

**Minnesota 3M PFC Settlement**  
 Agenda for Citizen-Business Group Meeting

Tuesday, November 19, 2019

1:00 p.m.-4:00 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 Mark Lorie – Abt	1:00 p.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	Mark Lorie – Abt	
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	Mark Lorie – Abt	2:30 p.m.
8. Ten minute break		2:40 p.m.
9. Future planning and cost consideration discussion	Terill Hollweg – Abt Associates Mark Lorie – Abt Associates	2:50 p.m.
10. Next steps: upcoming activities and tasks, future meetings, and agenda items to request	Terill Hollweg – Abt Associates Mark Lorie – Abt	
11. Public comments and questions	Mark Lorie – Abt	3:50 p.m.

**Minnesota 3M PFC Settlement  
Citizen-Business Group Meeting  
November 19, 2019, Meeting Notes**

Group members in attendance:

Kevin Chapdelaine	Jack Lavold
Betsy Daub	Jess Richards
David Filipiak	Barbara Ronningen
Jeff Holtz	Amy Schall
Mark Jenkins	Dave Schulenberg
Kirk Koudelka	Monica Stiglich

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)
- Hannah Albertus-Benham, Wood
- Mark Lorie, facilitator, Abt

### 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 the October Government and 3M Working Group meeting. First, Kevin provided an overview of key topics discussed, including:

- An update on Project 1007.
- A discussion on the Priority 1 criteria evaluation framework. Kevin noted that there was extensive discussion on three topics, including: (1) whether local government unit (LGU) approval should be required; (2) whether new development should pay for itself; and (3) treating all water supplies vs. those above health based values.
- A discussion on the privacy laws and whether information on approved projects can be shared earlier.

Monica added that during the Priority 1 criteria discussion some work group members supported the idea of investing in capital now to treat all water supplies.

Kirk Koudelka (MPCA) asked if the work group members had any questions on the email updates. One work group member asked about the public meetings that were held last month. The Co-Trustees responded that there was a relatively good turn out with 70-80 people at each one, with an open-house portion at the beginning to answer questions.

### **October work group meeting evaluations**

Mark Lorie (Abt) 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. Mark then asked if the work group members had additional suggestions for things that could be done better. One work group member requested to: (1) have the meetings follow the timed agenda and end at 4 pm; and (2) provide a draft or outline of the presentations before the meetings so they can be reviewed in advance.

### **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 the differences in water use between public and private water systems, and whether other contaminants are a concern.

### **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.

The work group members provided additional thoughts and feedback on the revised draft, including:

- A suggestion that the first criterion related to addressing water supplies above health based values should be considered.
- A suggestion that the second criterion related to groundwater protection/restoration projects should be considered. After work group discussion, it was thought that aquifer benefits are captured under criterion #6.
- Suggestions on changes to some of the criteria priorities.

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. 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 their December meeting be canceled and have the Co-Trustees provide an update via email.

#### **Future planning and cost consideration discussion**

Terill Hollweg (Abt) and Mark Lorie (Abt) facilitated a discussion on future planning and cost considerations. Due to limited time, the work group only discussed considerations around future growth and development. While many of the work group members thought that settlement funds should not be used for future development, there were questions around if any specific aspects should be covered and whether a specific date should be used as a cut-off. The work group was asked to provide any additional feedback via email. In addition, it was noted that the Co-Trustees will revisit this conversation in the future with work groups when more cost information is available.

#### **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 Citizen-Business Group meeting will be held on January 14, 2020.

### **Public comments and questions**

Members of the public were given the opportunity to ask questions. One member of the public noted two things: (1) 22 PFAS chemicals are currently being tested in North Carolina; and (2) there was a Research Triangle Environmental Health Collaborative summit focused on PFAS in North Carolina on October 23-24, 2019.

## Liaison report - 11/20/19

### 3M/Government Group's November meeting report to the Citizen Business Work Group

4] Mn Water Well Association presentation: Discussion and questions after the presentation revolved around safety concerns with private wells. Many agreed the issues with private wells may be more perception than reality. Comments made that homes with private wells have had trouble selling because of the safety perceptions. The lack of/need for required annual private well testing in Minnesota was discussed as well.

6} Conceptual Drinking Water Supply Plan, a] Discussion/Feedback on Ch 4-6: Concern from one community based on some text/graph in Ch 5 that preliminary decisions on Surface vs Well water supply have been made in advance of the Groundwater model's completion. Staff's response, No decisions have been made and Ch 5 may need to be reviewed to reflect that. Much of the text within the plan reflects the need for all options to still be on the table at this time in the process.

Question again raised the interest in re-using non-potable water that is being pumped from various wells and dumped directly into the Mississippi River to control Plume movement. Staff reiterated this discussion along other conservation measures will be had at a later date under Priority 2 discussions.

6]b] Update on scenario development and modeling: Comments and support again made for the "treat all drinking water" concept.

9] Future planning and cost consideration discussion: Continued discussion on long term O&M and Recapitalization costs. How Much? How Long? How to Prioritize? Impact on future development was also discussed. Conversation to continue.

Respectfully submitted,

Kevin Chapdelaine