

Meeting Minutes
Health Effects Subcommittee Meeting
Drinking Water Quality Institute
September 29, 2008
Conference Call

Members present: Gloria Post, Perry Cohn, David Pringle, and Judith Klotz.

Also attending: Sandra Krietzman and Kristin Hansen (BSDW-TA).

Meeting Minutes:

The minutes from the August 26, 2008 Health Effects Subcommittee meeting were reviewed and approved with revisions.

MEK

MEK does not have an existing MCL and both the Testing and Treatment Subcommittees are currently reviewing the chemical. P. Cohn provided information on occupational studies to the fourth paragraph of the document. All present members voted and accepted the document with minor revisions. The recommended Health-based MCL is

Referral Memo

K. Hansen provided the Subcommittee with a copy of the draft memorandum referring the final three contaminants to the Testing Subcommittee. D. Pringle approved the memo and approved K. Hansen to send the memo to Mark Robson and the other DWQI members.

Chromium

G. Post provided the Subcommittee with an update on chromium. Hexavalent chromium is more toxic than trivalent chromium. Currently, the New Jersey soil standard for hexavalent chromium is based on cancer by the inhalation route. Until recently, no appropriate data for evaluating the oral carcinogenicity of hexavalent chromium were available. A recent National Toxicology study in male and female rats and mice showed that there is clear evidence that chromium is a carcinogen. Dr. Alan Stern in DSRT is currently working on a draft risk assessment to develop an oral slope factor for hexavalent chromium from this study. It will go to peer review within the next couple of months. After the peer review, the Department will decide whether to adopt this oral slope factor for hexavalent chromium. Currently, there is a federal MCL for chromium. If DEP adopts an oral slope factor as the basis for the soil standard for hexavalent chromium, the Health Effects Subcommittee will consider whether or not it should also be used as the basis for the drinking water MCL for chromium.

TBA

A ground water criterion for this contaminant has already been developed. This is the next contaminant that G. Post will review, and she hopes it will be completed in time to include in the final DWQI recommendation document.

1,2,3-Trichloropropane (TCP)

The Health Effects Subcommittee has not been able to determine a Health-based MCL because of issues with time to tumor modeling. P. Cohn is continuing his communication with California and spoke with Karen Hogan at EPA. He is attempting to get the software so that he can do the modeling work needed.

Perchlorate

G. Post briefly discussed that there have been news articles on about EPA's decision not to regulate perchlorate. An official EPA document has not been issued.

Next Meeting

G. Post stated she needed some time to work on TBA. K. Hansen will contact the Subcommittee members to schedule a meeting for the middle of December.

Following the conference call, L. McGeorge emailed the Health Effects Subcommittee informing them that she reviewed the health based MCL documents and supports the Health Based MCLs for MEK, 2,4,6 TCP and 1,1,1 TCA.