

**Meeting Minutes**  
**Wurtsmith BCT Meeting**  
**27 May 2020**  
**Teleconference**

Bay West Project No. J150073  
Location: Teleconference

Meeting Date: Wednesday, 27 May 2020  
Meeting Time: 0900-0945 EST

**MEETING ATTENDEES VIA TELECONFERENCE:**

Dave Gibson	AFCEC	Lee Major	Cherokee Nation
Mark Weegar	Cherokee Nation	Andrea Keatley	MDHHS
Jeremiah Morse	AECOM	Dale Corsi	DLZ
Paul Walz	Bay West	Saamih Bashir	Wood
Andrea Stawowy	Bay West	Ryan Morrish	Bay West
Matt Siler	EGLE- WRD – Bay City	Amanda Armbruster	EGLE- RRD – Bay City
Charlie Bauer	EGLE- WRD – Bay City		
David Kline	EGLE – RRD – Superfund Section Manager, Lansing		
Mike Neller	EGLE- RRD – RRD Director, Lansing		
John Bradley	EGLE-RRD – Superfund Section, Lansing		
Beth Place	EGLE-RRD – Superfund Section, Lansing		
Brad Ermisch	EGLE-RRD – Superfund Section, Lansing		

The meeting was held via Skype. The meeting began at 0900 hours on 27 May 2020 and adjourned at 0945 hours. The meeting agenda is attached and posted to the Bay West Collaborative Website.

**1. Opening Remarks**

P. Walz 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 28 April 2020 BCT Review**

- a. The 28 April 2020 BCT Meeting Minutes are still under review by EGLE, they will submit comments, later today. (Note: EGLE provided comments on 28 May 2020, the minutes were posted as final on the Bay West Collaborative Website the same day, a copy will be placed in the Oscoda Township Library once it reopens.)
- b. Action Items – EGLE
  - i. Provide comments on Wurtsmith documents
    1. Discussed in section 3 below.
  - ii. Review Wurtsmith UFP-QAPP and propose metrics that will be used for data quality assessment should QA/QC samples be collected by EGLE, including reconciliation if the agreed upon metrics are not achieved.
    1. B. Place agreed to review the QAPP and the split sampling language. B. Place will draft a split sampling procedure and the Air Force will review and comment. The task is not to revise the QAPP. This task is in progress and should remain on the agenda.
  - iii. Draft the CTS and MPTS Interim sampling plan or revised SRD.
    1. T. Buckmaster is the lead on this task and he did not attend this call, the topic was tabled until the next BCT meeting.
  - iv. Re-evaluate SS-57 ESD comments.
    1. EGLE concurred with the ESD, this action item is closed.

- c. Action Items – Air Force
  - i. D. Gibson will investigate the draft document review process after a document has been placed on the document review website. Specifically, can the document remain available for reference until it goes final.
    - 1. D. Gibson stated the Bay West and Wood have verified that documents can remain on the website Box.com if a corporate account is used. S. Bashir confirmed that if a corporate account is used a document can be reposted to be reviewed at a later date.
  - ii. Follow up on LF-30/31 FS to see if the work is included in next year’s plan.
    - 1. D. Gibson said next year’s plan includes work to complete the design for the drainage and the work described in the FS.

**3. DOCUMENT SUBMISSION SCHEDULE AND STATUS**

- a. Draft 2017 LTM Annual Report (Bay West)
  - i. Responses to EGLE comments are under Air Force review.
- b. Draft 2017 PTS Annual Report (Bay West)
  - i. Document posted as final on 22 April 2020.
- c. Draft 2018 LTM Annual Report (Bay West)
  - i. Responses to EGLE comments are under Air Force review.
- d. Draft 2018 PTS Annual Report (Bay West)
  - i. Submitted for Air Force review 18 March 2020, it should be submitted to EGLE in approximately 40 days.
- e. Draft Final SS-57 ESD (Bay West)
  - i. EGLE concurred on 5 May 2020. Bay West will prepare a Draft Public Notice for Air Force review.
- f. Draft SS-57 RA-C Report (Bay West)
  - i. Document has been approved by the Air Force; Bay West will submit the document to EGLE using the new process on the Box.com website once Bay West has an account established.
- g. Draft SS-017 Site Closure Technical Memorandum (Bay West)
  - i. Approved by the Air Force, Bay West will submit it after the VIAP Work Plan is approved, document will be posted on Box.com once Bay West has an account established.
- h. Draft SS-072 Proposed Plan (Bay West)
  - i. Currently under Air Force Review
- i. Five-Year Review (Bay West)
  - i. Document currently under Air Force for review.
  - ii. EGLE will receive the document in approximately 4 weeks.
- j. VIAP Work Plan (Bay West / Wood)
  - i. Will be submitted as final
- k. The Final ESI Report (Wood)
  - i. Final ESI Amendment was submitted on 28 April 2020, EGLE comments and Air Force responses have also been posted.
- l. 2019 Annual Reports (Bay West)
  - i. LTM AR is scheduled to be submitted to the Air Force in June 2020.
  - ii. Systems AR is scheduled to be submitted to the Air Force in July 2020.
  - iii. PTS AR is scheduled to be submitted to the Air Force in August 2020.

#### 4. FIELD WORK UPDATE AND SCHEDULE

- a. FT-02 Carbon Change out
  - i. The 19<sup>th</sup> GAC change out took place on 5 March 2020. The next change out is scheduled for the week of 8 June 2020, this date could be pushed back, depending on analytical results from the weekly sampling. The 11 May 2020 results were ND for both PFOA and PFAS.
- b. SS-57 RAWP Implementation
  - i. The second injection is scheduled for the end of June 2020.
- c. FT-02 RAWP Implementation
  - i. Bay West working with the Air Force on a Modification in the near future that will include concrete transportation and disposal off-site. Once contract mod is awarded, Bay West will implement the FT-02 VOC source area RAWP.
- d. Annual LTM groundwater monitoring
  - i. The LTM Annual sampling began in May 2020. Bay West will follow the 2019 Sampling Plan as it was approved in the Annual Reports. Bay West has completed LF-27, SS-72 and LF-30/31. Dates for the June 2020 sampling will be provided to EGLE. Sites SS-05, SS-71, SS-06 and SS-21 are on the schedule.
- e. VIAP Update
  - i. Field work started the week 4 May 2020. All the soil gas locations were installed and collected. The Sub slab sampling is being completed this week.
  - ii. According to the work plan, the results would be presented to EGLE after all four quarters were collected. D. Gibson stated that EGLE will receive the results after each Quarter's results are validated.
  - iii. B. Place asked if there were any major problems during the field work. S. Bashir answered no, site access and work execution were both smooth.

#### 5. AIR FORCE UPDATES

- a. RAB
  - i. Topic was discussed with item g.
- b. Central Treatment System (CTS) Status
  - i. CTS is operating as designed, effluent results are good.
- c. Mission Pump and Treatment System (MPTS) Status
  - i. MPTS is operating as designed, effluent results are good.
- d. LF-30/31 FS Status
  - i. FPM is the contractor finalizing the 30% Design. This project is "in the books" for the design to be completed next year.
- e. OWAA 10 parcels
  - i. D. Gibson stated that the Air Force is working on real estate and legal issues, it is not a quick process. D. Gibson stated that OWA would like to demolish building 5065 this summer, so he hopes the Air Force and OWAA can work together to accomplish this task in a timely manner.
- f. MPTS EE/CA and Action Memorandum
  - i. The document is in Air Force review, the RTC and redline strikeout have been received.
- g. Tentative schedule for the PFOS/PFOA RI, with milestones
  - i. The RI is on track to be awarded in September 2020 and could be as early as August 2020. The Contract includes interim remedial actions to expand the capture zone at FT002 site and near the Central Treatment System. The Air Force is working on the implementation process with the contractor, so new wells can be placed in the most optimum locations. Modeling will be completed upon award, at this time there is no schedule. The schedule will be

established by the Contractor after award. The first item will be to collect data for the expansion of the treatment systems. M. Neller asked if the Air Force contractor will be using the EGLE data. D. Gibson stated that if the data passes all Air Force QC requirements it is applicable to planned work, it will be used by the Air Force.

- ii. Air Force Public Affairs is sending out a doodle poll to schedule the next RAB meeting on 15 or 22 July 2020. The Air Force will discuss the RI, and Wurtsmith remediation topics. M. Neller asked if Air Force travel is still restricted at this time. D. Gibson stated that it is, the RAB will be a virtual meeting but if something changes then it will be held in person. The Air Force has a Web Ex account, and the meeting will be the same approach as last time. The Air Force will make sure all RAB members understand how the web system works. B. Place asked what other topics the Air Force will discuss. D. Gibson stated that SS-57 and the VIAP will be on the agenda, but it has not been finalized yet.

## **6. EGLE RRD – SUPERFUND SECTION UPDATES**

- a. RAB
  - i. B. Place requested the Air Force share any topics they plan on discussing. In the past, joint presentations were done and EGLE remains open to participating if the Air Force is interested.
- b. EGLE data
  - i. As requested by the Air Force, EGLE will not forward its PFAS data to Air Force until the RI contractor is on board. The Air Force encouraged EGLE to have this data available for the RI contractor.
- c. Other
  - i. EGLE will be providing Oscoda Township with two wash stations to be installed, one at Ratliff Park and the other at the State Campground. (the topic was discussed during the BCT and finalized in follow up emails after the call). The wash stations are in response to the health advisory since foam collection was near impossible. The stations will provide a washing location in the event individuals want to be able to rinse themselves off as a precaution.

## **7. EGLE RRD – BAY CITY DISTRICT UPDATES**

- a. Kings Corner Road Dump
  - i. No update.
- b. Oscoda area sampling
  - i. A. Armbruster stated Quarterly sampling results have been received.

## **8. EGLE WRD – UPDATES**

- a. SRD Update: Process to issue “replacement” SRD for CTS and MPTS
  - i. T. Buckmaster is the lead and he was not on the call. Topic tabled until the next BCT meeting.
- b. Other – Surface water/fish sampling in area
  - i. Joe Bore is heading up the surface water and fish sampling, but he is retiring.
  - ii. Oscoda Township is in the process of completing an evaluation of PFAS sources to the Wastewater Treatment Plant (WWTP). D. Gibson asked if EGLE was aware that the Air Force removed all of the sludge from the WWTP lagoons, down to the lagoon liners, as part of the closure of the WWTP in 1997, and that the Township installed new liners in the WWTP lagoons when the Township renovated the WWTP in 2003? C. Bauer stated that EGLE is aware, but they are discussing what is coming into the WWTP now. M. Weegar noted that

the Township has previously attributed the concentration of PFOS being discharged from the WWTP to the infiltration beds/groundwater to past use of the WWTP by the Air Force. M. Weegar stated given that the lagoons were cleaned out by the Air Force during closure, and that the Township installed new liners, this seems unlikely. B. Place will follow up to determine if the updated letter from EGLE to the Township has been sent out yet. M. Weegar commented that Township data from manholes with PFAS results has been received by the Air Force. The Draft report prepared by the Township's consultant indicated that the highest detection of PFOS, 456 ppt, was detected in a sample collected downstream from the hanger area. C. Bauer stated that they are working with the Township to survey the tenants asking for follow up sampling. D. Gibson commented this might be a good RAB topic. C. Bauer stated that it would be presented after the evaluation is completed, and all the questions are answered. D. Gibson said they could just inform the RAB that the study is underway. M. Siler stated the influent and effluent of the WWTP are sampled monthly and the results are located in Table 2.

## **9. MDHHS UPDATES**

- a. Residential Well sampling update
  - i. A. Keatley stated that all residential sampling is on hold due to COVID-19.

## **10. Next Meetings:**

- a. BCT – 24 June 2020 0900-1100 EST
- b. BCT – 29 July 2020 0900 – 1100 EST

## **11. ACTION ITEMS:**

- a. EGLE
  - i. B. Place will review the Wurtsmith UFP-QAPP and propose metrics for assessing data quality for split samples and corrective actions if metrics are not met.
  - ii. Draft CTS and MPTS Interim sampling plan or revised SRD

27 May 2020

BCT Teleconference – Agenda

Wurtsmith AFB, Oscoda, MI

**1. Air Force Opening Remarks/General Business Discussion**

**2. Previous BCT Meeting – 28 April 2020**

- a. Meeting Minutes – comments/approval
- b. Action Items - EGLE
  - i. Provide comments on documents submitted for review in accordance with the schedule provided.
  - ii. Review Wurtsmith UFP-QAPP and propose metrics for assessing data quality for split samples and corrective actions if metrics are not met.
  - iii. Draft CTS and MPTS Interim sampling plan or revised SRD.
  - iv. Re-evaluate SS-57 ESD comments.
- c. Action Items - Air Force
  - i. D. Gibson will investigate the process after a document has been placed on the document review website. Specifically, can the document remain available for reference until it goes final.
  - ii. Follow up on LF-30/31 FS to see if the work is included in next year’s plan.

**3. Document Submission Schedule and Status**

Document (Contractor)	Date submitted to EGLE	EGLE Review Status	Comments
Draft 2017 LTM AR (Bay West)	11-21-18	Comments Rec'd 3/25/20	RTCs under Air Force Review
Draft 2017 PTS AR (Bay West)			Final document posted on 22 April
Draft 2018 LTM AR (Bay West)	4-4-19	Comments Rec'd 3/25/20	RTCs under Air Force Review
Draft 2018 PTS AR (Bay West)			Submitted to Air Force on 3/18/20
Draft Final SS-57 ESD (Bay West)	1-9-20		Received EGLE Concurrence on 05 May. Preparing Public Notice regarding document availability.
Draft SS-57 RA-C Report (Bay West)			Draft approved by Air Force Working on getting an account with box.com to provide document for EGLE review.
Draft SS-17 Site Closure Tech Memo. (Bay West)			Will be submitted to EGLE after VIAP Work Plan is approved.
Draft SS-72 Proposed Plan (Bay West)			Under Air Force review
Draft Five-Year Review (Bay West)			Submitted to Air Force on 3/23/20
VIAP Work Plan (Bay West / Wood)	4-21-20		Draft copy submitted to EGLE on 4/21/20
Final ESI Report (Wood)			Response to comments in Air Force Legal review.
Draft 2019 LTM AR (Bay West)			Scheduled for submittal to Air Force in May 2020.
Draft 2019 Systems AR (Bay West)			Scheduled for submittal to Air Force in June 2020.
Draft 2019 PTS AR (Bay West)			Scheduled for submittal to Air Force in July 2020.

#### **4. Field Work Update and Schedule**

- a. FT-02 Carbon change out event was completed on 5 March 2020, approximately 102 operational days since the last change out. The next change out is tentatively schedule for the week of 8 June 2020 approximately 95 days since the last change out.
- b. SS-57 RAWP Implementation – on schedule, results from 2<sup>nd</sup> post-injection performance monitoring event are being validated and reviewed, second injection event scheduled for June 2020.
- c. FT-02 RAWP Implementation – Air Force working on modification for the transportation and disposal of the concrete pad after it has been demolished.
- d. Annual LTM groundwater monitoring scheduled to begin May 2020. The previously approved 2019 Sampling Plan is being followed. May 2020 IRP sites completed: LF-27, SS-72 and LF-30/31. IRP sites scheduled for June 2020: SS-05, SS-71, SS-06 and SS-21.
- e. VIAP Update – Field work started 4 May 2020.

#### **5. Air Force Updates**

- a. RAB Update
- b. Central GAC Treatment System (CTS) Status
- c. Mission Pump and Treat System (MPTS) Status
- d. LF-30/31 FFS status update on RTCs for LNAPL FFS and the LF-30/31 30% Drainage Design.
- e. OWA 10 parcels
- f. Mission Street EE/CA and Action Memorandum.
- g. Tentative schedule for the PFAS RI, with milestones.

#### **6. EGLE RRD - Superfund Section Updates**

- a. Other – RAB topics
- b. Submittal of EGLE data to Air Force

#### **7. EGLE RRD - Bay City District Updates**

- a. Kings Corner Road Dump
- b. Au Sable Township

#### **8. EGLE WRD Updates**

- a. SRD Update: Process to issue “replacement” SRD for CTS and MPTS.
- b. Other – Surface water/fish sampling in area
- c. Oscoda Township Wastewater Treatment Plant Update: status of additional PFOS/PFOA sampling; actions related to PFOS/PFOA discharges to groundwater

#### **9. MDHHS Updates**

- a. Residential Well sampling update

#### **10. Schedule Next BCT Meeting**

- a. 24 June 2020 teleconference 0900-1100 EST