

Meeting Minutes
Health Effects Subcommittee Meeting
Drinking Water Quality Institute
August 6, 2007
DSRT Director's Conference Room

Members present: Gloria Post, Judy Klotz, Perry Cohn, Leslie McGeorge

Members absent: David Pringle

Also attending: Kristin Hansen, Sue Shannon

Meeting Notes:

1) The minutes from the June 8, 2007 Health Effects (HE) Subcommittee meeting were reviewed and approved.

2) Ethylene Glycol discussion. The Subcommittee reviewed members' comments on Gloria Post's document "Addendum to Ethylene Glycol Health Based MCL Support Document".

Gloria's document was accepted as written with revisions. Voted yes to accept: McGeorge, Post, Cohn, Klotz.

Action: Gloria will email the final draft document.

3) Overview of the 3 Health-based MCLS the HE needs to update:

- Methyl ethyl ketone (MEK): MEK is a 2A contaminant with no MCL. The IRIS Reference Dose is based on a different study than the A-280 Reference Dose. The IRIS Reference Dose is based on an unpublished study which is being mailed to Gloria by IRIS. Gloria will check the write up on the approach for updating Health-based MCLs to see if the use of unpublished studies was addressed.
- 2, 4, 6 - Trichlorophenol is a 2B chemical with no MCL.

Action: Kristin will check with Karen Fell:

- 1) Is it a target analyte on any method?
- 2) If not, where do we see it?
- 3) To what extent is it being looked for?

The risk assessment issue involves tumors which may be due to contamination with dioxin in the commercial grade 2,4,6-trichlorophenol used in the bioassay, as mentioned in IRIS. Gloria will look into this further and also look into the risk assessment of 2,4,5-T, another chemical known to be contaminated with dioxin in its formulations.

- n-Hexane is a 2A chemical with no MCL. IRIS does not provide a toxicity factor. It was not on the original list to be updated, but Gloria became aware

of new toxicity studies for n-hexane as part of a review of n-heptane done by DSRT. Gloria will look into this further to see if a reevaluation of n-hexane is warranted.

The HE Subcommittee will try to finish evaluating these 3 chemicals by the end of October 2007.

4) The HE Subcommittee needs to review 3 additional chemicals as directed in the January 11, 2007 DWQI work plan. The chemicals and HE member who will take the lead are: 1, 2, 3-Trichloropropane (Gloria), Dacthal (Perry), and tert-Butyl alcohol (Gloria).

Action: Gloria and Perry will decide who will take the lead for these chemicals and email information to the HE Subcommittee.

Action: Gloria will draft soundbites regarding HE Subcommittee accomplishments for the September 14, 2007 DWQI meeting with DEP Commissioner Jackson.

Next HE Meeting: Sue Shannon will schedule the next HE Subcommittee meeting in November 2007.