



# **Agenda for 15 April 2010**

## **Picatinny Arsenal**

### **Restoration Advisory Board**



- **Attendance, Introductions & Correspondence**
- **Old Business**
- **TAPP Contract and Financial Report**
- **Review of Next Edition of the Newsletter**
- **Update on the 600 Hill Groundwater Operable Unit (Shaw)**
- **Discussion on NJ Standards as ARARs**
- **Groundwater Update (ARCADIS)**
- **MMRP/Installation Restoration Program Update in a Minute (if time allows)**
- **Synopsis and Next Meeting**



## **Technical Assistance Public Participation (TAPP) UPDATE**



- **The 2<sup>nd</sup> waiver request was approved January 11, 2011 for 100k for 4 additional years of 25K.**
- **RAB notified of the good news and warning about time line on old and new contact.**
- **Funding is programmed**
- **SubSurface Solutions contract ended the middle of March allowing her to finish draft newsletter but not doing any work associated with the contract.**
- **Picatinny working the Procurement but expect award by next RAB or no later end of fiscal year**



# The new issue with NJ numbers

- Not the Army but EPA
- Holding NJDEP review of documents
- “.....*EPA is currently reviewing the NJ soil remediation standards to determine their applicability as ARARs so we can not at this time agree with the proposed ARAR language that was forwarded to this office. Other issues of concern that need to be further discussed with the state are the extensive use of existing vegetative covers as engineering controls, 6 inch soil covers (constructed), averaging of contaminants, and hot-spot lead removals to the 5X cleanup standard (ie, are these methods consistently applied at other Superfund sites in the state).*”

# The new issue with NJ numbers

*“...Discussions with the state over these issues is not likely to take place until next month with the holidays and a new governor taking office. EPA can not agree with the 25 Site FS as currently written as stipulated in the meeting minutes until EPA completes its assessment of the new soil standards and discusses the concerns listed above with DEP management.”*



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*Update*

**Installation Restoration Program**  
**April 15<sup>th</sup> Presentation**  
**to the**  
**Picatinny Arsenal Restoration Advisory Board**



# Investigations Status



- **Most Remedial Investigations considered completed**
- **Continued Groundwater and Surface Water Monitoring:**
  - Area D Plume Groundwater
  - Area E Groundwater
  - Post Farm Groundwater
  - Area B Groundwater
  - Green Pond and Bear Swamp Brook
  - Area C Groundwater
- **MidValley Groundwater wells and reevaluation: more work is necessary**
- **Sampled of Site 111 Groundwater for Perchlorate and drinking water wells: Results were below criteria**
- **Skeet Range Investigation Workplan and Investigation approved and starting this month, Remedial Investigation to follow – perhaps removal**
- **MTBE investigation continues**



# Status of Feasibility Studies

- Considered approved
  - 600 Hill Groundwater FS approved (discussed tonight)
  - 25 Site LUC FS approved in September by EPA
- Recently submitted or soon to be
  - PICA 111 being revised based on request by EPA for another alternative
  - Shaw 25 Site FS
  - Lake FS: Comments from EPA
  - Non-Lakes FS:
    - 5 Site FS
    - 45 Site LUC FS
  - MidValley Groundwater to be revised based on results of investigations



# Picatinny Map

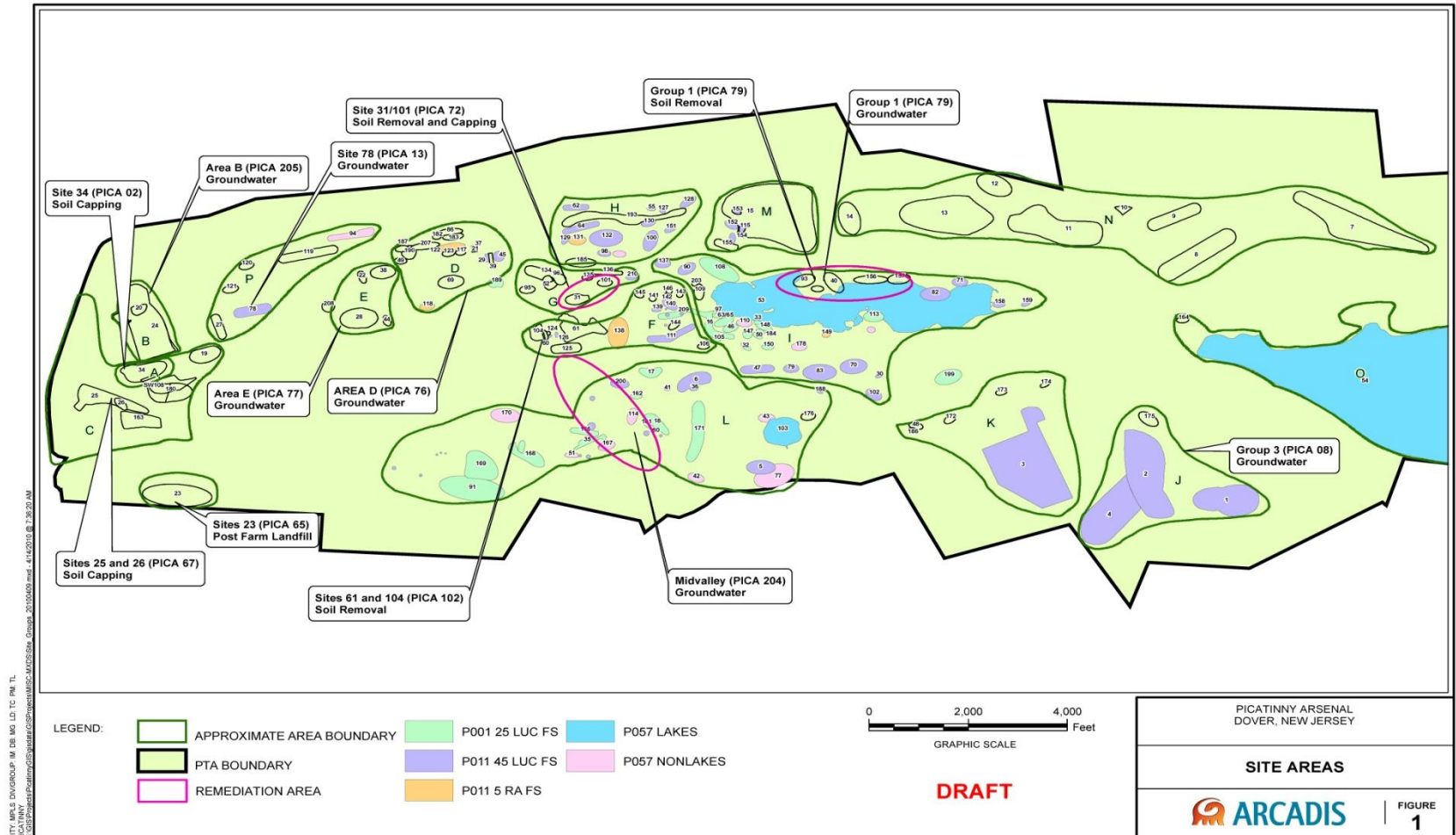
## RI Concept Sites and

## Groundings for FS

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# Status of Proposed Plan



- Submitted or soon to be:
  - 25 Site Proposed Plan
  - 600 Hill GW Proposed Plan
  - PICA 111 Proposed Plan



# Status of the Records of Decision

- **Signed ROD, Implemented:**
  - Site 20/24 considered complete except LUC monitoring
  - Post Farm: Action is considered complete except for monitoring
  - Green Pond/ Bear Swamp Brook: Only monitoring remains
  - Area D Groundwater: Permeable Reactive Barrier monitoring continues
  - Site 25/26: ICs and vegetative cover considered complete
  - Site 180 ROD: Complete except LTM
  - Area E Groundwater: Consider complete except for the MNA monitoring
  - 13 Sites Institutional ROD PICA 20- Approved by EPA, LUC ongoing
  - Site 61/104 considered complete
  - Area B Groundwater: Considered Remedy in Place
  - Site 31/101 DRMO Yard:
  - Southern Boundary/Area C
  - Burning Ground: Impermeable Cover and Reuse - must wait for incinerator
- **FY 2010 RODs Expected**
  - PICA 13 (Proposed Plan Public Noticed tonight)
  - Group 1 Gw and Soils
  - Group 3 Gw and surface water
  - *ARCADIS 25 Site FS for LUCs and 2 removals (possible)*
  - *600 Hill ROD (possible)*



# Remedial Design Reports

**Remedial Design Reports describe the results of action - all approved by EPA**

- **Post Farm Report**
- **Site 180 Report**
- **Site 25/26 Report**
- **Area B GW**
- **Area E GW Report**
- **Area D GW Report**
- **Green Pond Brook/Bear Swamp Brook**
- **Site 104/61 Report**



# FY 2010 Expectations from October RAB



## **IRP**

- Public notice the proposed plans then complete Record of Decision for up to 8 sites including Group 1, Site 78 and Group 3, MidValley Groundwater
- Implement bioremediation or monitored natural attenuation at 2 groundwater sites plus continue gw remediation at 2 sites
- Complete FS's at 4 Sites (Remedial Action 5 site FS, PICA 57 , 600 Hill Groundwater Feasibility Study, PICA 13)
- Initiate remedial investigation at Former Skeet Range
- Implement the remedial design for the groundwater for the Southern Boundary at Picatinny

## **MMRP**

- Initiate and complete a removal action for 10 acres of potential unexploded ordnances at Tilcon Mines by end of FY 10
- Award contract and initiate remedial investigation for Picatinny MMRP eligible sites by the end of FY 10.
- Perform UXO Clearances and construction support for various project including those for incoming BRAC



# Programmatic Developments

## Picatinny's Installation Restoration Program



- 2009 Installation Action Plan final and on web:
  - [https://aero.apgea.army.mil/pIAP-Doc/picatinnyarsenal/picatinnyarsenal\\_2009\\_IRMR\\_v1.html](https://aero.apgea.army.mil/pIAP-Doc/picatinnyarsenal/picatinnyarsenal_2009_IRMR_v1.html)
  - Can not provide cost data to Public
  - 2010 IAP being drafted
- 2-year Workplan for FY 10 approved by NJDEP (Greg) and Army (Ted)
- Compliance sites now covered by ER-A
  - Covered by Defense and NJ MOA and EPA agreement
  - Must follow CERCLA not NJDEP Regs
  - Covered in IAP



# Status of Military Munitions Response Program (MMRP)

- Addresses Munitions and Explosives of Concern at eligible sites (non-operating ranges) at and off Picatinny
- ***The Program***
  - ***Site Inspection Report*** approved by Army and regulators in April 2008
  - Definition of the area of the operating ranges may change at Picatinny
- **Ongoing Actions**
  - On-going Construction Support for project within eligible areas
  - 3<sup>rd</sup> Mt Hope Removal Action partially completed on piles of soil fall/winter. (see article in newsletter)
  - EE/CA Report on about 60 acres of Picatinny including residential area submitted and comments from NJDEP's consultant have been addressed.
  - Public Notice for Decision Document based on outcome of EE/CA for continued construction support and more education of public
- Remedial Investigations for all Sites being contracted out by the Corps

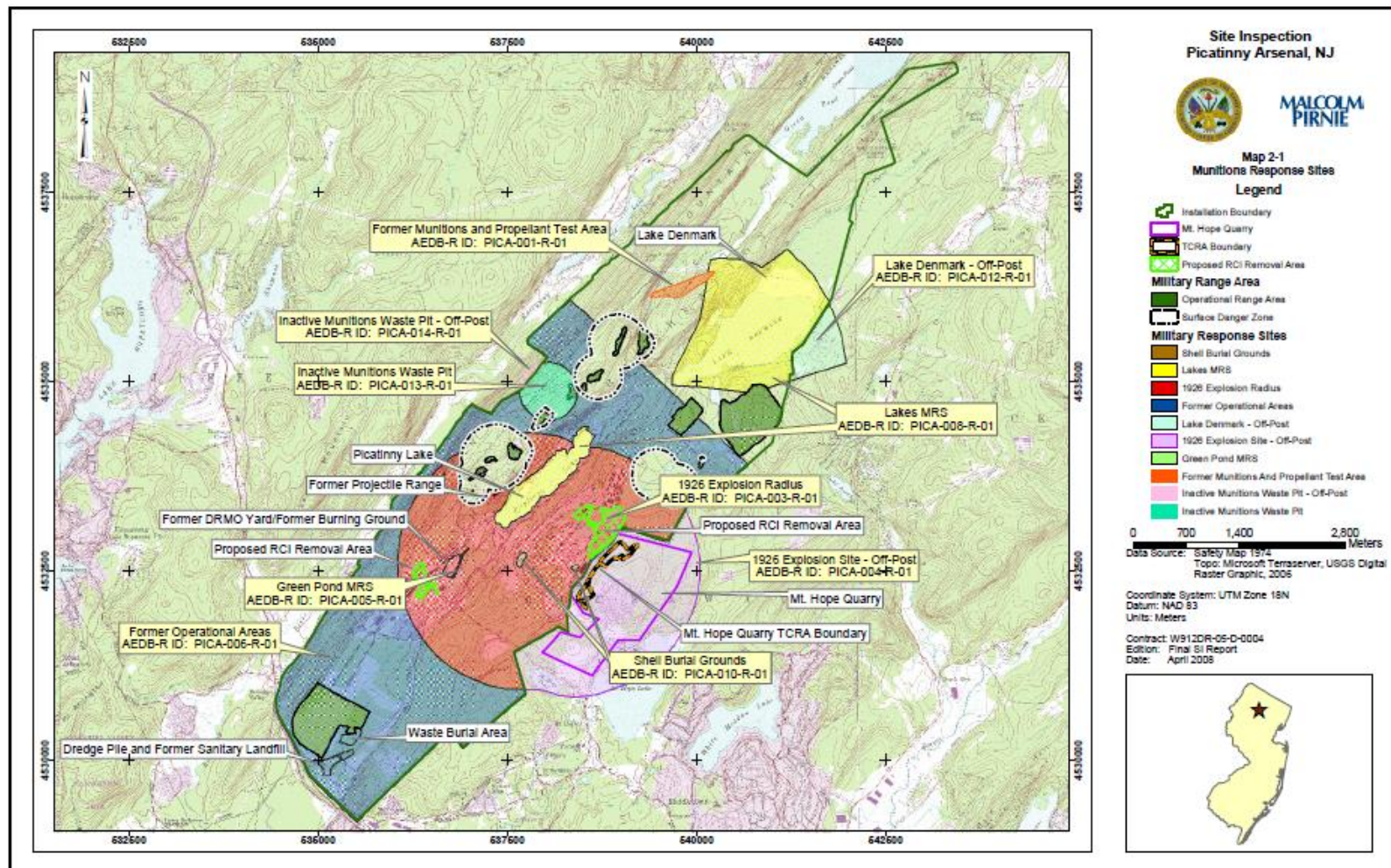


# Map of Picatinny's MMRP Sites

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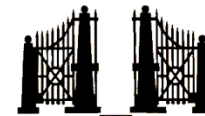
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# The End of the Beginning 1989 Interim ROD

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