

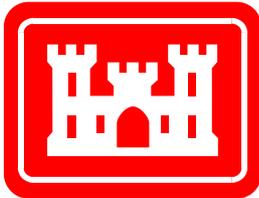


# Fort George G. Meade



## New Projects for Federal Fiscal Year 2013

### Restoration Advisory Board Meeting November 15, 2012



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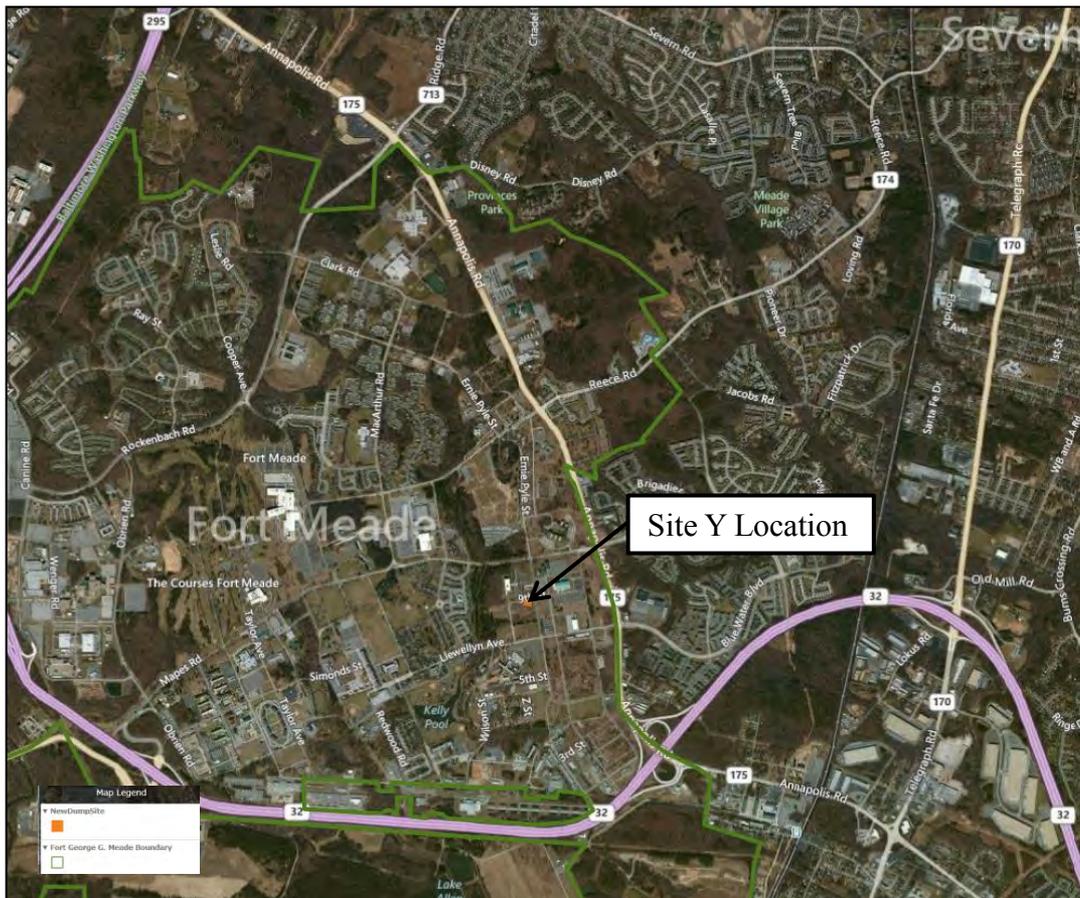


# Agenda

- Site Y
- Pershing Hill Soil Stockpile Disposal
- OU-2 System Deconstruction
- Preliminary Assessment/Site Inspection (Phase II)



# Site Y





# Site Y



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# Site Y

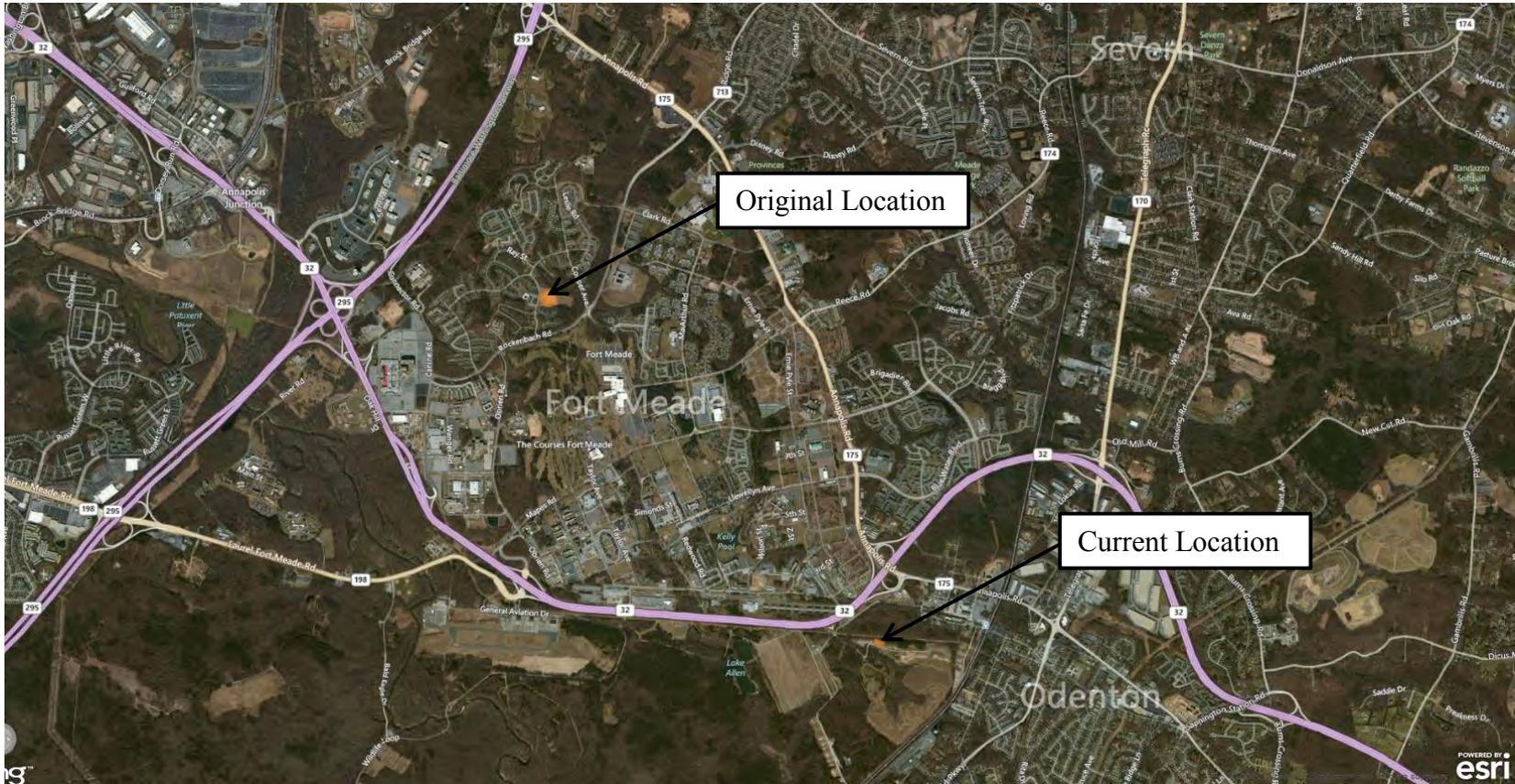


Dump site discovered during Earth Day 2012. Soil piles contain 1940's era glassware, ash and demolition debris . Aerial photos show soil was dumped in 2000-2001. MDE inspected site and issued Site Complaint.

- Army Public Health Command sampled soil piles: Trace levels of contamination but none above human health risk screening levels. Asbestos containing transite panels were found.
  - Non-hazardous waste
- Plexus contracted to dispose of soil at an approved licensed facility and collect post-removal samples. Contingencies to over excavate if necessary .
- Contract related documents currently in production. Soil pile removal expected to occur in second quarter FY13.
- Next Step – Site becomes a PA/SI site.



# Pershing Hill Stockpile

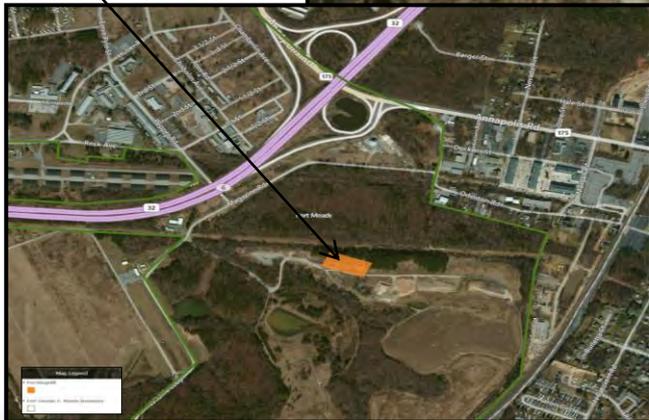




# Pershing Hill Stockpile



Location





# Pershing Hill Stockpile



A burn pit was discovered during the re-construction of Pershing Hill Elementary School (ES). The contents were removed and stockpiled on-site. Stockpile exceeded site capacity and was transported to a permitted and controlled location at the Closed Sanitary Landfill. Pershing ES opened on time.

- PARS Environmental, Inc. contracted to dispose of the soil at a an approved licensed facility and collect post-removal samples.
- Contingencies in contract to over excavate, if necessary.
- Contract related documents currently in production. Soil stockpile removal expected to occur in second quarter FY13.



# OU-2



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## Former Troop Housing Boiler Plant



Site Location





# OU-2



## Former Troop Housing Boiler Plant



Groundwater extraction system enclosure



Free-phase hydrocarbon collection system



# OU-2



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## Former Troop Housing Boiler Plant

OU-2 is the site of the Former Troop Boiler Plant that contained groundwater contamination from hydrocarbons released from on-site underground fuel and waste oil storage tanks. Two remediation systems were installed; one to remove free-phase hydrocarbons and the other to treat groundwater. Site remediation completed in and all wells removed; regulatory closure received in December 2009.

- EA Engineering contracted to deconstruct and dispose the two systems.
- Majority of structures will be recycled (building metal sides and frame, metal tanks, and concrete).
- Operations components (compressor, control panel, and air scrubber) will be given to Defense Reutilization and Marking Organization for re-sale.





# Preliminary Assessment/Site Inspection (PA/SI) Update

## Phase II



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# PA/SI Phase II



- A Preliminary Assessment/Site Inspection (PA/SI) is a Base wide environmental study.
- The PA identified over 100 areas of interest (AOIs) that could become closed or possibly need further investigation.
- The majority of these AOIs were previously investigated but the final resolution (no further action or to continue investigating the AOI) was not finalized in writing.
- The PA was conducted to assess the status of these sites and where appropriate, recommend the collection of additional data to determine if the site can be closed or if it needs to be carried further in the CERCLA process.
- Last RAB update of the PA/SI was January 2010.





# PA/SI Phase II Overview

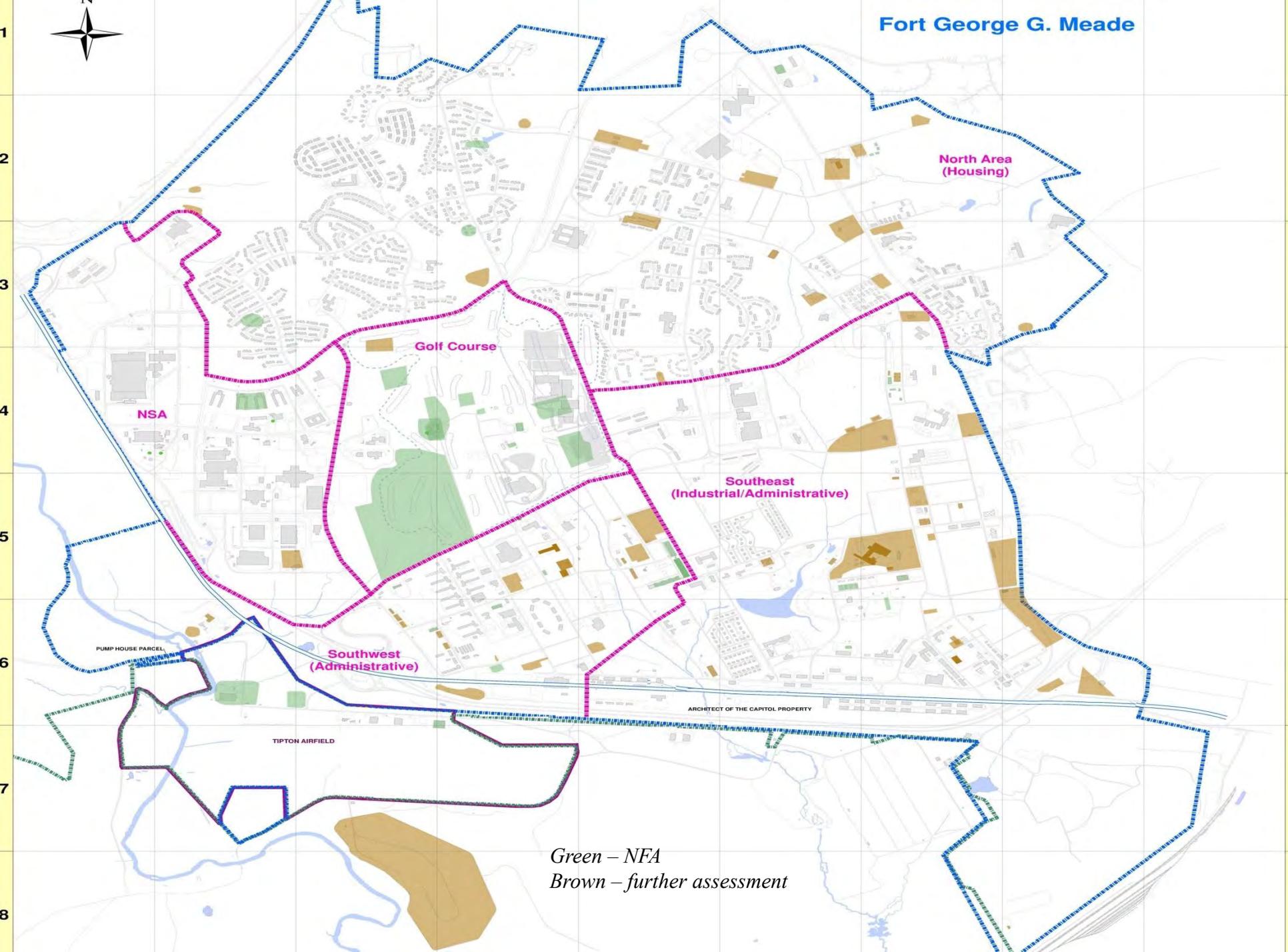


- The majority of the AOIs are tracked under the Army designations of FGGM-95 (as former landfill AOIs) and FGGM-96 (as former motor pools, wash racks, and buildings).
- The level of existing documentation is the principle determining factor in establishing the next phase of work in re-evaluating the AOIs.
  - If previous environmental samples are available for an AOI = desktop review with risk analysis.
  - Sites without previous sampling = conduct field sampling activities followed by laboratory data validation, risk analysis, and report preparation recommending either no further action or continue on to next CERCLA phase of work – an RI/FS.
- The work is being performed collaboratively with EPA, MDE, AOC, USFWS, and other interested parties.



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North Area  
(Housing)

Golf Course

NSA

Southeast  
(Industrial/Administrative)

Southwest  
(Administrative)

PUMP HOUSE PARCEL

TIPTON AIRFIELD

ARCHITECT OF THE CAPITOL PROPERTY

*Green – NFA*  
*Brown – further assessment*



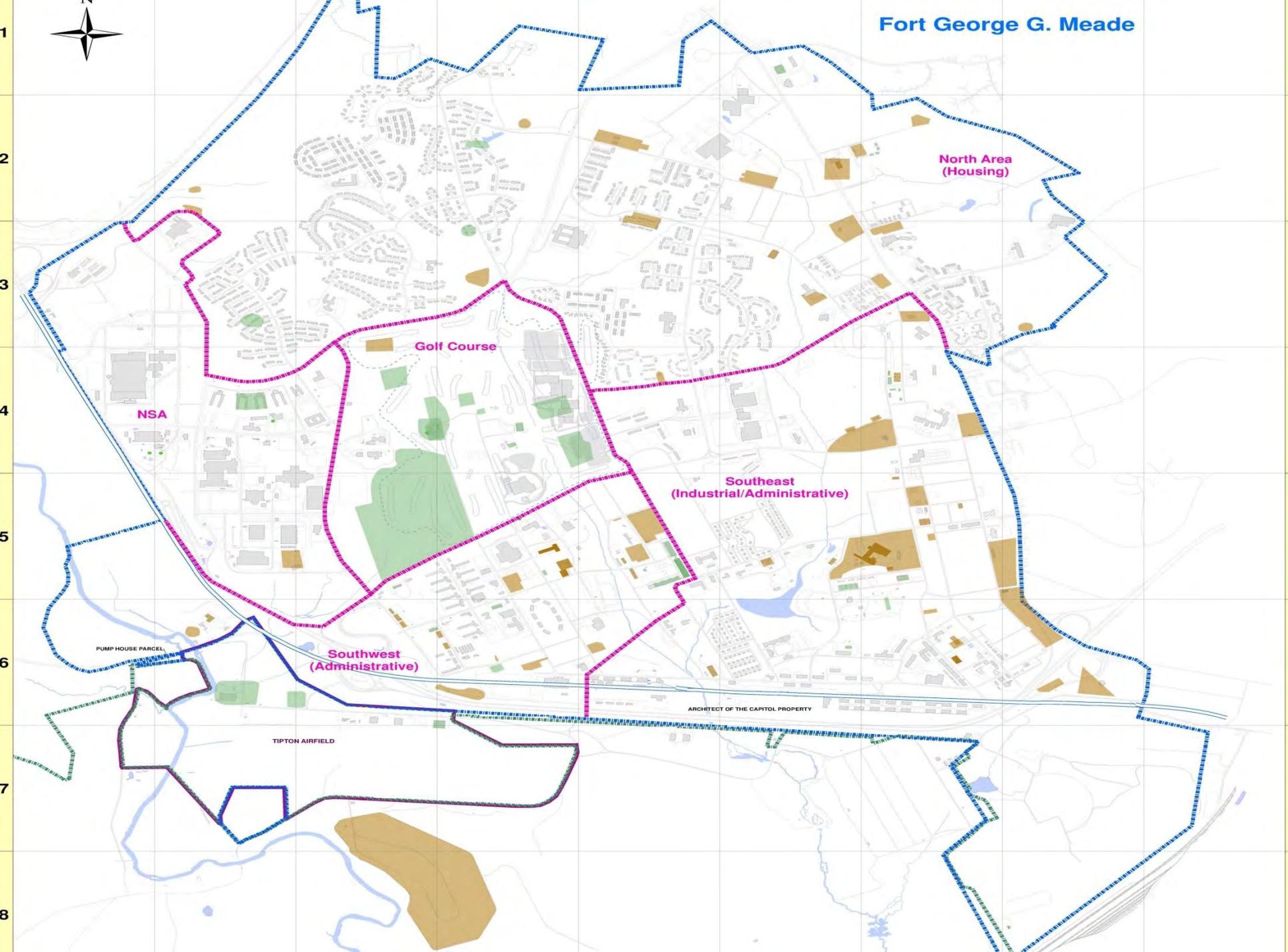
# PA/SI Phase II Areas of Interest (AOIs)



- AOIs were geographically grouped
  - Golf Course
  - North
  - Southeast
  - Southwest
  - South of Route 32



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# Fiscal Year 2012

- NFA approval for 10 Golf Course AOIs.
- NFA approval for 11 North AOIs.
- NFA approval for 11 Southwest AOIs.
- NFA approval for 8 Southeast AOIs.
- NFA for 7 South of 32 AOIs (NFA approval for 2 AOIs and administrative closure for 5 AOIs).
- Field work through final report for the Golf Course AOIs were completed.
- Field work for 16 AOIs (mostly in the North) was completed.



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# Fiscal Year 2013



- Complete field work for in all geographic areas.
  - Drill wells, collect soil and groundwater samples, submit samples to laboratory for analysis.
- Prepare reports in Draft, Draft Final, and Final
  - Validate lab results, enter lab data into database, run risk analysis on lab data, summarize field work, write reports.
- Solicit input on Draft and Draft Final reports from EPA, MDE, RAB, and other interested parties.
  - Changes will be made to reports based on input received.



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# Projected Schedule



- Begin field work on Southeast and remaining North AOIs – November 2012.
- Begin field work on Southwest and South of 32 AOIs – December 2012.
- Draft Reports
  - North AOIs – May 2013.
  - Southeast AOIs – June 2013.
  - Southwest AOIs – July 2013.
  - South of 32 AOIs – July 2013.
- Projected date of Final Reports - March 2014





# After The PA/SI?

- For each AOI, one of the following actions will be taken:
  - No Further Action Determination
  - Remedial Investigation/Feasibility Study (RI/FS)
  - Interim Response (Removal Action)
  - Decision Document
  - Record of Decision





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