



# Fort George G. Meade



## Manor View Dump Site Non-time Critical Removal Action Update

Restoration Advisory Board Meeting  
May 17, 2012

Tom Crone - ARCADIS





# Manor View Dump Site

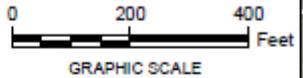


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LEGEND:

-  SITE BOUNDARY
-  METHANE GENERATING WASTE FOOTPRINT
-  DEBRIS/FILL FOOTPRINT



GRAPHIC SCALE



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# Summary of Removal Action



## Three Major Phases of Work



1. Site Controls  
(5 weeks)

2/13/2012



2. Excavation,  
Transportation,  
Disposal, and Backfill

(9 weeks)  
3/22/2012



3. Site Restoration  
(1.5 weeks)

5/28/2012

← Ongoing Air Monitoring, Methane Monitoring, Traffic Control, Dust Control, Odor Control, and Noise Control →



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# Project Status



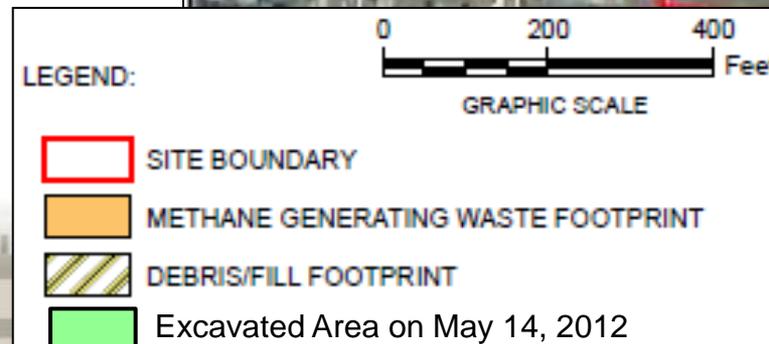
5 weeks of site preparation complete

8 weeks of excavation complete

9,130 tons of waste removed (~415 trucks)

1-2 more weeks of excavation remain

1-2 weeks of site restoration remain



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Site Entrance on 2<sup>nd</sup> Corps Blvd

Access Road (facing north)





**Site Conditions During Site Preparation Phase**



**Site Conditions On May 15, 2012**



**Waste Excavation and Load out**



**Waste Excavation and Load out**



**Waste Excavation and Overburden Management**

# Typical Profile

5 - 10 feet of overburden

Brown sands above and below the waste

Waste layer

Gray clay bottom





Typical Appearance of Waste



# Eastern side of the excavation



# Eastern side of the excavation

Overburden

Brown sands above and below the waste

Waste layer

Gray clay bottom





# Project Video



4 minute video of waste excavation





# Cultural Resources



## Items Found Include:

- Three dog tags (not pictured)
- Miscellaneous bottles
- Hospital dishes (not pictured)
- Mess kits and canteens

No unexploded ordnance, drums, or asbestos containing material has been found





# Air Monitoring



1 of 4 monitoring stations deployed daily



## Typical Daily Results

Project Location : FGGM 93-ManorView Dump Site		Project # : GP09MEAD.MANO.GH002					
Date: 5/11/2012		Sampling Personnel: M.W.					
	Wind Direction	Time	Station	Methane (%)	Noise (dB)	Odor	Comments
1	NW	945	North	0.0%	55.4	0	excavator loading ou
		947	East	0.0%	54.5	0	
		949	South	0.0%	55.6	0	
		952	West	0.0%	61	0	
2	NW	1335	North	0.0%	57.6	0	excavator and truck rolling
		1333	East	0.0%	53.6	0	
		1340	South	0.0%	58.2	0	
		1337	West	0.0%	65.6	0	
3	NW	1707	North	0.0%	58.9	0	excavator and truck rolling
		1703	East	0.0%	56.5	0	
		1700	South	0.0%	55.9	0	
		1649	West	0.0%	60.1	0	

\*\*Work Zone perimeter action level for METHANE: 10% LEL equal to 5,000ppm  
 \*\*Work Zone action level for NOISE: 90 decibels  
 \*\*Work Zone action perimeter action level for ODOR: 3 or higher (on a scale of 1-5)

### Monitoring Program Includes:

Volatile organic compounds, dust particulate, odor, methane, noise

Results presented to Army weekly  
No action levels have been exceeded

### Monitoring and communication equipment





# Community Outreach



## Public Outreach:

- Letters to residents (Potomac Place)
- Letters to families of school children (Manor View Elementary School)
- Newspaper articles
- Facebook updates
- Fact Sheet





# Project Conclusion



- Complete removal action and restoration by mid-June
- Prepare and submit Interim Remedial Action Report
- Initiate post-removal monitoring and prepare remaining CERCLA document to address the remaining portions of the Site



# Points of Contact



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