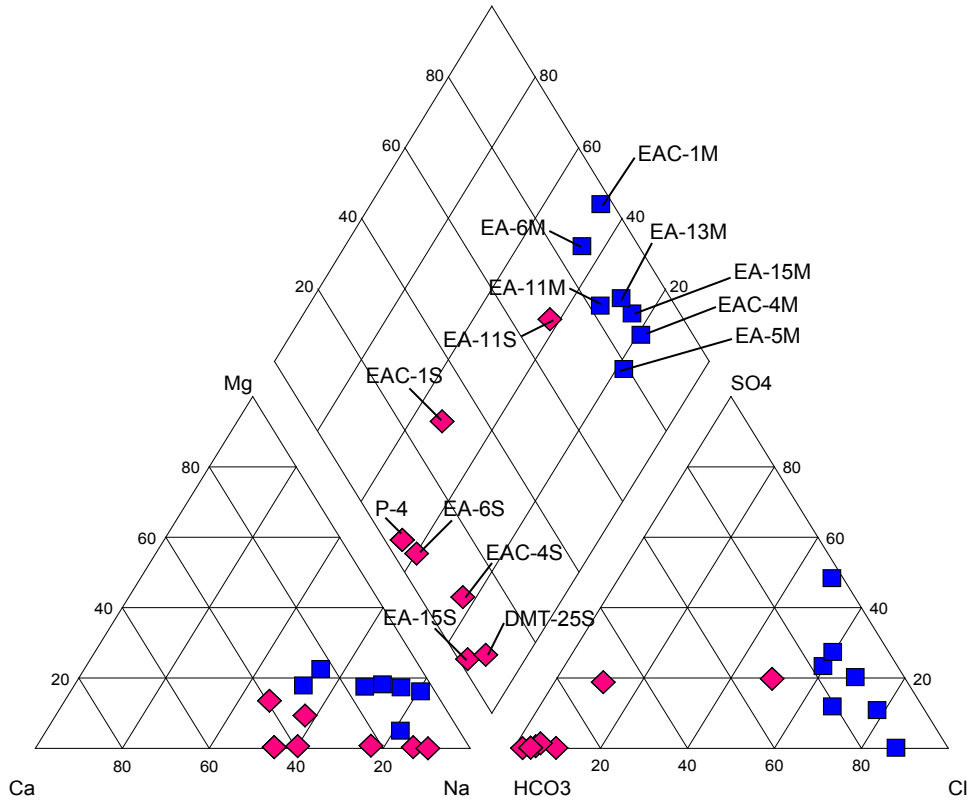


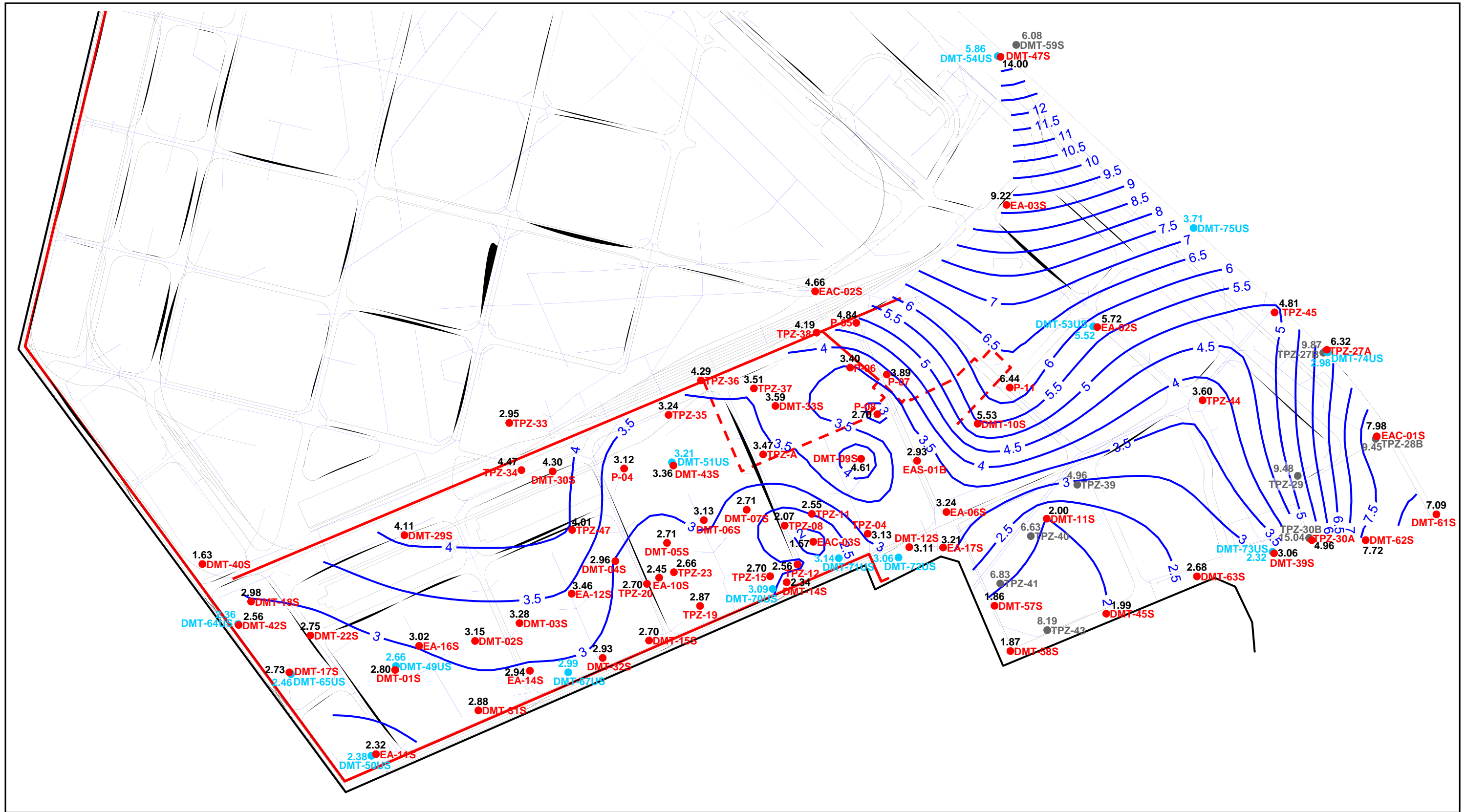
Legend:

- All M Wells
- ◆ All S Wells



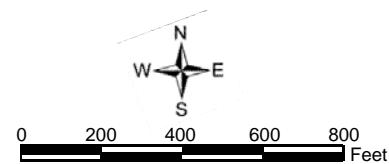
Shallow Aquifer Conditions are represented by the "S" Wells  
Patapsco Aquifer Conditions are represented by the "M" Wells

**Figure 4-5**  
Groundwater Samples Obtained from the  
Shallow Fill Unit and Patapsco Aquifer  
Chromium Transport Study  
*Dundalk Marine Terminal, Baltimore, Maryland*

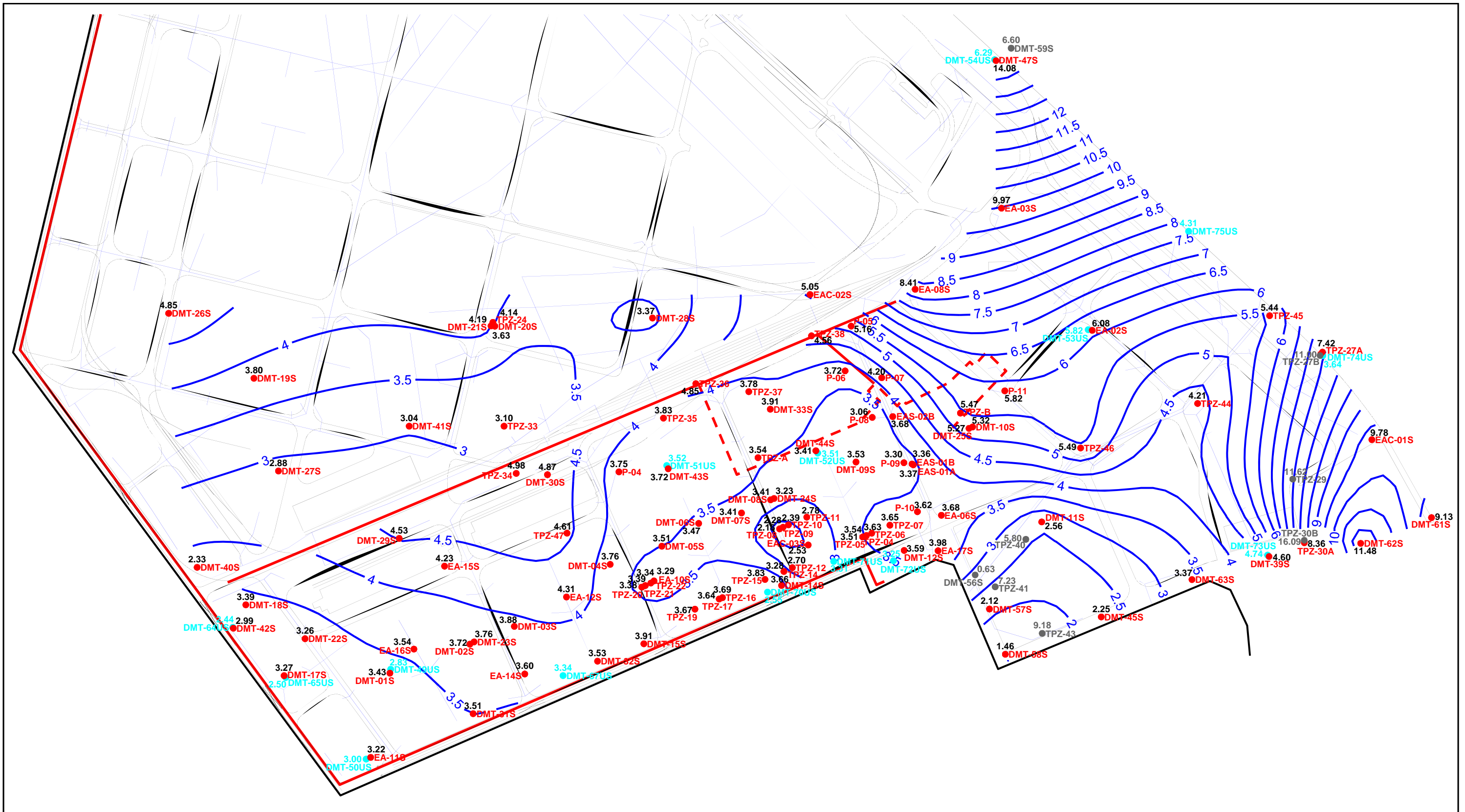


**Legend**

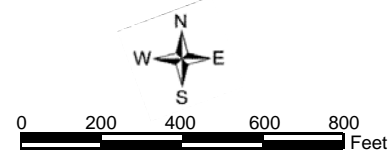
- 3.36 ● EA-17S Shallow Well and Water Level
- 6.58 ● TPZ-41 Non-Aquifer Well and Water Level
- 3.49 ● DMT-51US Upper Sand Well and Water Level
- 4— Shallow Aquifer Potentiometric Contour  
(All Levels in Feet, Baltimore City Datum)
- Bulkhead



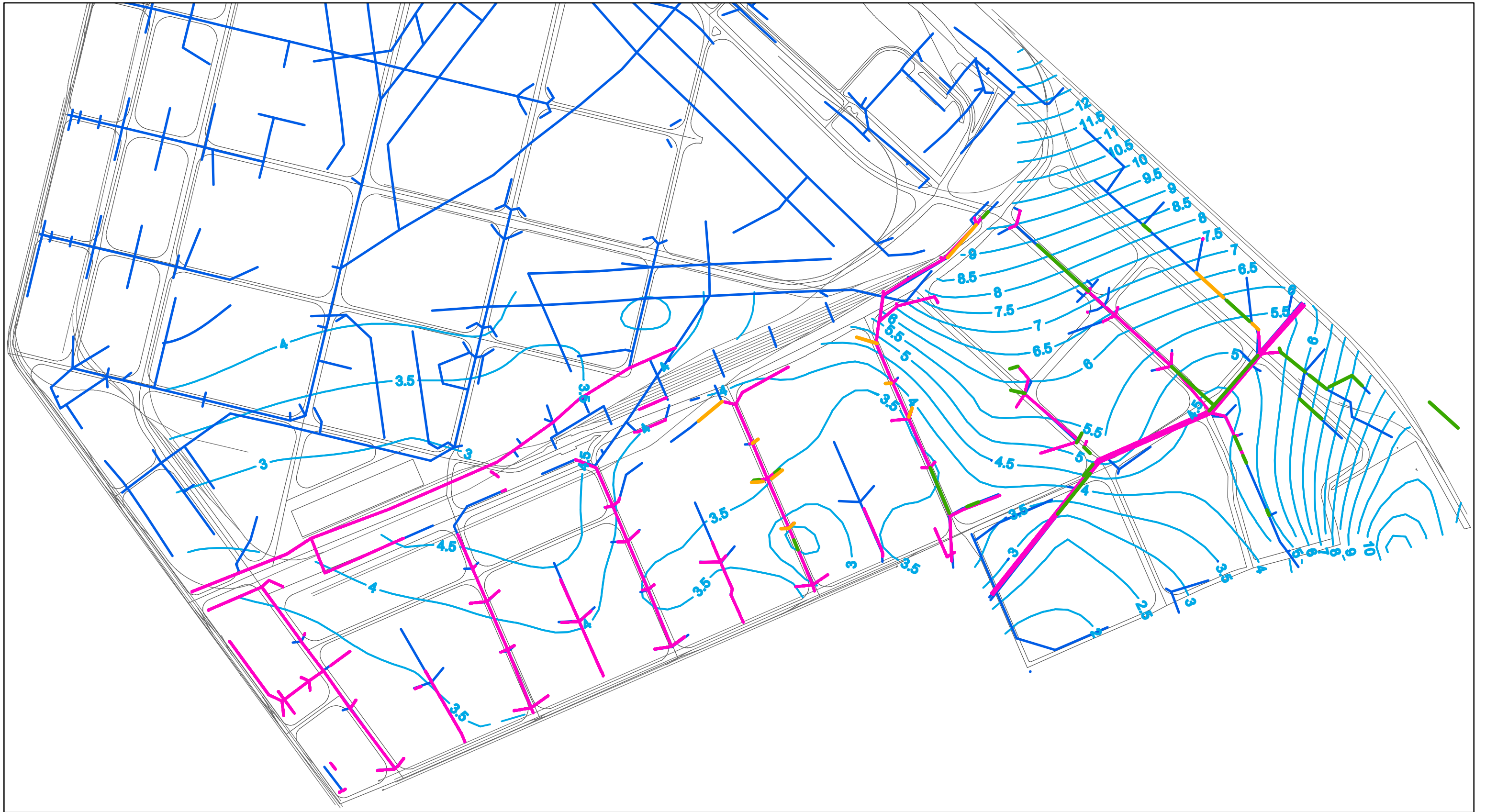
**Figure 4-6**  
 Water Levels Measured in the Shallow Fill Unit  
 and the Upper Sand Wells on November 24, 2008  
*Chromium Transport Study*  
*Dundalk Marine Terminal, Baltimore, Maryland*  
**CH2M HILL**



- Legend**
- 3.36 ● EA-17S Shallow Well and Water Level
  - 6.58 ● TPZ-41 Non-Aquifer Well and Water Level
  - 3.49 ● DMT-51US Alluvial Sand Well and Water Level
  - 4 — Shallow Aquifer Potentiometric Contour  
(All Levels in Feet, Baltimore City Datum)
  - — Bulkhead



**Figure 4-7**  
 Water Levels Measured in the Shallow Fill Unit  
 and the Upper Sand Wells on June 2, 2009  
*Chromium Transport Study*  
*Dundalk Marine Terminal, Baltimore, Maryland*



**Legend**

- Storm Sewer Lines
- 10 Shallow Aquifer Potentiometric Contour (All Levels in Feet, Baltimore City Datum)
- Storm Sewer Lines Below Water Table
- Pipe Damage Observed
- Pipe has Liner, Potential Indication of Damage

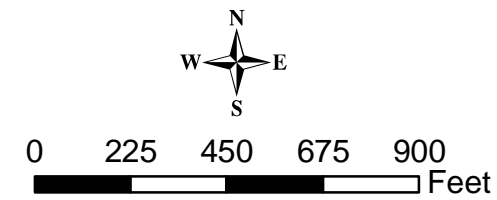
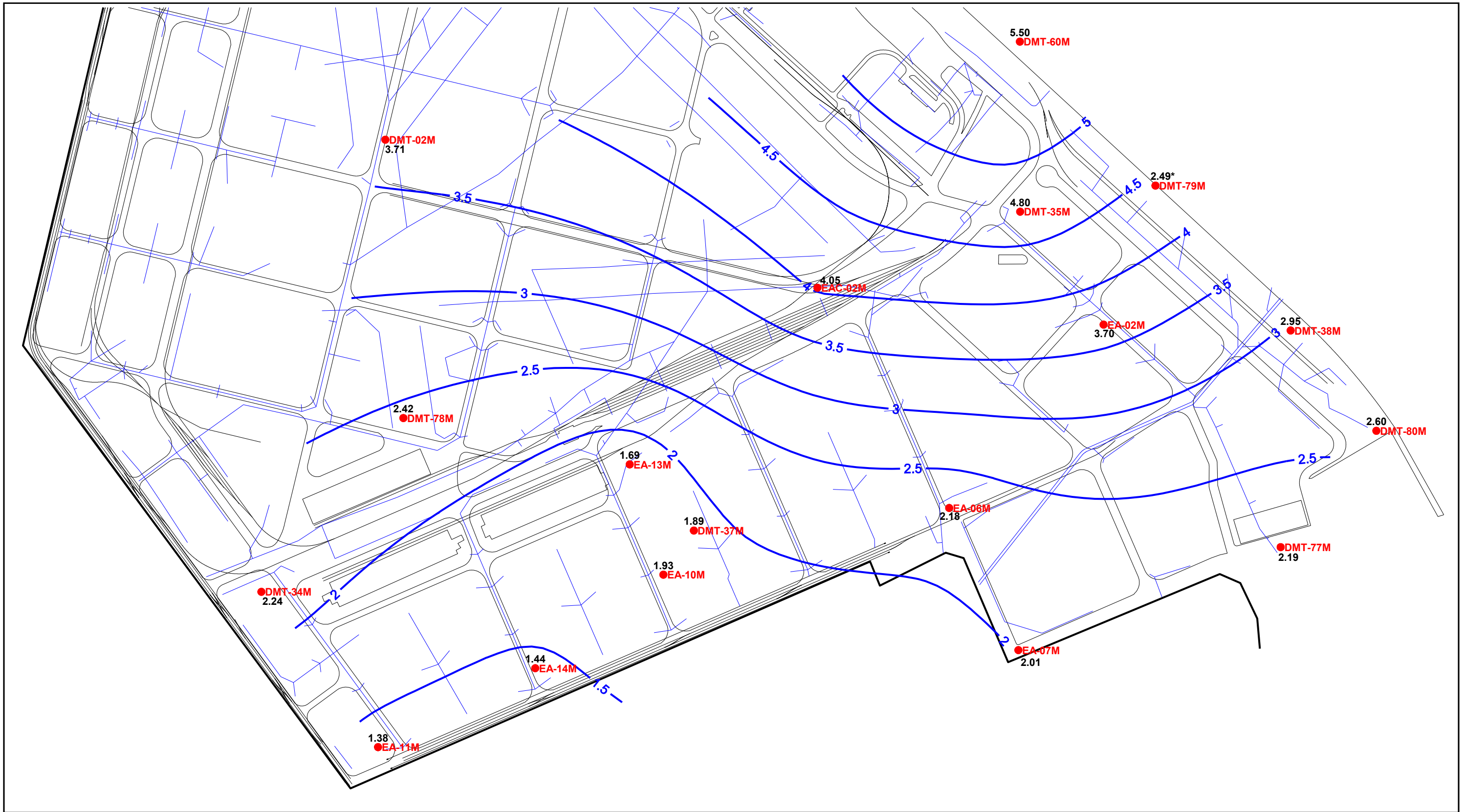
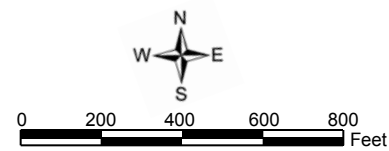


Figure 4-8  
 Water Levels Measured in Shallow Wells  
 June 2, 2009  
 Dundal Marine Terminal  
 Baltimore, Maryland



**Legend**  
 3.36 ● EA-17S Patapsco Well and Water Level  
 4 — Patapsco Aquifer Potentiometric Contour  
 2.49\* Water Level Not Used for Contouring  
 (All Levels in Feet, Baltimore City Datum)



**Figure 4-9**  
 Water Levels Measured in the Patapsco Aquifer  
 November 24, 2008  
 Chromium Transport Study  
 Dundalk Marine Terminal, Baltimore, Maryland