

## Minnesota 3M PFC Settlement

### Agenda for Government and 3M Working Group Meeting

Wednesday, April 15, 2020

9:00 a.m.-10:30 a.m.

#### WebEx link:

<https://abtassociates.webex.com/abtassociates/j.php?MTID=m5b96ce7a526c5d867360b86339c7269f>

*(If using WebEx, we request that you connect to the audio using your phone rather than the computer, and use the "Call me" option. Please refer to the WebEx instructions for more information.)*

Conference line (if not using the WebEx "Call me" option): 1-415-655-0002; Access code: 612 607 255#

#### Meeting Purpose:

- Achieve a common understanding of progress to date on Settlement activities
- Obtain work group feedback on the proposed Conceptual Drinking Water Supply Plan path forward
- Clearly identify next steps.

1. Welcome a. Agenda b. Roll call c. WebEx instructions	Kirk Koudelka – MPCA Jess Richards – DNR Terill Hollweg – Abt Associates Jeanne Goodman – Abt Associates	9:00 am
2. Updates and follow-up a. Email update follow-up b. Other questions?	Kirk Koudelka – MPCA Jess Richards – DNR	
3. Update on the Ion Exchange pilot study	Gary Krueger – MPCA Karla Peterson – MDH	
4. Conceptual Drinking Water Supply Plan: Status update and proposed path forward	Hannah Albertus-Benham – Wood Shalene Thomas – Wood	
5. Public comments and questions	Terill Hollweg – Abt Associates Milt Thomas – MPCA	10:00 am
6. Next steps: Upcoming activities and tasks, future meetings, and agenda items to request	Terill Hollweg – Abt Associates Milt Thomas – MPCA	

**Minnesota 3M PFC Settlement**  
Government and 3M Working Group Meeting Notes

Wednesday, April 15, 2020

9:00 a.m.-10:30 a.m.

Webex Meeting

Group members in attendance:

Craig Dawson	Jennifer Levitt
Jeff Dionisopoulos	Ron Moore
Clint Gridley	Craig Morris
Kristina Handt	Jess Richards
Ray Kaiser	Stephanie Souter
Jim Kotsmith	Monica Stiglich
Kirk Koudelka	

Presenters:

- Kirk Koudelka, Minnesota Pollution Control Agency (MPCA)
- Jess Richards, Minnesota Department of Natural Resources (DNR)
- Gary Krueger, MPCA
- Hannah Albertus-Benham, Wood
- Terill Hollweg, Abt Associates (Abt)

### Welcome

Kirk Koudelka (MPCA) welcomed the work group.

### Updates and follow-up

Monica Stiglich (liaison) provided a report-out from yesterday's Citizen-Business Group meeting. There was a lot of discussion on the ion exchange pilot study. The presence of iron and its effect on the ion exchange system was a key topic of discussion.

### Update on the ion exchange pilot study

Gary Krueger (MPCA) provided an update on the ion exchange pilot study in Cottage Grove. The purpose of the pilot study is to evaluate ion exchange as a potential treatment process for PFAS removal both as a standalone technology and in combination with granular activated carbon (GAC). Key topics of the presentation included: the strengths and weaknesses of ion exchange and GAC; the study design; and the project's timeline. One issue that was noted was the presence of iron and its effects on the ion exchange system. While iron levels in Cottage Grove are low, the study had to install a pre-filtration system to remove iron before water entered the pilot system.

The work group members had a number of technical questions related to the ion exchange pilot study. The work group members were also encouraged to listen to the Subgroup 1 presentation provided by Stantec for more information on the pilot study.

## **Conceptual Drinking Water Supply Plan: Status updated and proposed path forward**

Hannah Albertus-Benham (Wood) presented an update on the Conceptual Drinking Water Supply Plan.

Hannah first discussed the scenario updates moving forward, including revising the water demands for some communities, making updates to the groundwater model, and refining costs, among other items. Hannah also mentioned a few additional items that are being worked on, including: AECOM conducting a peer review of the groundwater model; and DNR modeling the scenarios using the White Bear Lake model.

Hannah then discussed next steps for the development of the Conceptual Drinking Water Supply Plan. Wood will continue to incorporate work group and Subgroup 1 feedback into the scenario modeling and costing, and revise the scenarios through May. Then, the Co-Trustees will begin refining the scenarios and developing their good/better/best recommendation.

Work group members had the opportunity to ask questions. Work group comments and questions included:

- One work group member requested the full list of the comments that Wood received on the draft Conceptual Drinking Water Supply Plan.
- One work group member asked if the current cost estimates included pre-treatment. Wood responded that the costs do not include pre-treatment at this time.
- One work group member asked about the timing of the State Supreme Court ruling on the White Bear Lake case. A ruling is expected in May or June, but there is not a set date.
- One work group member asked about the potential of doing a second round of expedited projects. The Co-Trustees will look for thoughts from the communities and make a determination about expedited projects.
- Work group members requested clarification on the timeline for the Conceptual Drinking Water Supply Plan.

## **Public comments and questions**

Members of the public were given the opportunity to ask questions. There were no comments or questions from the public.

## **Next steps**

Terill Hollweg (Abt) presented next steps, including:

- March – May: Wood will update the scenarios, including costs, and present the results to the Co-Trustees
- Future tasks: The Co-Trustees will refine the scenarios and develop their good/better/best recommendation.

The work group will discuss key considerations for the Conceptual Drinking Water Supply Plan at the May meeting.