

Minnesota 3M PFC Settlement

Agenda for Government and 3M Working Group Meeting

Wednesday, November 20, 2019

9:00 a.m.-12:00 p.m.

Cottage Grove City Hall — Training Room

12800 Ravine Parkway South, Cottage Grove

Meeting Purpose:

- Achieve a common understanding of progress to date on Settlement activities
- Obtain work group input on Chapters 4-6 of the Conceptual Drinking Water Supply Plan and future cost considerations
- Clearly identify next steps.

1. Welcome	Kirk Koudelka – MPCA Jess Richards – DNR Milt Thomas – MPCA	9:00 a.m.
2. Updates and follow-up a. Liaison updates b. Email update follow-up c. Other questions?	Kirk Koudelka – MPCA Jess Richards – DNR	
3. October work group meeting evaluations	Milt Thomas – MPCA	
4. Minnesota Water Well Association presentation	David Henrich – Minnesota Water Well Association	
5. Revised Priority 1 criteria evaluation framework	Terill Hollweg – Abt Associates	
6. Conceptual Drinking Water Supply Plan a. Discussion and any initial feedback on Chapters 4-6 b. Update on scenario development and modeling	Terill Hollweg – Abt Associates Hannah Albertus-Benham – Wood	
7. Public comments and questions	Milt Thomas – MPCA	10:30 a.m.
8. Ten minute break		10:40 a.m.
9. Future planning and cost consideration discussion	Terill Hollweg – Abt Associates Mark Lorie – Abt Associates	10:50 a.m.
10. Next steps: upcoming activities and tasks, future meetings, and agenda items to request	Terill Hollweg – Abt Associates Milt Thomas – MPCA	
11. Public comments and questions	Milt Thomas – MPCA	11:50 a.m.

**Minnesota 3M PFC Settlement
Government and 3M Working Group Meeting
November 20, 2019, Meeting Notes**

Group members in attendance:

David Brummel	Daniel Kylo
Kevin Chapdelaine	Jennifer Levitt
Jeff Dionisopoulos	Ron Moorse
Clint Gridley	Jess Richards
Kristina Handt	Monica Stiglich
Chris Hartzell	Jessica Stolle
Jim Kotsmith	Jeff Thomson
Kirk Koudelka	

Presenters:

- Kirk Koudelka, Minnesota Pollution Control Agency (MPCA)
- Jess Richards, Minnesota Department of Natural Resources (DNR)
- David Henrich, Minnesota Water Well Association (MWWA)
- Terill Hollweg, Abt Associates (Abt)
- Mark Lorie, Abt
- Hannah Albertus-Benham, Wood
- Milt Thomas, facilitator, MPCA

Welcome

Kirk Koudelka (MPCA) and Jess Richards (DNR) welcomed the work group.

Updates and follow-up

Kevin Chapdelaine and Monica Stiglich (liaisons) provided a report-out from yesterday's Citizen-Business Group meeting. First, Monica provided a summary of the key topics discussed, including:

- An update on the public meetings last month.
- A discussion on future planning and cost considerations. Monica noted there was a lot of discussion on how to handle future development.
- Comments on the draft chapters of the Conceptual Drinking Water Supply Plan.

Kevin added that the future planning and cost consideration discussion was very spirited, with many thoughts from the work group members about whether the Settlement funds should be used for future development. Kevin also noted that the presentation from the Minnesota Water Well Association was very interesting.

Kirk Koudelka (MPCA) noted that the capacity grants for next year are in process and should be coming out fairly soon.

Kirk Koudelka (MPCA) asked if the work group members had any other questions. A few topics were discussed, including:

- One work group member suggested that the local government units (LGUs) provide an overview to the Citizen-Business Group on how they handle development.
- One work group member had a clarifying question on Project 1007.
- One work group member had a clarifying question on other cities with PFAS impacts.

October work group meeting evaluations

Milt Thomas (MPCA) provided a summary of the October work group evaluation results. Overall, the ratings from the Citizen-Business Group went down slightly from April to October while the Government and 3M Working Group ratings went up. Specific items the Co-Trustees will be implementing to address the comments include: (1) call out 'action items' in work group emails more clearly; and (2) provide a clear explanation of each agenda item when it is introduced during the meetings. Milt then asked if the work group members had additional suggestions for things that could be done better. One work group member suggested that some of the Citizen-Business Group members may be getting a bit tired from all of the meetings.

Minnesota Water Well Association presentation

David Henrich (MWWA) provided a presentation on PFAS and private water systems. David discussed Minnesota's water well community and standards, benefits of private water systems, PFAS treatment options with private water systems, issues with the alternatives, and groundwater use in Minnesota. There was a discussion about well construction testing and other considerations between private and public water systems.

Revised Priority 1 criteria evaluation framework

Terill Hollweg (Abt) presented the revised Priority 1 criteria evaluation framework and asked for additional work group feedback. This draft evaluation framework was developed to support the evaluation of the scenarios and to inform the Co-Trustees' good/better/best scenario recommendations. The draft evaluation framework was discussed during last month's meeting, and revised based on work group feedback.

Some work group members suggested that the first criterion related to addressing water supplies above health based values should be considered.

As a next step, the Priority 1 criteria evaluation framework will be revised to capture work group input and recirculated to the work group for review.

Public comments and questions

Members of the public were given the opportunity to ask questions. No questions or comments were offered at this time.

Conceptual Drinking Water Supply Plan

Discussion and initial feedback on Chapters 4-6

Terill Hollweg (Abt) provided an update on the development of the Conceptual Drinking Water Supply Plan and asked for any initial work group feedback on draft chapters 4-6. Six draft chapters were recently shared with the work groups for review, including revised chapters 1-3 (consisting of the introduction, background, and approach) and new draft chapters 4-6 (consisting of the model development and results, water supply improvement option identification and evaluation, and conceptual project identification).

The work group members provided some initial suggestions on refinements to the draft chapters, including checking some language for accuracy, trying to ensure consistency in some sections, and adding in some additional information. Some work group members also had some requested changes to the water supply improvement option evaluation in chapter 5. Work group members were asked to provide any additional feedback on the draft chapters 4-6 by December 2, 2019.

Update on scenario development and modeling

Hannah Albertus-Benham (Wood) provided an update on the scenario development and modeling. Using the final conceptual project list, Wood is grouping the conceptual projects into four scenario groups, including (1) community-specific; (2) regional supply; (3) treatment; and (4) integrated. As part of this effort, Wood held meetings with the LGUs to discuss the scenario groupings and followed-up with specific communities/entities as needed. Hannah also noted some refinements that Wood has made to the scenario groupings since last month.

As a next step, Wood will be evaluating the scenarios using the drinking water and groundwater models. Hannah noted that the groundwater model has been built, but during calibration, a software error was discovered. Wood is actively addressing the issue, but it is likely there will be a delay in the schedule by a few weeks. An update will be sent to the work groups next week with the plan moving forward.

Lastly, Hannah discussed how the results will be summarized. It is currently anticipated the results summary will include an overview of the scenarios, maps of the projects included in each scenario, modeling considerations, and cost estimates (including capital costs as well as operations and maintenance costs).

Due to the delay in the schedule, there was a discussion about whether to hold the December work group meetings. The work group suggested that the December meetings be canceled and have the Co-Trustees provide an update via email.

Future planning and cost consideration discussion

Terill Hollweg (Abt) facilitated a discussion on future planning and cost considerations. First, the work group discussed considerations for future growth and development. One work group member suggested that while settlement funds should not pay for future development entirely, there may be some additional expenses because of PFAS that should be covered (e.g., treatment systems, drilling deeper wells). The work group members also suggested sending written responses to the Co-Trustees with the specific guidance they use for their LGU.

Second, the work group discussed considerations for operations and maintenance. One work group member suggested that they see what funds are left after investing in capital, and then determine how best to allocate the remaining funds. Another work group member suggested to focus on capital to be able to handle future conditions (e.g., plume movement, changing health based values). Many work group members thought this discussion would be easier to have once specific costs for each scenario were developed. The Co-Trustee plan to revisit this conversation in the future with work groups when more cost information is available.

The work group was asked to provide any additional feedback via email.

Next steps: upcoming activities and tasks, future meetings, and agenda items to request

Terill Hollweg (Abt) presented upcoming steps and deadlines, including:

- Review draft chapters 4-6 of the Conceptual Drinking Water Supply Plan (feedback by 12/2/2019)
- Review the expanded chapter 4 of the Conceptual Drinking Water Supply Plan (to be distributed in December)
- Review the partial preliminary results summary (to be distributed in December).

With the December meeting canceled, the next Government and 3M Working Group meeting will be held on January 15, 2020.

Public comments and questions

Members of the public were given the opportunity to ask questions. One member of the public noted 22 PFAS chemicals are currently being tested in North Carolina..