

SITE INVESTIGATION INFORMATION

1. SITE NAME STEUBEN-ALLEGANY BOCES		2. SITE NUMBER 8-51-019	3. TOWN/CITY/VILLAGE BATH, NY	4. COUNTY STEUBEN
5. REGION 8	6. CLASSIFICATION CURRENT [] PROPOSED [2] MODIFICATION			
7. LOCATION OF SITE (Attach U.S.G.S. Topographic Map showing site location)				
a. Quadrangle Bath		b. Site Latitude 42° 19' 10" Site Longitude 77° 23' 06"		
c. Tax Map Number(s) 174.00-01-33		d. Site Street Address 6666 Babcock Hollow Road, Bath, NY		
8. BRIEFLY DESCRIBE THE SITE (Attach site map showing disposal/sampling locations)				
The site is located in a residential-commercial area. The Site consists of commercial office space and a large parking lot. The Site property was reportedly Nash's junkyard, a used car lot, until around 1960. The building on the Site was constructed in approximately 1973 for Steuben-Allegany BOCES (BOCES). Operations at the BOCES Site facility reportedly included the use of 1,1,1-tetrachloroethane (1,1,1-TCA) for cleaning computer components in the early 1990's. 1,1,1-TCA has been detected in the BOCES Site facility drinking well, as well as in three residential wells located southwest of the BOCES Site property. Reported concentrations of 1,1,1-TCA in drinking water wells have varied from non-detect to 26 µg/L since sampling of wells began in 1992.				
a. Area 2 acres b. Completed: <input type="checkbox"/> Env. Property Assessment <input checked="" type="checkbox"/> PSA <input type="checkbox"/> SI <input type="checkbox"/> ESI <input type="checkbox"/> IRM <input type="checkbox"/> RI/FS <input type="checkbox"/> Construction <input type="checkbox"/> O&M <input type="checkbox"/> Other.				
9. HAZARDOUS WASTE DISPOSED (Include EPA Hazardous Waste Numbers)				
1,1,1-Trichloroethane (i.e. Methyl chloroform) (CAS # 71-55-6) EPA Waste # F001				
10. ANALYTICAL DATA AVAILABLE				
a. <input type="checkbox"/> Air <input checked="" type="checkbox"/> Groundwater <input type="checkbox"/> Surface Water <input type="checkbox"/> Sediment <input checked="" type="checkbox"/> Soil <input type="checkbox"/> Waste <input type="checkbox"/> Leachate <input type="checkbox"/> EPTox <input type="checkbox"/> TCLP				
b. Contravention of Standards or Guidance Values				
Year	Contaminant	Media	Concentration	NYS Groundwater and Drinking Water Standard
2001	1,1,1-TCA	groundwater	7.1 ppb	5 ppb
	1,1,1-DCA	groundwater	1.1 ppb	5 ppb
2002	1,1,1-TCA	groundwater	5	5 ppb
Additional TCA concentrations from 1992 to the present are contained on Table 2-1				
11. CONCLUSION				
Concentrations of 1,1,1-TCA in historic groundwater samples collected at the BOCES Site and at three private residences located south of the BOCES Site (at 6659, 6653/6657, and 6649 Babcock Hollow Road) have historically since 1993 exceeded the NYS class GA groundwater standard of 5 µg/L. The wells were re-sampled in October 2001 and only the BOCES Site sample contained concentrations of 1,1,1-TCA above the NYS class GA groundwater standard. However, given the source concentrations at 7 µg/L and the potential pathway to nearby homes the threat of water supply contamination remains.				
Groundwater direction varies greatly depending on the rainfall in the area. During wet periods the contamination flows toward the nearby homes while during dry periods the contamination flows back towards the BOCES building. This effect serves to vary the concentration of contaminants at the private wells.				
a. Institutional Controls (IC) Required? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N b. If yes, identify _____ c. Are these ICs in place and verified? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO				
12. SITE IMPACT DATA				
a. Nearest Surface Water: Distance 350 ft.		Direction west	Class AA/B	
b. Groundwater: Depth 8 ft.		Flow Direction seasonal NE & SW	<input type="checkbox"/> Sole Source <input checked="" type="checkbox"/> Primary <input type="checkbox"/> Other High-Yield Aquifer	
c. Water Supply: Distance 0 ft.		Direction on-site	Active <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
d. Nearest Building: Distance on site ft.		Direction on-site	Use Business / residential	
e. Documented fish or wildlife mortality?		NO		
f. Impact on special status fish or wildlife resource?		NO		
g. Controlled Site Access?		NO		
h. Exposed hazardous waste?		NO		
i. If proposed Classification is 2, Priority?		<input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3		
j. EPA ID#		HRS Score		
13. SITE OWNER'S NAME Jack Conklin		14. ADDRESS 206 Burton Street, Bath NY 14810		15. TELEPHONE NUMBER (607) 776-9897
16. PREPARER		17. APPROVED		
Signature _____ Date _____ A. Joseph White, Environmental Engineer II, DER, BHSC		Signature _____ Date _____ John B. Swartwout, Section Chief, DER, BHSC		
Name Title Organization		Name Title Organization		