Fort George G. Meade

Groundwater Contamination, Odenton, Maryland
Interim Measures Update

Restoration Advisory Board Meeting
March 15, 2012

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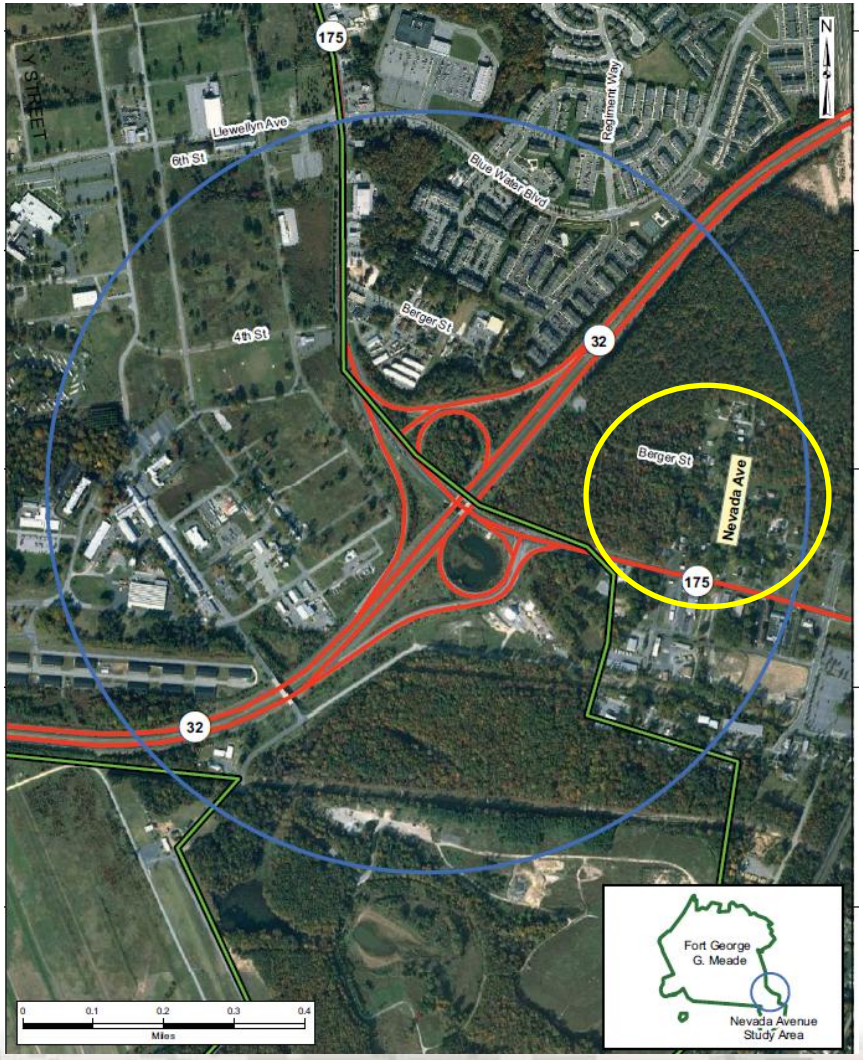
Nevada Avenue Study Area



Nevada Avenue Monthly Sampling - Interim Results

(last 12 months)

Month	*Dichloroethene (MCL - 70 µg/L)*		*Tetrachloroethene (MCL - 5 µg/L)*		*Trichloroethene (MCL - 5 µg/L)*	
	Detections / Samples	Range (µg/L)	Detections / Samples	Range (µg/L)	Detections / Samples	Range (µg/L)
Mar 11	3/3	1.4-1.8	3/3	2.8-3.9	3/3	0.39J–0.57J
Apr 11	2/2	0.82J-1.0	2/2	2.2-3.2	1/2	0.45J
May 11	3/3	0.78J-1.2	3/3	2.3-3.3	1/3	0.54J
Jun 11	3/3	0.54J-0.97J	3/3	2.1-2.8	0/3	ND
Jul 11	3/3	0.78J-0.88J	3/3	1.8-2.5	0/3	ND
Aug 11	3/3	0.66J-1.1	3/3	1.9-2.5	0/3	ND
Sep 11	3/3	0.86J-1J	3/3	2.2J-2.6J	3/3	0.41J-0.47J
Oct 11	3/3	0.45J-0.72J	3/3	2.5-3.4	0/3	ND
Nov11	3/3	0.70J-0.89J	3/3	1.9-2.3	0/3	ND
Dec11	3/3	0.71J-1.0	3/3	2.2-2.8	2/3	0.42J-0.43J
Jan12	3/3	0.55J-0.81J	3/3	2.3-2.8	0/3	ND
Feb12	3/3	0.63J-0.93J	3/3	1.9-2.4	0/3	ND

MCL = Maximum Contaminant Level
µg/L = micrograms per liter
ND = Indicates contaminant not detected above the MDL
Data Qualifiers: J= estimated concentration below the method detection limit (MDL)

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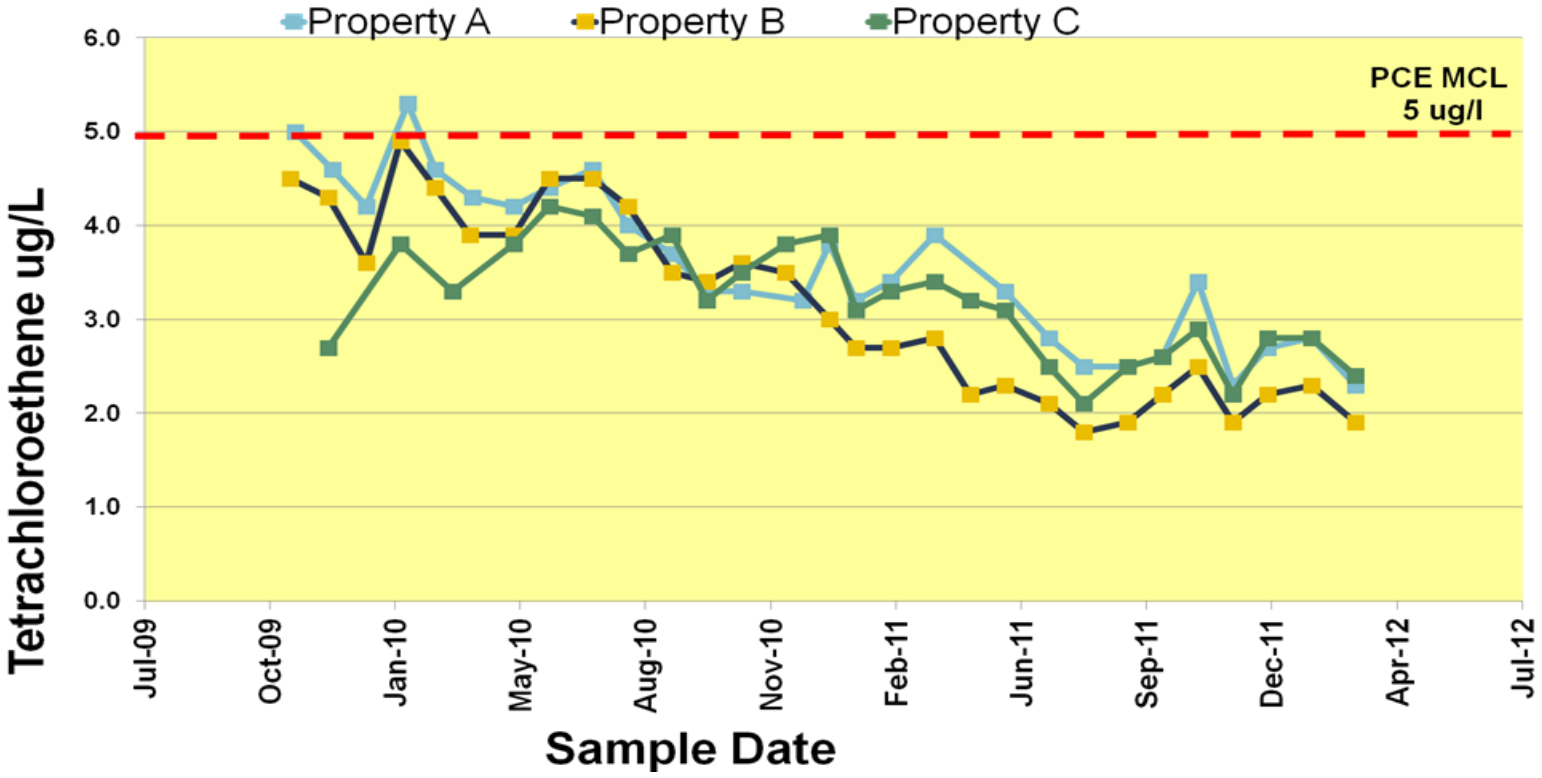
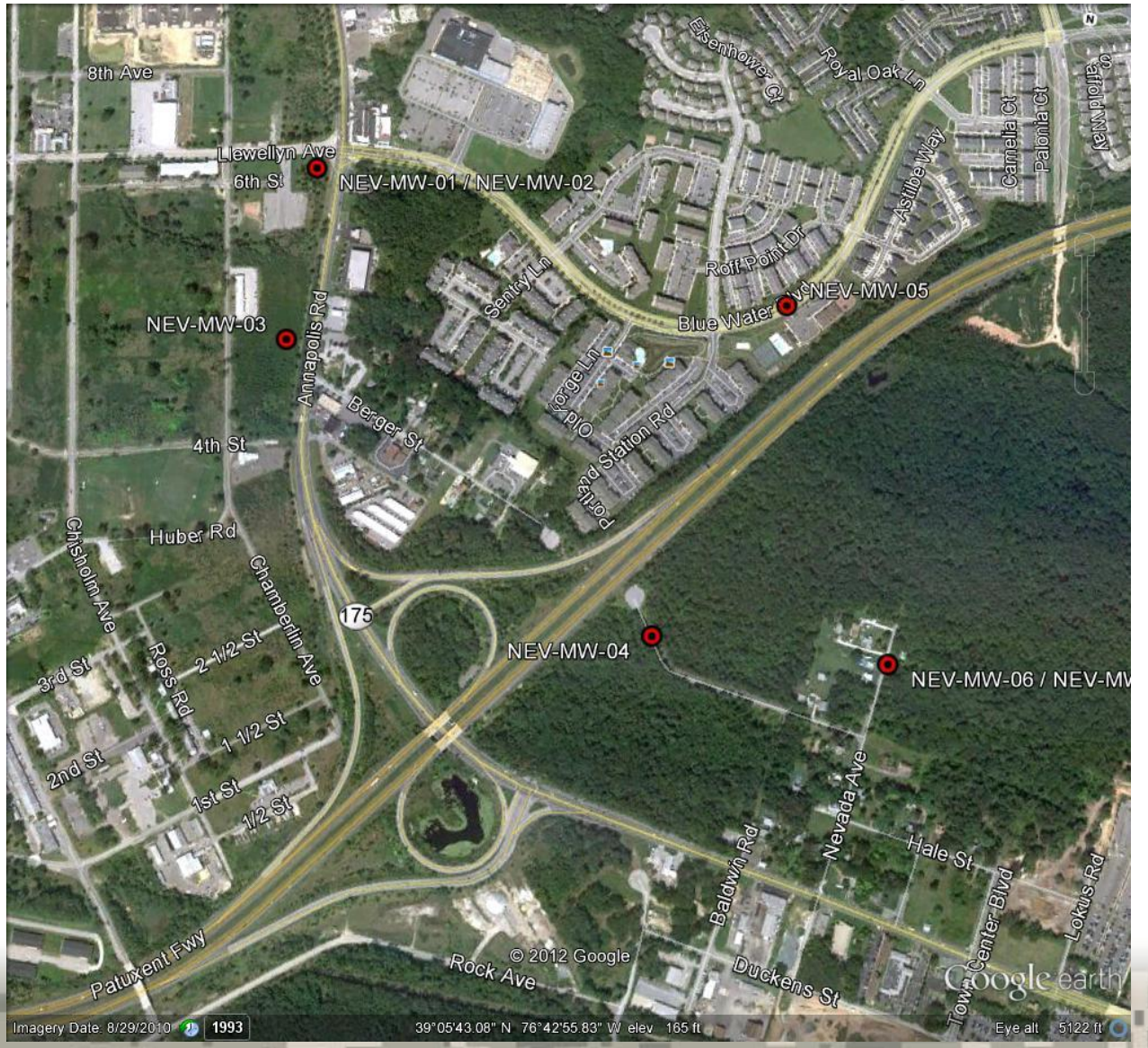
Summary of Nevada Avenue Monthly Sampling Results – Tetrachloroethene (PCE)



Status/Next Steps

- Nevada Avenue Investigation
  - Work Plan
    - Final WP Approved - August 2011
  - Field Work (i.e., monitoring well installation & sampling)
    - Well Installation
      - Right –of-Way (ROW) permitting activities for Off-site monitoring wells:
        - » Utility clearances – December 2011
        - » Traffic control plans - January 2012
        - » Legal survey plats - January 2012
        - » ROW License Application Anne Arundel County – March 2012
      - Drilling activities will begin upon ROW licensing.
    - Monitoring Well Repairs & Sampling
      - Repairs to MW-125d/123s & MW-126d/124s completed January 13, 2012
      - Sampling at MW-125d/123s & MW-126d/124s completed February 1, 2012
      - Draft Letter Report – April 2012

Nevada Avenue Investigation



Points of Contact

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