

**Freeman Christine D CNIN**

**From:** Ramanauskas.Peter@epamail.epa.gov  
**Sent:** Tuesday, September 03, 2002 3:56 PM  
**To:** Freeman Christine D CNIN; gateswh@efdsouth.navfac.navy.mil  
**Subject:** Compost Toxicity

Hi all,

I've briefly revisited the supplemental toxicity report and have one other question to ask. The report concludes that the increase in toxicity for the 2.5 year old sample may be due to infusion of leachate from the compost above. What component of the leachate is causing this toxicity? It seems that from the previous studies, the control windrows had a higher toxicity than those with explosives soils. I know we included Nitrate as a groundwater parameter to investigate compost effects to groundwater, but could there be another component of "uncured compost" such as ammonia that we should include in groundwater monitoring for SWMUs 12 & 13?

Thanks,  
Pete