



MARK B HORTON, MD, MSPH
Director

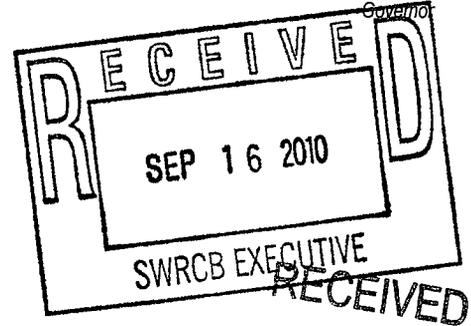
State of California—Health and Human Services Agency
California Department of Public Health



ARNOLD SCHWARZENEGGER
Governor

September 13, 2010

Jonathan Bishop, Chief Deputy Director
State Water Resources Control Board
P.O. Box 100
Sacramento, CA 95812-0100



Dear Mr. Bishop:

SEP 21 2010

DIVISION OF WATER QUALITY

Recommendations on Chemicals of Emerging Concern Expert Panel Report

This is in response to your request for the recommendations of the California Department of Public Health (CDPH) for monitoring in response to the report of the Chemicals of Emerging Concern Expert Panel. These lists are CDPH's recommendations as they apply to surface spreading groundwater recharge projects. I have presented our recommendations in three groupings: 1. Chemicals from CDPH notification level list; 2. Other chemicals; and 3. Site specific chemicals.

Chemicals from CDPH notification level list to be monitored

The following chemicals from the CDPH notification list should be monitored by all surface spreading groundwater recharge projects: boron, chlorate, 1,4-dioxane, nitrosamines (NDMA, NDEA, and NDPA), 1,2,3-trichloropropane, naphthalene, and vanadium. These would be monitored quarterly initially and can be reduced to yearly, if these compounds are not detected. The analytical method used must have a detection level that is lower than the notification level.

Other chemicals to be monitored

The following chemicals should be monitored quarterly by all surface spreading groundwater recharge projects: chromium-6, diazinon, and nitrosamines (NPYR and N-Nitrosodiphenylamine). The monitoring can be reduced yearly, if the compound is not detected. We will determine acceptable detection levels.

The following chemicals should be monitored yearly by all surface spreading groundwater recharge projects: Bisphenyl A, carbamazepine and TCEP. We will determine acceptable detection levels.

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Other site specific chemicals to be monitored

Based upon the treatment provided or what chemicals are present in the sewerage system, there will be a need to do monitoring for specific compounds. For example, those using AOP should monitor for formaldehyde as that is a by-product of that treatment process. CDPH will make those recommendations for each specific project.

If you have any questions, please contact me.

Sincerely,



Gary H. Yamamoto, P.E. Chief
Division of Drinking Water
and Environmental Management