

Meeting Minutes
Wurtsmith BCT Meeting
28 July 2021
In person/Teleconference

Contract No. LCES20S003
Location: CTI/Wood Office, Oscoda, MI

Meeting Date: Wednesday, 28 July 2021
Meeting Time: 0900-1250 EST

MEETING ATENDEES:

In Person

Catharine Varley, PhD	AFCEC
Gordon Smith	AFCEC
Cybelle Castillo	AFCEC
Jay Mullett	Wood
Saamih Bashir	Wood
Nick Robb	CTI
Nick Butzin	CTI
Mark Weegar	Cherokee Nation
Lee Major	Cherokee Nation
Andrea Stawowy	Cherokee Nation
Ryan Morrish	Cherokee Nation
Paula Bond	Aerostar
Cheryl Brewer	Aerostar
Jimmie Alldredge	Aerostar
James Romer	Aerostar
Beth Place	EGLE-RRD - Superfund
Matt Balltuis	EGLE-RRD - Superfund
Nick Shorkey	EGLE-RRD - Superfund
Amanda Armbruster	EGLE-RRD - Bay City
Ann Person	EGLE-RRD - Bay City

Note:

AFCEC: Air Force Civil Engineer Center

EGLE: Michigan Department of Environment, Great Lakes and Energy

MDHHS: Michigan Department of Health and Human Services

RRD: Remediation and Redevelopment Division

WRD: Water Resources Division

Teleconference

Paul Walz	Bay West
Zach McCurley	Wood
Justin Gal	Wood
Jay Hartman	Lata
John Bradley	EGLE-RRD - Lansing
David Kline	EGLE-RRD - Lansing
Matthew Siler	EGLE-WRD- Bay City
Joshua Mosher	EGLE-RRD- Lansing
Andrea Keatley	MDHHS
Puneet Vij	MDHHS
Mounica Nandula	MDHHS
Jeremiah Morse	AECOM

The meeting was held in the former Wurtsmith Air Force Base (AFB) CTI/Wood office in Oscoda, Michigan, with a teleconference option. The meeting began at 0900 hours eastern standard time (EST) on 28 July 2021 and adjourned at 1250 hours EST. The Meeting agenda is attached.

1. Air Force Opening Remarks/General Discussion

- a. J. Mullett and C. Varley opened the meeting with a greeting and introductions. The meeting purpose was to discuss environmental restoration program work at the former Wurtsmith AFB.

2. Previous BCT Meeting – 16 June 2021

- a. 17 March, 28 April, 19 May, and 28 June 2021 meeting minutes are under Michigan Department of Environment, Great Lakes and Energy (EGLE) review. B. Place mentioned the documents are under review, but she is still waiting to hear if they will receive the Base Realignment and Closure (BRAC)

Cleanup Team (BCT) meeting recordings. BCT Recordings from February to June 2021 were uploaded to the Box.com on 24 June 2021. B. Place stated she would like the recording from this meeting as well.

b. Action Items-

EGLE

- i. Review Wurtsmith UFP-QAPP and propose metrics for assessing data quality split samples and corrective actions if metrics are not met.
 1. B. Place mentioned that she provided her review via email. B. Place inquired about the split sampling analysis method and that she wanted it documented that EGLE would have to follow the United States Air Force (USAF) Method, Quality Systems Manual (QSM) for Per- and polyfluoroalkyl substances (PFAS) which is different than the method used by Michigan PFAS Action Response Team (MPART). C. Varley said that EGLE needs to follow the QSM method for split samples collected at Wurtsmith, or the USAF cannot fund the split samples analysis. M. Weegar mentioned that the QSM only establishes how laboratories, from a consistency standpoint, analyze media other than drinking water but it does not specify a certain analytical method. He added if EGLE sends the split samples to a Department of Defense (DoD) approved laboratory and request that the samples be analyzed in compliance with DoD QSM, the split samples will be analyzed the same way as the original USAF samples, and both results will be comparable.
- ii. Provide EGLE's response on reporting total PFAS for the CTS, MTPS and FT002 Substantive Requirements Document (SRD)'s sampling plan changes.
 1. C. Varley said she provided her response to M. Siler, which included some questions and clarifications. M. Siler stated that Tarek Buckmaster sent an email yesterday. B. Place mentioned that the Water Resource Division will need to provide responses to C. Varley [**Action Item**].
- iii. Provide list of other superfund projects that are providing data prior to reports.
 1. B. Place mentioned that she has superfund projects that the data was provided prior to the report being submitted. C. Varley asked for the list of those other projects so she can provide it to the USAF Legal since the Michigan Attorney General (AG) said that anything submitted to EGLE is releasable. B. Place said they will provide a formal letter requesting the data to be shared and provide the list of different sites where they received the data prior to the reports [**Action Item**].
 2. M. Weegar mentioned that there were steps to get to a formal agreement between USAF Legal and the Michigan AG on how the data should be shared and in which format and asked if there was any progress. B. Place said the data sharing agreement was not finalized because it is not in compliance with the Michigan Freedom of Information Act (FOIA) policy.
 3. M. Weegar added that the USAF is not trying to be un-cooperative, but the USAF Legal said that the draft documents should be only shared via Box.com, in a "read-only" format, until the formal data sharing agreement is established. M. Weegar added that system monitoring data like FT002 can be shared after it is validated, but other investigation sampling data cannot be shared prior to the report submittal because it is not consistent with pre-decisional information.
 4. J. Mosher stated that the FOIA law is a struggle to them as well, but the AG interpretation of the Michigan FOIA rule is that something that is considered pre-decisional, does not include factual information or factual data, but the technical opinion on the data is pre-decisional. However, the part of the report that includes just data, are subject to be released under the Michigan FOIA law. EGLE will have to confirm if this is also true based

on the Federal FOIA law. J. Mosher will check with the Michigan AG on this issue and that the facts are facts that should be released. He understands that the data might be taken out of context, but they will check if there is any difference between the Michigan FOIA laws and the Federal FOIA law [**Action Item**].

5. J. Mosher said that receiving data prior to receiving the reports will help speed up the review process and that he does not want to be submitting FOIA requests to receive data that could have just been shared by the USAF. J. Bradley said that this action item is important, but he wanted to add that the value of receiving the data early is as important to EGLE as it is to the USAF, since it will speed up the review process and if there was not any value in it, they would not have requested the release of the data prior to the report submittal. C. Varley said that the data is not official until it is included in a report and is not subject to FOIA.

Air Force

- iv. Provide EGLE the updated PFAS RI schedule. Provided via email 30 June 2021. If dates have changed provide updated version.
 1. P. Bond stated they do have an updated schedule and will send it out [**Action Item**].
- v. State in writing what SOPs will be used for the current sampling at LF030/031.
 1. C. Varley said this was provided via an email 17 June 2021.
- vi. Follow up with USAF Management regarding the placement of meeting recordings on Box.com.
 1. The BCT Meeting recordings from February through June 2021 were uploaded to the Box.com site on 24 June 2021.
- vii. Check with Air Force management about providing field documents and daily field notes to EGLE.
 1. J. Mullett said the answer received was a “no”. C. Varley said that contractual document submittal is between the USAF Contracting personnel and the Contractors themselves and she does not have control on those documents.
 2. C. Castillo said that the daily field notes cannot be shared because if something happens in the field, they will need to get it fixed with the contractor, whether it will be included under the existing contract or requires additional modification, and they would like to get those resolved prior to the field notes being released to the public.
 3. C. Varley said that all the field notes will be included in the final report and EGLE will be able to review them then.
 4. M. Weegar proposed a weekly report including a summary of Remedial Investigation (RI) field activities progress [**Action Item**].
 5. C. Varley stated that an RI calendar/field schedule will be developed.
- viii. Explain why Air Force will not provide data and information. FOIA Concerns from USAF legal.
 1. Response provided earlier in section 2.b.iii.
- ix. Explain why Air Force will not provide data and information in useable format.
 1. Response provided earlier: FOIA concerns from USAF Legal. See Section 2.b.iii. above.

The following items were not discussed during the 16th of June 2021 BCT meeting; however, they were added to the July BCT Agenda per EGLE comments.

- x. Provide minutes for BRAC Environmental Construction and Optimization Services (BECOS) Kick off meeting or plan for this. No meetings were recorded, handouts were submitted to EGLE in Lansing during the 24 June 2021 Transition Meeting.
 1. J. Mullett mentioned that a kickoff/transition meeting was conducted in Lansing on 24 June 2021, the BECOS Kick-off meeting B. Place is referring to, was a general BECOS contract Kick-off meeting that was conducted at the beginning of the BECOS contract.

- This kickoff meeting included different bases in addition to Wurtsmith, and no regulators were invited. C. Castillo said that the BECOS Kick-off meeting only discusses contractual items. J. Mullett stated that there were no meeting minutes recorded during the 24 June 2021 meeting, however, he will provide EGLE with the electronic slides of the meeting [Action Item].
- xi. Monthly Technical Status Reports - update on how they will be provided to EGLE.
 1. J. Mullett mentioned that Wood created a SharePoint site to share documents with USAF and EGLE. S. Bashir mentioned that only B. Place has access to the SharePoint site and asked who from EGLE will need access to the MTSR. B. Place stated she will provide a list of people who will need access to the MTSR's [Action Item].
 - xii. Remedial Action-Operation (RA-O) minutes, provide update on how they will be provided to EGLE.
 1. B. Place requested to see the RA-O meeting minutes as well as the MTSR reports. C. Varley said that these documents cannot be shared unless they are considered completely final and that she is working with the USAF Contracting to see which documents can be shared outside the organization [Action Item]. M. Weegar mentioned that the MTSRs are contractual deliverables that represent a mile-stone payment deliverable so the contractor can get paid as soon as they are approved by the USAF and if they share those with EGLE, it will be a courtesy. B. Place said there is more information included in the MTSR than represented in the Annual Report, and it is very helpful to receive the MTSRs.
 2. C. Castillo requested that B. Place provides a list of documents EGLE wants the USAF to share periodically, and she will check if this is allowed under the BECOS contract [Action Item].
 - xiii. Provide update on calendar/Schedule/Tracker/site SharePoint
 1. J. Mullett said that a document tracker spread sheet was submitted prior to this BCT Meeting and the tracker will be uploaded to the SharePoint Site.
 - xiv. Provide update on document priority.
 1. C. Varley said that field work is priority and any document related to field activities should be priority for EGLE's review.
 - xv. Provide EGLE FT002 underground storage tank (UST) confirmation sampling data and water data EDD.
 1. P. Walz stated that the report is scheduled to be submitted draft to the USAF mid to late August 2021.
 - xvi. Provide EGLE Electronic Data Deliverable (EDDs) for Long-Term Monitoring (LTM) reports.
 1. Response provided earlier in section 2.b.iii
 - xvii. Provide LF30/31 PFAS influent/effluent and groundwater sampling EDDs
 1. Response provided earlier in section 2.b.iii
 - xviii. Provide update on requested Interim Response Action (IRA) between FT002 and Mission Street.
 1. C. Varley stated that a letter went to senior USAF leadership, and that the agreement is awaiting signature. C. Varley suggested that J. Mosher start the weekly conversation with USAF leaders and M. Weegar recommended that J. Mosher reach out to Dan Medina as he is the AFCEC/CIB Branch Chief.
 - xix. Provide proposed restrictions for Oscoda Wurtsmith Airport Authority (OWAA) 10 parcels.
 1. B. Place said it will be helpful if they know what restrictions will be proposed on the parcels that will be transferred to OWAA. C. Varley stated that the USAF Legal and Real Property Staff are working on the document, and she does not have the final proposed document yet.

- xx. Provide status of request for building survey and sub slab sampling.
 - 1. C. Varley stated that the USAF subject matter experts (SMEs) are reviewing the Volatilization to Indoor Air Pathway (VIAP) Report submitted by Wood. As soon as the review process is completed, and report is ready, it will be submitted to EGLE.
 - 2. M. Weegar requested clarification on the email B. Place sent to Gary Kellen at OWAA, requesting completion of building survey. B. Place stated that she requested the USAF to complete a building survey first and then they sent it to OWAA to complete a survey based on Michigan Department of Health and Human Services (MDHHS) concern regarding indoor-air quality at the Wurtsmith AFB. B. Place said that there is an exemption if the property is regulated under Occupational Safety and Health Administration (OSHA) then EGLE will not be responsible for indoor air quality evaluation or monitoring.
 - 3. M. Weegar said that the USAF is following the US Environmental Protection Agency (EPA) vapor intrusion (VI) evaluation process and that the VIAP evaluation is a tiered approach. If the sampling results exceed screening values, the next step will be to collect sub-slab, followed by indoor air samples if the sub-slab samples exceed screening levels. Since all the buildings are mainly used for industrial purposes, at this time there is no record of what is stored at each building.
- xxi. Plan to Review of the Installation Restoration Program (IRP) and monitoring network.
 - 1. B. Place said that the monitoring plan for the legacy contaminants should be looked at holistically to see the current contamination plume maps, sampling network, and frequency. If this information will be included within the new contract Quality Assurance Project Plan (QAPP) it will be great.
 - 2. M. Weegar said that the sampling network and frequency is conducted as described in the remedial action plans/decision document for each IRP. B. Place said that she has not reviewed each Decision Document and she is requesting more information to be included into the QAPP so EGLE understands the proposed optimization to the LTM sampling network and frequencies.
 - 3. M. Weegar said that any recommendation included in the Annual Reports to eliminate a well from the sampling network or to reduce the sampling frequency, is typically consistent with the remedial action plan/decision documents. A. Stawowy mentioned that the recommendation to optimize the sampling network is typically based on the current plume map, trend analysis, and if the plume has been shrinking then some wells are recommended to be reduced. This information is included in the report itself.
 - 4. C. Varley requested Bay West and Wood to meet with EGLE and discuss one of the sites where reduction to the sampling network and frequency was recommended in the 2020 Annual Report. B. Place to pick the site to be discussed during the next BCT meeting
[Action Item]
- xxii. Plan to Provide LTM report.
 - 1. Discussed earlier in section 2.b.xii
- xxiii. Update on Site Management Plan (SMP).
 - 1. M. Baltusis stated he was going to talk to B. Place separately regarding the SMP. M. Baltusis will provide an example of the SMP they completed for other superfund sites
[Action Item].
- xxiv. Action item from Restoration Advisory Board (RAB) for AF/EGLE to discuss how the stages of the RI QAPP will be shared with the public.
 - 1. C. Varley stated that the USAF decided not to share separate worksheets of the RI QAPP with the public.
- xxv. Provide answers on quality assurance (QA) sampling

1. Discussed in section 2.b.xxvi.
- xxvi. Provide examples of other states Sampling and Analysis Plan (SAP).
 1. B. Place mentioned that their understanding of split sampling methodology is that the USAF contractor will fill the sample bottles for EGLE, and they will just send it to their contracted laboratory for analysis. M. Weegar asked EGLE to give the USAF advanced notice of which wells they would like to collect splits so the USAF contractor can plan the sampling activities accordingly. M. Weegar mentioned that per DSMOA, EGLE may be eligible for reimbursement for analytical costs up to 10% of the total samples collected by the USAF.

3. Document Submission Schedule and Status

Wood/CTI

- a. Draft-Final QAPP Addendum
 - i. J. Mullett stated the document is scheduled to be submitted to the USAF draft at the end of August/September 2021, and submission to EGLE is anticipated to be around October 2021.

Bay West

- a. Draft-Final 2018 Pump and Treat System (PTS) Annual Report
 - i. P. Walz stated they are currently working on the Response to Comments (RTC).
- b. Draft SS017 Site Closure
 - i. P. Walz stated the status has not changed since last month's BCT.
- c. Draft SS072 Proposed Plan
 - i. P. Walz stated it can be taken off the agenda.
- d. Draft Five-Year Review
 - i. P. Walz stated that it was still under USAF review.
- e. Draft-Final 2019 LTM Annual Report
 - i. P. Walz stated they have received comments from EGLE and are working on RTC's.
- f. Draft-Final 2019 Systems Annual Report
 - i. P. Walz stated they have received comments from EGLE and are working on RTC's.
- g. Draft 2019 LUC Report
 - i. P. Walz stated that the Land Use Control (LUC) report has been finalized and has been posted to the collaborative website.
- h. Draft-Final 2019 PTS Annual Report
 - i. P. Walz stated they have received comments from EGLE and are working on RTC's.
- i. Draft-Final 2020 LTM Annual Report
 - i. P. Walz stated they have received comments from EGLE and are working on RTC's.
- j. Draft VIAP RI Addendum Report
 - i. P. Walz stated it was submitted to the USAF on June 29th and is still under USAF review.

Aerostar

- a. Van Etten Lake Proposed Plan
 - i. P. Bond stated the document has been finalized and the notice to the public has been issued indicating a comment period of 4 August to 3 September 2021. A public meeting will be held on 31 August 2021.
- b. Clark's Marsh Interim Record of Decision
 - i. P. Bond stated they are waiting on USAF legal comments on the document.
- c. PFAS RI Uniform Federal Policy (UFP)-QAPP

- i. P. Bond stated that they have submitted the comments and posted them to box.com and everybody should have access to them.
- d. Risk Assessment Work Plan
 - i. P. Bond stated they are still waiting on the risk assessment workplan. All RI info will be taken out of UFP-QAPP and placed into the addendum.
- e. Mission Pump and Treat System (MPTS) Action Memorandum
 - i. P. Bond stated It is under AF legal review.
- f. Remedial Action Work Plans
 - i. P. Bond stated they are planning to submit those work plans very soon.

Bay West – To be submitted

- a. Draft 2020 LUC Report
 - i. P. Walz stated that it is under USAF for review.
- b. Draft 2020 Systems Annual Report
 - i. P. Walz said it is scheduled to be submitted to the USAF in August 2021.
- c. Draft 2020 PTS Annual Report
 - i. P. Walz said it is scheduled to be submitted to the USAF in August 2021.
- d. Draft FT002 Remedial Action-Completion (RA-C) Report
 - i. P. Walz stated that it is scheduled to be submitted to the USAF in draft form in August 2021.
- e. Draft FT002 UST Removal Technical Memorandum
 - i. P. Walz stated that it is scheduled to be submitted to the USAF in draft form in August 2021. B. Place asked that the dates for EGLE submittal be added to the agenda. **[Action Item]**.

4. Field work updates and schedule

Wood/CTI

- a. FT002 Granular Activated Carbon (GAC) Treatment System Status
 - i. Continued regular operation and maintenance (O&M) (Wood/CTI commenced O&M on 28 June 2021).
 - ii. Effluent results – were compared to SRD values. Results were below maximum discharge limits.
 - iii. Monthly system sampling of FT002 took place on 7 July 2021.
 - iv. Weekly sampling, based on historical GAC change out, for the FT002 PTS is scheduled to start the week of 19 July 2021.
 - v. Based on sampling results, GAC changeout of lead vessel is tentatively scheduled for the week of 9 August 2021.
- b. LF 30/31- Engineered Wetland Treatment System (EWTS) Status
 - i. Continued regular O&M (Wood/CTI commenced O&M on 28 June 2021).
 - ii. Effluent results were compared to SRD values.
 - iii. Monthly system sampling took place on 7 July 2021.
- c. 2021 RA-O groundwater monitoring is scheduled to start on 19 July 2021. Completion of the RA-O groundwater monitoring is tentatively scheduled to be completed in October 2021.
- d. SS057 Performance monitoring will be completed as part of the 2021 annual RA-O groundwater monitoring event and is tentatively scheduled for the week of 3 October 2021.
- e. FT002 Performance monitoring will be completed as part of the 2021 annual RA-O groundwater monitoring event and is tentatively scheduled for the week of 6 September 2021.
- f. The annual base-wide groundwater gauging event will be completed by Wood and is tentatively scheduled for late September/early October 2021.

Bay West

- a. VIAP Update
 - i. 4th quarter (Q4) sampling event took place the week of 15 February 2021. The Draft Report was submitted for USAF review in June 2021. Fieldwork was completed.
- b. SS057 Remedial Action Work Plan (RAWP) Implementation
 - i. The third injection event was completed 11 November 2020, with substrate addition limited to the middle trench. Field work associated with the first semi-annual performance monitoring event for 2021 was completed the week of 05 April. The fourth injection took place the week of 14 June 2021. Fieldwork complete.
- c. FT002 RAWP Implementation
 - i. Concrete pad demolition, which was combined with the UST removal and IAB system construction, began on 19 April 2021. A sample of the water in the UST was collected on 08 March and submitted for volatile organic compounds (VOC) and PFAS analysis. PFAS compounds were detected, VOCs were not. Pumping the water out of the UST and processing it through the FT002 treatment system occurred on 15 April 2021. Field work associated with the baseline sampling event was completed the week of 12 April. The In-Situ Anaerobic Bioremediation (IAB) trench installation and UST and concrete pad demolition was completed 19 April - 7 May 2021. The first injection took place the week of 7 June 2021, phosphate was omitted only nitrate was injected. Fieldwork complete.

Aerostar

- a. Central Treatment System (CTS) Status
 - i. Continued regular O&M.
 - a. VFD upgraded yesterday (27 July 2021).
 - ii. Effluent results in compliance with the SRD .
 - iii. Transition O&M to BECOS contractor on 31 July 2021.
- b. MPTS Status
 - i. Continued regular O&M.
 - ii. Effluent results in compliance with the SRD.
 - iii. Transition O&M to BECOS contractor on 31 July 2021.
- c. PFAS Remedial Investigation Status/Schedule
 - i. Phase 1 includes sampling all the monitoring wells that were not sampled before for PFAS and are located within the suspected PFAS areas. Sampling should be completed in approximately 8 days. Phase 2 will be the soil delineation, scheduled to begin on 16 August 2021. The first area to be delineated will be the FT002 pad area.

5. Air Force Updates

- a. PFAS Remedial Investigation
 - i. Memorandum of understanding (MOU) between Air Force and US Forest Services (USFS) is in negotiation. AF legal is also looked at an Access Agreement in addition to the MOU.
 - ii. Remedial Investigation field work status and path - updated earlier in section 2.b.vi.
 - iii. Research Projects/Demonstrations/Pilots - C. Varley stated nothing is funded at this time.
 - 1. Multiple projects are in the works such as: soil washing and clay mat filtration at 3 Pipes.
 - iv. Redevelopment/sampling at LF030/31 - conducted between 15 and 21 June 2021.
 - 1. Select monitoring wells were redeveloped and sampled at LF031/031 for PFAS to monitor discharge per an email from J. Bradley.

BREAK

- b. FT002 PFAS soil removal
 - i. Goal is to get everything staged so it can be completed this year. The FAA waiver is in place and AF is coordinating with OWAA.
- c. IRA between MPTS and FT002
 - i. Previously discussed in section 2.b.xvii.
- d. OWAA 10 parcels
 - i. Previously discussed in section 2.b.xix.
- e. RAB Update
 - i. RAB Meeting completed on 21 July 2021. Next RAB scheduled for 1 September 2021, after the public meeting.
- f. Oscoda Township Stormwater discharge fee
 - i. M. Weegar stated AF has not received a response from Oscoda township. C. Varley has a meeting scheduled with them to discuss tomorrow.
- g. EWTS update
 - i. Previously discussed in section 4.b.
- h. Follow on contractor update
 - i. J. Mullett indicated this was a task for Wood to follow up. C. Varley stated that this can be removed from future agendas.
- i. Vapor Intrusion
 - i. C. Varley stated that the USAF SME are still reviewing the VIAP Report . After the RTCs are addressed, the report will be submitted to EGLE for their review. Submission to EGLE is estimated to occur in October 2021.
- j. Military Munitions Response Program (MMRP) Sites
 - i. C. Varley stated that they have requested funds, and that it is in progress.
- k. Notification of sample collection, field work, decisions
 - i. Previously discussed in section 2.b.iv.

6. EGLE Updates

- a. RAB topics and Communication of meeting dates.
 - i. C. Varley stated that at the upcoming RAB scheduled for 1 September 2021, at the Shoreline Players Theater in Oscoda the data would be discussed from a 10,000 ft view. The thought is that posters will be presented, then the traditional RAB meeting, and back to the posters for more discussion.
- b. BCT Agenda Process
 - i. J. Mullett stated that Wood is planning to send the agenda a week in advance so that EGLE would have a chance for review.
- c. Lack of sharing of Data/information request
 - i. Previously discussed in section 2.b.iii.
- d. Utility of PM calls and how these will be documented
 - i. B. Place wants to ensure everything is documented. B. Place wants to make sure action items are responded to as soon as possible.
- e. Biweekly meetings during PFAS Remedial Investigation and Discussion of Communication
 - i. B. Place indicated sharing in advance may be helpful.
- f. EGLE/SOM Meetings Scheduled
 - i. There have been some cancellations due to town halls and other events and there should be double checking on scheduling earlier to avoid cancellations. Next meeting is scheduled on 18 August 2021.
- g. SS072 request for presentation

- i. P. Walz said they received verbal authorization to move forward on the risk assessment and formal approval should be received in the next few days. C. Varley asked P. Walz if his team could then provide a presentation for EGLE. P. Walz indicated they could, following interaction with risk assessor and meeting with AFCEC early next week **[Action Item]**.
- h. Request for presentation and discussion on IRPs and LTM for each IRP
 - i. Previously discussed in section 2.b.xxi.

7. EGLE RRD- Bay City District Updates

- a. Oscoda area sampling
 - i. AECOM is currently collecting Quarterly samples in the area and were completed and results will be available in August 2021.

8. EGLE WRD Updates

- a. Surface water/fish sampling in area
 - i. M. Siler stated there are no updates.
- b. Oscoda Township Wastewater Treatment Plant Update: status of additional PFOS/PFOA sampling; actions related to PFOS/PFOA discharges to groundwater
 - i. M. Siler stated that water resources division, emerging pollutant section, sent a letter to the WWTP asking them to continue their efforts to address PFAS discharges from the treatment plant to the groundwater. Oscoda Township previously identified potential sources within the sanitary system and the letter requests them to follow up on the potential sources.

9. MDHHS Updates

- a. Residential Well sampling update
 - i. P. Vij stated there are no major updates (same update as RAB): they have collected samples from 241 wells and have results from 218 samples so far. Of those, half of them is non-detect (ND) and 109 have detections. Of those with detections, 14 exceed MDHHS comparison values.
- b. Health advisory updates (if any)
 - i. P. Vij stated there are no major updates.
 - ii. A. Armbruster asked if exceedances in drinking water wells are identified, what is the process the USAF has considered in the short term? M. Weegar said that the Department of Defense (DoD) policy right now and EPA policy on private drinking water wells is to take action on levels above the Health Advisory level of 70 parts per trillion (ppt).
 - iii. M. Weegar asked if the MDHHS are collecting nitrate and nitrite samples before filters to determine if the PFAS impacts are coming from the septic tanks based on a Cape Cod study indicating that the higher nitrate/nitrite samples in conjunction with PFAS detections, indicate that the source is from the residential septic tanks. A. Keatley said that they are collecting general chemistry samples as well, but the analysis will not include any kind of cause or source contribution to that sample, they are just looking at the samples from the public health standpoint and assess if the filters are effective in removing any contamination or general chemistry concerns that could be in drinking water. M. Weegar mentioned that the health department indicated that the deer consumption advisory area had been reduced from 5 miles to 3 miles. P. Vij said that the deer advisory has been approved and will be published soon.
 - iv. M. Weegar asked whose responsibility is it to evaluate private well sampling data and the nitrate concentrations, if it isn't a public health issue, is that the Bay City District? A. Armbruster responded that this is something that has been discussed. From completed

monitoring sampling, they can see a specific range of impact that is concerning. There are locations quite distant from the base and other sources. In the area adjacent to the lake, there are evidential problems. Concentrations are higher on the south side than the north side of the creek and if you attribute PFAS to septic only, in that east portion of the lake, why wouldn't you see concentrations that stretch the whole east side of the lake with population density and probably the same depth as drinking water.

10. Schedule Next BCT Meeting

- a. 25 August Teleconference 0900-1100 EST
- b. 22 September probably teleconference but to be determined. 27 October probably teleconference but to be determined

11. Action Items

- a. EGLE
 - i. The Water Resource Division to provide responses to USAF regarding the CTS, MTPS and FT002 PFAS SRD's sampling plan changes.
 - ii. B. Place to provide a formal letter requesting the data to be shared and provide the list of different sites where they received the data prior to the reports.
 - iii. J. Mosher to check if there is any difference between the Michigan FOIA laws and the Federal FOIA law.
 - iv. B. Place to provide list of who will be given access to the Wood's new SharePoint site.
 - v. B. Place to provide a list of documents EGLE wants the USAF to share periodically and USAF contracting officer will check if this is allowed under the BECOS contract.
 - vi. B. Place to pick an IRP Site to discuss its sampling plan and LTM optimization recommended in the 2020 Annual LTM Report during the next BCT Meeting
 - vii. M. Baltusis to provide an example of the SMP EGLE completed for another superfund site.
- b. Air Force
 - i. C. Varley to check with contracting officer if EGLE can have access to MTSR and RA-O meeting minutes since those are contractual documents.
- c. Wood/CTI
 - i. J. Mullet to provide EGLE with slides from June 24th meeting.
 - ii. Add the scheduled dates for documents to be submitted to EGLE to the Agenda.
 - iii. Bay West and Wood to meet with EGLE and discuss one of the sites where reduction to the sampling network and frequency was recommended in the 2020 Annual Report.
- d. Bay West
 - i. P. Walz to prepare a presentation regarding SS072 and present to EGLE at next BCT meeting.
- e. Aerostar
 - i. P. Bond to provide updated RI schedule to EGLE.
 - ii. Provide weekly/periodic summaries of RI field activities progress.