

**Drinking Water Quality Institute
September 30, 2015 Meeting Minutes
New Jersey Environmental Infrastructure Trust Building
Princeton Pike, Lawrenceville, NJ**

Members Present:

Keith Cooper (Chair)	Anthony Matarazzo	Laura Cummings
Jessie Gleason	Norman Nelson	Sheng-Lu Soong
Judith Klotz	Bahman Parsa	Carol Storms
Sandra Krietzman	Gloria Post	George Van Orden

Members Absent:

Director of Division of Water - vacant
Environmental Health Expert, Senate – vacant
Environmental Health Expert, Assembly – vacant

Non-members Present:

Linda Bonnette, Kati Angarone, Kristin Tedesco, Karen Fell, Bradley Koffer, Linda Walsh, Lorraine Salamanca (NJDEP-Division of Water Supply & Geoscience)
Gary Buchanan (NJDEP-Office of Science)
Anthony Drollas (Capehart Scatchart)
Kelly Henry (Henry & German Public Affairs, LLC)
Tom Leach, Sam Jones (Chemistry Council of NJ)
Tracy Carluccio, Ed Rodgers (Delaware Riverkeeper Network)
Tom Varner (Haley & Aldrich)
Robert Workman (Enviro-Sciences of Delaware, Inc.)
Perry Cohn
Jon Hurdle (NJ Spotlight)

1. Call to Order, Welcome and Introductions—K. Cooper

Chairman Cooper called the meeting to order just after 1:00 pm and thanked everyone for coming. He also reminded attendees to please sign in. He asked members to introduce themselves.

2. Review of Minutes from June 4, 2015— K. Cooper

Chairman Cooper asked that the members review the previous meeting minutes. Anthony Matarazzo moved to approve the minutes. Jessie Gleason seconded the motion and all members present (Bahman Parsa and Norm Nelson had not yet arrived), excluding Laura Cummings, who abstained as she was not present at the June 4th meeting voted to approve the minutes. Chairman Cooper noted that they would be posted on the DWQI website. He also noted that all presentations would be posted as well.

3. Current Status of PFNA MCL recommendation and status of ongoing PFOA review- K. Cooper

Chairman Cooper referred to the flowchart that shows the process for MCL development posted at <http://www.nj.gov/dep/watersupply/pdf/dwqi-flowchart.pdf> He explained that the DWQI has finalized its PFNA MCL recommendation and it has been forwarded to the Commissioner.. He noted that today's meeting would be focused on 1,2,3-trichloropropane (1,2,3-TCP), and that the

Commissioner had asked the Institute to re-evaluate the 2009 MCL recommendation for this contaminant. He also explained that the DWQI subcommittees are in the early stages of developing a recommendation for PFOA and PFOS. He noted that the DWQI is soliciting new technical information for 1,2,3-TCP until October 16. More information on this is found in his presentation that is linked above. He asked if the members had any questions about his presentation. There were no questions.

4. Unregulated Contaminant Monitoring Rule 3 (UCMR3) Update – S. Krietzman

Sandra Krietzman gave a presentation on the UCMR3. The UCMR3 requires nationwide monitoring of finished water from all large (and some small) public water systems for 30 unregulated contaminants in 2013-15. UCMR3 monitoring is still underway and will be completed by the end of 2015. S. Krietzman provided an overview of the requirements and design of the UCMR3 monitoring and the occurrence of UCMR3 contaminants in NJ water systems from the results available so far. The USEPA UCMR website is <http://water.epa.gov/lawsregs/rulesregs/sdwa/ucmr/>

Questions: Chairman Cooper asked how states decide which contaminants should be suggested to USEPA for inclusion in UCMR3 monitoring. Sandra Krietzman responded that the reason for recommending a contaminant varies but is typically informed by what compounds are being seen by their agency's programs (e.g. Site Remediation, Industrial Site Recovery Act, Safe Drinking Water, etc.).

Anthony Matarazzo asked how many surface water treatment plants are still sampling for the 2013- 2015 UCMR3 monitoring cycle. He also wondered what those surface water treatment plans who are sampling now might find, given that we are experiencing very low flow conditions where the stream flow may be mainly related to wastewater discharges. S. Krietzman replied that she was not sure who is still sampling but that many public water systems have already completed their UCMR3 monitoring.. She also indicated that the UCMR3 sampling schedule for public water systems is staggered by EPA. Gloria Post noted that surface water systems are required to sample four times (quarterly) within a one year period to address varying conditions, while ground water systems must sample two times. Mr. Matarazzo indicated that it would be interesting to see what changes there are over the course of a year, particularly with respect to monitoring for contaminants that might arise from wastewater treatment plant discharge, such as hormones. Ms. Krietzman was not sure how the detections would vary. Laura Cummings offered that USGS has studied hormones in surface water in the past. Chairman Cooper agreed and noted that some studies monitored for parent hormones although it is the metabolite that is discharged in wastewater after treatment.

5. Review of 123 TCP Health Effects – G. Post

Gloria Post gave a presentation on health effects and risk assessment of 1,2,3-TCP. The presentation included information on sources, fate and transport, occurrence, and health effects of this compound. The basis for the 2009 Health Effects Subcommittee was presented. The Health Effects Subcommittee will now consider new information available since the 2009

recommendation, including the USEPA IRIS risk assessment and the USEPA Office of Water health-based Reference Concentration for this contaminant.

Questions: None.

6. Review of 123 TCP Analytical Issues – B. Parsa

Bahman Parsa presented a progress report on the Testing Subcommittee's ongoing review of the PQL for 1,2,3-TCP.

Questions: Judith Klotz asked what levels of 1,2,3-TCP have been found at in South Jersey. Anthony Matarazzo thought that from the UCMR3 data, 0.051 µg/L was the highest reported level. Gloria Post and Sandra Krietzman also stated that information presented in the 2009 Treatment Subcommittee reports shows some higher levels, including one water system in Bergen County reporting higher than 1 µg/L

7. Public Comment

The chairman reminded commenters to introduce themselves and limit their comments to 5 minutes.

Tracy Carluccio asked a Division of Water Supply & Geoscience representative to answer whether there was a timeline for PFNA MCL development and noted that the public is awaiting protection. *Sandra Krietzman* answered that the recommendation was submitted to the Commissioner in July and that she was unaware of a timeline for acting on the recommendation.

Tom Leach inquired as to whether there is a definitive timeline for recommendations for PFOA and PFOS. *Keith Cooper* stated that work on PFOA would be followed by PFOS and he estimated that it would be six months to a year before a recommendation was made. He noted that he should not be held to that timeline as it is only a best guess. He continues to try to keep compounds moving forward in the process for developing DWQI MCL recommendations.

He also noted that the DWQI had already intended to look at 1,2,3-TCP again prior to DEP's request for the DWQI to reevaluate the 2009 DWQI recommendation for this contaminant.

Tom Leach stated that he wanted to bring the recent document on PFCs released by the federal Agency for Toxics Substances and Disease Registry to the attention of DWQI members.

8. New Business - No new business was brought forth. In light of the predicted hurricane, Chairman Cooper asked the public water system representatives about what water systems do to prepare for a coming hurricane. Anthony Matarazzo replied that systems follow standard hurricane preparedness procedures. Chairman Cooper thanked everyone present. Tracy Carluccio inquired as to when the Institute might meet again. Dr. Cooper replied that meeting is tentatively scheduled for October 28th.

9. Adjournment

Minutes by K. Angarone