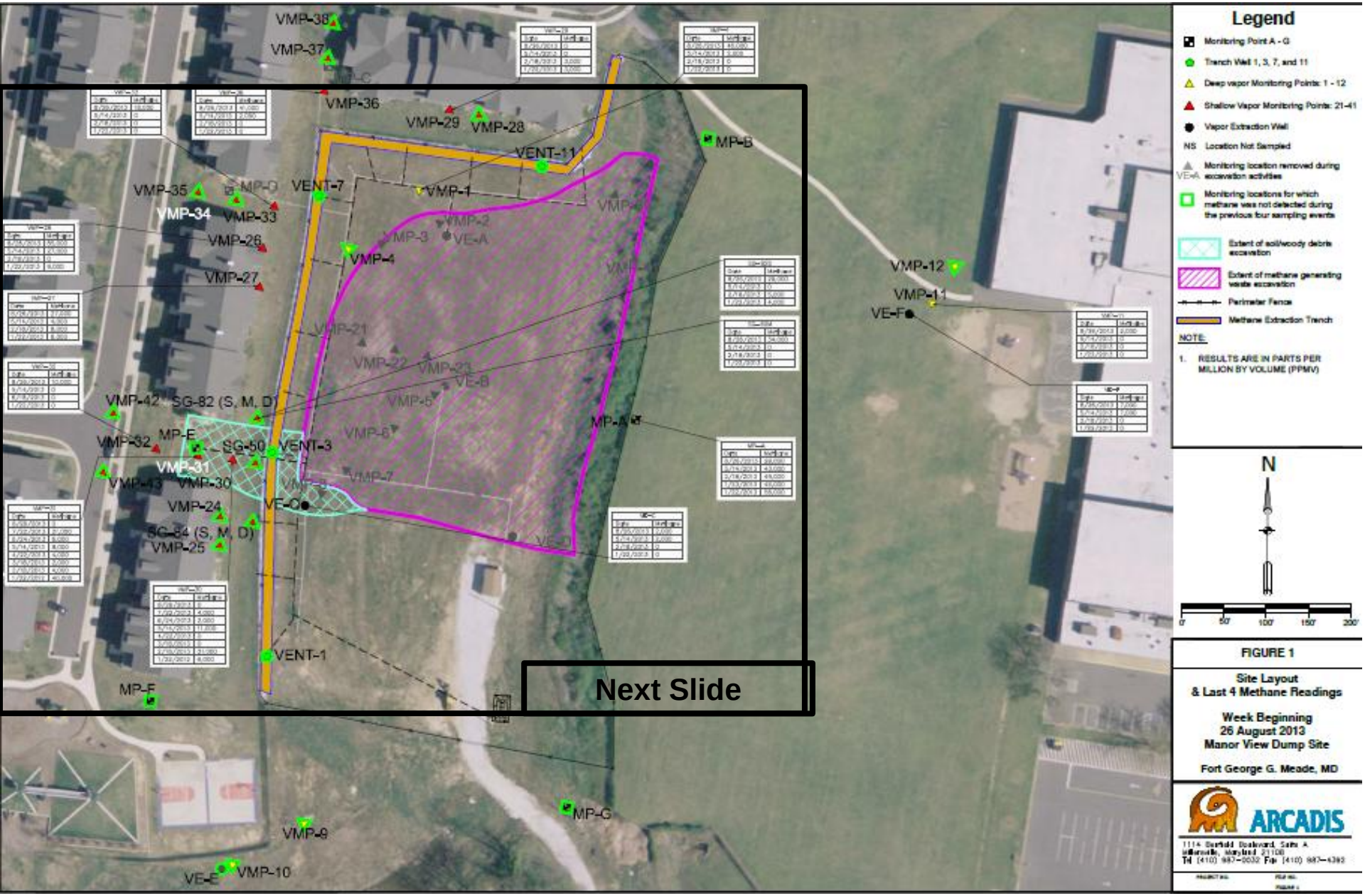
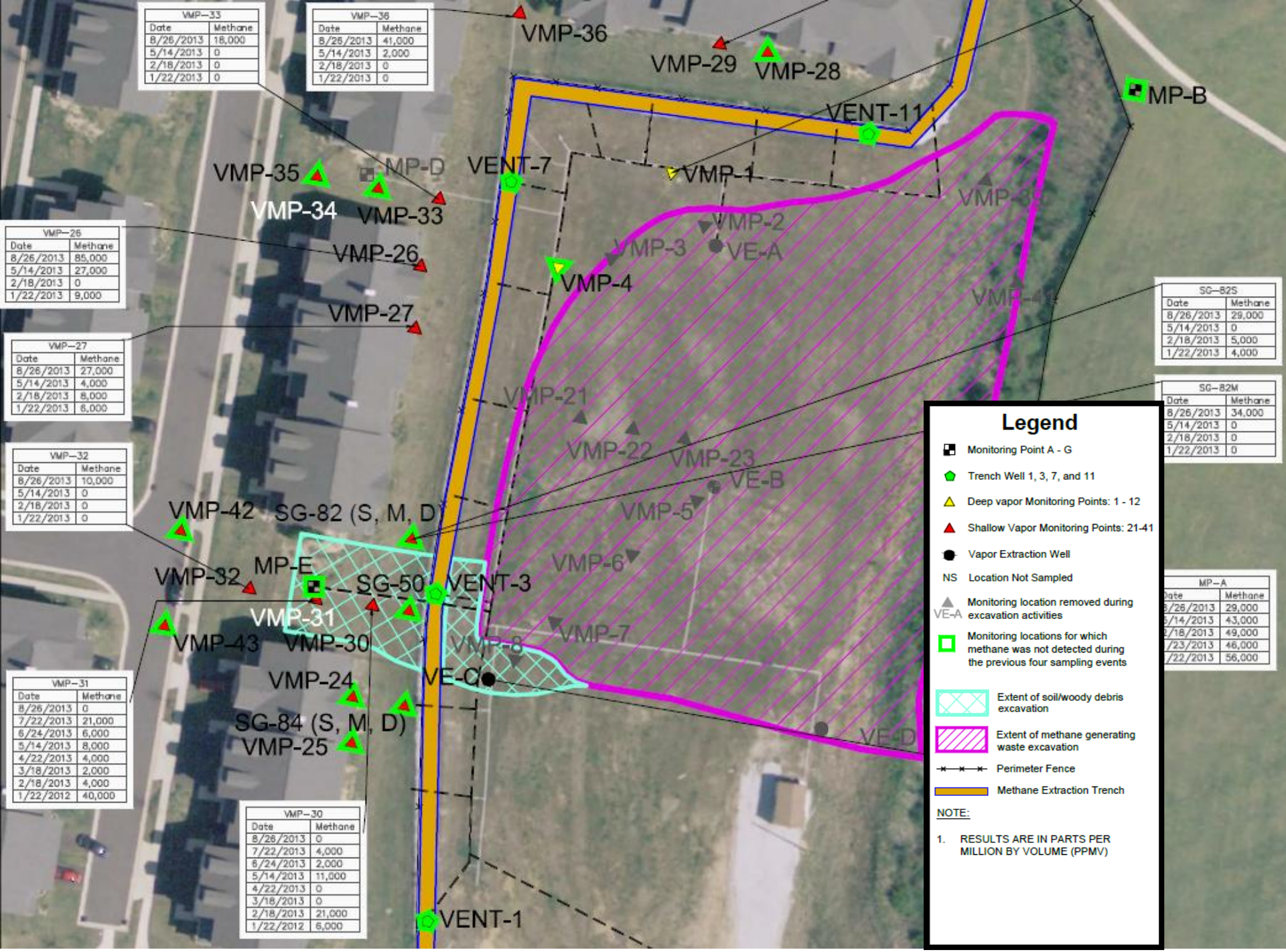
Fort George G. Meade

Post Removal Methane Gas Monitoring, Update

Restoration Advisory Board Meeting
September 19, 2013


Legend
Monitoring Point A - G
Trench Well 1, 3, 7, and 11
Deep vapor Monitoring Points: 1 - 12
Shallow Vapor Monitoring Points: 21-41
Vapor Extraction Well
NS Location Not Sampled
VE-A Monitoring location removed during excavation activities
Monitoring locations for which methane was not detected during the previous four sampling events
Extent of soil/woody debris excavation
Extent of methane generating waste excavation
Perimeter Fence
Methane Extraction Trench
NOTE:
1. RESULTS ARE IN PARTS PER MILLION BY VOLUME (PPMV)
N
0 50 100 150 200'
FIGURE 1
Site Layout
& Last 4 Methane Readings
Week Beginning
26 August 2013
Manor View Dump Site
Fort George G. Meade, MD
ARCADIS
VMP-38
VMP-37
VMP-36
VMP-29
VMP-28
VENT-11
MP-B
VMP-35
MP-D
VENT-7
VMP-1
VMP-34
VMP-33
VMP-2
VMP-3
VE-A
VMP-26
VMP-4
VMP-27
VMP-12
VMP-11
VE-F
VMP-21
VMP-22
VMP-23
VE-B
VMP-5
VMP-42
SG-82 (S, M, D)
MP-A
VMP-32
MP-E
SG-50
VENT-3
VMP-6
VMP-31
VMP-43
VMP-30
VMP-7
VE-C
VMP-24
SG-84 (S, M, D)
VMP-25
VE-D
VENT-1
MP-F
Next Slide
MP-G
VMP-9
VE-E
VMP-10



VMP-33	
Date	Methane
8/26/2013	18,000
5/14/2013	0
2/18/2013	0
1/22/2013	0

VMP-36	
Date	Methane
8/26/2013	41,000
5/14/2013	2,000
2/18/2013	0
1/22/2013	0

VMP-26	
Date	Methane
8/26/2013	85,000
5/14/2013	27,000
2/18/2013	0
1/22/2013	9,000

VMP-27	
Date	Methane
8/26/2013	27,000
5/14/2013	4,000
2/18/2013	8,000
1/22/2013	6,000

VMP-32	
Date	Methane
8/26/2013	10,000
5/14/2013	0
2/18/2013	0
1/22/2013	0

VMP-31	
Date	Methane
8/26/2013	0
7/22/2013	21,000
6/24/2013	6,000
5/14/2013	8,000
4/22/2013	4,000
3/18/2013	2,000
2/18/2013	4,000
1/22/2012	40,000

VMP-30	
Date	Methane
8/26/2013	0
7/22/2013	4,000
6/24/2013	2,000
5/14/2013	11,000
4/22/2013	0
3/18/2013	0
2/18/2013	21,000
1/22/2012	6,000

SG-82S	
Date	Methane
8/26/2013	29,000
5/14/2013	0
2/18/2013	5,000
1/22/2013	4,000

SG-82M	
Date	Methane
8/26/2013	34,000
5/14/2013	0
2/18/2013	0
1/22/2013	0

MP-A	
Date	Methane
8/26/2013	29,000
5/14/2013	43,000
2/18/2013	49,000
1/23/2013	46,000
1/22/2013	56,000

Questions?

Thank You