

Drinking Water Quality Institute – Health Effects Subcommittee
Meeting Minutes
September 12th, 2006
NJDEP Building, 3rd Floor, 401 East State Street, Trenton, NJ

Members present: David Pringle, Perry Cohn, Leslie McGeorge, Judy Klotz

Also attending: Gloria Post, Diane Pupa, Linda Walsh, Karen Fell

Meeting Notes:

I.) The meeting began with a re-cap of the meeting minutes from the April 24 meeting and few minor changes were recommended. D. Pupa agreed to make the revisions ASAP.

II.) The subcommittee reviewed and approved a summary document prepared by Gloria Post on how NJ will use the new 2005 EPA Cancer Guidelines in addressing chemicals classified as “suggestive carcinogens”. Essentially this EPA process is an on-going one...members agreed that NJ uses the most protective approach and that this approach is on a case-by-case basis.

III.) Subcommittee members discussed and voted to approve the MCL change for 1,4-Dichlorobenzene to 14 ppb down from the EPA MCL of 75 ppb.

IV.) Subcommittee members discussed the next documents on the three chemicals: 1,2,4-trichlorobenzene, 1,1,2,2-tetrachloroethane, and 1,1,2-trichloroethane. There was one concern on the health based number for 1,2,4-TCB. The subcommittee asked G. Post to double check to see if the researchers who conducted a new oral chronic study if they checked for porphyrins. If they did not, then there could be a problem with the draft 1,2,4-TCB proposed HB MCL of 18 ppb. If they did check and found the porphyrins to remain the same or decrease then there isn't a problem with recommending 18 ppb as the HB MCL. G. Post agreed to investigate and provide a footnote on the MCL Table when done.

V.) P. Cohn briefly discussed his preliminary evaluation/assessment of benzene. He is evaluating the highest slope factor within a range considered by EPA, and therefore, may result in the HBL being < 1 ppb, perhaps 0.6 ppb. California also went with a more stringent slope factor when they evaluated benzene, but there are numerous issues with their analysis. The benzene assessment document should be done by next meeting, unless other DHSS or DEP priorities intervene.

VI.) It was agreed that the next set of A-280 chemicals to be evaluated are: ethylene glycol, methyl ethyl ketone, and 2,4,6-trichlorophenol. Draft documents should be done soon.

VII.) Subcommittee members agreed that MCL changes for the following chemicals (1,3-DCB, 1,1-DCE, 1,4-DCB, 1,1-DCA, vinyl chloride, and those in item IV above) be summarized for the full DWQI meeting on 9/15/06 and referred to other subcommittees at that same time.

Action Items:

D. Pupa – Schedule Next health Effects Subcommittee

D. Pupa to revise 4-24-06 minutes.

D. Pupa to generate cover referral memo for Full DWQI mtg on 9-15-06; G. Post to finalize (DONE)

Minutes prepared by:

Diane Pupa

Bureau of Safe Drinking Water

Water Supply Operations

October 4th, 2006, rev. 11-30-06