

1 WURTSMITH RESTORATION ADVISORY BOARD (RAB)  
2 WEDNESDAY, AUGUST 17, 2022  
3 5:00 P.M.

4 Transcript of the proceedings  
5 regarding the former Wurtsmith Air Force Base  
6 being held via video teleconference technology  
7 and in-person at the Oscoda United Methodist  
8 Church.

9 APPEARANCES:

10 TIM SUELTFUSS, Galen Driscoll  
11 PAULA BOND, Aerostar

12 COMMUNITY RAB:

13 MARK HENRY, CO-CHAIR  
14 WILLIAM GAINES  
15 DANIEL STOCK  
16 DAVID WINN  
17 CATHY WUSTERBARTH  
18 ARNIE LERICHE  
19 JOE MAXWELL  
20 SCOTT LINGO  
21 REX VAUGHN (VIA TELECONFERENCE)  
22 GREG SCHULZ, Oscoda Township (VIA TELECONFERENCE)

23 GOVERNMENT RAB:

24 STEVEN WILLIS, Co-Chair  
25 MICHAEL MUNSON, OWAA  
JESSICA STUNTEBECK, USDA-FS (VIA TELECONFERENCE)  
PUNEET VIJ, MDHHS (VIA TELECONFERENCE)  
DAVID KLEIN, EGLE  
TIM CUMMINGS, Oscoda Township  
BEN WIESE, USDA-FS  
CHARLES BAUER, EGLE  
BILL PALMER, Au Sable Township

REPORTED VIRTUALLY BY:

Quentina R. Snowden, (CSR-5519)  
Certified Shorthand Reporter & Notary Public

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MEMBERS OF THE PUBLIC ADDRESSING THE BOARD:

- ANTHONY SPANIOLA
- BOB DELANEY
- KYLE JONES
- SHARON VRISENGA

1 (Call to order at 5:04 p.m.; Zoom  
2 audio/video begins as follows:)

3 MR. SUELTFUSS: Let me just continue  
4 on and run through some introductory material for  
5 our meeting tonight. Moving on to slide three. So,  
6 this is the RAB rules, the ground rules.

7 Respect one another and maintain an  
8 atmosphere of open dialogue and exchange of ideas.

9 Number two, use our time together  
10 efficiently, wisely, and respectfully.

11 Number three, speak clearly and  
12 succinctly one person at a time; avoid interrupting  
13 others.

14 Number four, listen and remain open to  
15 differing points of view.

16 And number five, maintain a propensity  
17 for progress. Prepare and discuss, document, and  
18 move forward.

19 Let's see. Next, share information  
20 early, openly, and honestly.

21 And finally, accurate and objectively  
22 relate to others the discussions that occur at Board  
23 meetings.

24 RAB members, these have been our  
25 ground rules for some time. Do they still work; do

1 they need any adjustment? Still good to go? All  
2 right. So, we'll continue to work with those.  
3 Let's move to the next slide, if we could, slide  
4 four.

5 So, this is participation. Just a  
6 note that we do have a Court Reporter online to  
7 capture the written transcript. Our RAB meeting is  
8 also being recorded.

9 So, what we have tonight is a hybrid  
10 meeting in which we have the majority of the  
11 participants are here in person, and then we also  
12 have some individuals participating remotely.  
13 Really wanted to do that in order to take advantage  
14 of the ability to meet face-to-face again, but still  
15 have the opportunity for others who cannot do that  
16 to participate as well. So, thanks for your  
17 patience with that. I know it's a little bit more  
18 logistical work, so thanks for all of those who --  
19 who set that up.

20 Let's see. Just a few things to  
21 mention. Let's see. Please do make sure that  
22 you're muted when you're not speaking. Please note  
23 that there's a way to turn on live transcript, as  
24 indicated here, from the Zoom feed. You can go to  
25 captions, go to those three dots, hit "More", and

1 hit "Live transcript."

2 The RAB members that are here in  
3 person, you get to raise your hand the old-fashioned  
4 way when you have a question by actually raising  
5 your real life hands. RAB members that are joining  
6 by computer, please let us know if you have a  
7 question by raising your hand electronically. Then,  
8 I'll call on you to pose your question. And please  
9 do remember to mute those microphones when you're  
10 not speaking just so we don't have any background  
11 noise.

12 And RAB members that are joining by  
13 telephone, there's a bit of a process. You can  
14 raise your hands and lower your hand by pressing  
15 star 9. And you can mute and un-mute your phone.  
16 You'll see there's a phone number display rather  
17 than names, so I'll call on the phone number.

18 When I call on you to speak, you will  
19 hear an automated voice -- automated recording  
20 saying the person is allowed to talk, press star 6  
21 to mute yourself and press star 6 and then you're  
22 now un-muted and you can say -- make your comment,  
23 ask a question. So, I appreciate, in advance, the  
24 patience with that process. When I'm interacting  
25 with folks who are on the phone, I'll give a few

1 seconds to complete all that.

2 Let's see. Slide five here is a brief  
3 version of an acronym list. The RAB members, you  
4 have a more detailed acronym list in front of you as  
5 well just for reference tonight.

6 And slide six is our agenda. So, it  
7 is our agenda for this evening. We'll begin with  
8 just brief updates from our RAB members like we  
9 typically do, and stakeholder updates portion.  
10 Then, we'll move to the RAB business portion of the  
11 meeting. This includes action items from previous  
12 meetings, and discussions about membership and  
13 Community Co-Chair elections. And after that, we'll  
14 move into an update about the remedial investigation  
15 and interim medial actions.

16 Then, we reserved a very large portion  
17 of tonight's time for RAB member discussion. So,  
18 just for questions and discussion among the RAB  
19 members. These questions are for the RAB members,  
20 and thereafter, we'll have an option for public  
21 comment. So, if you would like to make public  
22 comment, you'll have the opportunity to come up  
23 here, if you're in person, make a three-minute  
24 comment, and then after we address those who are in  
25 the room, we'll check with those who have connected

1 virtually and see if they would like to make a  
2 comment as well.

3 Okay. Let's now confirm that we do  
4 have a quorum. I will run through the list of our  
5 RAB members. Do we have Mr. Bill Gaines?

6 MEMBER GAINES: Here.

7 MR. SUELTFUSS: Let's see how about  
8 Mark Henry?

9 CO-CHAIR HENRY: Here.

10 MR. SUELTFUSS: Arnie Leriche?

11 MEMBER LERICHE: Here.

12 MR. SUELTFUSS: Scott Lingo?

13 MEMBER LINGO: Here.

14 MR. SUELTFUSS: Let's see. Do we  
15 have Joe Maxwell?

16 MEMBER MAXWELL: Yes, here.

17 MR. SUELTFUSS: Welcome, sir. Okay.  
18 How about Ryan Mertz?

19 And do we have Ryan Mertz listed on  
20 the attendee list for the remote meeting? Ryan  
21 Mertz, M-E-R-T-Z? I don't believe that we do. It  
22 looks like we do not. Okay. So, Ryan is not with  
23 us tonight.

24 Greg Schulz?

25 MR. SCHULZ: Yes. I'm here remotely.

1 MR. SUELTFUSS: Welcome, Greg.

2 Thank you.

3 And let's see. Dan Stock?

4 MEMBER STOCK: Here, present.

5 MR. SUELTFUSS: Thank you, sir. And  
6 Rex Vaughn?

7 And is Rex Vaughn listed on the  
8 attendee list? Yes? Okay.

9 Rex, are you able to hear us? Okay.  
10 And again, checking in with Rex Vaughn. You say  
11 that he is listed in attendance? Yes? Okay.

12 Okay. Rex, we are not able to hear  
13 you, if you might un-mute yourself.

14 And everyone who is here in person,  
15 thank you again for your patience with this.

16 So Rex, we'll come back here in a  
17 moment. I think --

18 MEMBER VAUGHN: Can you hear me now?  
19 Can you hear me now? This is Rex.

20 MR. SUELTFUSS: I can hear you now,  
21 yep.

22 MEMBER VAUGHN: Okay. Yeah, somebody  
23 had my mute locked out. I didn't have the ability  
24 to control it.

25 MR. SUELTFUSS: Thanks for your



1 persistence, Rex, I appreciate --

2 MEMBER VAUGHN: How about my video?  
3 Do you want my video feed as well? We need to  
4 unlock that as well.

5 MR. SUELTFUSS: I don't think we  
6 need the video right now. We're not able to see  
7 that in the room. We are taking advantage of the  
8 audio. Those who are connected virtually can see  
9 the video, but not us in person.

10 MEMBER VAUGHN: Okay. That's fine.

11 MR. SUELTFUSS: Okay. Well, thanks  
12 Rex. And thank you, David Winn.

13 Cathy Wusterbarth?

14 MEMBER WUSTERBARTH: Present.

15 MR. SUELTFUSS: All right. Thank  
16 you, Cathy.

17 Okay. And let's see. With the Air  
18 Force, Steven Willis.

19 CO-CHAIR WILLIS: Yes.

20 MR. SUELTFUSS: And how about Eric  
21 Strayer with Au Sable Township?

22 And do we have Eric Strayer listed?  
23 Okay. Not there. Moving on.

24 Let me ask if we have Denise Bryan  
25 with District Health Department 2?

1                   Okay. And do we have Puneet Vij with  
2 Michigan Department of Health and Human Services?

3                   And let me know if you see any of  
4 these listed on the attendee list. So, that will be  
5 Eric Strayer, Denise Bryan, and Puneet Vij. Okay.  
6 Looks like they are not with us right now.

7                   For Michigan Department of  
8 Environment, Great Lakes, and Energy, we have David  
9 Klein.

10                   MEMBER KLEIN: Yes, I'm here.

11                   MR. SUELTFUSS: Thank you, sir.

12                   MEMBER KLEIN: Thank you.

13                   MR. SUELTFUSS: And Oscoda Township,  
14 Tim Cummings?

15                   MR. CUMMINGS: Here.

16                   MR. SUELTFUSS: Mr. Mike Munson?

17                   MEMBER MUNSON: Here.

18                   MR. SUELTFUSS: Do we have Jesse  
19 Stuntebeck?

20                   And it looks like Jesse is listed on  
21 the attendee list. Jesse, are you able to hear me  
22 all right?

23                   Okay. I know we also have Ben Wiese  
24 with USDA Forest Service here as well. So Jesse,  
25 let me just do another quick sound check with you to

1 see if you're able to hear me?

2 Okay. Jesse, we are not able to hear  
3 you right now. We see that you have joined in.

4 Let me just make sure that we do have  
5 51 percent or more of all of our Community and  
6 Government RAB members. And we have Community  
7 Co-Chair and the Air Force Co-Chair, so we do have a  
8 quorum tonight. So, thank you for your patience  
9 with that.

10 Just one other announcement. As you  
11 can see, we have a sign-in sheet right here at this  
12 table. So, for those of you who are in person, if  
13 you have not signed in, please make sure to sign in.  
14 The attendee list will be posted to the RAB website  
15 along with the meeting transcript, and that list  
16 will also include the participants. Those who  
17 participated virtually, if they provided their name  
18 when they registered as well.

19 So, that kind of takes us through some  
20 introductory remarks.

21 We'll move on, if we could, to  
22 stakeholder updates. And we're now on slide seven.

23 Again, before turning to Steven for  
24 the Air Force update, let me just make sure that the  
25 stakeholder update portion is just an opportunity to

1 provide a brief update about what the organization  
2 has been involved in and the information incurred  
3 from other members of the community. Just something  
4 that you'd like to share with the RAB members as a  
5 -- as a member, either Community or Government of  
6 the RAB. And then, we have more detailed discussion  
7 and further presentations.

8 With that, we'll now turn to Mr.  
9 Willis for the Air Force stakeholder update.

10 CO-CHAIR WILLIS: Can everyone hear  
11 me?

12 Just want to update. We have a site  
13 visit for remedial investigation. We did a site  
14 visit here and (inaudible).

15 THE COURT REPORTER: I'm sorry to  
16 interrupt, Mr. Willis. I'm having a hard time  
17 hearing you.

18 CO-CHAIR WILLIS: (Inaudible) these  
19 buildings are slightly based on the report that's  
20 been provided to EGLE to comment on. They actually  
21 identify four areas that we're particularly  
22 concerned about. We accelerated those in the  
23 investigation. Once that contract is awarded, we'll  
24 have a contractor come and (inaudible).

25 MR. SUELTFUSS: Sir, let me just

1 stop real quick for a moment to see whether that  
2 improved. Was that any better, Quentina?

3 THE COURT REPORTER: It was still in  
4 and out. It's very difficult to hear.

5 MR. SUELTFUSS: Thanks for your  
6 patience. We are making a few adjustments here.

7 CO-CHAIR WILLIS: At the last meeting,  
8 I did brief everyone on the military munition  
9 response program and remedial investigation, but  
10 we're in the process of (inaudible) with the Army  
11 Corps of Engineers.

12 I did talk with the project manager  
13 for that with the Army Corps, and they have  
14 identified a contractor, but they have not awarded  
15 the contract. That should happen next week. So, as  
16 soon as that is awarded, we'll find out who that  
17 was, and I'll pass the word onto you. But that  
18 contract will start, they'll probably spend the  
19 winter months writing their plans for the  
20 investigation, and the fieldwork should start next  
21 year.

22 Something we briefly mentioned at the  
23 last meeting, and we'll talk a little bit more about  
24 tonight, but, the next meeting is where we really  
25 plan to provide you with additional details about

1 putting that contract in place, and we'll probably  
2 have a conceptual design that we can describe the  
3 two (inaudible) the aircraft work area, and sort of  
4 present to you (inaudible).

5 And that contract is also going to  
6 include a pilot study done in Three Pipes Ditch  
7 area. In that kind of study, we're looking at  
8 putting a material into the ditch to treat the  
9 surface water. And then, once we get a contractor  
10 and a conceptual design, we'll pass that to everyone  
11 here; what the (inaudible) questions about what the  
12 objectives are, and design, and materials that's  
13 going to be used and so forth.

14 Yeah. Okay. Yeah, we can go to that.  
15 I've got a few more items that are not on this  
16 slide.

17 The yellow circle is the aircraft  
18 alert area. That's where we're going to do the next  
19 interim remedial action. That system is going to be  
20 very similar to the GACC systems we put in, in a  
21 number of remediations.

22 The thought is that it's going to look  
23 very much like the central treatment system. It  
24 will probably -- the facility will probably be the  
25 same size, probably use a majority of the design

1 from the central treatment system. We'll use half  
2 the capacity of the building and reserve the other  
3 half for the future.

4           Once we have completed the RI, and we  
5 do our feasibility study and determine permanent  
6 remedies for some of these sites, we can take  
7 advantage of that additional structure. The cost to  
8 build out some extra space in the building now and  
9 then use it later is much more cost-effective, and  
10 it's a process further along for permanent remedies  
11 down the road.

12           The red circle down at the bottom is  
13 the Three Pipes Ditch area. Again, we'll have more  
14 detail on that, but, we're looking at some new  
15 technologies that's out there for treating surface  
16 water for PFAS. Yeah.

17           Our plan is to do that next year.  
18 We'll start construction next year. The hope is  
19 that we can get it built before the winter. We  
20 don't want to pour concrete during the winter like  
21 we did for this last one. Makes it a lot harder, a  
22 lot slower, and a lot more expensive.

23           The plan was to get that contractor  
24 this fiscal year. We're right -- planning  
25 documentation over the winter. We can start

1 construction in the spring as soon as the real  
2 construction season starts, and try and get ahead,  
3 system up and running by the end of the year.

4 UNKNOWN SPEAKER: Where will that  
5 building be located?

6 CO-CHAIR WILLIS: Somewhere within  
7 that circle. As I said, we don't have a contractor.  
8 We don't have a conceptual design yet. We have  
9 talked with the airport, conceptually, about putting  
10 something up in that area. It will be a GACC system  
11 just like the central treatment; will have  
12 extraction wells; will have an infiltration gallery.

13 I did meet with the airport manager  
14 yesterday, and they're actually planning the new  
15 perimeter road, so we'll consider that in our design  
16 to make sure that we're not putting our system in  
17 where they're planning to move the road.

18 But -- is that -- is that what you  
19 were looking for? Excuse me, what you were looking  
20 for?

21 UNKNOWN SPEAKER: Yeah.

22 MR. SUELTFUSS: And a question from  
23 Mr. Mark Henry.

24 CO-CHAIR HENRY: Just in conclusion  
25 (inaudible), or is it looking for volatile



1 (inaudible) chemicals like --

2 CO-CHAIR WILLIS: Traditional VOCs,  
3 and it's a follow on to -- to a study that's already  
4 -- the fieldwork has already been done, like I said.  
5 EGLE's reviewed the report. And so this is kind of  
6 the next step of that. And this will include more  
7 fieldwork as well as a risk assessment.

8 A couple things that I didn't have on  
9 the previous slide that I just wanted to update  
10 everyone on, we are in the process of awarding a  
11 contract for a preliminary assessment, which is the  
12 first step in the CERCLA process. It's really going  
13 back through historical records, and we're looking  
14 for non-AFFF sources of PFAS.

15 The PFAS investigations we've done to  
16 this date have really focused on the aqueous  
17 firefighting foam. And so now, we're going back and  
18 it's actually going to be a BRAC-wide initiative.  
19 We're awarding contract for all the bases to go back  
20 and look for other potential sources of PFAS, other  
21 than firefighting foam.

22 Wurtsmith will be one of the first  
23 installations done, based on the risk rating that  
24 was done for all the BRAC bases. I was told that  
25 that potentially can start as early as December of

1 this year. So as that progresses, I'll be able to  
2 provide you with updates on that as well.

3 You'll notice in your handouts -- and  
4 Mark briefly mentioned -- or Tim briefly mentioned  
5 it -- your handout includes an acronym list. In  
6 this slide presentation, we've just defined the  
7 acronyms that are used in the presentation, which  
8 you've got a handout that's got about seven pages of  
9 acronyms. And it's really intended as an  
10 all-encompassing list of acronyms that we use when  
11 we talk about Wurtsmith.

12 Some of them may not have been used in  
13 years, I think some of them are probably legacy  
14 acronyms. The organizations don't exist anymore,  
15 but they're still in documents and reports. So, if  
16 you're reading an old report and you run across an  
17 acronym, that list should help you. During the  
18 course of these meetings, you know, we start  
19 answering questions, we start talking about stuff  
20 that's not necessarily on the slides, so that  
21 acronym list should help you with that as well.

22 Go ahead, Arnie.

23 MEMBER LERICHE: (Inaudible).

24 CO-CHAIR WILLIS: One of -- one of the  
25 first.

1 MEMBER LERICHE: (Inaudible).

2 CO-CHAIR WILLIS: Nothing publicly  
3 available yet. The contract has not been awarded,  
4 is my understanding. So soon as the material's  
5 available, I will let you know.

6 THE COURT REPORTER: And I'm sorry,  
7 Tim, I'm not able to hear Mr. Leriche at all.

8 MR. SUELTFUSS: Sounds like  
9 difficulty hearing, JD (inaudible). Okay.  
10 So (inaudible) have a follow-on question  
11 (inaudible).

12 CO-CHAIR WILLIS: And one last thing,  
13 in addition to the acronym list, there is a Base  
14 site map. We'll probably review that and update it.  
15 And for the next RAB, we'll have a handout that will  
16 include a list of all of the IRP sites and the  
17 status of them all. I know that's something that  
18 several RAB members have asked for, and it's in  
19 works. And so I'll have that for the next meeting.

20 For the benefit of those that are not  
21 in attendance in person going forward, my intention  
22 is to e-mail the handout material, presentation and  
23 so forth, to anyone that's registered for this so  
24 that they'll have it in-hand to follow along. So, I  
25 encourage anybody that does plan to participate in

1 these in the future to register, because if you do,  
2 then you will have access to the material that's  
3 provided here at these meetings.

4 That's all I have.

5 MR. SUELTFUSS: Thank you very much,  
6 Steven. And so we want to continue on through our  
7 stakeholder updates. For those who are online, we  
8 do have the audio/visual tech trying to make some  
9 adjustments here, so please do bear with us.

10 Quentina, please do continue to let us  
11 know if you're not able to hear us. Let me do a  
12 quick sound check with you right now. Are you able  
13 to hear me well?

14 THE COURT REPORTER: Yes, you're  
15 perfect. Thank you.

16 MR. SUELTFUSS: Well, good. For  
17 that reason, as we proceed through our remaining  
18 stakeholder updates, let me just ask those of you,  
19 the RAB members, to come up here if you would like  
20 to make a comment, just to make sure that everyone  
21 who is taking the time to join in remotely can hear  
22 as well.

23 So, we'll start off with our Community  
24 RAB members first, and I'll just call on all of the  
25 Community RAB members, I'll mentioned who's in the

1 queue, who's on deck, who's in the batting circle  
2 and so on.

3 Mark Henry, if you would start us off,  
4 then go to Bill Gaines, and Arnie Leriche after  
5 that. But first, we'll start with Mark Henry just  
6 for any brief stakeholder updates you may have.

7 CO-CHAIR HENRY: All of this  
8 transpired on the Community RAB front. So, since  
9 the last RAB meeting is some internal meeting and  
10 discussion about various topics. Other than that, I  
11 don't really have anything to report.

12 MR. SUELTENFUSS: Thank you very much,  
13 Mark. And let's turn to Bill Gaines. Bill Gaines,  
14 any update that Bill has.

15 All right. Thanks, Bill.

16 Arnie Leriche. No update? Okay.

17 We'll next turn to Scott Lingo, Joe  
18 Maxwell, and if Ryan Mertz has joined us, to Ryan.

19 Scott Lingo, any update? No? Okay.  
20 No update there.

21 Joe Maxwell? No update right now.  
22 Okay.

23 And let me just do a quick check-in.  
24 Do you have Ryan Mertz listed on the attendee list?  
25 M-E-R-T-Z.

1                   Okay. We'll move on to Greg Schulz,  
2 Dan Stock, and Rex Vaughn. So, Greg Schulz?

3                   MR. SCHULZ: Nothing.

4                   MR. SUELTENFUSS: Nothing at this  
5 time? All right. Thank you, Greg.

6                   Dan Stock, do you want to share  
7 anything, sir? Okay. All right. Thank you, Dan.

8                   And Rex Vaughn?

9                   MEMBER VAUGHN: Nothing from me this  
10 afternoon yet.

11                   MR. SUELTENFUSS: Okay. All right.  
12 Thanks, Rex.

13                   And to David Winn and Cathy  
14 Wusterbarth. So, David?

15                   MEMBER WINN: One update that I would  
16 like to mention is a group of individuals within the  
17 community sat down, and based on additional  
18 (inaudible) or additional IRAs that I want to get  
19 noted based on the current and previous ESI data  
20 that was already published.

21                   And some of the areas that we'd like  
22 to be noted in for the record is the DMR -- VRMO  
23 area. We believe that there's an additional IRA  
24 that needs to be done there based on ESI data.

25                   Landfill 3031.

1           The Three Pipes drain. You talk about  
2 a pilot study, but nothing's talked about an  
3 additional IRA, which we believe is a substantial  
4 IRA that needs to be done.

5           And then the last one is a wastewater  
6 removal and seepage events. Again, that's another  
7 area that we believe is pretty substantial that  
8 needs some attention here very, very shortly in the  
9 tune of an IRA. Thank you.

10           MR. SUELTFUSS: All right. Thank  
11 you very much, David. And to Cathy Wusterbarth.

12           MEMBER WUSTERBARTH: Thank you. All  
13 right. The Community members, including the NOW  
14 Group, have continued to meet with the MPART team,  
15 EGLE, MDHHS, and as Dave had mentioned, the NOW  
16 technical team that has come up with some ideas and  
17 things that we wanted to submit to the RAB here.  
18 And of course, our environmental partners like the  
19 National Wildlife Federation and Michigan  
20 Conservation Voters and Ecology Center.

21           I had the opportunity to testify at a  
22 hearing at the United States Senate Field Hearing in  
23 East Lansing for the Committee on Homeland Security  
24 and Governmental Affairs related to improving  
25 interagency and intergovernmental coordination on

1 PFAS for Michigan communities. I did that on  
2 August 1st.

3 I wanted to just mention some of the  
4 things that I submitted for my testimony, including  
5 the new EPA reduction in lifetime health advisory  
6 for PFOA and PFAS, and how that might impact our  
7 municipal water supply in terms of the 2015 and 2016  
8 testing of the Lake Huron municipal water system,  
9 which revealed a 4.2 parts per trillion of PFOA and  
10 PFAS combined for the sampling.

11 I also submitted information about the  
12 visual evidence in the PFAS latent foam that are  
13 forming on our waterways in Lake Huron, as you can  
14 see in the back by the pictures that I have  
15 displayed.

16 I also submitted the timeline of PFAS  
17 exposure and actions at Wusterbarth, which was a  
18 report that we previously submitted to the RAB, but  
19 I will include that in tonight's meeting just so  
20 that you're familiar with what was provided in my  
21 testimony.

22 And also talking about how communities  
23 have vital information to provide, and we shouldn't  
24 be dismissed when it's presented, which is what  
25 happened when we submitted that report in the



1 September 2021 RAB meeting.

2 I made some requests to Senator Mertz  
3 for the Committee. There were -- I'll start with  
4 these three. We want the information portals from  
5 U.S. Air Force to the State of Michigan, which was  
6 discussed in the hearing to be opened so that the  
7 State of Michigan -- that information can be  
8 accessed more readily. Right now, it's a closed  
9 portal.

10 We want expanded opportunities for  
11 public input on plans, and we want, most  
12 importantly, in making the request to have inclusion  
13 of local leaders in the Base closure team meetings,  
14 which occur, I believe, quarterly, which has been  
15 done in the past, and we would like for the local  
16 team to consider that -- actually, we requested that  
17 of one of the leaders at the airport Department of  
18 Defense at the hearing.

19 Lastly, we want to request -- or we  
20 are requesting that we make -- reestablish the  
21 former Wurtsmith Air Force Base as a model, or  
22 shining star, for effective PFAS cleanup. And we  
23 want to have the health of the -- of those affected  
24 by this site to be monitored by the Department of  
25 Defense, and getting -- getting blood tested. I'm

1 going to submit, again, this information to Tim.

2 Lastly, this information related to  
3 the wastewater treatment lagoons, we are attempting  
4 to present that to the local township, because they  
5 know that we believe that that is impacting those  
6 lagoons. And of course, the Clark's Marsh. So,  
7 we're attempting to present that information to them  
8 so that they can be more informed about this system.  
9 Thank you.

10 MR. SUELTFUSS: Thank you very much,  
11 Ms. Wusterbarth. And let's see. Let's continue on  
12 now with our Governmental RAB members for any  
13 stakeholder updates you may have.

14 Let me first check in with Jesse  
15 Stuntebeck with USDA Forest Service. Jesse, are you  
16 able to hear me all right?

17 MEMBER STUNTEBECK: I am. Can you  
18 hear me?

19 MR. SUELTFUSS: I can, yeah. Thank  
20 you very much. Did you have any updates you'd like  
21 to share?

22 MEMBER STUNTEBECK: Thank you, I'll  
23 let Ben answer anything you may have.

24 MR. SUELTFUSS: Okay. Thank you  
25 very much. I appreciate it.

1 Ben, anything that you'd like to share  
2 at the moment? Okay. Come on up.

3 MR. WIESE: All right. Good evening,  
4 thank you. So, I just learned that yesterday  
5 morning, the FT002 is back up and running. And so  
6 those new extraction wells that were along Clark's  
7 Marsh on Forest Service land are up and running, and  
8 I heard that it's pumping 388 gallons per minute at  
9 this point. So, I thought that was quite a notable  
10 feat. We are very happy to see that progress being  
11 made.

12 And in the meantime, we have also been  
13 working with Air Force and contractors to identify,  
14 as they identify, new locations in Clark's Marsh  
15 that need to be sampled. Our specialists,  
16 biologists, botanists, we're going over every  
17 activity to make sure there's no negative impacts to  
18 the natural resources as those -- as that  
19 progresses.

20 So right now, we've got -- we're  
21 looking at some new well sites and locations, so  
22 from our perspective, we're making good progress.  
23 Thank you.

24 MR. SUELTENFUSS: Thank you, Ben. We  
25 appreciate that. Let's now move to David Klein with

1 the Michigan Department of Environment, Great Lakes,  
2 and Energy. David?

3 MR. KLEIN: Tim, I just first wanted  
4 to introduce myself. I'm David Klein. I'm manager  
5 of the Superfund program at EGLE. Our normal RAB  
6 member, Beth Place, is on vacation this week, so I'm  
7 filling in for her.

8 EGLE continues to do contractor  
9 oversight of the remedial investigation for PFAS and  
10 the interim remedial action instillations, and we  
11 continue to collect split samples of samples that  
12 the Air Force is collecting. We're collecting  
13 approximately ten percent of the samples for quality  
14 assurance purposes.

15 EGLE sent a letter to the Air Force on  
16 May 26th indicating unresolved comments that we had  
17 on the PFAS RI work plan, and we'll be working with  
18 the Air Force to get those remaining comments  
19 addressed.

20 On June 1st, EGLE and Air Force met to  
21 discuss the PFAS RI near and east of Van Etten  
22 Creek. And so our understanding is that work is  
23 ongoing.

24 On June 21st and 28th, EGLE met with  
25 the Air Force to discuss the PFAS RI risk assessment

1 work plan comments. Air Force plans to respond to  
2 our comments and then finalize the document, and  
3 we'll be following up with any unresolved comments.

4 The biota sampling plan is under  
5 review at EGLE, and the EGLE back check will be  
6 provided next week to the Air Force.

7 EGLE has reviewed and sent comments to  
8 the Air Force on the work plan for long-term  
9 monitoring of the legacy contaminants at the site.  
10 So, that's things like volatile organic compounds  
11 outside of the PFAS RI.

12 And then lastly, I wanted to mention  
13 that our water resources division at EGLE has  
14 revised some of the water quality standards for PFAS  
15 recently. There's a revised water quality standard  
16 for PFOL, and a new water quality standard for PFBS.

17 The water quality standards for PFOS  
18 have not changed, and they're kind of the main  
19 driving work out here, so we're not expecting these  
20 changes to have a big effect on the work out here,  
21 but, we'll be reviewing, you know, what the impacts  
22 of these changes might be on the work out here, and  
23 the Air Force is looking at that as well. Thanks.

24 MR. SUELTENFUSS: David, I appreciate  
25 that. We'll move to Michael Munson with

1 Oscoda-Wurtsmith Airport Authority. Mike?

2 MEMBER MUNSON: Thank you. And good  
3 evening, I'm Mike Munson with the Airport Authority  
4 Board. We are pleased to report that the current  
5 business climate that the airport has experienced  
6 positive growth. Several tenants have experienced  
7 positive business growth and facilities improvement.

8 The new airport manager has made  
9 exciting changes within the airport boundaries.  
10 These include, but not limited to: Building  
11 improvements, new airport signage, and physical  
12 appearance improvements with respect to on-site  
13 landscaping.

14 The latest FAA airport inspection  
15 gleaned a favorable comment. AOSE is one of the  
16 best-appearing GA airports in the State of Michigan.

17 We look forward to 2023 and the  
18 long-awaited \$7 million taxiway resurfacing project.

19 I can share additional information and  
20 answer questions about airport operations after the  
21 meeting. Thank you.

22 MR. SUELTFUSS: Thanks, Mike. And  
23 let me just check in to see if we have Eric Strayer  
24 with Au Sable Township on the line. Do we have Eric  
25 Strayer? I think not.

1                   Okay. And do we have Puneet Vij with  
2 the Michigan Department of Health and Human  
3 Services?

4                   MEMBER VIJ: Yes, I am here.

5                   MR. SUELTFUSS: Thank you for  
6 joining us. Do you have any stakeholder updates  
7 you'd like to share?

8                   MEMBER VIJ: Sure. So, I can provide  
9 an update on round three. Evidently, we are  
10 sampling. So in this round three, so far, 225 homes  
11 have been sampled, and the sampling is still  
12 ongoing. And I can provide more information in next  
13 month's Town Hall.

14                  MR. SUELTFUSS: Okay. And Puneet,  
15 also if you'd like to provide -- if you'd like to  
16 shoot an e-mail with that update my way, then I can  
17 share with Co-Chairs and get that out to the group  
18 as well.

19                  MEMBER VIJ: Sure.

20                  MR. SUELTFUSS: Anything else you'd  
21 like to share, Puneet?

22                  MEMBER VIJ: No. I think that's the  
23 only thing I have. Thank you.

24                  MR. SUELTFUSS: Well, thank you very  
25 much. And now, we're up to Tim Cummings with Oscoda

1 Township.

2 MR. CUMMINGS: Thank you. So, the  
3 first topic here is actually our presentation that  
4 Mark Henry will be making to the Oscoda Township  
5 Board about the influence of the Oscoda wastewater  
6 treatment plant discharge on PFAS.

7 Sure. I can. No problem.

8 Sorry. As I was saying, we'll be  
9 making a presentation to the Oscoda Township Board  
10 about the influence of Oscoda Township wastewater  
11 treatment plan discharge on PFAS to Clark's Marsh.  
12 And that presentation will be taking place at the  
13 next Township Board meeting on Monday, August 22nd  
14 at 7:00 p.m.

15 The next topic here is actually matter  
16 of questions. I wasn't at the last RAB meeting.  
17 Bill Palmer, the trustee for Oscoda Township,  
18 stepped in for me. And there were some questions  
19 about stormwater and stormwater sewers.

20 I wanted to know if the Air Force  
21 could address the current status on stormwater sewer  
22 usage, and the Air Force is planning to slip line  
23 the main line, as well as slip line the Mission  
24 Street line, and just update us on the Air Force's  
25 plan to pay for stormwater and sewer usage.



1 Third topic here is actually  
2 regarding, once again, the wastewater treatment  
3 plans at Wurtsmith Air Force Base. And what plans  
4 does the Air Force have for cleanup of the PFAS that  
5 was dumped below the wastewater treatment beds? And  
6 what priorities the Air Force assigning to this  
7 cleanup and has an estimated cost been created?  
8 That's my question. Thank you.

9 MR. SUELTFUSS: Thank you very much,  
10 sir. And to Denise Bryan with Department of Health  
11 District 2.

12 MS. BRYAN: (Inaudible).

13 MR. SUELTFUSS: All right. Well,  
14 thank you.

15 So RAB members, that takes us through  
16 the Community and Government RAB members. Any other  
17 brief updates you'd like to share before we move on?  
18 Okay.

19 So let's move on, if we could, to the  
20 RAB business portion of the agenda. We're on slide  
21 11, now 12. Just a matter that the Co-Chairs have a  
22 standard practice where they meet following each RAB  
23 meeting about two weeks or so after the RAB meeting  
24 concludes. That will happen after this RAB meeting  
25 as well.

1           So following the last RAB meeting, the  
2 Co-Chairs met, they reviewed action items. There  
3 are currently 11 action items that are either open  
4 or ongoing, and will meet again after tonight's RAB  
5 meeting to review those action items that are  
6 captured tonight. I may follow up with a few of you  
7 all.

8           Mr. Cummings, I may follow up with  
9 you, because I think I heard some action items in  
10 there, and I want to make sure we capture that.

11           David Winn, I think I heard some from  
12 you. So after the meeting, I might get with you  
13 just to confirm that I've captured correctly what  
14 our -- sound to me like some possible action items.

15           Arnie, I'll do the same thing there.

16           But one of the things I'm doing as we  
17 continue our discussion, at least when I can get  
18 over to my computer, is to write down anything that  
19 sounds like a possible action item. I list those  
20 out, and we review them with the Co-Chairs, and  
21 proceed from there. So again, that's kind of the  
22 process for the action items.

23           In relation to membership, during  
24 recent discussions, the Co-Chairs noticed that  
25 operating procedure section 2.2.4 pertains to

1 attendance. It indicates that any RAB member who  
2 fails to attend three consecutive meetings shall  
3 have their membership vacated without further action  
4 by the RAB.

5 Ryan Mertz, Community RAB member, has  
6 not attended the last eight RAB meetings. And so  
7 during the 25 May Co-Chairs meeting, the Co-Chairs  
8 decided that, after reaching out to Ryan to see if  
9 he was able to participate, if he was unable to  
10 participate tonight, then his position would be  
11 deemed vacated in accordance with that section of  
12 the operating procedures. So that is now the case,  
13 that his position is vacated, and when the Co-Chairs  
14 get together after this RAB meeting, one of the  
15 items on the agenda then would be to process how we  
16 need to proceed to fill that open position.

17 Last item is Community RAB Co-Chair  
18 term. So, Mr. Mark Henry's term as Community  
19 Co-Chair concludes on the 1st of September of this  
20 year. Your term, of course, as Community RAB member  
21 is ongoing until September of 2023, as many of the  
22 other RAB members are.

23 So, operating procedure section 2.3.1  
24 says the RAB Community Co-Chair shall be selected by  
25 a majority vote of Community members. The Board

1 Community Co-Chair shall serve a 12-month term. A  
2 Community Co-Chair may serve two or more terms if  
3 approved by the Board Community members. So, the  
4 plan is that we will conduct an election at our next  
5 scheduled RAB meeting, which is 16 November, 2022.

6 And after tonight's meeting, I'll  
7 check in with you, Mark, to check your interest in  
8 continuing to serve in this role. Also, all the  
9 other Community RAB members, I'll reach out to you  
10 to see if you are interested in serving in that  
11 capacity, and then we'll have a simple voting  
12 process at the 16 November RAB meeting. So, that's  
13 kind of the update there.

14 Let me just check in first with our  
15 Co-Chairs. Anything that you'd like to add to that  
16 update? Any further RAB business items that you  
17 would like to address?

18 Okay. All right.

19 UNKNOWN SPEAKER: (Inaudible).

20 MR. SUELTFUSS: All right. Thank  
21 you very much. So, that takes us through some of  
22 the introductory portions of the agenda. Thank you  
23 for your patience, again.

24 We're now to the presentation. We  
25 have Paula Bond with Aerostar SES to brief us on the

1 remedial investigation and interim remedial action  
2 update.

3 Paula, I will hand this over your way  
4 and let you take over.

5 MS. BOND: All right. I'm just a  
6 little too short for this. There we go. All right.  
7 Thanks everybody for joining us this evening. We  
8 have a lot of information to share with the folks.  
9 We'll just go ahead and get kicked off here.  
10 Hopefully, I can get this started.

11 The first slide that we have up -- and  
12 we showed this slide at the last RAB meeting, and  
13 this slide is really intended just to give everybody  
14 in the meeting an overview of the CERCLA process and  
15 the nomenclature that we use when we talk about the  
16 activities that are taking place at Wurtsmith. And  
17 I'm not going to read through all of these, but, I  
18 just want to make sure everyone kind of understands  
19 the process that the we're following at Wurtsmith  
20 for the cleanup and the investigation.

21 Everything starts out with the site  
22 identification and initial sampling, and that  
23 correlates, in the CERCLA process, to the  
24 preliminary assessment, like Steve was talking about  
25 earlier, to a site inspection for those initial

1 investigations. And then, they roll into additional  
2 investigation and site cleanup, and then eventually,  
3 long-term management at the end.

4 One thing that I do want to point  
5 out -- and I'm going to try to do this -- we are  
6 currently in the remedial investigation phase at  
7 Wurtsmith. And I think most folks are familiar with  
8 that. One thing that I do want to point out is the  
9 work that we're doing in the remedial investigation  
10 is driven by the documents that we prepare, our  
11 planning documents for that investigation, and what  
12 we call the UFP QAPP, which again, is referred --  
13 and that's in your acronym list -- or the work plan.  
14 And those two are interchangeable.

15 So, when we mention -- sometimes, we  
16 may say "Work plan", sometimes we say "The UFP  
17 QAPP", but that's the same document. And that's the  
18 document that identifies the processes and the  
19 procedures that we use, that we follow in the  
20 remedial investigation. And I got a question on  
21 that earlier, so I just want to make sure that was  
22 clear for everybody. But we are in the RI phase of  
23 the investigation currently. Next slide, please.

24 So, the next slide is also just kind  
25 of a summary of the PFAS RI progress here at

1 Wurtsmith. We showed this slide, also, in our RAB  
2 meetings every time so you can kind of get an idea  
3 of where we are. And the colors in the graphic  
4 relate to whether that task is complete, it's  
5 ongoing, or it's to be started.

6 And as you can see here for the RI,  
7 the RI scoping was completed, the UFP QAPP or work  
8 plan has been completed. We are still in the  
9 process of finalizing the risk assessment work plan  
10 that Dave Klein mentioned just a little bit ago.

11 We are in the field data collection  
12 process right now, as most of you are aware. And  
13 then of course, all of that data will feed into the  
14 RI report in the end.

15 As far as the IRAs or interim remedial  
16 actions, that progress at Wurtsmith, again, the  
17 colors mean the same thing; complete, or ongoing, or  
18 to be started.

19 We have completed the scoping, our  
20 proposed plans are complete. The interim records of  
21 decision for both FT002 and Ken Ratliff Park at Van  
22 Etten Lake, both of those are complete. The  
23 remedial designs for both of those IRAs are  
24 complete. And the interim remedial actions are  
25 ongoing, and I'm going to give you a more detailed

1 update on that in a following slide.

2 So, the next slide that we have is a  
3 summary of all of the PFAS actions that have taken  
4 place at Wurtsmith to date. And this slide, I think  
5 is really important. It conveys a lot of  
6 information and I want to spend a few minutes on it,  
7 because I do think it's really important to kind of  
8 let everyone know everything that's happened at  
9 Wurtsmith.

10 And on the left side, we have the  
11 activities broken out into the CERCLA process, the  
12 RI sampling, and those investigation activities,  
13 while the right side of the slide includes the  
14 removal actions, the interim remedial actions, and  
15 some additional IRA data summary.

16 So, you can see on the left for the  
17 CERCLA process and the PA/SI. You can see when the  
18 PA was completed. The SI was done in 2018, the  
19 expanded SI in 2019.

20 And we move on down to where we are  
21 right now, which is the remedial investigation or  
22 RI, which the fieldwork started in 2021.

23 We have a summary for the RI of the  
24 data that we've collected. And it's hard for me to  
25 see that, but, you can see the numbers. We've



1 collected a lot of samples so far since we started  
2 the RI fieldwork, a couple hundred -- over a  
3 thousand soil samples and groundwater samples that  
4 we've collect so far.

5 And then, I have the groundwater info  
6 at the bottom. We've done hydraulic profiling  
7 borings. We've done soil borings. We've done  
8 vertical aquifer sampling across the Base. And then  
9 also at locations, we've sampled existing monitoring  
10 wells, and we've sampled some seeps out there. So,  
11 you can see from all of these bullets and the  
12 numbers that we've collected a lot of data over the  
13 last year.

14 As far as the removal actions, I have  
15 those listed out on the right. Starting out with  
16 FT002, that was the first action that was taken out  
17 there where -- a removal action related to PFAS, and  
18 that was completed in 2015.

19 The CTS groundwater time critical  
20 removal action was completed in 2018, that's the  
21 central treatment system building.

22 We upgraded Mission Street and treated  
23 the discharge water from Mission Street, completed  
24 that in 2019 with a resin system.

25 And then, the FT002 soil time-critical

1 removal action was completed in 2021.

2 So, those interim remediation actions  
3 that we're talking about now -- FT002 at Clark's  
4 Marsh, Van Etten Lake at Ken Ratliff Memorial  
5 Park -- both of those are going to be completed in  
6 2022. And as Steve mentioned earlier, there's a new  
7 IRA that is proposed for the alert aircraft area  
8 that's going to start next year.

9 Then, down at the bottom, I just have  
10 some information data about the IRAs that have been  
11 installed. Number 18, extraction wells for the two  
12 IRAs that are currently ongoing, and all of the  
13 performance monitoring wells we've installed,  
14 because as you can see, again, a lot of activity has  
15 taken place out there, and I'm sure if you guys have  
16 been driving around, you've seen a lot of activity  
17 out there, we've been working. But I just thought  
18 it was really important to kind of give everyone  
19 just a summary of everything that's happened out  
20 there. So, a lot of activity with that system.

21 So, I'm going to give you a brief  
22 update -- yes?

23 UNKNOWN SPEAKER: What is a  
24 piezometer?

25 MS. BOND: A piezometer is -- it's

1       like a small monitoring well that is used to collect  
2       water level data.  So, it's very similar to a  
3       monitoring well, it's just smaller diameter,  
4       typically one inch.

5                       UNKNOWN SPEAKER:  (Inaudible.)

6                       MS. BOND:  Tim, do we want to do  
7       questions, or you want to wait until we're at the  
8       end?

9                       MR. SUELTFUSS:  I would suggest  
10       that, if there is one that's really specific to a  
11       particular slide, then let's address that, but, if  
12       there are others that we can hold until the end of  
13       the presentation, that might be best.

14                      So critical questions about slides,  
15       feel free.  Is there one you'd like to pose?

16                      MEMBER WUSTERBARTH:  (Inaudible) the  
17       previous slide, yes.

18                      MR. SUELTFUSS:  Okay.  Let's go back  
19       then.

20                      MS. BOND:  Sure.

21                      THE COURT REPORTER:  And, Tim, we  
22       cannot hear anyone besides Paula.  Whoever is at the  
23       mic, we can hear.

24                      MS. BOND:  Cathy, I don't think they  
25       can hear you.

1 MR. SUELTFUSS: What we will try to  
2 do -- yeah, please do -- and then as other questions  
3 emerge, we will restate the question and proceed  
4 that way. But Cathy Wusterbarth?

5 MEMBER WUSTERBARTH: So, my question  
6 is -- so you've listed these out. I really  
7 appreciate it. At some point between 2015 and now,  
8 I heard an estimate of about 18 filtration systems  
9 for just this site. We're at about -- between three  
10 and four right now?

11 MS. BOND: Yes.

12 MEMBER WUSTERBARTH: Okay. So, we  
13 still need about 18 to address the entire site; is  
14 that right?

15 MS. BOND: Well, I can say I've heard  
16 that, but, I'm not sure where that number came from,  
17 and I don't know if Steve maybe -- or some of the  
18 legacy folks here have information. I have heard  
19 that before, but I don't have any information on  
20 where that number actually came from. So, I can't  
21 -- sorry I can't answer your question.

22 MEMBER WUSTERBARTH: Okay. The reason  
23 that I bring that up, I just want to put it into  
24 perspective for people. And we really are seven  
25 years into this, and we're still -- have a long way

1 to go, so --

2 MS. BOND: Right.

3 MEMBER WUSTERBARTH: Yeah. Thank you.

4 MS. BOND: No, that's a great  
5 question.

6 CO-CHAIR WILLIS: I'm not sure where  
7 the 18 came from, but the focus of the IRA is just  
8 to try and get some interim treatment in place for  
9 high concentrations of PFAS that are creating  
10 exposures, whether it's going into Van Etten Lake or  
11 down into Clark's Marsh.

12 So, the number may have come from very  
13 early in the process before we started the RI and  
14 had a good understanding. As we're collecting data  
15 and identifying areas where there's high  
16 concentrations of PFAS that are creating exposure  
17 hazards for -- primarily for public health, but also  
18 for the environment, that we're looking at those  
19 areas for IRAs.

20 So, whether the number would actually  
21 be 18, I couldn't tell you at this point. As we  
22 continue to collect the data and identify areas of  
23 need in the IRA, we'll do that long-term CERCLA  
24 process, as we saw in the previous slide. We'll do  
25 a feasibility study, we'll look at all of the data

1 that's been collected not only in the RI, but the SI  
2 and the ESI as well, and identify the areas that  
3 require some type of remediation.

4 We'll also include the risk assessment  
5 in that process, and identify permanent, long-term  
6 solutions which will, in all likelihood, take  
7 advantage of the existing treatment systems and  
8 expand on those where necessary to put in permanent  
9 remediation to address the PFAS.

10 MS. BOND: Any other questions on this  
11 slide? I know there's a lot of information there.

12 MEMBER WINN: I have one. My question  
13 is, is you sampled 120 existing wells. Where are  
14 the wells?

15 MS. BOND: There are wells that are  
16 across the Base.

17 MEMBER WINN: Okay. So, they're --  
18 are they exposed to monitoring wells?

19 MS. BOND: Some of them -- well, not  
20 all of them are on the Base. Some of those 120 are  
21 in Clark's Marsh, some existing wells, but they're  
22 all related to other sites, or other IRA sites that  
23 are on the Base. But Clark's Marsh is not within  
24 the Base. Yeah. So, Clark's Marsh is outside of  
25 that.

1 MEMBER WINN: Okay.

2 CO-CHAIR WILLIS: These are all  
3 existing wells from the legacy contaminants.

4 MS. BOND: Yeah. So, we have a lot of  
5 existing wells at Wurtsmith. Over the years, there  
6 have been hundreds of wells installed out there.  
7 So, we wanted to use what was available to us as  
8 much as possible without having to install new ones,  
9 so --

10 All right. Just another summary of  
11 the RI. Remedial investigation began in July of  
12 2021, like I mentioned a little bit earlier.

13 We had performed investigations across  
14 the former installation and downgraded it off-Base  
15 to areas to the south of Van Etten Creek. So, we're  
16 continuing to expand our investigation area and  
17 we're looking at other areas on Base. We're not  
18 quite complete with that yet. And the investigation  
19 will continue until the groundwater plans are  
20 delineated, that's the RI.

21 And then, the investigation will  
22 continue into next year, and includes some areas  
23 east of Van Etten Lake, and we will get an addendum  
24 to the work plan, or the UFP QAPP at that time once  
25 we develop the scope to do that.

1                   So, we're going to continue the  
2 investigation. We're not finished yet, like I said.  
3 We're going into -- that will continue into next  
4 year. We have some more work to do also down in  
5 Clark's Marsh in addition to what we've already  
6 done.

7                   MEMBER WINN: A couple of questions I  
8 have to this. You say investigation will continue  
9 of groundwater plumes are delineated.

10                  MS. BOND: Correct.

11                  MEMBER WINN: The current schedule  
12 shows that the RI is to be complete by 2023. What  
13 if this -- what if this investigation goes beyond  
14 that?

15                  MS. BOND: All of the decisions that  
16 we make are data-driven. So, as long as the data --  
17 as we continue to collect data, the decisions that  
18 need to be made to collect additional data, we will  
19 do that.

20                  We are anticipating right now what  
21 will be done in 2023. But if the data tells us  
22 there's additional work to be done, then that will  
23 take place.

24                  MEMBER WINN: Same question,  
25 actually --



1 MR. SUELTFUSS: Speak up a little  
2 bit. Go ahead.

3 MEMBER WINN: The east side of Van  
4 Etten Lake, the addendum, when will that addendum be  
5 developed into the RI plan?

6 MS. BOND: Based on the data that we  
7 have right now, we are working with the Air Force to  
8 develop the best path forward with that working with  
9 EGLE, and how we're going to accomplish that. So,  
10 that will probably be some time next year, and I'll  
11 let Steve add.

12 CO-CHAIR WILLIS: Our plan is to work  
13 on the paperwork aspect of it, getting the addendum  
14 written, reviewed by EGLE, approved, and in place so  
15 that next year, when field season starts, we're  
16 ready to go and implement that.

17 MR. SUELTFUSS: And, Quentina, let  
18 me just check in to see if you were able to hear  
19 that comment from Steven Willis just now?

20 THE COURT REPORTER: Yes. He's loud  
21 and clear, thank you.

22 MR. SUELTFUSS: Okay. Thank you.  
23 If you have a question, come on up.

24 MEMBER LERICHE: Thank you. On the  
25 second bill, the investigation across installation

1 south of the Base. My question falls around the  
2 topic of what criteria are you now using to plan?  
3 How far and what criteria of sampling are you going  
4 to be using? And I just want to add that two weeks  
5 ago, John Gillespie, the subject matter expert for  
6 (indecipherable) stated, I believe, half of the  
7 criteria he wants to see the inflows go beyond half  
8 of the groundwater criteria by state, but right now  
9 it's 8 parts per trillion for PFOA, so he's saying  
10 he wants to see them hit four, keep going until it's  
11 four. Is that right? Did you hear that? That's  
12 what I heard John say. Wondering what criteria are  
13 you -- your team using to tell you how far you've  
14 got to go?

15 MS. BOND: Right now, we are using the  
16 EGLE criteria. Just like you said, PFOA is 8, PFAS  
17 is 16, and there's a couple other ones in there.  
18 But that's the criteria that we're currently using.

19 Our detection limits for PFAS and PFOA  
20 right now are running around 4 nanograms per liter,  
21 so once you get to 8, the difference down to 4 is  
22 obviously not a huge jump, so -- but we're using 8  
23 at this point for PFOA and 16 for PFAS.

24 CO-CHAIR WILLIS: And those are  
25 spelled out in the QAPP?

1 MS. BOND: Yes.

2 CO-CHAIR WILLIS: They are written in  
3 our plan that those are the values we're using for  
4 step-outs.

5 UNKNOWN SPEAKER: Since the QAPP was  
6 written, the EPA, on July 15th or June 15th came up  
7 with new assessment numbers, and that is essentially  
8 non-detect. Is the Air Force incorporating that  
9 into this plan and following the plume to the  
10 non-detect edge?

11 MS. BOND: I'll let Steve answer.

12 CO-CHAIR WILLIS: Yeah. So the --  
13 those EPA numbers were interim numbers, and they are  
14 not enforceable. They're advisory numbers. So at  
15 this point in time, we are not using them. We are  
16 continuing to use the EGLE values that have been  
17 promulgated.

18 MS. BOND: All right. Okay. So,  
19 let's talk a little bit now about the interim  
20 remedial actions that have been conducted out there.  
21 And Ben stole a little bit of my thunder a while  
22 ago, thanks again.

23 We are very excited to announce that  
24 the FT002 at Clark's Marsh treatment system is up  
25 and running. And it has been for over 24 hours now,

1 almost a day and a half, and we have treated already  
2 over 270,000 gallons of water from that system. So,  
3 I think that's really all we need to say here. This  
4 one is up and running, we're very excited about it.

5 And if anybody has any questions on  
6 FT002 at Clark's Marsh, I'd be happy to answer your  
7 questions on that. But we finally got this one  
8 turned on and we're very excited. So, any questions  
9 on that one? Ahead of schedule, Dave, by the way.

10 So, the IRA at Ken Ratliff Memorial  
11 Park at Van Etten Lake, this one is still in  
12 construction. It will follow FT002 by a few weeks.  
13 The building has been constructed, and I think if  
14 anybody has been around there, you can see that. We  
15 are still working on doing some underground piping  
16 work out there and getting the final electrical, the  
17 mechanical, inside the building. So, we have got a  
18 couple of weeks left, and then I think we'll be  
19 ready to start our testing period. And have this  
20 one turned on, we're looking, right now, the middle  
21 of September to have this one up and running, so --  
22 any questions on this one?

23 We're getting real close, so we're  
24 excited. Question, Mark? Oh, sorry. I thought you  
25 raised your hand.

1 All right. So, just a quick summary  
2 of the project schedule timeline. So, this is the  
3 same one that we show at every RAB meeting just to  
4 give everyone an idea kind of where we are. And so  
5 as -- oops.

6 So, we started the IRA for FT002 back  
7 last October. So we're going to (inaudible) start  
8 wrapping up now in August. Van Etten Lake is  
9 started in March, wrapping that one up in September.  
10 And like I mentioned earlier that we're going to be  
11 continuing RI fieldwork through November of next  
12 year.

13 Any questions on the schedule?

14 MEMBER WINN: I do have one question.  
15 This -- the -- this information here, the timeline,  
16 is based on the two IRAs. And currently they're  
17 going to have the pilot study and additional IRA for  
18 the (inaudible) and some of the other stuff. Is  
19 this going to be expanded at that -- that  
20 information?

21 CO-CHAIR WILLIS: Yes. We can add  
22 those to the timeline.

23 MEMBER WINN: Okay.

24 MS. BOND: And that is the end of my  
25 briefing. If anybody has any questions, I'd be more

1 than happy to answer them.

2 Yes? Sorry everybody has to get up.

3 MEMBER GAINES: I appreciate the  
4 numbers that you've shown. In the past, you've  
5 shown us locations for the wells and so on. There  
6 was some relationship to the charts that we see out  
7 there that show plumes. There's a lot of unknown  
8 stuff in those plumes. Could we expect some time to  
9 see your sampling locations, and how those are  
10 expanded to define the edges of the areas? And that  
11 in particular comes to my mind I see at the  
12 southwest end of the runway Allen Lake, as long as  
13 I've been a part of the RAB, there's been a do not  
14 eat fish advisory in Allen Lake. That means that  
15 PFAS/PFOA, with apparently common sense must have  
16 come from AFFF or some Air Force action that is out  
17 in that area, but, I see nothing in those pictures  
18 that indicates plumes of that level.

19 We were assured, years ago, that you  
20 would keep expanding your investigation until you  
21 found the end of your plume, but, data that you  
22 have, bio mass that is adversely affected, and yet  
23 it doesn't seem to relate to what we see.

24 Could you answer how we could expect  
25 to see that addressed some place in the future in

1 your plan?

2 MS. BOND: Yeah. And I will start by  
3 saying, in some of those investigation areas that  
4 are on the west end of the runway are -- where those  
5 plumes come down, as you see in the maps out here in  
6 the posterior station, are in Clark's Marsh. And we  
7 have just gotten, in the last couple of months,  
8 access to that the property.

9 So, we have not been able yet to go  
10 down there to do some additional investigation south  
11 of that, and then south of the wastewater treatment  
12 plant. So, that's part of the RI, because we just  
13 haven't had a chance to get down there to do that.

14 So, yes, there will be additional work  
15 done over there by that lake and on the western side  
16 of the runway -- or south side of the runway on the  
17 western end.

18 CO-CHAIR WILLIS: That really has  
19 nothing to do with Clark's Marsh. It's west rather  
20 than south.

21 MS. BOND: Right. That's Forest  
22 Service property, sorry. Yeah. So, we have just  
23 gotten access to that in the last couple of months,  
24 so we're trying to plan to get down in there. And  
25 that is very limited, and that's logistically very

1 difficult and complicated, so we're working on the  
2 best way to access those areas down in there for all  
3 of the RI sampling. Actually, we're still working  
4 through that right now.

5 As far as the biological component, so  
6 we're working on the risk assessment work plan right  
7 now, and that has not been finalized. We're still  
8 working with EGLE on that. We're hoping that that  
9 will be final some time next month. And that will  
10 have a lot of information on how we are going to  
11 look a and evaluate that biological data that we're  
12 going to be collecting from around the Base, so --

13 MR. SUELTFUSS: And just to note for  
14 our Court Reporter, that previous question was from  
15 Mr. Bill Gaines. Turning to a question over here,  
16 Steven, you wanted to add to that response?

17 All right. Mark, question from you?

18 CO-CHAIR HENRY: I have a data  
19 question, please. I notice that the Air Force's  
20 schedule appears to be performance monitoring wells  
21 on the lakeside of the IRA for Ratliff Park, that  
22 you have people out there sampling.

23 MS. BOND: Yes.

24 CO-CHAIR HENRY: My question is a  
25 two-part question. At the locations that those



1 wells were installed, was vertical aquifer sampling  
2 performed?

3 MS. BOND: Vertical aquifer sampling  
4 was not performed at the specific locations where  
5 the performance monitoring wells were installed.  
6 The performance monitoring wells were identified  
7 based on information of the other parts of the RI  
8 and other information that we collected for the  
9 IRAs, because those wells are to monitor the  
10 performance of the treatment system, so we did not  
11 do a vertical aquifer sampling for those performance  
12 monitoring. We know those zones that we wanted to  
13 monitor, and that's how we installed -- determined  
14 the depths of those springs for those wells.

15 CO-CHAIR HENRY: And I guess that  
16 negates my second question then.

17 MR. SUELTFUSS: Okay. Arnie?

18 MEMBER LERICHE: Two-part question.  
19 One of them regarding the sampling -- new sampling  
20 of Clark's Marsh and all of the approvals that you  
21 need. Can you tell us how much you reviewed the  
22 State data over the last seven years, eight years?  
23 And is there any data that is there, sampling data  
24 that they've collected, that can inform you of  
25 something ahead of time rather than wait? That's

1 the question.

2 MS. BOND: Yes. And when we developed  
3 the UFP QAPP or the work plan, we looked at the data  
4 that the State had available; the groundwater data  
5 that they collected, the monitoring wells that they  
6 installed on the Clark's Marsh, the surface water  
7 data that they collected. So, all of that data went  
8 into developing the plan for the RI procedure for  
9 Clark's Marsh. So yes, we did look at that data.

10 MEMBER LERICHE: The other question is  
11 to Steve. I appreciate the answer you gave to  
12 someone's question -- I think it was David's --  
13 regarding the schedule and does the schedule allow  
14 for you to look at new IRAs, interim remedial  
15 actions, and you said it does, if I heard you  
16 correctly.

17 CO-CHAIR WILLIS: If we're talking  
18 about the alert aircraft alert area IRA, yes, we can  
19 add that to the schedule.

20 MEMBER LERICHE: Okay. How about the  
21 budget? Are you also working on a budget to pay for  
22 some of those new IRAs?

23 CO-CHAIR WILLIS: We have the money to  
24 pay for that IRA. We should have a contract awarded  
25 for that new IRA this fiscal year. So, yes, funding

1 is not an issue.

2 MEMBER LERICHE: You have already  
3 estimated one or two additional IRAs that we know  
4 nothing about.

5 CO-CHAIR WILLIS: No. I'm  
6 specifically talking about alert aircraft area IRA.  
7 Beyond that, not sure what we've got programmed.

8 MEMBER LERICHE: Okay. Because what's  
9 the lead time for budget regarding in a no contract  
10 sign for a nine-month delay? I'm thinking that was  
11 budget-related. So --

12 CO-CHAIR WILLIS: The delay with the  
13 RI is not budget-driven. It's contract-related.  
14 Funding has not been an issue. There's actually  
15 money programmed for two years, a large sum of money  
16 for additional IRAs for Wurtsmith in 2024. At this  
17 point, we need to finish collecting the RI data,  
18 identify if there's needs for that funding, and then  
19 put those in place.

20 MR. SUELTFUSS: Mr. David Winn has a  
21 number of questions. David, if you'd like to  
22 address those?

23 MEMBER WINN: Yeah, unless you want to  
24 do that after the break.

25 MR. SUELTFUSS: Yeah, that's a good

1 point. So, we are nearing the time that we had set  
2 aside for the break. After the break, we have quite  
3 a bit of time set aside just for RAB member  
4 questions. So, we'll continue that effort.

5 Let me just ask if there are any  
6 questions very specific to this presentation that we  
7 should address in the next few minutes before we  
8 take a break?

9 Well, it's 6:15 now. Let's come back  
10 at 6:25.

11 (Off the record at 6:16 p.m.)

12 (Back on the record at 6:28 p.m.)

13 MR. SUELTFUSS: For RAB members, let  
14 me invite you to use that (indecipherable) voice,  
15 your high school theater tryouts, so really project  
16 towards the closest of the desktop microphones.  
17 That should work as long as we speak clearly and  
18 loudly (inaudible.)

19 Quentina, quick sound check, are you  
20 able to hear me?

21 THE COURT REPORTER: Yes, thank you.

22 MR. SUELTFUSS: All right. So  
23 again, we have made it through the technical  
24 presentation. The majority of the time that we have  
25 remaining until around 8:00 or so is for RAB

1 members' questions, and then for some public  
2 comments as well. And so really just want to engage  
3 in any discussion that the RAB members have.

4 After we do that for a period of time,  
5 we'll invite those who do not happen to be RAB  
6 members to make public comments as well. But for  
7 right now, let's engage in some discussion with the  
8 RAB members.

9 David Winn, would you mind asking the  
10 first question? I see you have a list. Yeah.

11 So, we have David Winn who is going to  
12 kick us off. David is going to ask his first  
13 question. Quentina, I'm going to then turn to you  
14 and just confirm that you are able to hear that  
15 question, and then proceed from there, and see if we  
16 can make the desktop mics work.

17 Go ahead, David.

18 MEMBER WINN: Based on a pre-RAB  
19 meeting that we had with the Community RAB members  
20 approximately a week ago, we sat and put together a  
21 list of questions that we had that we wanted to  
22 address.

23 And one of the first questions is, is  
24 that the -- initially, when we put -- we sent you a  
25 preliminary list that said that there were certain

1 things that we'd like to have added to the agenda,  
2 and one of those was the RI data, okay? And we were  
3 told that the RI data at that point -- based on the  
4 response from you, the IR data was not available.

5 My main question here is that we -- in  
6 the past, we requested the technical review of  
7 current RI data in the CSM. When Catharine Varley  
8 was here, that was never an issue. And now when we  
9 ask for technical review, your response was -- is  
10 that it wouldn't be available until February or May  
11 of next year, okay? Because the RI data wasn't  
12 going to be available.

13 Well, if the RI data is available,  
14 then I'd like to understand why we can't have the  
15 technical review with the data and the CSM before --  
16 not -- now, versus six months.

17 MR. SUELTFUSS: Quentina, before we  
18 respond to that, let me just check in. Quentina,  
19 were you able to hear that question from David?

20 THE COURT REPORTER: Loud and clear,  
21 thank you.

22 MR. SUELTFUSS: Go ahead.

23 CO-CHAIR WILLIS: So, I talked to Mark  
24 Henry at lunch today. We are going to have a  
25 technical session before the November RAB, and we

1 will present an updated CSM with all the data that's  
2 been collected to date. We actually have -- as  
3 Paula mentioned, we've got some sampling down in  
4 Clark's Marsh that will be done late this fall.  
5 We're still working through the logistics to get  
6 down there and get that sampling done.

7 Potential -- there's a few data points  
8 down there that won't be included in that updated  
9 CSM, but everything else that we've collected,  
10 including the stuff in the updated CSM, can provide  
11 that data. It'd be an afternoon session prior to  
12 the member RAB.

13 MEMBER WINN: Thank you.

14 MR. SUELTFUSS: Do you have another?

15 MEMBER WINN: Yeah, I have multiple  
16 questions.

17 The second question that I have is  
18 that the RI work plan, okay, right now, there's  
19 approximately -- as I understand, EGLE submitted  
20 their comments. There's approximately 186  
21 unresolved comments. And based on a letter that was  
22 sent from EGLE to you, Steve, on May the 26th, it  
23 says that they have concerns about -- the RI will  
24 not characterize the source of PFAS contamination,  
25 and determine the nature and extent of the

1           contamination is required by the DERP.

2                       My question is -- is, how can you guys  
3 proceed with the RI when you have approximately 186  
4 unresolved comments that EGLE has concerns about  
5 that are not being addressed?

6                       CO-CHAIR WILLIS: So, we're in the  
7 process of working with EGLE to work through that  
8 list. On that list is sampling on the east side of  
9 Van Etten Lake as well as the east side of Van Etten  
10 Creek. The Air Force does intend to sample those  
11 areas.

12                      There's a few other items on that list  
13 that we've already worked with EGLE and agreed to  
14 sample in those locations, and we're working on the  
15 actual implementation of that. We'll sit down with  
16 EGLE with our proposed sample locations, get by and  
17 make adjustments if we need to, and then proceed  
18 with that work.

19                      So, we are continuing to work with  
20 them to address the concerns in that letter. We are  
21 going to provide an interim response, just because  
22 it is a fairly lengthy list. We can't definitively  
23 say at this point yes, we can take care of all of  
24 this, or no, we can't. We're working through it.

25                      As Paula indicated, the RI is



1 data-driven, and so as we're collecting additional  
2 data, we're able to address EGLE's concerns. And so  
3 we'll continue to do that until we either come to a  
4 point where we're going to have to agree to  
5 disagree, or we can resolve all of the concerns.

6 MR. SUELTFUSS: Okay. And if I  
7 could jump in, Mr. Palmer, do you want to add  
8 anything to that response?

9 MR. PALMER: No, not really. I think  
10 that's accurate. We're going to be working with the  
11 Air Force in trying to work through those items on  
12 that list. So, our understanding is that, yes,  
13 we'll be engaging in that, on those items.

14 MR. SUELTFUSS: If we could turn to  
15 another question from David Winn, and then after  
16 that, I'll see if other RAB members have questions  
17 and then we'll come back if we have some time  
18 available.

19 David?

20 MEMBER WINN: Okay. My next question  
21 is -- it pertains to the risk assessment plan. You  
22 guys have put together a preliminary risk assessment  
23 plan. You have given a copy to EGLE and reviewed  
24 it, but yet the community is not able to see what  
25 that risk assessment plan is. Why?

1 CO-CHAIR WILLIS: Currently, under the  
2 CERCLA process, documents that are made available  
3 for public review and comment are the proposed plan,  
4 which would be -- define the remedy that's been  
5 selected, make public comment, incorporate that, and  
6 then in the ROD, we actually define the final  
7 remedy. CERCLA process does not have provisions for  
8 public comment on documents prior to that point in  
9 the CERCLA process. So, we have been following that  
10 at this point in time.

11 MR. SUELTENFUSS: Thank you. Again,  
12 we'll come back to -- I think you have a few other  
13 questions. Let me invite the other RAB members who  
14 might have questions. We'll start with those who  
15 are here in person.

16 Any other questions from the RAB  
17 members?

18 Yes, Mr. Maxwell?

19 MEMBER MAXWELL: One of the questions,  
20 north of Harrisville, there's an old tank farm that  
21 the Air Force used, is there any studies being done,  
22 or have been done, to indicate whether there was  
23 contamination there as well? Did they start -- I'm  
24 sure they did. Did they start the PFAS up there to  
25 put out any possible fires since it was an Air Force

1 facility and tanks full of fuel?

2 CO-CHAIR WILLIS: I'm not familiar  
3 with that site, but I'll look into it.

4 MR. SUELTFUSS: That question being  
5 from Mr. Maxwell. Thank you very much, Mr. Maxwell.  
6 Do you have any other questions?

7 MEMBER MAXWELL: Not at this point.

8 MR. SUELTFUSS: Any other RAB  
9 members in person who might have questions?  
10 Arnie Leriche?

11 MEMBER LERICHE: Regarding your  
12 response, Steven, I appreciate it, and also David  
13 Klein, your response. It's a lot of work to go  
14 through all of these comments and everything, but,  
15 we have not talked about the elephant in the room,  
16 and that is while you're working through that -- and  
17 you've been working now for over a year on some of  
18 these -- the public is not seeing anything unless  
19 you bring it to us in some kind of technical  
20 session.

21 You give us the presentation. Not the  
22 actual data in the report, but, you give us the  
23 presentation of the criteria that you're using to --  
24 and the areas that you're investigating, or you  
25 probably will investigate for the risk assessment

1 plan. And so the risk assessment -- the risk  
2 assessment and human risk assessment metrics, which  
3 is a best practice by EPA, I understand it's in the  
4 QAPP, Paula told me. I still haven't found it, and  
5 I still don't know why the Air Force can't give us a  
6 technical presentation of that as soon as possible.

7 CO-CHAIR WILLIS: So, we did have a  
8 technical session on the ecological risk assessment  
9 prior to the November RAB meeting. We brought two  
10 ecological risk assessors in and did that.

11 As far as the plans go for the  
12 ecological risk assessment, as soon as those are  
13 finalized, they'll be posted to the record and be  
14 available for you to look at. So, those documents  
15 are still at work at this point, and will be made  
16 available and finalized.

17 MEMBER LERICHE: Okay.

18 MR. SUELTENFUSS: One thing to note  
19 also. During the break, I mentioned to the RAB  
20 members -- I was trying to make sure microphones  
21 were working, and I may have missed a few action  
22 items that were mentioned in a previous discussion.

23 So, I'd like to invite the RAB members  
24 -- those that are in person and those who are  
25 connected remotely, if you have followup action

1 items that you'd like the Co-Chairs to consider in  
2 their Co-Chair meeting that occurs a couple weeks  
3 after this. Please do send those my way, I'll  
4 consolidate those and share those with the  
5 Co-Chairs. Also Catherine here, but I have to make  
6 sure we capture them in your words as well.

7 Okay. So, before turning to the RAB  
8 members who are on the phone virtually, any other  
9 questions here?

10 Mark?

11 CO-CHAIR HENRY: If you can put up on  
12 the screen the map of (inaudible). Okay.  
13 (Inaudible) ranges about right here. And there's a  
14 plume -- I believe it's a TCU plume -- that  
15 originates about right here, and it travels across  
16 the runway, and discharges into Clark's Marsh about  
17 there.

18 Back in -- let me guess -- 2010, 2009,  
19 the Air Force installed a passive treatment system  
20 here where they injected emulsified vegetable oil to  
21 the groundwater to help break down the contamination  
22 before it gets to Clark's Marsh.

23 Since that time, the Air Force has put  
24 in a treatment system where they have a bunch of  
25 pumping wells along here.

1           And my question is, does the operation  
2 of this fire training area pumping system, as it  
3 diverted the plume, which was straight as an arrow  
4 to here, and as that center of mass moved off to the  
5 east such that the passive treatment system, it is  
6 working or not working?

7           It didn't -- it wouldn't take much,  
8 maybe a five or ten-degree shift in the direction of  
9 groundwater in that area for that plume to  
10 completely miss the treatment system, because it's a  
11 very narrow treatment system. The plume was very  
12 well behaved before the Air Force started pumping a  
13 lot of groundwater.

14           So, I would like that question  
15 answered. Before other risk assessments are done  
16 for that plume or other things, has the Air Force  
17 and the State agreed that the center of mass of that  
18 plume has not migrated to a location where it is no  
19 longer being treated?

20           CO-CHAIR WILLIS: So, based on our  
21 conversation at lunch, I did some preliminary checks  
22 on that. And the indications are that the inflow  
23 from the FT002 have not impacted that plume, but, I  
24 will do further research on it. Let's go ahead and  
25 make that as a formal action item and I'll get you a

1 formal response.

2 MR. SUELTENFUSS: Okay. Let me just  
3 check in with those RAB members who are on the --  
4 connected virtually over the phone. Do you have  
5 questions? Any items, comments, or questions from  
6 the RAB members who are connected virtually?

7 Okay. Let's go to Cathy Wusterbarth.

8 MEMBER WUSTERBARTH: Earlier in the  
9 meeting, you had mentioned that there was going to  
10 be some work done looking at potential other sources  
11 of PFAS, other than the AFFF, and I'm wondering if  
12 you can share with me the rationale for looking for  
13 those, and what the other suspected sources might  
14 be.

15 CO-CHAIR WILLIS: I couldn't  
16 necessarily identify suspected sources. We know  
17 that PFAS is ubiquitous, it's in fast food wrappers,  
18 it's in all kinds of stuff. So, various industrial  
19 processes that were used at Wurtsmith in the past  
20 may also have contributed PFAS. So, we're going  
21 back and looking at that.

22 MEMBER WUSTERBARTH: Okay. Thank you.  
23 I have another question. At the Senate hearing,  
24 there were some representatives from a company  
25 called Battelle, and they were talking about a

1 technology called Incinerator and -- the  
2 Annihilator, sorry -- and I'm wondering about any  
3 timelines in terms of their -- the work that they're  
4 going to be doing or the technology that could be  
5 discussed here.

6 CO-CHAIR WILLIS: So, they retained a  
7 couple of other companies on an ESTCP demonstration  
8 project for that technology. And I can never  
9 remember the acronyms, so if you've got your acronym  
10 list handy, it's the Environmental Security  
11 Technology Certification Program. And -- excuse me.  
12 Like I said, they've got that as a demonstration  
13 project that's funded under this ESTCP.

14 My understanding is that they have a  
15 -- they made it through the first gate of that  
16 process, and they have an interview in the next week  
17 or two to get funding to do the actual full field  
18 demonstration on that technology.

19 MEMBER WUSTERBARTH: Thank you.

20 MR. SUELTFUSS: Let me check in  
21 again.

22 Go ahead, sir.

23 MEMBER GAINES: Over the years,  
24 starting in the '80s, we started pumping for  
25 (inaudible), volatile compounds, organics and so on,



1 and that went through the Mission Street and all of  
2 the treatment systems, the effluent from that went  
3 into the various stormwater treatment systems. And  
4 of course, at that time, there wasn't any treatment  
5 system for PFAS, any of the elements in that. So  
6 for years, water that was laden with PFAS was pumped  
7 out of the ground through those stormwater treatment  
8 plants.

9 Has any plan been made to look at the  
10 internals of those storm sewers to know what might  
11 have stuck from years and years of polluted water  
12 going through them? And if so, what that might be,  
13 and clarify that in your plans.

14 CO-CHAIR WILLIS: We actually do have  
15 that implanted from our QAPP for RI to do stormwater  
16 sewer sampling. It's work that hasn't been done  
17 yet. It is in our plan and moving on next year,  
18 absolutely.

19 MR. SUELTFUSS: Okay. Another  
20 question from Mr. Gaines, and QAPP, Quality  
21 Assurance Project Plan, for the RI which is remedial  
22 investigation. Yes, sir. Go ahead.

23 CO-CHAIR HENRY: I have a followup  
24 question to Bill's question. Does that work  
25 proposed in the RI work plan include testing at the

1 end of the pipe, or the central treatment plant at  
2 Van Etten Creek?

3 And the question arises from the  
4 potential where you have a central treatment system  
5 that is discharging a very low concentration of  
6 PFAS, either non-detectable or below your  
7 requirements.

8 But is any more testing being done at  
9 the end of the pipe to see if that water that was  
10 basically clean is actually picking up  
11 contamination, legacy contamination, PFAS  
12 contamination with much higher concentrations than  
13 previous?

14 CO-CHAIR WILLIS: Paula, help me here.  
15 I don't believe we've got that specific aspect in  
16 the plan.

17 MS. BOND: So, we were collecting  
18 samples from Van Etten Creek, which is where the  
19 significant systems of water discharges to. So, we  
20 are collecting samples up and down-gradient of that  
21 discharge, yes.

22 CO-CHAIR HENRY: May I recommend that  
23 you actually take a sample of that discharge to show  
24 if the reutilization of that storm sewer is actually  
25 bringing legacy contamination into Van Etten Creek?

1 Because once it gets into the creek, it gets diluted  
2 extremely.

3 MS. BOND: Right. And we know the  
4 discharge from the CTS, we do sample the discharge  
5 before it actually goes into the storm sewer, yeah.

6 CO-CHAIR HENRY: Well, if you have a  
7 contaminated pipe that could leech out material and  
8 re-contaminate that water, it'd be very good to  
9 know.

10 CO-CHAIR WILLIS: Yes, that's  
11 something we can look at.

12 CO-CHAIR HENRY: Thank you.

13 MR. SUELTFUSS: All right. Yes,  
14 sir, Arnie Leriche?

15 MEMBER LERICHE: Has EGLE raised this  
16 issue about end of pipe? Because either the State  
17 sampled it five years ago, or the Air Force was.  
18 Someone was sampling that pipe, at the end.

19 UNIDENTIFIED SPEAKER: Yeah, I think  
20 we collected some data from that, but I'm not  
21 familiar with the details, so we can go back and  
22 look and let you know, but, we've been concerned  
23 about the discharge from the pipes draining out  
24 (inaudible).

25 MEMBER LERICHE: What is the last

1 thing you said?

2 UNKNOWN SPEAKER: I said we've been  
3 concerned with that, you know, pipe. But I don't  
4 know the details, personally.

5 MEMBER LERICHE: But the State has  
6 not, in the meantime, sampled on some frequency?

7 UNKNOWN SPEAKER: Not on a regular  
8 basis.

9 MEMBER LERICHE: Out of your own  
10 pocket? You can't do it just out of your own  
11 (inaudible.)

12 UNKNOWN SPEAKER: Correct. Not on a  
13 regular basis.

14 MR. SUELTENFUSS: Let me just pause  
15 and check in with our RAB members who have joined  
16 virtually. Any questions that you have? And any  
17 raised hands that you see?

18 Okay. We will continue along here.

19 MEMBER GAINES: Just a comment. On  
20 Mission Street treatment plant discharges to a  
21 different location, that will also be a candidate  
22 for the same sampling, please.

23 CO-CHAIR WILLIS: Yes, you're correct.

24 MR. SUELTENFUSS: Okay. Just to  
25 follow up again, Greg Schulz and Rex Vaughn,

1 anything that you'd like to add in?

2 MEMBER VAUGHN: This is Rex. I don't  
3 have anything to add at this time. Thank you.

4 MR. SUELTFUSS: Okay.

5 MR. SCHULZ: Nor do I. Greg Schulz.

6 MR. SUELTFUSS: Thanks, Greg. Okay.

7 Let's turn back here.

8 MEMBER WINN: Another question I had  
9 is the BCT meeting minutes. I understand there was  
10 a BCT meeting in May. Do you have -- EGLE got  
11 minutes, but none of the Community RAB received any  
12 minutes.

13 And as we also understand, based on  
14 the Senate hearing on August the 1st from the Deputy  
15 Assistant Director is that BCT meetings are  
16 supposedly supposed to be summarized in the RAB  
17 meetings. Is that something that you guys are going  
18 to be doing going forward?

19 CO-CHAIR WILLIS: The minutes are  
20 supposed to be distributed to you. If I didn't get  
21 you the May meeting minutes, then I'll do that. I  
22 apologize for that. We can summarize those meeting  
23 minutes in this forum if that's something you  
24 desire.

25 MEMBER WINN: It's not us. We were

1 told that, according to the Deputy Assistant  
2 Director of the Air Force, is that that's being done  
3 already.

4 CO-CHAIR WILLIS: Okay.

5 MEMBER WINN: So, yeah, I guess we  
6 would like to. If it's something that you guys can  
7 produce, we'd appreciate it.

8 CO-CHAIR WILLIS: Sure.

9 MR. CUMMINGS: Steve, that actually  
10 has never been occurred since the township was  
11 basically asked to stop attending the BCT meetings.  
12 So, there's been no summary like this at all.

13 This is why we normally keep a list of  
14 questions. When people were providing their  
15 updates, I think it was Cathy that pointed out that  
16 this is one of the concerns that we keep bringing to  
17 the Air Force, because it is actually affecting the  
18 transparency feeling between the Air Force and the  
19 community. We don't know what's going on in there  
20 and we don't have any read out.

21 CO-CHAIR WILLIS: I know I've shared  
22 at least two of the BCT meeting minutes since I've  
23 taken over as the BRAC environmental coordinator  
24 after Dr. Varley left.

25 MR. CUMMINGS: To whom?

1 CO-CHAIR WILLIS: I e-mailed them to  
2 the RAB members.

3 MR. CUMMINGS: Everyone here?

4 CO-CHAIR WILLIS: Yes.

5 MR. CUMMINGS: Because he's saying he  
6 didn't get it.

7 UNKNOWN SPEAKER: The meeting minutes  
8 were not distributed --

9 (Multiple speakers.)

10 MR. SUELTFUSS: Let me jump back  
11 real quick. We have one Court Reporter, and she can  
12 capture everything any of us say, but she can't  
13 capture everything all at once.

14 Steve Willis, go ahead.

15 CO-CHAIR WILLIS: I have shared  
16 previous BCT meeting minutes. I may have failed to  
17 send out the May ones, and I'll get those out as  
18 soon as I get the opportunity.

19 MR. CUMMINGS: Thank you.

20 MR. SUELTFUSS: And Mr. Cummings,  
21 your comment about that key element of transparency  
22 and communication (inaudible).

23 MR. CUMMINGS: Yeah, because there is  
24 no township (inaudible) participation at the BCT  
25 meetings, and there hasn't been for several years.

1 MR. SUELTFUSS: Okay. Mr. Henry?

2 CO-CHAIR HENRY: Not a question, but a  
3 comment. If, at the RAB meetings, if the summary of  
4 the BCT meeting has not been prepared and reviewed  
5 by all the agencies, you could still give a verbal  
6 report of what transpired at the latest BCT meeting,  
7 and I think everyone would benefit.

8 MR. SUELTFUSS: Thank you very much.  
9 All right. Any other questions that the RAB members  
10 have? Cathy Wusterbarth?

11 MEMBER WUSTERBARTH: I want to circle  
12 back to the waste water treatment plant facility,  
13 structure. And I understand that Mark Henry  
14 presented some information to both EGLE and to the  
15 U.S. Air Force, and I'd like to hear some thoughts  
16 on that part of the presentation that they heard;  
17 any decision, any comments about that presentation  
18 that Mark referred to.

19 CO-CHAIR WILLIS: From the Air Force  
20 perspective, it's been months ago, and I honestly  
21 don't recall the specifics of his presentation, but  
22 I can relook at that.

23 MR. BAUER: And I'm assuming that  
24 you're referring to -- this is Charlie Bauer from  
25 Water Resources Division, EGLE. I'm assuming you're



1 referring to the presentation where Mark was talking  
2 about potential movement of plume based on the  
3 discharge from the wastewater treatment plant to the  
4 groundwater there. Is that what you're talking  
5 about?

6 MEMBER WUSTERBARTH: That's right.

7 MR. BAUER: Yeah. So, we have looked  
8 at that. Actually, we have looked at what cost  
9 options might be for what a surface water discharge  
10 would be if you changed that up, and you provided  
11 that to the township, I believe.

12 So, it's -- it's very expensive to  
13 change that up. It's certainly something that can  
14 be looked at, but in terms of whether or not it is  
15 having an impact on the plume, we have not evaluated  
16 that at this point.

17 MEMBER WUSTERBARTH: I'm sorry, this  
18 is Cathy again. I missed that last sentence.

19 MR. BAUER: Yeah, I just said we have  
20 -- in terms of the potential impact of that  
21 discharge on the plume, we have not evaluated that  
22 at this point.

23 MR. SUELTFUSS: That was Charlie  
24 Bauer, Water Resource Division of Michigan EGLE.

25 MEMBER WUSTERBARTH: Thank you.

1 MR. BAUER: You're welcome.

2 MR. SUELTENFUSS: Paula, any followup  
3 questions?

4 All right. Come back here, we have a  
5 few more questions from David Winn, but let me just  
6 check in on those RAB members that are on the line.  
7 Do you have any questions you want to add?

8 With that, David Winn.

9 MEMBER WINN: I have one last  
10 question. Steve, you mentioned the pilot study for  
11 the Three Pipes Ditch. The question I guess I have  
12 is -- and I guess I'd like Mark's input on this --  
13 is that there is a four-foot pipe that drains into  
14 the Three Pipes ditch that has a high PFAS  
15 concentration, and I'm wondering, with this pilot  
16 study, if you're going to be looking at that  
17 four-foot pipe as well as the Three Pipes Ditch as  
18 well.

19 CO-CHAIR WILLIS: So, the pipe you're  
20 talking about actually goes into an oil-water  
21 separator, and then comes out of that oil-water  
22 separator and into the Three Pipes Ditch, and yes,  
23 we are looking -- our pilot study is downstream of  
24 that. It will address that PFAS in the surface  
25 water.

1 MEMBER WINN: Okay. Thank you.

2 MR. SUELTENFUSS: Other questions from  
3 the RAB members that are here? Mark Henry?

4 CO-CHAIR HENRY: I understand that by  
5 the end of this month, the EPA is going to identify  
6 PFOS and PFOA as hazardous substances under CERCLA,  
7 but they have not been identified as such before,  
8 and I think under the new EPA roadmap with PFAS,  
9 that is one of their goals. And I was going to ask  
10 the Air Force, what effect, having those as listed  
11 waste, is going to be on the RI and RA process?

12 MS. VRISENGA: This is Sharon Vrisenga  
13 for the Air Force. I'm an attorney that assists  
14 AFCEC.

15 We don't know if or when that's  
16 actually going to happen, about them becoming CERCLA  
17 hazardous substances. I don't see any impact on the  
18 RI. The Air Force has already been investigating  
19 them as CERCLA pollutants or contaminants. So, it  
20 should not affect the RI at all.

21 MR. SUELTENFUSS: Thanks, Sharon. I  
22 appreciate that.

23 Steve, any additional comments?

24 CO-CHAIR WILLIS: I just will say that  
25 the soil removed during the TICRA (ph) as well as

1 any investigation-derived waste is being treated as  
2 hazardous waste. It's not considered hazardous  
3 waste by the EPA, but we are treating it as such for  
4 disposing just to be on the safe side.

5 MR. SUELTFUSS: Mark, does that  
6 satisfy an answer to that?

7 CO-CHAIR HENRY: Yes. Yes.

8 MR. SUELTFUSS: Okay. All right.

9 MEMBER LERICHE: I'd like to hear the  
10 status of the fourth five-year review report.

11 CO-CHAIR WILLIS: Our contractor is  
12 currently addressing the Air Force comments on that  
13 document. Once they have addressed the Air Force  
14 technical team's comments, it will go for an Air  
15 Force legal review, and then for EGLE's review, and  
16 then be issued as a final document.

17 MEMBER LERICHE: So, it has not been  
18 set to EGLE yet?

19 CO-CHAIR WILLIS: Correct.

20 MEMBER LERICHE: And correct me if I'm  
21 wrong, it's two and a half years overdue?

22 CO-CHAIR WILLIS: Probably at least  
23 two years, yeah. Correct.

24 MEMBER LERICHE: And is there a reason  
25 that you can inform us of?

1 CO-CHAIR WILLIS: There were some  
2 issues with some of the sites, and FT002 in  
3 particular, there was a ROD put in place. It was  
4 never actually signed.

5 MEMBER LERICHE: Okay.

6 CO-CHAIR WILLIS: So, we're having to  
7 go back and address some of the open items from  
8 legacy activities, and close those loops so that we  
9 can appropriately address them in the five-year  
10 review.

11 MEMBER LERICHE: And that ROD is the  
12 IRA FT002?

13 CO-CHAIR WILLIS: It was the IRA VOCs  
14 at FT002. So, it pre-dated the PFAS issues.  
15 Applied for VOCs at FT002 that didn't get signed.

16 MR. SUELTFUSS: For those of you  
17 (inaudible) the interim remedial action.

18 CO-CHAIR WILLIS: And "ROD" is record  
19 of decision.

20 MR. SUELTFUSS: Okay.

21 CO-CHAIR HENRY: I have a followup  
22 question from Arnie's question. Is the public going  
23 to have the opportunity to provide comments to this  
24 five-year review document?

25 CO-CHAIR WILLIS: At this point in

1 time, the CERCLA process does not have provisions  
2 for that.

3 MR. SUELTFUSS: Back to Arnie.

4 MEMBER LERICHE: About a year ago, I  
5 asked a similar question, status of the five-year  
6 review, and I think the answer came back -- I think  
7 Sharon, you might have been the one -- said that  
8 that FT002 IRA, or the interim remedial action, for  
9 PFAS in 2015 that went online, was not going to be  
10 part of this five-year review, because it was a  
11 time-critical capture. And I have not seen that,  
12 and I do not have an accurate understanding of what  
13 Catharine said at that RAB meeting about the  
14 time-critical --

15 MS. VRISENGA: Arnie, this is Sharon.  
16 I don't remember that statement. I don't remember  
17 me or Catharine making that statement. It is -- I  
18 think we ended up -- I'm reaching back, so you know,  
19 I haven't looked at my notes on this, and it's been  
20 -- I think you said a year ago, we talked about  
21 that.

22 But I think I said the interim actions  
23 would all be captured in the five-year review.  
24 That's what we should be doing, is on that -- the  
25 removal actions don't always have to go into a

1 five-year review, but, I think the plan with the  
2 Wurtsmith one -- and Steve can correct me if I'm  
3 wrong on this -- I think the plan is that, since  
4 those are -- they're around areas that are big areas  
5 on the Base, or things that are being focused on,  
6 that those removal actions will be discussed.

7 But a five-year review is supposed to  
8 look and only evaluate final remedial actions. So,  
9 we may mention that there's an interim remedial  
10 action or something like that, but, they're not the  
11 ones that are their removals and interim remedial  
12 actions, because they're not final remedies. Their  
13 effectiveness are not evaluated in a five-year  
14 review.

15 MEMBER LERICHE: Thank you.

16 MR. SUELTFUSS: Thank you, Sharon,  
17 we appreciate that. About five minutes or so  
18 remaining for RAB member questions and discussion.  
19 Let me just check in again with our RAB members who  
20 joined us virtually.

21 Greg Schulz, Rex Vaughn -- let's see  
22 -- Puneet Vij, and Jesse Stuntebeck, any questions?

23 MEMBER VAUGHN: This is Rex. I have  
24 none.

25 MR. SUELTFUSS: Okay.

1 MR. SCHULZ: Greg Schulz. No.

2 MR. SUELTFUSS: Thank you, Greg.

3 Okay. So, any other questions from the RAB members  
4 here?

5 We're ahead of schedule, but let's go  
6 ahead right now to the public comment portion of the  
7 agenda. This is an important element of all of our  
8 RAB meetings. And so the RAB members have had the  
9 opportunity to make comments, to discuss and engage  
10 in conversation, and now this is an opportunity for  
11 those who are not members of the RAB to make  
12 comments.

13 So, I'd like to provide an opportunity  
14 for folks to come in and make a three-minute comment  
15 to the RAB. Those who are here in person, we'll  
16 start with you. Those who are here in person, if  
17 you'd like to, you can begin to line up at the  
18 microphone that the team set up. We'll go through  
19 those who are here in person first, and then we'll  
20 go to those who have joined virtually.

21 So if you joined virtually, you can  
22 raise your hand electronically, and we'll go back to  
23 you to see who we have next in the queue once we get  
24 to that point. If you joined by telephone -- so  
25 again, not just RAB members, everyone else that's



1 joined by telephone, you can raise your hand by  
2 pressing star 9, and lower it by pressing star 9.  
3 And then, mute yourself, un-mute, press star 6.

4 So again, let's start with those who  
5 are here in person. Any comments?

6 Mr. Spaniola. Okay. And if you could  
7 start with your name, if you'd like to share that  
8 and make your comment.

9 MR. SPANIOLA: Yes. My name is  
10 Anthony Spaniola. The letter to Congress dated July  
11 27th this year, Department of Defense stated, and I  
12 quote, "DoD works in collaboration with regulatory  
13 agencies, the community, and other stakeholders  
14 which would share open and transparent information  
15 shared."

16 It's very clear from what has come  
17 down where tonight, what has come down here over the  
18 years that that statement is not true. Transparency  
19 is totally lacking. We have members on this RAB  
20 Board from the community who have put in their time,  
21 and incredible talent, and resources ring to bear.  
22 And I hear that the CERCLA process doesn't provide  
23 for (inaudible). The CERCLA process does not  
24 prohibit -- does not prohibit anywhere bringing  
25 members of the community into the process at all.

1 In fact, that was done, BCT meetings for years and  
2 years and years, until the township was kicked out.

3 I looked at a recent BCT meeting. We  
4 hear from the Air Force's attorney that the Air  
5 Force policy only allows for 15 people in the  
6 meeting. I think at the last meeting that I saw,  
7 there were 30-some people in attendance from 10  
8 different agencies and private enterprises. No, not  
9 a soul, not a single person from Oscoda, Michigan.  
10 That's wrong.

11 And if the Department of Defense wants  
12 to make a commitment to working in collaboration, to  
13 be transparent, then do so, and do so here.

14 In testimony before the United States  
15 Senate we were told by the Department of Defense  
16 they were going to throw the kitchen sink at the  
17 attitude that has resulted in this plantation  
18 mentality that everybody here serve at the whim and  
19 the will of the Department of Defense.

20 We've been talking about the  
21 Township's storm sewers for I don't know how long.  
22 How long? Regardless of what happens, nothing.  
23 Nothing. Costing the taxpayers. That's wrong.  
24 That's not collaboration.

25 Now, Mr. Winn talked about four

1 interim remedial actions. We hope you'll take a  
2 serious look at those. Those are based on data from  
3 2018, four years ago. This process has moved way  
4 too slowly and we're going (inaudible) let's do it  
5 and do it now. You can put up all sorts of data up  
6 about test wells and this, that and the other thing.  
7 We need action.

8 And I want to remind everyone here  
9 that that the two IRAs that are just getting started  
10 the Air Force opposed. The only reason that they're  
11 deemed done is because our representatives in  
12 Congress went to (inaudible) of the Department of  
13 Defense. We need to see action and we need to see  
14 it now. Thank you.

15 MR. SUELTFUSS: Thank you, Mr.  
16 Spaniola. I appreciate your comment on that.

17 Let's see. Continuing on with our  
18 public comments, Mr. Bob Delaney, go ahead. Three  
19 minutes.

20 MR. DELANEY: Thank you. Bob Delaney.  
21 Retired from the State. (Inaudible) health advisory  
22 isn't something that the Air Force is going to use  
23 since 2014 the State of Michigan had criteria for  
24 water quality standards for PFAS and PFOA as they  
25 went into surface water. Air Force steadfastly

1 refused to follow those laws. They reported to the  
2 health advisories from the EPA, which was 400 and  
3 200 parts per trillion.

4 The State of Michigan eventually  
5 passed drinking water criteria and (inaudible)  
6 criteria, but the Air Force steadfastly refused to  
7 acknowledge those until pressure Washington arrived  
8 and people at the highest levels agreed they would  
9 follow State Michigan law. But before that they  
10 defaulted to the health advisory number of 70 parts  
11 per trillion for PFAS and PFOA, the EPA health  
12 advisory.

13 Now interestingly, we have the health  
14 advisory drops to four parts per 5 million and  
15 (inaudible) parts per (inaudible) for the two  
16 chemicals. And now, it's suddenly Michigan's  
17 criteria are the thing that they're going to default  
18 to. So, I've explained this to you to understand  
19 how the game is played. So whichever numbers are  
20 more convenient, that's what the Air Force is using.  
21 What I'd like to remind people of is that CERCLA  
22 defaults to (inaudible) when Federal law criteria  
23 (inaudible) that they calculated are less  
24 restrictive than the State. So if the State has a  
25 standard that's more restrictive and site-specific

1 risk assessment, then it would default to the  
2 State's laws.

3 And so I'd like to see what the  
4 site-specific would be based on a new study the EPA  
5 has used for their health advisory. And I also  
6 think it would be very helpful for RAB and all of us  
7 if an EPA expert came in and explained to us how the  
8 risk assessments are supposed to be done, and how to  
9 really, the Air Force generally, the DoD generally,  
10 those kinds of things. So, it'd be quite  
11 appropriate to come in and explain to us how these  
12 risk assessments are supposed to be done. Thank  
13 you.

14 MR. SUELTENFUSS: Thank you, Mr.  
15 Delaney. We appreciate that comment.

16 And continuing on with our public  
17 comment here in person. Anyone else who like to  
18 make a comment? Mr. Spaniola?

19 MR. SPANIOLA: I have a question. At  
20 the Senate testimony (inaudible) indicated that  
21 computer generated map would no longer be used in  
22 investigating that (inaudible). I know that the IRA  
23 (inaudible) was recently (inaudible).

24 MR. SUELTENFUSS: Any thoughts from  
25 Sharon on that one or --

1 MS. BOND: That's a great question --  
2 or comment. But I want to say first, I think -- are  
3 you talking about the -- the figures that were shown  
4 in the proposed plan for Clark's Marsh?

5 Okay. So, the groundwater modeling  
6 that was used to develop the extraction well profile  
7 for both of those treatment systems, those are done  
8 with groundwater modeling, which is a computer  
9 modeling program. That's not something that can  
10 necessarily be done easily by hand, if at all, to  
11 show the particle tracking that were shown in those  
12 figures. That is a computer-generated model. The  
13 plume maps that we show on the figures out here,  
14 those are drawn by hand; those are not  
15 computer-generated.

16 But let me say, there is a place for  
17 both methods; for computer-generated models plus  
18 professional interpretation and hand-drawn models.  
19 It's not one or the other. And I think we try to  
20 use the best of both worlds for that. If we're  
21 doing computer modeling to evaluate these treatment  
22 systems, that is an EPA-accepted, and approved, and  
23 preferred method for doing a lot of this work.

24 So, I don't want folks to think that  
25 using computers to generate models for the work that

1 we're doing here is not a good practice. It is. I  
2 think there's good in both, in manual interpretation  
3 as well as computer-generated interpretation.

4 But the plume maps you see here are  
5 hand-drawn, they are not computer-generated. The  
6 modeling for the treatment systems that you saw  
7 appears in the proposed plans with the particle  
8 tracking, those are computer-generated models. And  
9 that's the best way to do that.

10 MR. SUELTENFUSS: Okay. Well, let me  
11 just check in again to see if there are any further  
12 public comments from the members of the public who  
13 are here in person.

14 Okay. Darlene, I'll turn to you. It  
15 looks like there are some who have connected  
16 virtually who'd like to make a public comment.  
17 Which one do you see at the top of your list? Kyle  
18 Jones. Okay.

19 So, we'll now turn to Kyle Jones. Mr.  
20 Jones, you have three minutes to make your comment,  
21 sir.

22 MR. JONES: Hello? Can you hear me  
23 okay, everyone?

24 MR. SUELTENFUSS: Yes, sir, we can.

25 MR. JONES: Okay, great. I'd like to

1 first comment on Paula's comment that Paula just  
2 made.

3 In my experience, hand-drawn and/or  
4 particular software will draw plume maps based on  
5 data that's been acquired and analyzed, whereas  
6 models are very typically used for predicting future  
7 migration of the contamination in the groundwater.  
8 So, if that's how the Air Force is going to use,  
9 then I think the community would be happy with that,  
10 but that wasn't clear from Paula's comments.

11 So, I'd ask you guys to look at that  
12 and be real clear with the community on precisely,  
13 you know, what methods. And I totally agree that  
14 computer modeling is a fully accepted method and  
15 it's been around for 40 years, but it's not used to  
16 draw current data that's known.

17 Second point, I think, you know,  
18 consistent with the comments that have been going on  
19 throughout the entire meeting here, including Mr.  
20 Spaniola's comments, it's a little -- no, it's  
21 entirely unclear to the community why the Air Force  
22 is not sharing data with the community on a realtime  
23 basis, or an ongoing basis. There is really no way  
24 for the community to understand where, geologically,  
25 or from an area point of view, where the groundwater



1 sampling wells are, where the piezometers are, where  
2 the soil sampling locations are, and where the  
3 extraction wells for interim remedial actions are,  
4 nor does the community have any of the historical  
5 data, or the litany of data points that were taken  
6 from each of those spots. That's really relevant to  
7 the community to have, and to know, and to be able  
8 to understand.

9           So, I think that the Air Force needs  
10 to, very quickly, adopt a process in which raw data  
11 collected can be transmitted to the community.  
12 Obviously, with any kind of caveat that it's not  
13 validated, hasn't gone through QA/QC, understood.  
14 But the raw data is fairly accurate, and it's pretty  
15 rare that validation process will change raw data in  
16 any measure.

17           Thirdly, I'd like to address the lack  
18 of specificity regarding the remedial investigation  
19 process, because there really has not been any  
20 discussion about rounds of sampling and the kind of  
21 analysis that the Air Force is doing in determining  
22 how to step out, in which direction based on the --  
23 what information they're going -- they have in order  
24 to determine to step out. All we've heard is there  
25 is an RI underway. And it is entirely too vague and

1 non-specific for the community to understand  
2 precisely what's going on in your work. I think  
3 that is also data and information that the community  
4 deserves to have and, you know, there's no reason  
5 why the Air Force shouldn't share that data with the  
6 community. It --

7 MR. SUELTFUSS: Mr. Jones, thank you  
8 for that comment. That was Kyle Jones. Kyle, let  
9 me just invite some of the others who are on the  
10 line in making -- ready to make comments, and if you  
11 like to stay online and make additional comments,  
12 you can certainly do that. Would that work for you,  
13 sir?

14 MR. JONES: That's fine. Absolutely  
15 fine.

16 MR. SUELTFUSS: Okay. Well, thank  
17 you very much for your comment, Kyle Jones.

18 Who's next on the list? Okay. So,  
19 any other -- all right.

20 Well, Kyle, you're next on the list.  
21 Would you like to make any additional comments --

22 MR. JONES: I do have a couple --  
23 three more comments.

24 MR. SUELTFUSS: Go ahead.

25 MR. JONES: And then if I stop and no

1 one has anything else, I get another three?

2 MR. SUELTENFUSS: (Inaudible) that  
3 process.

4 MR. JONES: So, this is to Steve  
5 and/or Sharon. There was comments made earlier  
6 about certain land areas for which the Air Force  
7 didn't have legal access in order to do sampling.  
8 The Forest Service is another U.S. governmental  
9 agency, and it's a little beyond me to understand  
10 why there isn't some blanket access agreement that's  
11 been given to the Air Force for any sampling that  
12 needs to be done. But if there is a reason for not  
13 adding such a blanket, can't there be a prediction  
14 by the Air Force of where you need to take samples  
15 as you are doing your RI, and get the access  
16 agreements now, as opposed to figuring it out and  
17 then waiting until you're ready to do the sampling  
18 before you start to get the access agreements?

19 Steve, is that something you can  
20 address?

21 MR. SUELTENFUSS: So, the question  
22 related to access agreements for Forest Service  
23 lands --

24 MR. JONES: And any other land, for  
25 that matter.

1 MR. SUELTFUSS: Okay. Any other  
2 type of lands -- Steve, anything you'd like to  
3 share?

4 CO-CHAIR WILLIS: I can't really  
5 address a blanket agreement between the agencies for  
6 access. That's way above my level.

7 We did have an agreement with them, it  
8 did expire. We're in the process of renegotiating  
9 that. We ran into some road blocks. We were having  
10 to work through those, and we do have an agreement  
11 with them for access. So, we are ready to move  
12 forward.

13 MR. SUELTFUSS: And let me just  
14 check in with Jesse Stuntebeck. Jesse, anything  
15 that you'd like add there as well?

16 MEMBER STUNTEBECK: No. What Steve  
17 said was accurate; we do have an access agreement in  
18 place for all activities related to the RI.

19 MR. SUELTFUSS: Okay. Thank you,  
20 Jesse.

21 And Kyle, did that focus on the  
22 question that you wanted to raise?

23 MR. JONES: Yes. That was a  
24 satisfactory response. Thank you.

25 MR. SUELTFUSS: Okay.

1 MR. JONES: Next question, Steve, you  
2 mentioned that, when someone asked about having  
3 sufficient financial resources, you said that wasn't  
4 a problem, but, the alacrity with which the RI is  
5 moving forward was -- you said contract-driven, and  
6 I don't understand that. And could you explain more  
7 what you mean, and what the Air Force is doing about  
8 alleviating the lack of alacrity of moving the RI  
9 forward because there are, quote, "contract issues"?

10 CO-CHAIR WILLIS: Federal contracts  
11 have an expiration date. When you reach that point,  
12 if you've got additional work, you have to have a  
13 new contract in place. We've reached that situation  
14 and we're working on a new contract.

15 MR. JONES: Surely, the Air Force can  
16 understand their timing for doing additional RI work  
17 prior to the expiration of the contract and start  
18 the contract acquisition process so that there is no  
19 delay whatsoever between contracts; isn't that the  
20 case?

21 CO-CHAIR WILLIS: Typically, that  
22 would be the case. As someone pointed out on the  
23 schedule earlier, the RI is projected to go through  
24 November of next year now. We've had to do quite a  
25 bit more step-out than was initially anticipated,

1 and the RI has continued to grow in scope and  
2 duration. As Paula indicated, we are going to keep  
3 sampling until we've defined the extent of these  
4 plumes, but they're larger than anticipated.

5 MR. SUELTFUSS: I see that Mark  
6 Henry has a comment to make here. Kyle, let me just  
7 see if that addresses the question that you have.

8 MR. JONES: I'd like to hear Mark, and  
9 then I'll continue if I have other --

10 MR. SUELTFUSS: Going to Mark Henry  
11 and then I'm going to check to see if there are  
12 other --

13 MR. JONES: No problem.

14 MR. SUELTFUSS: And Kyle, then I  
15 might come back to you if there is no one else in  
16 line.

17 Mark Henry, go ahead.

18 CO-CHAIR HENRY: The State regulatory  
19 agency EGLE had a town meeting last month, and I was  
20 surprised to hear in that meeting that the State has  
21 not been able to review any RI data prior to 2022.  
22 I was wondering what the Air Force can do to  
23 streamline the method at which it disseminates data  
24 so that the State agency can be kept in the loop  
25 almost as much as the Federal contractors are so

1 that they can make decisions and have discussions in  
2 near realtime as opposed to being delayed by 8 or 9  
3 months between rounds of sampling.

4 CO-CHAIR WILLIS: The delay with  
5 sharing data with the regulators is predicated on  
6 the FY 20 -- fiscal year 2022 National Defense  
7 Authorization Act. Section 345 includes a provision  
8 in there that restricts our ability to share data on  
9 private property. We are waiting for guidance from  
10 the OSD Office of Secretary of Defense on how we can  
11 work around that to share data with both the  
12 regulators and with the community. But right now,  
13 we are operating under that limitation.

14 MS. VRISENGA: This is Sharon --

15 MR. SUELTENFUSS: Let me continue on  
16 with that public comment process. And let me just  
17 check first to see if we have anyone else in here in  
18 person who would like to make a comment. Then, move  
19 on to a few others who have raised their hand  
20 electronically.

21 Bob Delaney, go ahead, sir.

22 MR. DELANEY: (Inaudible).

23 MR. SUELTENFUSS: Thank you very much,  
24 Bob. Anyone else here in person before we go to  
25 those who are online?

1                   Okay. Sharon Vrisenga with the Air  
2 Force?

3                   MS. VRISENGA: I didn't have my hand  
4 up. They may have heard me trying to add some data  
5 to what Steve was saying when he answered Mr.  
6 Henry's question.

7                   The Air Force does have an  
8 understanding with EGLE where we can share  
9 residential well location and ownership data with  
10 them, because they're able to protect that under  
11 their law. So, that -- that flow has not stopped.

12                   Section 345(A)(2) of the National  
13 Defense Authorization Act goes past that; it also  
14 affects private business data. That is what we have  
15 not been able to share with EGLE, is well location  
16 or well ownership data from private business land.  
17 So -- but we can still give them the well results.

18                   So, EGLE is getting virtually  
19 everything from us. The only thing we cannot give  
20 them right now is if it's on private property that  
21 has a business on it, we can't tell them this is the  
22 location we were at and who owns that land. They're  
23 getting everything from residential and they're  
24 getting the well results from the businesses.

25                   As Steve said, we are not allowed to



1 release to the public the well location and well  
2 ownership for either residential or businesses.  
3 That's not just the National Defense Authorization  
4 Act, that also comes out of the Freedom of  
5 Information Act.

6 So, that's why the public gets the  
7 well sampling results themselves, and we try to show  
8 you on plumes where the different concentrations are  
9 without identifying anybody's personal property and  
10 giving away anything they have a privacy interest  
11 in.

12 MR. SUELTFUSS: Thank you, Sharon,  
13 we appreciate that.

14 Mr. Klein, anything you'd like to add  
15 onto this topic?

16 MEMBER KLEIN: I'm not sure if that  
17 comment was related to residential well sampling,  
18 which I don't think has been going on, but, I'm not  
19 aware that we've been getting other data. At least  
20 what I've heard from my staff is that we haven't  
21 been getting data recently.

22 CO-CHAIR WILLIS: That's correct.  
23 Recently, we have not shared data. But we're  
24 working on that.

25 MR. SUELTFUSS: All right. Let me

1 just -- Arnie Leriche, go ahead.

2 MEMBER LERICHE: Does this situation  
3 violate your grant contract with the State regarding  
4 split samples or (inaudible)?

5 CO-CHAIR WILLIS: The split samples,  
6 EGLE collects under (inaudible) samples in their  
7 results, and they don't fall under this at all.

8 MEMBER LERICHE: You're telling us  
9 that you can't tell them, the State, where the  
10 private property site is, so how can they take the  
11 sample?

12 CO-CHAIR WILLIS: We're saying that we  
13 can't provide them with the results --

14 MEMBER LERICHE: Results? Okay.

15 CO-CHAIR WILLIS: -- and the private  
16 property owner location. If we were to do split  
17 samples, which we have not done recently, they can  
18 come collect their sample. We cannot share the  
19 results necessarily, depending on the status of that  
20 property; is it private, residential, or as Sharon  
21 said, is it private business?

22 MS. VRIESENKA: Let me clarify --

23 MR. SUELTFUSS: Hold on --

24 MS. VRIESENKA: -- the actual well  
25 sample result. If they were there taking a split

1 sample, they'd obviously know whose land we were on  
2 at the time they took it.

3 MR. SUELTFUSS: Okay. Thank you,  
4 Sharon. And let me just check in, do we have other  
5 public comments online?

6 Okay. All right. And let's see.  
7 Kyle Jones, did you have any additional comment that  
8 you'd like to make, sir?

9 MR. JONES: I do. So is it the case,  
10 Steve, Paula, that the step-outs that are being  
11 taken based on a round of sampling, are those being  
12 done based on an analysis of invalidated; or are you  
13 waiting until you validate the data before  
14 determining the next step-out?

15 MS. BOND: So we are doing step-outs  
16 based on preliminary data, and like you had  
17 mentioned in your previous comment, once the data is  
18 validated, usually it doesn't change very much. So,  
19 we're pretty confident in our preliminary data for  
20 doing step-outs.

21 We're doing vertical aquifer sampling,  
22 and we're taking that data as we get it. We  
23 evaluate it quickly so that we can then step out and  
24 try to get as much data as we can. So, that's how  
25 we're doing the step-outs right now.

1 MR. JONES: Okay. That's really  
2 great. Thank you for that.

3 MR. SUELTFUSS: Actually, Kyle, this  
4 is Tim Sueltenfuss. I see Mark Henry has, I think,  
5 a followup to that, and then Kyle, come back your  
6 way.

7 MR. JONES: Sure. Of course.

8 CO-CHAIR HENRY: Excuse me, Kyle. If  
9 you were making decisions using preliminary data,  
10 are you sharing that preliminary data with the State  
11 so that you can make the decisions in tandem?

12 MS. BOND: We have -- in our UFP QAPP  
13 plan, there is a decision logic that we use that  
14 drives our step-outs, and it tells us -- you know,  
15 it's just a very simple decision logic; whatever the  
16 data tells us, we make the decision based on --  
17 whether it's above the screening criteria that we're  
18 using, or below, it tells us how far to step out and  
19 what direction to step out.

20 So, we have a decision logic that's  
21 already pre-determined that allows us to do those  
22 step-outs.

23 CO-CHAIR HENRY: But you don't have it  
24 in consultation with the State?

25 MS. BOND: We have not, no. And I'll

1 let Steve go ahead.

2 CO-CHAIR WILLIS: (Inaudible) around  
3 Van Etten Creek and the other side of Van Etten  
4 Lake. Our conceptual site model is not as well  
5 defined as it is in the Wurtsmith proper area. So,  
6 for the sampling we get around Van Etten Creek, we  
7 did actually involve EGLE.

8 We provided them with the preliminary  
9 data, the proposed sample locations. We talked back  
10 and forth about it, made some adjustments to the  
11 next round of sampling.

12 We've collected that and we're waiting  
13 for the results to come back, and then we'll sit  
14 down with EGLE again and go through the same  
15 process.

16 MR. SUELTFUSS: Okay. So Kyle, did  
17 you have any additional public comments to make?

18 MR. JONES: Yes, sir, I did. One just  
19 came to mind as he was talking.

20 Steve, is there some reason why you're  
21 not following that collaborative process with EGLE  
22 for all data that the Air Force is taking?

23 MS. BOND: I didn't hear the first  
24 part of that. Can you repeat it, please?

25 MR. JONES: Sure. Steve just

1 described a process in which the Air Force was  
2 sharing data and collaborating with EGLE at Van  
3 Etten Creek, because your conceptual site model is  
4 not as well defined, at least that's what I  
5 understood Steve to say.

6 My question then is, why aren't you --  
7 why isn't the Air Force sharing all data, and  
8 collaborating on all step-out decisions using the  
9 QAPP logic with EGLE on -- for every piece of data  
10 that's taken, and not just selected areas?

11 MS. BOND: Well -- and like Steve had  
12 just mentioned before with the sharing of the data  
13 with EGLE -- because we're collecting data -- we're  
14 collecting data on a daily basis and receiving data  
15 on a daily basis, making decisions as we go, because  
16 we're working through those -- providing data  
17 challenges with the MDEA and we've been trying to  
18 work through that, so that's one of the reasons we  
19 really haven't been as consistent about doing that  
20 as we were with Van Etten Creek, because the CSM-1  
21 is a little deeper down there, and we wanted to  
22 engage them. So, we're working through that to  
23 hopefully try to do better at that as we move  
24 forward.

25 MR. JONES: Okay. I guess I heard

1 Sharon tell us that there was no prohibition against  
2 sharing data with the agencies, whether Federal,  
3 residential, or business. So, I don't know that  
4 there's any impediment to sharing the data and  
5 working with EGLE.

6 MR. SUELTFUSS: Let me just listen  
7 to one conversation here real quick. Is there any  
8 followup from the interchange we've just had on that  
9 topic?

10 Steve, anything that you'd like to add  
11 in, or others?

12 Okay. And so we'll go to Cathy  
13 Wusterbarth first and then to David Winn. Cathy,  
14 you're up.

15 MEMBER WUSTERBARTH: Kyle, I don't  
16 think that we got this from your call-in, but I  
17 wondered if you could identify yourself and explain  
18 your experience with the processes that we're going  
19 through.

20 MR. JONES: Sure. Kyle Jones here.  
21 I'm a licensed attorney in Michigan. I practiced  
22 environmental law for 32 years both in-house at a  
23 Detroit law firm, and I'm -- yeah, I'm sorry, in a  
24 private practice with a Detroit law firm, and then  
25 in-house with Delphi Corporation, a spinoff from

1 General Motors. And with Chrysler/Fiat  
2 Chrysler/Stellantis, the last 15 years of my career.  
3 I retired in April of this year.

4 I have a vacation home on Lake Huron  
5 in Greenbush, and have been coming to this area for  
6 56 or 57 of my 63 years. And I have a real personal  
7 and professional interest in what's going on.

8 And so I -- I really want to help  
9 contribute to the success of the most efficient and  
10 productive environmental process that we can have  
11 here.

12 MR. SUELTFUSS: Thank you.

13 MEMBER WUSTERBARTH: Thank you, Kyle.

14 MR. SUELTFUSS: Okay. And David  
15 Winn, go ahead, sir.

16 MEMBER WINN: Steve, you mentioned  
17 earlier that you're currently (inaudible) and I  
18 think David Klein would confirm that -- is that  
19 there's data that you guys haven't shared with EGLE  
20 yet, and you've said you were going to do that.

21 Is there any timeframe? Because -- I  
22 guess let's put a timeframe on this. When do you  
23 guys believe you're going to be able to share this  
24 data with EGLE as a collaborative effort?

25 CO-CHAIR WILLIS: We can share all the



1 data we've got on private and residential property  
2 by the end of the month.

3 MEMBER WINN: I'm talking about all  
4 data, any data that EGLE needs.

5 CO-CHAIR WILLIS: Data for private  
6 commercial property, I am waiting on guidance for  
7 how I can share that.

8 MEMBER WINN: What about stuff that's  
9 on the Base?

10 CO-CHAIR WILLIS: Yeah, they have all  
11 that.

12 MEMBER WINN: Can you confirm that?

13 CO-CHAIR WILLIS: I cannot confirm  
14 that -- I don't know. I have to check with staff.

15 MEMBER WINN: Okay. So by the end of  
16 the month, any additional information, EGLE can  
17 have?

18 CO-CHAIR WILLIS: Correct.

19 MEMBER WINN: Okay. Thank you.

20 MEMBER LERICHE: Just a quick followup  
21 on that. There's about six of us next week, we're  
22 going to be talking to the Deputy Assistant  
23 Secretary of Defense. Is there anything on this  
24 issue that you or Sharon can fill us in on? Is this  
25 across the board, all branches of the Department of

1 Defense have this same issue about not sharing that  
2 data with their partners, either EPA or State  
3 environmental agencies?

4 MS. VRIESENKA: This is Sharon  
5 Vriesenga. That is an OSD-wide -- I mean, it's a  
6 Federal law. The Freedom of Information Act and the  
7 NDAA, because they're Federal laws, they apply to  
8 all Federal agencies.

9 Because EPA is subject to the same  
10 Federal law as we are, Department of Defense reached  
11 an agreement with them about data sharing, because  
12 EPA was able to say yes, we're bound by all of the  
13 same laws you are, and we will agree that we will  
14 not publicly disclose this data if you give it to  
15 us. The NDAA only applies to DoD, but Freedom of  
16 Information Act applies to all the Federal agencies.

17 With EGLE, we already had an agreement  
18 before the NDAA ever came out that said -- they  
19 looked at our laws, what -- how we were constrained,  
20 and they said we can -- under our laws, we can  
21 respect your constraints, and we agree that if you  
22 give us information that qualifies as personal  
23 privacy information under the Freedom of Information  
24 Act, we will protect it from public disclosure.  
25 Now, that only -- the Freedom of Information Act

1           only applies to residential properties.

2                       As we were talking about a few minutes  
3 ago, the National Defense Authorization Act talked  
4 about all private property, which includes private  
5 businesses. We don't have an agreement with EGLE  
6 that covers that situation.

7                       So actually, in Michigan, the State  
8 regulator is getting quite a bit more information  
9 than we're able to give many State regulators across  
10 the country, where they were not able to give us  
11 assurances that they would not publicly release the  
12 data.

13                      Some States are not allowed by their  
14 State laws to protect that data from release, and  
15 because of our obligations under Federal law to  
16 protect people's privacy, we can't give it to a  
17 State if the State is not going to protect it from  
18 public release. So, that is -- you're going to find  
19 that same sort of thing across DoD. It's not just  
20 the Air Force.

21                      MR. SUELTENFUSS: Sharon, let me jump  
22 in. Sharon, thank you for that comment. We have  
23 Mark Henry after that. That will return us to the  
24 public comment portion, kicking in with those who  
25 are here in person. Same if there are others

1 online. We'll begin to wrap up in about seven  
2 minutes or so.

3 Mark Henry, your turn.

4 CO-CHAIR HENRY: Sure. I've heard  
5 Sharon talk about commercial property and not being  
6 able to disclose information about that. To the  
7 best of my knowledge, within the area of concern,  
8 contamination, there are only two commercial  
9 properties, and it's (inaudible) Cottages and it's a  
10 YMCA camp. That's it.

11 So, all of the other properties are  
12 either private, State-owned land, or township land,  
13 or the airport owns it, or the Forest Service. So,  
14 minus those two small properties, all of that other  
15 data should be shared with the State as it's  
16 generated.

17 MR. SUELTFUSS: Thank you. Let me  
18 ask Steve if there's any comment on that, and Mr.  
19 Maxwell, then turn to you.

20 Steve, any followup?

21 CO-CHAIR WILLIS: Just to reiterate  
22 that by the end of the month we'll provide all that  
23 data to EGLE.

24 MR. SUELTFUSS: Thank you.

25 Mr. Maxwell?

1                   MEMBER MAXWELL: Are we talking both  
2 data? It doesn't make sense that both data from the  
3 hearing (inaudible) disclosed individuals --  
4 individual property, but it seems like (inaudible)  
5 there's no privacy involved.

6                   CO-CHAIR WILLIS: You're absolutely  
7 right. And the bulk data is presented on the  
8 posters in the back of the room on the plume maps.  
9 The issue is -- you indicate, is individual plume  
10 sources in someone's yard. That's got to be  
11 protected.

12                   MR. SUELTENFUSS: Mr. Maxwell, did  
13 that address the question that you had?

14                   MEMBER MAXWELL: Yes.

15                   MR. SUELTENFUSS: All right. Well,  
16 good. Let me return us to our public comment  
17 portion for the last few minutes of our meeting.

18                   Any other public comments from those  
19 here in person?

20                   And how about from those who are  
21 remote?

22                   Okay. And --

23                   MR. JONES: I still have questions.

24                   MR. SUELTENFUSS: Mr. Jones, go ahead,  
25 sir.

1 MR. JONES: Thank you. Thank you.  
2 Sharon and Steve, have you considered asking the  
3 businesses whether they would waive their privacy  
4 exceptions to the FOIA rule? Maybe they would like  
5 to have EGLE have that data.

6 MS. VRISENGA: Yeah, Steve said we  
7 have not done that yet. We are looking at starting  
8 to ask that question.

9 MR. JONES: Okay. Thank you. Has --  
10 Steve -- I'm sorry, Dave Winn, and Mark Henry, and  
11 Delaney have gone through several other IRAs that  
12 the community suggests need to be done. Is the Air  
13 Force going to consider those IRAs and communicate  
14 with the community about its evaluations?

15 CO-CHAIR WILLIS: Yes. We will look  
16 at all four of them and we'll provide feedback.

17 MR. JONES: And Tim, one more and then  
18 I'm done.

19 We talked about the five-year review.  
20 I totally agree the law says that the five-year  
21 review is about final remedial action. And I'm  
22 going -- monitoring of thereafter.

23 But that does not mean that the Air  
24 Force can't provide the community with, you know, a  
25 fulsome report on the effectiveness of IRAs.

1                   In any event, would the Air Force  
2 consider providing reports on the current IRAs that  
3 are implemented and underway, as well as new ones  
4 that are going to be implemented and starting  
5 operation in the future?

6                   CO-CHAIR WILLIS: Yeah, that's  
7 something I can look into.

8                   MR. JONES: Would you be able, Steve,  
9 to give us a response by the next RAB meeting?

10                  CO-CHAIR WILLIS: Sure.

11                  MS. VRIESENKA: This is Sharon. I  
12 mean, Steve can look into that and see what the  
13 answer is going to be, but that is going to -- that  
14 is going to probably be an Air Force-level decision,  
15 because it's not just a Wurtsmith policy. You're  
16 talking about something that touches every  
17 instillation and former installation the Air Force  
18 has.

19                  MR. JONES: Understood.

20                  MR. SUELTFUSS: Okay. Mr. Jones,  
21 thank you very much for your comments. Did you have  
22 any other comments?

23                  MR. JONES: I am good for this  
24 meeting.

25                  MR. SUELTFUSS: All right. Sounds

1 good.

2 Yes, sir. Go ahead.

3 MEMBER GAINES: Transparency should  
4 apply everywhere, not just to Wurtsmith. It would  
5 really help the whole country if you put that into  
6 your operating plan.

7 MR. SUELTFUSS: Thank you, Mr.  
8 Gaines. Any last public comments?

9 Okay. Well, that takes us through the  
10 public comment portion of the agenda that we have.  
11 Takes us through all the elements of the agenda that  
12 we had.

13 One thing, just to the RAB members, if  
14 you could please e-mail me any action items that you  
15 would like to propose that the RAB Co-Chairs discuss  
16 in a couple weeks, please do that within a week.

17 I'll send out an e-mail tomorrow  
18 requesting that, but again, anything that you feel  
19 is a possible action item, I'll consolidate those,  
20 we'll put those in front of the RAB Co-Chairs for  
21 their consideration when they meet in approximately  
22 two weeks or so.

23 RAB Co-Chairs, does that work for you?

24 Okay. Well, so we have made it  
25 through the agenda that we have for ourselves



1           tonight. Let me turn to our Co-Chairs for closing  
2           remarks.

3                           Mark Henry, any closing remarks?

4                           CO-CHAIR HENRY: Just thank you for  
5           all who participated in this meeting. I look  
6           forward to the resolution of the issues that were  
7           raised.

8                           MR. SUELTENFUSS: Thank you. Mr.  
9           Steven Willis?

10                          CO-CHAIR WILLIS: I echo Mark's  
11           appreciation for everyone that's participated. As I  
12           stated in my opening comments -- I don't know if  
13           everyone on the line heard -- but I encourage you to  
14           pre-register, and that way, we can get you the  
15           meeting material prior to the meeting so you have  
16           benefit of the same package that all of the RAB  
17           members here have.

18                          MR. SUELTENFUSS: All right. Well, to  
19           the RAB members, to the members of the public, thank  
20           you very much for joining us tonight. We are  
21           adjourned this evening and we'll see you in a few  
22           months. Thank you.

23                           (Meeting adjourned at or about the  
24           hour of 7:50 p.m.)

25                           Minutes certified by:

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/s/ Quentina Rochelle Snowden, CSR-5519  
QRS Court Reporting, LLC  
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Dated: September 16, 2022

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