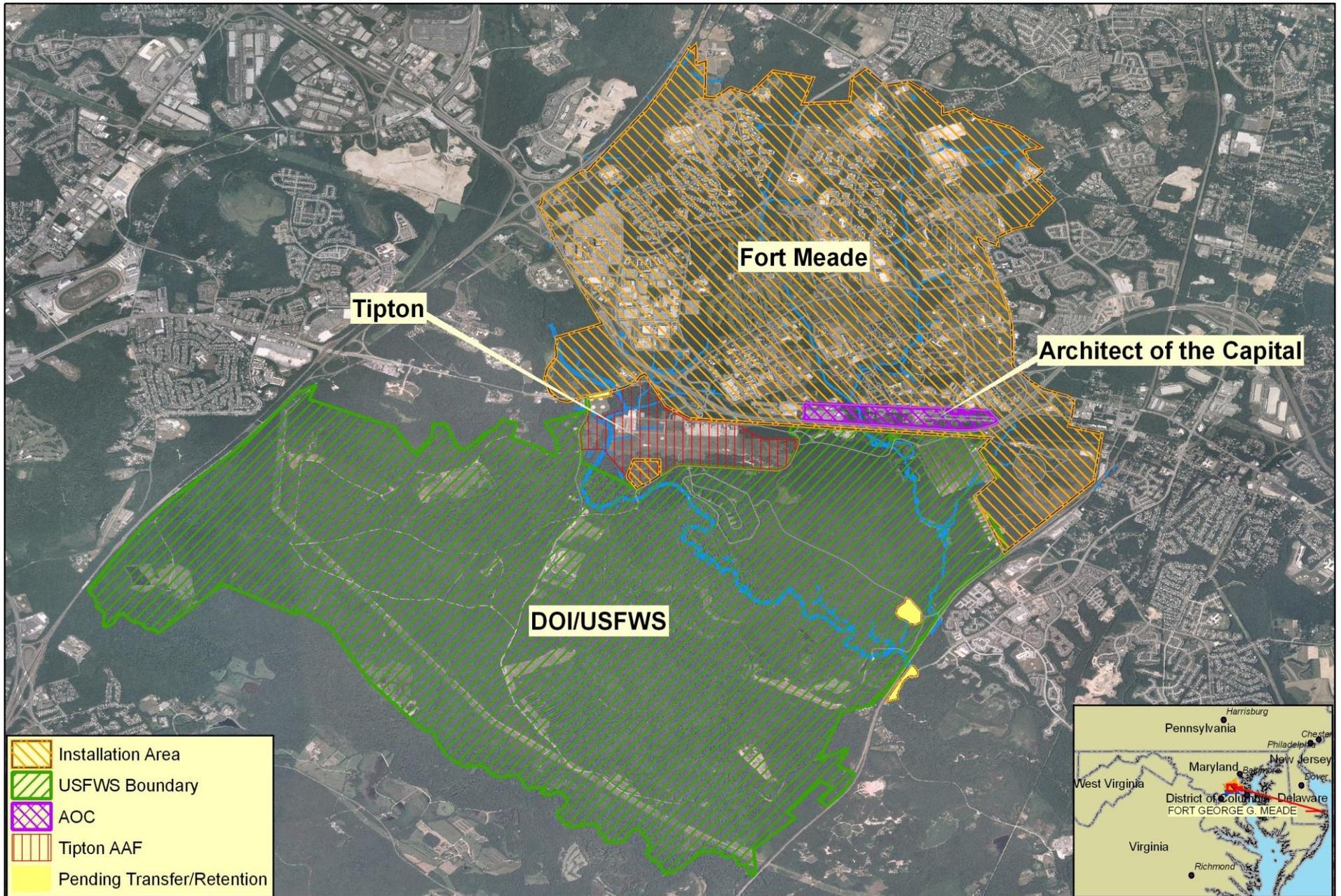
23 – 26 August 2010



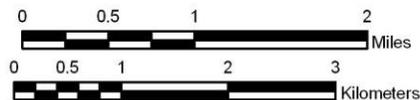
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FT George G. Meade

Current and Former Properties



Created by:
 Office of the Assistant Chief of Staff for Installation Management (OACSIM)
 Base Realignment and Closure Division (BRACD)
 Data Source: Geographic Information System Repository (GISR),
 BRACD and Fort George G. Meade





LPR Sweep Background Info



- The Little Patuxent River (LPR) runs through Anne Arundel County, Maryland, and the U.S. Fish and Wildlife Service's Patuxent Research Refuge (PRR).
- The PRR-North Tract (PPR-NT) consists of approximately 7,600 acres. The PRR-NT encompasses the former range training areas of Fort George G. Meade (FGGM) and was turned over to the Department of Interior in 1991 and 1993 by Congressional mandate.
- Munitions and Explosives of Concern (MEC) and Military Munitions Debris (MMD) are known to exist in the Little Patuxent River in the stretch from 400 ft south of Maryland State Route 198 to the Old Forge Bridge.
- Visual inspection of the banks and bottom of a segment of the Little Patuxent River within Patuxent Research Refuge – North Tract (PPR-NT) is conducted annually.



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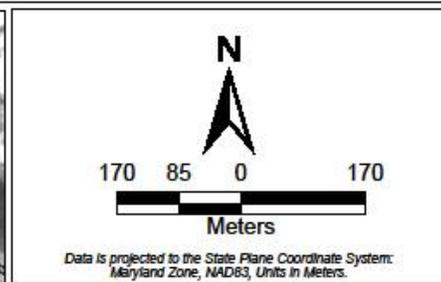
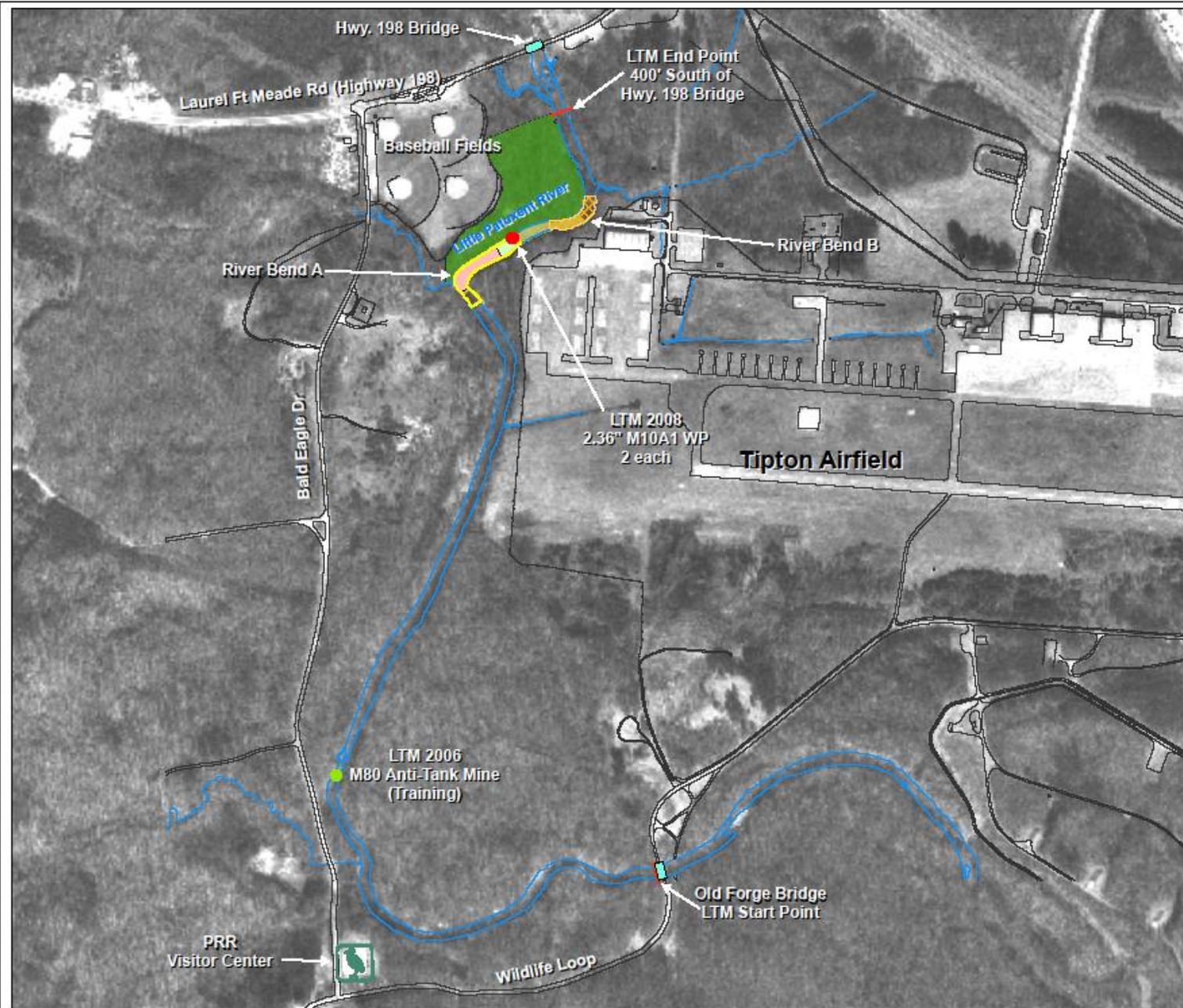


LPR Sweep Background Info



- The Army contracts this activity out to URS Corporation under a U.S. Army Corps of Engineers contract.
- LTM of the Little Patuxent River and riverbanks (approximately 8 acres) from the Old Forge Bridge to a point 400 ft south of Maryland Highway 198.
- Personnel mobilized to the site on 23 August. On-site action was coordinated with the U.S. Fish and Wildlife Service (USFWS) PRR representatives on 24 August.





Fort George G. Meade, Maryland

Figure C-1
Long Term Monitoring Overview Map

Legend

- WP Rocket Locations (LTM 2008)
- M80 Anti-Tank Mine (LTM 2006)
- Ft. Meade Features
- Little Patuxent River

Rocket Discovery Areas:

- Area 1
- LTM 2006/2007/2008/2009
- LTM 2007/2008/2009
- LTM 2008
- LTM 2007
- LTM 2005

| | | | |
|--|-----------------------|---|--|
| USA <i>Environmental, Inc.</i> | | US Army Corps of Engineers, Baltimore District | |
| Drawn By: SPC | Scale: 1" = 170 m | Rev: | |
| Checked By: | Date Drawn: 8-24-2009 | | |
| Submitted By: DM | Revision Date: | | |
| Path: c:\projects\ft.meade\ LTM Overview Map.mxd | | | |



River Sweep MEC Techs



To perform the search, five UXO Technicians were deployed side by side, spaced at approx 5 ft intervals.



08/24/2010



River Sweep X-ray Operation



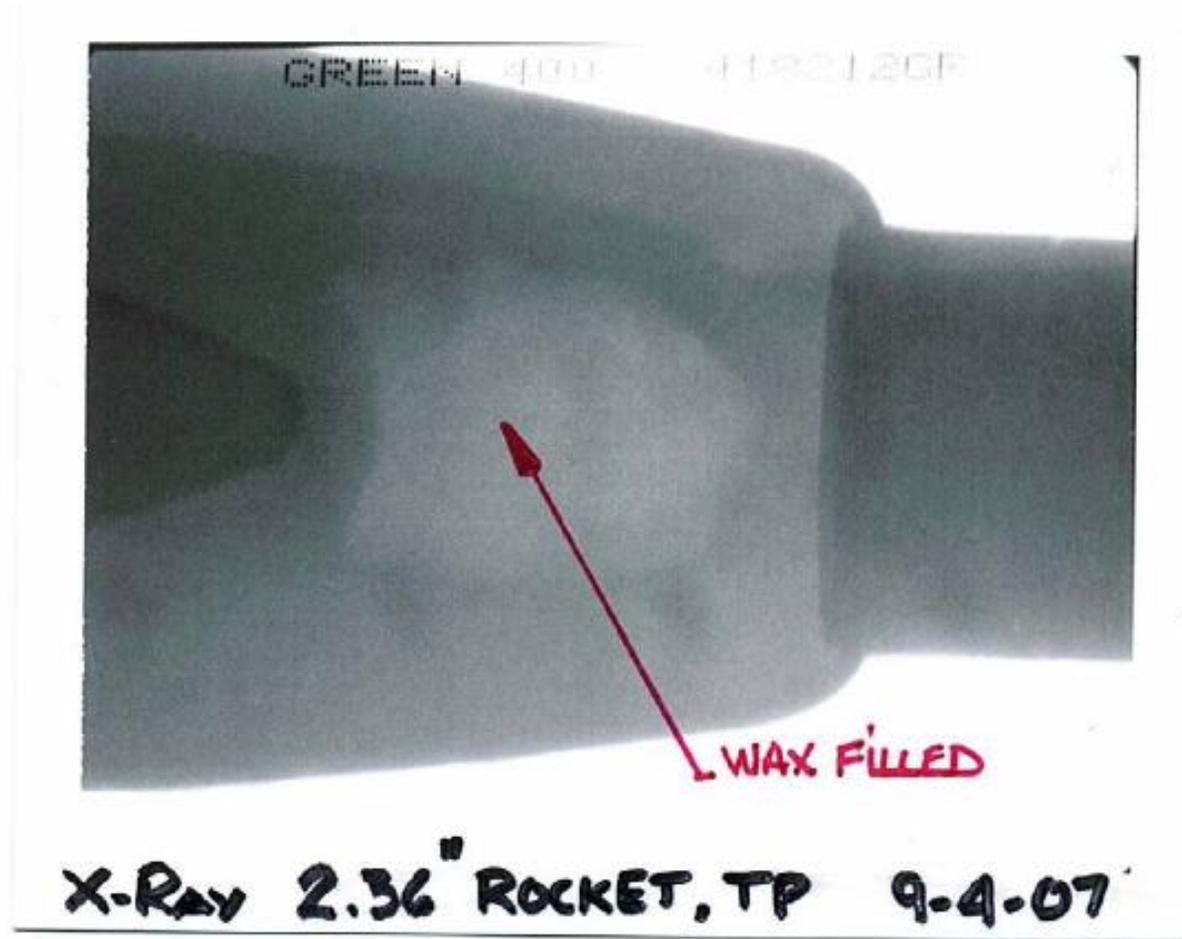
Picture 2-3: X-Ray of 2.36-inch Rocket - LTM 2007



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River Sweep X-Ray Image



Picture 2-4: X-Rayed Image of 2.36-inch Rocket TP – Wax Filled





River Sweep X-Ray Image



X-rayed Image of 2.36-inch Rocket w/ Ballistic Counter Weight





Some
of the
items
X-rayed



Typical Munitions Debris



Picture 2-7: Warhead Body and Cones of 2.36-inch Rocket TP (Munitions Debris)



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Typical Munitions Debris



Picture 2-9: Rocket Motors (Munitions Debris)



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Summary of Recovered Items

- All items were 2.36-inch rockets (practice)
 - 75 items consisting of:
 - 74 2.36-inch rockets, and
 - 1 ballistic counterweight
 - All 75 items were found near Bend A of the river.
 - All 74 rockets were suspected MEC items and were remotely removed from the riverbed.
 - Of the 74 rockets, 37 were visually identified as munitions debris (MD).
 - The remaining 37 were x-rayed and were all confirmed to be expended practice rounds.
 - 205 lbs of MD was shipped for disposal.



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QUESTIONS ?



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