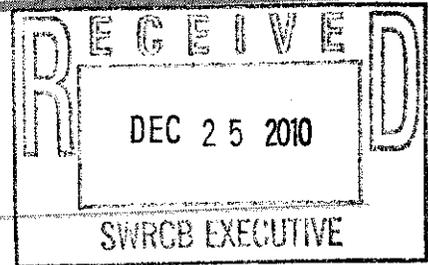


## Gordon Innes - Comments on Chemicals of Concern in Recycled Water

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**To:** <ginnes@waterboards.ca.gov>  
**Date:** 12/25/2010 2:56 AM  
**Subject:** Comments on Chemicals of Concern in Recycled Water



These are my comments on the issue of chemicals of concern in Recycled water. While contamination of recycled water may not pose the problem that contamination of drinking water would, the monitoring of the chemicals of concern in the recycled water is still important. What is happening with the recycled water could be a baromitor on what is happening to drinking water and, in spite of the signs posted at recycled water projects warning "RECYCLED WATER. DO NOT DRINK." people still drink this water and would be exposed to the contamination.

I have read that one of the chemicals of concern, Chromium 6, is a known carcinogen and common in drinking water supplies across the country. In recent tests, Riverside, California, was one of the top three areas in the country with the most Chromium 6 contamination of drinking water supplies. So it is critically important to monitor all of these constituents. California will be the first state in the country to regulate Chromium 6 but those regulations have not kicked in yet. No other state or the EPA is doing anything on Chromium 6 yet.

Other compounds need to be monitored in the recycled water, including boron, chlorate, 1,4 dioxane, Bisphenyl A, Carbanazepine, TCEP, diazinon, nitrosamines, and others. These come from pharmaceuticals that have been flushed or dumped in trash and taken to landfills from where they have leaked into the ground and contaminated ground water as well as river, creek, and stream water. Some chemicals are coming from industrial processes that can also contaminate the groundwater. Since recycled water and drinking water come from groundwater and water storage, monitoring the types and loads of chemicals of concern in recycled water will give a very good idea about the chemicals of concern contamination of the more important drinking water supply. Once the testing and monitoring program is in place we can move to the next phase--the cleanup of the groundwater supplies.

Thank you, Michael E. Bailey, 25801 Marguerite Parkway, No. 103, Mission Viejo, CA 92692. I am a member of People First, California, Orange County Chapter and we are concerned about air and water pollution and chemical exposures and the impacts these have on people with disabilities and pregnant women whose fetusus are being exposed.