

**Drinking Water Quality Institute
Health Effects Subcommittee
Meeting Minutes
At 401 East State Street
Trenton, NJ**

April 12, 2005

Voting Members Present: Bruce Chorba, Dave Pringle, Perry Cohn

Other DWQI Members Present: Barker Hamill

Voting Members Absent: Leslie McGeorge

Also Attending: Karen Fell (BSDW), Linda Bonnette (BSDW), Linda Walsh (BSDW), Gary Czock (SRP), John Shevlin (BSDW), Jon Meyers (BSDW), Diane Pupa (BSDW)

1. B. Chorba opened the meeting at 2:00 p.m.
2. The draft minutes from the March 8, 2005, meeting were reviewed. It was noted that the draft minutes state specifically that P. Cohn will evaluate benzene and vinyl chloride, when actually G. Post and P. Cohn intend to generally divide the 11 compounds among themselves. It was also noted that the last paragraph concerning the NAS study should state that the reference dose translates to 5 ppb if standard exposure assumptions are used. A motion was made to approve the minutes with the changes noted.

3. Perchlorate

P. Cohn distributed information from a recent AWWA Webcast. G. Post noted that the effects on the thyroid are secondary to the uptake of iodide, and that it is based on an observed effect instead of an adverse effect. Discussion was also held on what value to use for the weight of a pregnant woman, specifically 62 kg or 67 kg.

P. Cohn handed out information from the "Public Health Goal for Perchlorate in Drinking Water" prepared by the California Environmental Protection Agency, and the "Final Draft of the Perchlorate Toxicological Profile and Health Assessment" prepared by the Massachusetts Department of Environmental Protection, both from 2004 and both before the NAS conclusions were released. Discussion followed on how California and Massachusetts arrived at their perchlorate numbers (6 ppb and 1 ppb, respectively).

It was agreed to hold another meeting in the near future to further discuss the issue and give the Subcommittee members a chance to digest the information presented.

4. Occurrence Data for Tertiary Butyl Alcohol, Dacthal, and 1,2,3-Trichloropropane

BSDW staff passed out tables showing sampling results of public and private water systems through various DEP and EPA programs for tertiary butyl alcohol, dacthal, and 1,2,3-

trichloropropane. The health based number for 1,2,3-trichloropropane is extremely low. It was agreed that G. Post would start to collect appropriate information so that she could do the review, but would not start it yet. It was also agreed we would ask the Testing Subcommittee to address these compounds.

5. Unregulated SOC Contaminants

There was discussion as to whether the Health Effects Subcommittee should at this time make a statement to the full DWQI stating about health effects related to the RFP for Treatment Options proposal and the demonstration project being undertaken by DEP and evaluated by the Treatment Subcommittee. It was agreed that the statement does not need to be made until the projects are further along and additional information is available for review.

6. Status of Finalizing a List of Recommended Contaminants for Re-Evaluation

The Subcommittee discussed that it had initially planned to re-evaluate A-280 compounds that have an MCL first, followed by A-280 compounds without an MCL, and then by compounds that only have a Federal MCL. After discussion, it was agreed to first re-evaluate A-280 compounds that have an MCL, followed by compounds that have Federal MCLs for which the current IRIS toxicity factors would result in a different health-based value than that used for the Federal MCL. For these contaminants, the proposed ground water criteria differ from the Federal MCLG (Maximum Contaminant Level Goal, which is USEPA's term for Health-based MCL). A-280 compounds without MCLs would be done third.

7. The meeting was adjourned at 4:55 p.m.

Minutes prepared by

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