

**Drinking Water Quality Institute
Meeting Minutes
March 11, 2005
New Jersey Department of Health and Senior Services Laboratory
Lawrenceville, NJ**

Members present: Mark Robson, Leslie McGeorge, Perry Cohn, Paul LaPierre, Carol Storms, Steve Jenniss, Eileen Murphy, Bruce Chorba, Dave Pringle, Barker Hamill, Jean Matteo

Members absent: Ray DiFrancesco, Eugene Golub

Non-members in attendance: Diane Pupa, John Shevlin, Karen Fell, Heather Carson, Lee Lippincott, Gloria Post, Ching Volpp, Michele Putnam, Linda Walsh, Linda Bonnette, Jonathan Meyers, Suzanne Shannon, Syed Rizvi

Introductory Remarks:

Chair Mark Robson opened the meeting at 1:03 pm and gave a 10-minute synopsis of his recent Tsunami relief work in Indonesia. He followed by introducing K. Fell who returned recently to the Bureau of Safe Drinking Water, and he announced that S. Jenniss would provide a tour of the new lab facility following the meeting.

Old Business: The status of the action items from the previous meeting (10-15-04) minutes were discussed. E.Murphy provided a brief overview of the unregulated SOC treatment pilot study which will involve two public water system sources (one ground water and one surface water) and announced that funding was made available through demonstration project monies through the DEP. B. Hamill followed by announcing that the water security presentation that was tentatively schedule for this meeting is postponed due to new workplan priorities and time constraints. He also stated that Ella Fillapone will serve as the an alternate for Eugene Golub.

New Business: Each subcommittee presented the status of their works in progress. P. LaPierre (Chair of Treatment Subcommittee) began with an overview of the treatment subcommittee's work (1 meeting and 3 conference calls) in developing a Request For Proposal (RFP) document which calls for the solicitation of drinking water consultant vendors to bid on providing a detailed literature search/review on the treatment of unregulated (SOC) chemicals involving both ground water and surface water drinking water sources. The RFP was circulated to all in attendance. The RFP proposal seeks information on various treatment technologies for treating SOCs in ground water and surface water systems, seeks information on the impacts of treatment, seeks information on meeting other regulatory requirements, and cost comparisons. The total budget is approximately \$50K.

E. Murphy reported that the first meeting with NJCAT, who will be implement the administrative aspects of this proposal occurred on March 10th, 2005 and it was under the advisement of NJCAT that the budget of the proposal be increased from the original 25K

to 50K in order to get a viable product from the vender. She further explained the role of NJCAT who will be responsible for soliciting 5 vendors with experience in drinking water issues (names provided by B. Hamill) and helping to select the appropriate vender for the project. Ultimately the vender will provide a written report to DEP and will conduct an oral presentation the DWQI.

Once the recommendations are made from the literature review on the appropriate treatment technologies to use for SOC contamination, the DEP will use their recommendation to implement the demonstration project pilot at the selected systems.

B. Chorba (Chair of the Health Effects subcommittee) reported on the status of his subcommittee as having met four times since the last full DWQI meeting and he provided a summary report handout outlining the process of developing drinking water standards, information on human health-based assessment in dw standard development, new chemicals under consideration for MCL development, data sources of risk assessment, criteria for deciding whether to review/change health basis for contaminants with existing MCLs, and provided an A-280 list of chemicals being reviewed. L. McGeorge provided some clarification in DEP's efforts to establish a uniform and systematic approach in reviewing health based information/risk assessment in deciding whether or not to develop or re-evaluate an MCL. G. Post and L. McGeorge both agreed that EPA uses varying ways of assessing risk and DEP's Group-C approach in the proposed GWQS rule outlines DEP's new process. B. Chorba further explained that so far the subcommittee is pondering recommending that 12 of 29 A-280 contaminants listed in the chart he distributed be recommended for review, however, further data sources need to be reviewed before a final recommendation can be offered by the subcommittee.

S. Jenniss (Chair of the Testing subcommittee) reported that his subcommittee has not yet met because the DHSS was in the processing of moving to its new location in Ewing and acknowledged that meetings will begin shortly especially based on the task of regulating new chemicals (perchlorate, dacthal and 1,2,3 TCP) listed in the workplan.

M. Robson announced there was a newly revised DWQI 2005-2006 Workplan which was distributed to all in attendance. B. Hamill followed by summarizing each workplan item: the unregulated SOC project, the expedited need to develop MCLs for several new chemicals (perchlorate, radon), to re-evaluate existing MCLs, develop MCLs for other new chemicals (dacthal, 1,2,3 TCP) and to identify chemicals to add or delete to the Private Well Testing Act requirements. L. Lippincott, who just returned from a treatment seminar out west, provided a summary of new treatment technologies for reducing perchlorate levels in drinking water down to 1-4 ppb. B. Hamill recommended that the best way to address radon would be to have DEP's Radon Program come to the next 1-2 DWQI meetings to discuss the complexities of regulating radon in drinking water and to decide which specific tasks can be assigned to each of the three subcommittees.

A discussion also ensued as to whether or not the original A-280 chemical, kerosene, would in the list of chemicals the DWQI subcommittee would evaluate for possible

regulation. B. Hamill recommended an internal discussion should take place within DEP before the DWQI subcommittees take any action on this chemical.

M. Robson stated and everyone agreed that the workplan represents a very ambitious schedule and that some of the target dates might not be achievable given everyone's busy schedule; he did say however, every effort would be made to achieve those dates.

L. McGeorge asked for clarification as to which unregulated contaminants were being referred to in the workplan and the answer was synthetic organic contaminants only; mainly those contaminants found as part of the USGS study and the Brian Buckley paper. She also asked for clarification as to what the goals of the health effects subcommittee would be regarding the unregulated SOC's since not much health effects information is really known. The answer was that validation of that fact is an acceptable outcome of the health effects subcommittee.

The Testing Subcommittee chair, S. Jenniss requested a pre-meeting with DEP prior to setting any proposed testing subcommittee dates.

NEXT MEETING DATE: May 13th, 2005 at the Environmental Trust (if available)

Meeting concluded at 3PM and the lab tour began shortly thereafter.

Minutes prepared by Diane Pupa-BSDW