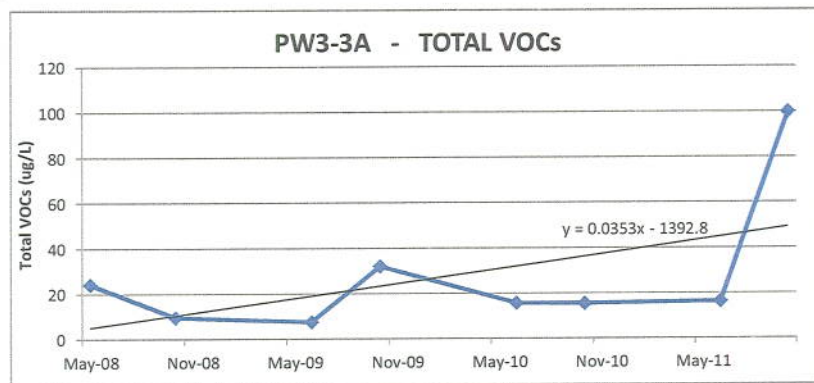


**Analytical Data for Well Termination**  
**Site 3, PW3-3A**  
**Niagara Falls Air Reserve Station, Niagara Falls, NY**  
 06 January 2012

Parameter	GPS (µg/L)	Result (µg/L)							
		5/28/08	10/28/08	6/25/09	10/29/09	6/22/10	10/26/10	6/21/11	10/25/11
Carbon Tetrachloride	5.0	4.0 J	0.33 J	1 J	1.9	2.4 J	U	U	U
Chloroform	7.0	2.4 J	0.4 J	1 J	1.2	2.8 J	0.36 J	2.1	1.9
1,1-Dichloroethene	5.0	U	U	U	U	U	U	U	0.23 J
Cis-1,2-Dichloroethene	5.0	12	6.3	4 J	24	7.5	13	8.7	60
Trans -1,2-Dichloroethene	5.0	0.31 J	U	U	U	U	U	U	1
Trichloroethene	5.0	2.8 J	0.98 J	1 J	3.0	2.4 J	1.0 J	1.1	5.5
Vinyl Chloride	2.0	2.7 J	1.5 J	0.52 J	2	0.63 J	1.2 J	4.5	31
Benzene	1.0	U	U	U	U	U	U	U	0.27 J
Ethylbenzene	5.0	U	U	U	U	U	U	U	U
Toluene	5.0	U	U	U	U	U	U	U	U
Xylene (total)	5.0	U	U	U	U	U	U	U	U
<b>TOTAL VOCs</b>		<b>24</b>	<b>9.5</b>	<b>7.5</b>	<b>32</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>100</b>

**Notes:**

- Shaded cells indicate exceedence of NYSDEC Groundwater Standard for contaminants of concern as defined in the NYSDEC Part 373 Permit.  
 GPS = groundwater protection standard  
 µg/L = microgram per liter  
 U = undetected  
 J = estimated



**Termination Criteria (Module II.C.3.(c)(1)(iii) of the NYSDEC Part 373 Permit):**

1. Does this well meet the termination criteria by achieving the GPSs for an equivalent of 4 years? **No**

**Alternative Termination Criteria (Module II.C.3.(c)(1)(iii)(C) of the NYSDEC Part 373 Permit):**

- Does this well achieve "Zero Slope Condition" as defined in the permit? **No**
  - Plot sum of concentration of hazardous waste constituents from an equivalent of 4 years. **See above**
  - Fit a trendline (either linear or exponential) using least squares regression model. **See above**
  - The slope is less than or equal to zero. **No**
- Does this well achieve the analytical concentration criteria?
  - Is the total concentration of COCs less than 100 µg/L? **Yes**
  - Are single COCs less than 50 µg/L? **No**
- Will the residual groundwater contamination result in an unacceptable risk to human health and the environment? Provide analysis. **No**

There is low risk at this site for the following reasons: 1) there are no drinking water wells at the installation or in the surrounding neighborhoods as local municipalities supply drinking water; 2) Land use controls for this site are in place with the implementation of a dig permit process in which any construction in this area would be identified prior to construction; 3) Although groundwater may discharge to Cayuga Creek when the creek is in a gaining condition, the contamination levels that remain at this site are very low (total VOCs in May and October 2010 = 15 µg/L); furthermore there have been no VOC detections at the 3 surface water locations monitored for this site since 2002.