

Meeting Minutes
Wurtsmith BCT Meeting
19 May 2021
Teleconference

Bay West Project No. J150073
Location: Teleconference

Meeting Date: Wednesday, 19 May 2021
Meeting Time: 0900-1055 EST

MEETING ATTENDEES VIA TELECONFERENCE:

Catharine Varley, PhD	AFCEC	Lee Major	Cherokee Nation
William Farrell	MDHHS	Mark Weegar	Cherokee Nation
Puneet Vij	MDHHS	Cheryl Brewer	Aerostar
Mounica Nandula	MDHHS	Jeremiah Morse	AECOM
Paul Walz	Bay West	Saamih Bashir	Wood
Dirk Pohlmann	Bay West	Jay Mullet	Wood
Ryan Morrish	Bay West	Matt Siler	EGLE-WRD - Bay City
John Bradley	EGLE-RRD - Superfund Section, Lansing	Charlie Bauer	EGLE-WRD - Bay City
Beth Place	EGLE-RRD - Superfund Section, Lansing	Amanda Armbruster	EGLE-RRD - Bay City
Joshua Mosher	EGLE-RRD - Asst. Div. Director, Lansing	Ann Person	EGLE-RRD - Bay City
David Kline	EGLE-RRD - Superfund Section Manager, Lansing		

The meeting was held via Microsoft Teams. The meeting began at 0900 hours EST on 19 May 2021 and adjourned at 1055 EST hours. The meeting agenda is attached and posted to the Bay West Collaborative Website.

1. Opening Remarks

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 28 April 2021 BCT Review

- a. 17 March and 28 April 2021 meeting minutes are under EGLE review.
 - i. B. Place stated EGLE was waiting to hear if they will receive BCT meeting recordings. C. Varley stated the answer is most likely no. B. Place wanted to clarify EGLE is only asking for the recordings to be uploaded to Box.com so if EGLE had a question while reviewing BCT meeting minutes they could double check the recording. The recording will not be released by EGLE. C. Varley will check with legal again. J. Bradley asked when a decision from legal will be made? C. Varley stated that everyone she asks states no, the recordings will not be released. C. Varley said that the issue needs to be resolved by conversations between Air Force Lawyers and the Michigan Attorney General. C. Varley stated that if the Michigan Attorney General can assure that data will be protected by EGLE, then the Air Force will be able to share more. B. Place stated that previous legal discussions concerning protection of information does not apply to the recordings because they will only be on Box.com, it applies to other data but not the recordings. A final decision continues to rest with Air Force Lawyers.
- b. Action Items – EGLE
 - i. 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 data quality metrics are not achieved. Status (summarized below) is unchanged from last month's BCT meeting. Action Item will remain on next month's Agenda.

1. B. Place agreed to review the QAPP and the split sampling language. B. Place will draft a split sampling procedure for Air Force review and comment. The task is not to revise the QAPP.
 2. B. Place stated this will be addressed during the review of the PFAS Draft QAPP.
 - ii. Forward EGLE's responses to the proposed changes in the CTS, MPTS and FT002 SRDs sampling plans to Aerostar.
 1. B. Place stated the entire Air Force team was included on the email, on 17 March 2021. C. Brewer will follow up with P. Bond.
 - iii. Provide the X and Y coordinates for Residential Sampling locations and send plan to address differences.
 1. EGLE has been sharing both EGLE and MDHHS data with Air Force. EGLE has provided the differences in coordinate information. During MDHHS sampling that is ongoing now, the sanitarians will be checking coordinates. Approximately 25 addresses will be verified. EGLE will continue to share coordinate information.
 - iv. Confirm all individuals at EGLE have received access to the Annual Reports as requested.
 1. B. Place has not received any complaints, currently there are no issues.
 - v. Find out when Fish data will be available for the Air Force.
 1. EGLE has shared all the fish data with the Air Force that is available. C. Bauer followed up with Brandon Armstrong and the next set of data will not be available until late summer/early fall 2021. There is a back log due to COVID in the lab. B. Place stated EGLE will continue to share data as it becomes available.
- c. Wood
- i. Send EGLE Q3 VIAP results
 1. Completed on 28 April 2021. Both the Q3 and Q4 results were submitted.
 2. The VIAP report is under final review and will be submitted to the Air Force by the end of the month.
 - ii. Confirm AF-MW1 was included in all tables in the final version of the sampling plan.
 1. The sampling plan was updated on 3 May 2021.
- d. Air Force
- i. Ask Air Force management if recordings for the RI Scoping meetings can be provided to EGLE.
 1. Already discussed above.
 - ii. Schedule a meeting to discuss the JEP.
 1. C. Varley stated the JEP was discussed, on 6 May 2021.

3. DOCUMENT SUBMISSION SCHEDULE AND STATUS

Only documents that have changed status since the previous BCT were discussed.

Bay West

- a. SS017 Site Closure – Bay West is preparing a recommendation to prepare an ESD in support of Site Closure and will submit to the Air Force for review and approval.
- b. Draft SS072 Proposed Plan – Bay West is in negotiations with Air Force contracting regarding the preparation of an updated Risk Assessment and Feasibility Study and the modification should be awarded shortly. No change from last month.
- c. Draft Five-Year Review – Under Air Force review, no change from last month.

- d. Final FT002 UST Removal Work Plan – was posted to the Collaborative Website on 07 May 2021. B. Place asked for a final version of the RTCs for EGLE files. P. Walz stated that these can be provided, but the RTCs were generated by EGLE. B. Place to confirm if EGLE had the final version of RTCs.

Aerostar

Note all dates for document submittals stated on the Agenda are projected dates.

- a. Van Etten Lake Proposed Plan – Currently in Air Force review, anticipate submittal to EGLE very soon.
- b. Clark’s Marsh Proposed Plan – Currently in Air Force review, anticipate submittal to EGLE on 23 June 2021.
- c. RI UFP-QAPP – Currently under EGLE review.
- d. Risk Assessment Work Plan – Estimated EGLE submission on 28 May 2021.
- e. MPTS Action Memorandum - Estimated EGLE submission on 28 May 2021.
- f. MPTS resin was changed out in the lead vessel with no issues. The bulbs in the UV system were also changed. There have also been no effluent exceedances.
- g. Interim Remedial Action Work Plans for Clark’s Marsh and Van Etten Lake - estimated EGLE submission on 21 June 2021.

Bay West Documents to be Submitted.

- a. Daft 2020 LUC Report – scheduled for Air Force submittal in May 2021.
- b. Draft 2020 Systems Annual Report - scheduled for Air Force submittal in May 2021.
- c. Draft 2020 PTS Annual Report - scheduled for Air Force submittal in July 2021.
- d. Draft VIAP RI Addendum Report - scheduled for Air Force submittal in May 2021, EGLE should receive the report for review after CZTE 30-day review in the July 2021 timeframe. EGLE only had 3 days to review the Work Plan, so many of the Work Plan comments will be incorporated into the review of the report.
 - i. M. Weegar commented that EGLE did have a short review time. The EGLE review time was short so Wood could get into the field to assure 4 Quarters of sampling. M. Weegar stated he recalls EGLE submitting comments and the Air Force responding after the initial review period. B. Place stated responses to the RTCs may be needed; however, it was decided the RTCs would be addressed in the report. M. Weegar stated that the responses are probably irrelevant since the work has been completed. S. Bashir stated Air Force and EGLE spent months putting together the DQOs, the work plan was just applying the DQOs, so there were no surprises. B. Place stated one comment was not addressed about the water lenses needed to be measured not assumed. S. Bashir stated the comment was addressed, since they already have LTM on the sites.

Two additional reports will be prepared by Bay West that were not listed on the Agenda. They are:

- a. FT002 RA-C Report - scheduled for Air Force submittal in August 2021.
- b. FT002 UST Removal Technical Memorandum - scheduled for Air Force submittal in August 2021.

4. FIELD WORK UPDATE AND SCHEDULE

Bay West

- a. FT002 Carbon Change out
 - i. The 23rd GAC changeout was completed on 29 April 2021, the system operated 104 days between changeouts, all effluent sampling results remained below SRD criteria. The next change out is tentatively scheduled for mid-August 2021, contingent upon results from weekly sampling events.

- ii. C. Bauer stated that EGLE still has some questions regarding a sampling anomaly on 17 December 2019 at the effluent sample. C. Varley responded to the emails, but EGLE still has questions and will circle back and follow up. EGLE does not understand what happened. C. Varley stated that as a PhD chemist, it is her view that the result is a lab flaw, cross contamination possibly. C. Varley hypothesized that the difference in samples was due to a lab error or a sampling error in the field. C. Bauer stated that if another sampling anomaly occurs, the system should be sampled sooner than one month after. M. Siler stated that if a system is non-compliant it needs to be verbally reported to EGLE within 24 hours and followed up with a written explanation within 5 days to the EGLE Water Resources Division. C. Varley stated that it was her understanding that everything was supposed to go through B. Place. C. Bauer clarified that for the SRDs copy B. Place but responses to the SRDs are handled by the Water Resources Division, for FT002, CTS and MPTS because they are doing the compliance on those systems. B. Place asked when it is appropriate to check in with Tarek Buckmaster, is that information outlined in the SRDs? M. Siler stated this information is included in the SRD.
- b. SS057 RAWP Implementation
 - i. The semi-annual sampling event took place the week of 5 April 2021, results have been received, validated, and evaluated. Bay West will be making recommendations to the Air Force for the fourth injection event very soon.
 - c. FT002 RAWP Implementation
 - i. Field work began on 19 April 2021 and was finished approximately 3 weeks later on 7 May 2021. Most of the work has been completed, the concrete UST and pad were demolished and remain on site for disposal. A sample of the concrete from the pad and UST was collected for a full TCLP analysis, when results are received the waste profile will be completed. After the waste profile is signed it will be submitted to the RCRA Subtitle C landfill in Wayne County for their approval. Following approval, trucks will be scheduled for concrete disposal. B. Place asked if confirmation samples were collected for the UST removal. P. Walz confirmed that soil samples were collected per the UST Removal Work Plan. Soil samples were collected from one sample from each short side wall, two samples from each long side wall, and two bottom samples. A separate report will be created for the UST work, which will include all sampling results. B. Places stated that EGLE has already requested the UST data after it is validated. C. Varley asked P. Walz when the report would be finished, that is when Air Force will review the data. B. Place clarified she is requesting the confirmation sampling results prior to the report, she would like the data after it is validated. M. Weegar explained that he requested Bay West collect the soil samples, not for site closure or confirmation, but as an effort to get some additional data from the excavation conducted during the UST removal. B. Place stated again they would like the validated data as soon as it is available. P. Walz stated that some results have been received, the Bay West validation process takes approximately one week. The first IAB injection for VOC treatment will take place sometime in early June 2021. A RA-C report, presenting all field work, including all analytical results and disposal documentation, will be completed 45-60 days after the injection event. Both draft reports, the RAC and UST, should be submitted to the Air Force in August 2021. Bay West staff has started the sections of the report such as baseline performance sampling and trench installation. B. Place asked C. Varley if the Air Force could provide EGLE the validated data prior to the reports. C. Varley replied that she is not expecting to see the data prior to the report. As soon as the report is received, it will be

reviewed by the Environmental Directorate technical team. C. Varley will ask leadership if they would approve the validated data request. B. Place commented that she is seeing a trend. Both agencies are working within their management systems, but if this cannot be resolved at this level than the issue will have to be elevated. C. Varley explained that Air Force is following the CERCLA process, to be able to plan for future events Air Force must have bona fide need. = Air Force follows the CERCLA process and needs leadership buy-in. B. Place asked if there is any CERCLA guidance about sharing data with EGLE. C. Varley explained that there is not guidance about data sharing, but decisions cannot be made until data is finalized in documents. After the data is final in a document, planning occurs. The National Defense Authorization Act (NDAA) is where Air Force gets the authority to fund projects. EGLE has requested Air Force to preform work before the data is finalized in a report, but that is an approach that isn't allowed within the Air Force system. As a cooperating CERCLA supporting agency EGLE does not understand why they cannot receive the data. J. Bradley stated that if sharing validated data between the agencies is something the Air Force cannot do EGLE would like to understand why. EGLE is hopeful that management will approve. B. Place stated that with other DOD partners EGLE receives data once it is validated, receiving the data once it is validated helps with report reviews. M. Weegar commented that EGLE stated they would like validated data to make recommendations on the report and data. It seems odd that EGLE would want a data table that did not have any context in a report. It would be only a table of data with no information of where the samples were collected. J. Bradley stated that it is useful for EGLE to receive data prior to the report to move the review process along. D. Kline has been working in the Superfund Program for 30 years, and when agencies are collaborating it is very routine for EGLE to get the data when it is available. It gives the team a chance to discuss and evaluate before the report, its standard and routine. B. Place would like to get this issue worked out before the PFAS RI gets underway.

- d. 2021 RA-O groundwater monitoring and annual base-wide gauging event will be completed by the follow-on Contractor.
- e. Bay West will perform treatment system sampling through 26 June 2021 at FT002 and LF030/31.

Bay West/Wood

- f. VIAP Update
 - i. Already discussed. Field work is complete, and the Draft report will be submitted to the Air Force in May 2021.

Aerostar

- g. Central Treatment System (CTS) Status
 - i. C. Brewer stated continued regular O&M.
 - ii. Effluent results remain below SRD criteria.
- h. Mission Pump and Treatment System (MPTS) Status
 - i. C. Brewer stated the lead resin vessel was changed last week with no issues.
 - ii. Effluent results remain below SRD criteria.
- i. PFAS Remedial Investigation Status
 - i. C. Brewer stated field work will begin July/August 2021.
 - ii. Aerostar gauged wells the week of 5 April 2021. The potentiometric surface maps are in development.

- iii. Clark's marsh Proposed Plan Public Meeting – a virtual meeting was held on 24 March 2021.
- iv. Van Etten Lake Proposed Plan Public Meeting – will be scheduled once the Proposed Plan is final.
- v. B. Place stated P. Bond was following up on meeting minutes and some have been placed on Box.com. EGLE has requested the minutes be provided in a usable format so track changes could be provided. The meetings have also been recorded. The initial Kick Off meeting goes in the QAPP. C. Varley needs management approval to provide the recordings and meeting minutes in a usable format. C. Varley has been directed to place everything on Box.com. B. Place suggested line numbers be added to reports, or EGLE can retype the minutes if they are not able to receive a workable copy. Aerostar agreed to include line numbers. B. Place asked if she would receive responses to her email requests. C. Varley stated that her focus is still on contracting, the Air Force does not want gaps in service. B. Place stated that EGLE also does not want to be viewed as the hold up on some of these items.

5. AIR FORCE UPDATES

- a. OWAA 10 parcels
 - i. C. Varley stated the Air Force is working with Gary Kellen at OWAA to transfer all properties. Areas 1, 2, 9 and 10 are of concern because of remediation that is occurring. There may be two different transfers completed. The first will be what is ready to transfer now. The DRC templates have been provided. Air Force is working on the properties that are ready for transfer now.
- b. RAB Update
 - i. The next RAB meeting is scheduled for 21 July 2021. C. Varley proposed an in-person meeting, or a mixed venue some in-person and some on-line. The Air Force has asked the RAB and contractors to look for venues that will allow for social distancing.
- c. Oscoda Township Stormwater discharge fee
 - i. D. Medina sent a letter to Oscoda Township last week. The letter incorporates what is appropriate, from the legal standpoint and the Air Force's engineering contractor's evaluation.
- d. EWTS update
 - i. Air Force is sending out a holistic contract to evaluate everything, the basic start of the contracting package has been sent to the Contracting Officer for review.
 - ii. EWTS also comes down to J. Bradley's letter to D. Medina and the evaluation of data.
- e. IRA between MPTS and FT002.
 - i. The Air Force is still evaluating and looking at the data.
- f. Follow on contractor update.
 - i. C. Varley is hopeful the BECOS will be awarded this week. The two CLINS to initially start work should be awarded this week.
 - ii. B. Place had a few questions.
 - 1. What topics to be discussed at the RAB?
 - a. M. Henry told C. Varley he would be providing her with recommendations to make the RAB more effective and efficient. C. Varley is waiting to draft an agenda until she receives M. Henry's recommendations. EGLE would like to know the topics when they have been decided upon.
 - b. There were talks about an interim meeting. C. Varley stated that she was trying to plan a technical meeting. The request went to the Secretary of Air

Force but has not come back down to C. Varley with an answer. Since there is no determination on a technical meeting, the Air Force has started the interim ROD review to keep things moving forward.

2. B. Place asked if there were any additional details the Air Force could share on the stormwater discharge fee. C. Varley would like to share all the details, but it is not appropriate until Ann Richards (Oscoda Township Supervisor) replies or has follow on conversations with Dr. TerMaath.
3. B. Place asked about EWTS scope of work that was send to the Army Corps. C. Varley clarified that the scope of work has been sent to Gordon Smith, the Air Force Contracting Officer's Representative (COR), not Army Corps of Engineers. B. Place asked if EGLE could receive a copy of the scope of work. C. Varley stated that EGLE cannot receive the scope of work because it is contractually sensitive. B. Place stated that a written summary would be helpful to understand exactly what work will be completed. C. Varley stated that in summary each part of the system is going to be looked at individually and then evaluated as a whole to determine the best path-forward.
4. B. Place stated that currently D. Medina and J. Bradley have been discussing PFAS sampling at EWTS is there any update? C. Varley stated that is part of the EWTS evaluation, the Air Force is looking at all the data available and what conclusions can be made for the best path forward. B. Place asked if the EWTS influent and effluent of the EWTS had been sampled. C. Varley stated it was sampled to compare current results to historical data. The resent results were comparable to the historical results. C. Varley concerns about historical PFAS data and laboratory quantification have been resolved. During the original sampling event the lower numbers were not being looked for. B. Place asked if EGLE could receive a copy of the sampling results, C. Varley stated they would be attached to the response letter, which is currently in the review process.
5. B. Place asked if they would get more details during the next BCT meeting about the follow-on contractor. C. Varley stated yes, more will be discussed at the next BCT. B. Place stated that the LTM sampling has moved around, but originally it was moved to the May timeframe for each year. EGLE would like to know when LTM will be scheduled. P. Walz stated that historically under the Bay West contract, typically the LF030/031 sampling was completed in May due to YMCA access during the summer months, otherwise it is completed in the fall after Labor Day. Other IRP sites can be completed any time during the year since there are no access issues. J. Mullet asked if Bay West sampled LF-30/31 this month. P. Walz said no, the 2021 LTM sampling is not covered in the Bay West contract. Only the O&M and treatment system sampling is included until 26 June 2021. B. Place stated moving forward EGLE is looking for annual sampling to be completed at the same time each year for each IRP site so sample results can be compared more easily.
6. B. Place stated EGLE sent an email to Air Force requesting VIAP sub slab sampling be completed sooner rather than later for locations where results of adjacent building soil gas samples collected outdoors were above the non-residential site-specific criteria. C. Varley stated it was noted, but Air Force has not received the report yet, so they are unable to move forward until they have bona fide need. P. Vij stated that

- the numbers are very high, so the Air Force should consider this urgent. C. Varley stated Air Force will do their best.
7. B. Place asked if there was any update on the research that was going on at Wurtsmith. C. Varley responded no, there was no updates.
 8. B. Place asked for the update on the MMRP evaluation. C. Varley stated U.S. Army Corps of Engineers is waiting for funding. OWAA has asked questions about restrictions on one site that involved UXO. The restrictions will be evaluated to see if restrictions are necessary or if they can be removed. B. Place stated that in the past the path forward for MMRP sites has been discussed, and inquired if that is part of the evaluation? C. Varley stated she is unsure; she did not start the MMRP effort and is still getting up to speed. Upon funding the team will be updated with the specifics of the MMRP work.

6. EGLE RRD – SUPERFUND SECTION UPDATES

a. Other –

- i. RAB Topics – B. Place stated that EGLE provided results for two of the action items. One was for action item #57, about a report that DLZ was going to prepare for EGLE. B. Place resent the information since it was originally sent to Dave Gibson. EGLE proposed this action item for closure, the report was prepared under another name. Another action item from Mark Henry was to discuss the SRD. B. Place and C. Varley have had discussion on that action item. C. Varley asked B. Place if EGLE has found the letter, from B. Delaney approving the SRD. B. Place stated she has not located the letter. B. Place did find a file that Bob Delaney delegated the information to Water Resources, Eric Chatterson M. Weegar has also been looking through the paper trail of LF030/031, he has spoken with P. Rekowski. Under DSMOA everything went through one point of contact, Bob Delaney. M. Weegar has seen a letter from Eric Chatterson approving the O&M and sampling plan for LF030/031. From a paper trail standpoint, that might be an appropriate path to follow. M. Weegar stated that a Compliance Plan was drafted in addition to the SRD and referenced a September 2010 letter from WRD. It can be provided to EGLE for reference. Kevin Cook's name was also listed in a few letters that were sent to the Water Resources group.
- ii. EGLE Townhall is scheduled for 20 July 2021. M. Weegar asked if the Townhall meeting was going to be virtual. B. Place stated at this time the Townhall will be virtual.
- iii. There will be a PFAS Coordination Meeting this afternoon, 20 May 2021.
 1. J. Bradley will host the call, B. Place will not be available. C. Varley will be able to attend.
- iv. EGLE will be meeting with the NOW group on 14 July 2021, no agenda has been drafted. Typically, it is just general updates.
- v. M. Weegar asked if the RAB is held as a face-to-face meeting are there any limitations to group size, or other COVID restrictions? B. Place forwarded the new MI guidance link to keep the team updated. EGLE staff needs approval to attend face to face meetings. S. Bashir clarified that the number of people in an indoor gathering has been lifted. The mask mandate is for non-vaccinated people only. If the RAB is indoors there is no violation to the latest restrictions. W. Farrell stated that MDHHS is currently working on policies to get people back into the office. If he had to guess, as of now plan on the July meeting being virtual. A. Person commented as of now EGLE is maintaining all restrictions so EGLE will not have an in-person meeting.

7. EGLE RRD – BAY CITY DISTRICT UPDATES

- a. Oscoda area sampling – It was suggested that in the future the Agenda be updated to state Oscoda Area sampling vs the way it is now with all three areas listed separately. A. Armbruster stated AECOM completed another quarterly sampling event in April 2021. The results have been received and some data has been uploaded to the MPART website. The most recent tables and figures have been uploaded to the documents section of the website, they contain the January 2021 results.

8. EGLE WRD – UPDATES

- a. Surface water/fish sampling in area
 - i. Already discussed.
- b. Oscoda Township Wastewater Treatment Plant update.
 - i. M. Siler commented there is no update at this time.
 - ii. B. Place stated Water Resources division will be conducting a Statewide sediment project. One sampling location will be Clark’s Marsh, samples will be collected this summer. They have been in contact with USFS. R. Morrish asked if the sediment project included biosolids that have been applied to farm fields. B. Place will have to look into the project more, there is biosolids testing that has been completed. It was questioned in the past if Wurtsmith wastewater biosolids had been taken to a farm field to the north.
 - iii. C. Varley commented Air Force is working on the MOU, but there might be a complication in the RI and IRA because there is no active MOU. USFS has their interpretation of the law, Air Force is following CERCLA, and the issue will be elevated. Both implementation of the RI and Clark’s Marsh IRA could both be impacted by the lack of an MOU. There is no timeline.

9. MDHHS UPDATES

- a. Residential Well sampling update
 - i. P. Vij stated the second round of residential drinking water sampling started the first week of May 2021. A total of 85 wells have been sampled to date.
 - ii. Exposure assessment planning is underway. A meeting was held with the community on 4 May 2021 with the exposure team which consists of a toxicologist, epidemiologist, community engagement coordinator, and health coordinator. This was the start of a formation of a community advisory team, the next meeting will be held in a few months. M. Weegar commented that ATSDR has looked at 5 sites for exposure assessment. Has MDHHS looked at the work plan or process that was used by ATSDR as a guide? P. Vij stated they are still in the planning phase and have just begun to talk to community members and are gathering input, the ATSDR plans are being used as a guide. MDHHS will only collect blood samples, no urine. W. Farrell stated that ATSDR was an exposure health study, at Wurtsmith only and exposure assessment will be completed. C. Varley asked if MDHHS has been following the half-life, because ATSDR has been coming out with new information. W. Farrell stated MDHHS is following the latest data provided. M. Weegar commented that ATSDR is the agency that evaluates the 5 DOD installations, data collection has been completed at one site.

10. Next Meetings:

- a. BCT – 16 June, 28 July, and 25 August 2021 0900-1100 EST
- b. Townhall – 20 July 2021
- c. RAB – 21 July 2021

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. Provide EGLE's response to the proposed changes in the CTS, MTPS, and FT002 SRDs.
 - iii. EGLE/MDHHS will send coordinates on 25 verified addresses when available.
 - iv. Provide details on the Statewide sediment study, specifically if biosolids are included.
- b. Aerostar
 - i. Add line numbers to meeting minutes for easier reviews.
- c. Air Force
 - i. M. Weegar will forward the LF030/031 Compliance Sampling Plan and information to B. Place.
 - ii. Ask management if validated data can be provided prior to its release in reports.
 - iii. Ask management if meeting recordings can be placed on Box.com.

1. Air Force Opening Remarks/General Business Discussion

2. Previous BCT Meeting – 28 April 2021

- a. Meeting Minutes – Minutes are under EGLE review.
- b. Action Items – EGLE
 - i. Review Wurtsmith UFP-QAPP and propose metrics for assessing data quality for split samples and corrective actions if metrics are not met.
 - ii. Forward EGLE’s response to the proposed changes in the CTS, MPTS and FT002 SRDs sampling plans to Aerostar.
 - iii. Provide the X and Y coordinates for Residential Sampling locations and send plan to address discrepancies.
 - iv. Confirm all parties have received access to the Annual Reports as requested.
 - v. Find out when Fish data will be available for the Air Force.

Wood

- i. Send EGLE Q3 VIAP results. (completed 28 April 2021).
- ii. Confirm AF-MW15 was included in all tables in the final version of sampling plan (updated on 3 May 2021).

Air Force

- i. Ask Air Force management if recordings for RI Scoping meetings can be provided to EGLE.
- ii. Schedule a meeting to discuss the JEP.

3. Document Submission Schedule and Status

Document	Date submitted to EGLE	EGLE Review Status	Comments
Bay West			
Draft-Final 2018 PTS Annual Report	26 April 2021		Under EGLE Review.
Draft SS017 Site Closure			Based on a review by Air Force legal, an ESD will be used to document Site Closure.
Draft SS072 Proposed Plan			Air Force has issued an RFQ to Bay West to revise the Risk Assessment and FS. No work on Proposed Plan until these two documents have been revised.
Draft Five-Year Review			Submitted to Air Force on 23 March 2020: under Air Force review. Submission to EGLE anticipated July 2021.
Draft-Final 2019 LTM Annual Report	26 April 2021		Under EGLE Review.
Draft-Final 2019 Systems Annual Report	7 May 2021		Under EGLE Review.
FT002 UST Removal Work Plan			Document went Final 7 May 2021. Posted on the Collaborative Website.

19 May 2021
BCT Teleconference – Agenda
Wurtsmith AFB, Oscoda, MI

Draft 2019 LUC Report	Final version is posted to collaborative website for informational purposes only.		Submitted to the Air Force on 28 January 2021 for review.
Draft-Final 2019 PTS Annual Report	28 April 2021		Under EGLE Review.
Draft-Final 2020 LTM Annual Report	7 May 2021		Under EGLE Review.
Aerostar			
Van Etten Lake Proposed Plan	15 March 2021	31 March 2021	Discussion on comments scheduled for 19 April 2021.
Clark's Marsh Interim Record of Decision			Anticipated submittal to EGLE on 23 June 2021
PFAS RI UFP-QAPP	6 April 201		
Risk Assessment Work Plan			Estimated EGLE submission date 18 June 2021
MPTS Action Memorandum			Estimated EGLE submission date 28 May 2021
Remedial Action Work Plans			Estimated EGLE submission date 21 June 2021
Bay West - To be submitted			
Draft 2020 LUC Report	Final version will be posted to collaborative website for informational purposes only.		Scheduled for submittal to Air Force in May 2021.
Draft 2020 Systems Annual Report			Scheduled for submittal to Air Force in May 2021.
Draft 2020 PTS Annual Report			Scheduled for submittal to Air Force in July 2021.
Draft VIAP RI Addendum Report			Scheduled for submittal to Air Force in May 2021.

4. Field Work Update and Schedule

Bay West

- a. FT002 - The 23rd Change out was completed on 29 April 2021; the system ran 104 days between change outs. Effluent results continue to comply with SRD limitations. The next change out is tentatively scheduled for late August 2021, contingent upon results from weekly sampling events.
- b. SS057 RAWP Implementation – 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.

Validated results are being reviewed in support of making a determination regarding the execution of the fourth injection prior to the next semi-annual sampling event.

- c. FT002 RAWP Implementation – 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 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 IAB trench installation and UST and concrete pad demolition were completed 19 April -7 May 2021. Currently all concrete is staged at the former location of the pad, covered with poly sheeting and awaiting transportation and disposal at the RCRA Subtitle C landfill in Wayne County. Samples were collected from both the UST and the concrete pad for a full TCLP analysis, in support of completing the Waste Profile. Results are pending.
- d. 2021 RA-O groundwater monitoring and annual base-wide gauging event will be completed by the follow-on Contractor.
- e. 2021 RA-O sampling and analytical that will be performed by Bay West: FT002 and LF030/031 treatment system sampling through 26 June and FT002 sampling related to RAWP construction and UST removal.

Bay West/Wood

- a. VIAP Update – Q4 sampling event took place the week of 15 February 2021. Final Report scheduled for Air Force review in May 2021.

Aerostar

- a. Central GAC Treatment System (CTS) Status
 - i. Continued regular O&M.
 - ii. Effluent results remain below SRD criteria.
- b. Mission Street Pump and Treat System (MPTS) Status
 - i. Continued regular O&M.
 - ii. Effluent results remain below SRD criteria.
 - iii. Lead ion exchange resin vessel changed out on 13 May 2021.
- c. PFAS Remedial Investigation Status/Schedule
 - i. Van Etten Lake Proposed Plan Public Meeting will be scheduled once the Proposed Plan is final.

5. Air Force Updates

- a. OWAA 10 parcels.
- b. RAB Update – scheduled for 21 July 2021.
- c. Oscoda Township Stormwater discharge fee.
- d. EWTS update.
- e. IRA between MPTS and FT002.
- f. Follow on contractor update.

6. EGLE RRD - Superfund Section Updates

- a. Other – RAB topics
- b. Meetings Scheduled
 - i. Townhall – 20 July 2021

7. EGLE RRD - Bay City District Updates

- a. Kings Corner Road Dump - Known PFAS contamination site off Base.
- b. Loud Drive - Known PFAS contamination site off Base.
- c. Oscoda area sampling – Other areas where PFAS is being sampled off Base.

8. EGLE WRD Updates

- a. Surface water/fish sampling in area
- b. 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. 16 June 2021 teleconference 0900-1100 EST – confirmed.
- b. 28 July 2021 teleconference 0900-1100 EST – confirmed.
- c. 18 August 2021 teleconference 0900-1100 EST – tentative.