

Meeting Minutes
Wurtsmith BCT Meeting
22 January 2020
Teleconference

Bay West Project No. J150073
Location: Teleconference

Meeting Date: Wednesday, 22 January 2020
Meeting Time: 0910-1145 EST

MEETING ATTENDEES VIA TELECONFERENCE:

Dave Gibson	AFCEC	Lee Major	Cherokee Nation
Mark Weegar	Cherokee Nation	Andrea Keetley	MDHHS
Amanda Armbruster	EGLE- RRD – Bay City	Abiy Mussa	MDHHS
Matt Siler	EGLE- WRD – Bay City	Dale Corsi	DLZ
Charlie Bauer	EGLE- WRD – Bay City	Jeremiah Morse	AECOM
Dorin Bogdan	AECOM	Saamih Bashir	Wood
Paul Walz	Bay West	Beth Flynn	Wood
Andrea Stawowy	Bay West	Ryan Morrish	Bay West
Beth Place	EGLE-RRD - Superfund Section, Lansing		
John Bradley	EGLE- RRD -Superfund Section, Lansing		
Bill Harmon	EGLE-RRD - Superfund Section, Lansing		
Mike Neller	EGLE- RRD -Executive Division, Lansing		

The meeting was held via Skype. The meeting began at 0910 hours on 22 January 2020 and adjourned at 1145 hours. The meeting agenda is attached and posted to the Bay West Collaborative Website.

INTRODUCTION

D. Gibson opened the meeting with a greeting and introductions. The meeting purpose was to discuss environmental restoration program work at the former Wurtsmith AFB.

20 November 2019 BCT Review

The 20 November 2019 BCT Meeting Minutes were approved and will be posted to the Collaborative Website. The BCT minutes, since October 2019 will also be posted to the on the EGLE MPART website.

Action Items from 20 November 2019 BCT:
EGLE

- Provide comments or approval of Wurtsmith documents:
 - Bay West received approval of the 2017 and 2018 Systems Annual Report on 22 January 2020, both reports will be posted on the Bay West Collaborative website as final.
 - EGLE requested a conference call to discuss EGLE comments on the 2017 and 2018 LTM Annual Reports. Intent of the call is to expedite comments and comment resolution. B. Place wanted to make sure the requirements of the ROD, and performance requirements are listed in the LTM sampling plan. A call was subsequently scheduled for 5 February 2020 1030-1200 EST. EGLE to provide Draft Comments prior to the call. B. Place also stated that she hopes to be able to discuss the 2017 Pump and Treat Systems Annual Report on this call.
 - The Final Five-Year Review Work Plan was submitted to EGLE on 4 December 2019.
 - The Draft-Final ESD for SS-57 was submitted to EGLE on 9 January 2020, EGLE's goal is to return comments within 60 days.
 - Bay West is in the final stages of review on the 2018 PTS Annual Report and the Fourth 5-Year Review these documents will be submitted for review in the near future.

- EGLE Water Resources Division (WRD) provided results from 21 August 2019 Split Sampling event on 10 December 2019 (Compliance Communication #CC-002372). The Air Force was granted an extension and will submit a reply before 7 February 2020.
- B. Place forwarded the contact information for Jessica Stuntebeck, the new USFS representative, on 20 November 2019 and again on 20 January 2020.
- Follow up on MPART website postings – B. Place asked if EGLE could get a copy of the residential well data summarized in the bar chart data that was included in the Air Force Dispute Resolution response. D. Medina had okayed this request in the past, but also stated the groundwater reports were hung up in Personal/Private Information (PPI). A detailed discussion was held about PPI, ending with an action item for a meeting to be scheduled with EGLE, Air Force, and MDHHS to discuss PPI and how each organization handles FOIA requests. S. Bashir asked if the Air Force submits data to the Health Department is it eligible for a FOIA request? A. Mussa stated the data is exempt from FOIA. B. Place stated in a previous BCT, D. Medina stated the Air Force would provide the residential well data to EGLE with all analytes included. B. Place requested an action item to be added to the agenda for the Air Force to provide EGLE with all residential well sampling results, with location, data, and analytes. The exact data request was discussed in detail, lab data, validation reports, locations. D. Gibson agreed a follow up call to discuss data sharing and FOIA is the best plan forward. Wood submits the Quarterly Drinking Water reports to the Air Force and upon Air Force approval they are then sent to EGLE, they include PFOA and PFOS data. B. Place will send D. Gibson an email requesting the data and the reason it is needed, and a follow-on call will be scheduled to discuss data and sharing. Note ; since the meeting Air Force legal and the Attorney General have been discussing data sharing directly.
- Bimonthly BCT meetings – B. Place agreed that bimonthly con-calls/meetings are acceptable when things are slow at the site, with the option to include additional con-calls/meetings when needed. Air Force had agreed that when there was enough content BCTs will occur monthly.

Air Force

- Provide BCT meeting minutes within two weeks of the meeting. The minutes for the 20 November BCT were provided on 9 December 2019.
- Provide BCT agenda one week prior to the meeting. The Agenda for the 22 January BCT was submitted on 15 January 2020.
- Provide EGLE the Declaration of Restrictive Covenants (DRC) information – the OWAA DRC history was discussed in detail. After the last BCT D. Medina had numerous phone calls on the topic. M. Weegar stated that it is essentially a paper exercise with the Army Corps of Engineers. The topic will remain on the agenda as an Air Force action item. D. Gibson will follow up with internal Air Force and see where D. Medina left off.

M. Neller, Director, EGLE RRD, joined the meeting and said a few words before exiting. M. Neller requested verification that funding for the remedial investigation is now available. D. Gibson confirmed that it is. M. Neller stated that EGLE has three requests for interim actions: 1) Expand the FT-02 capture zone; 2) Address the Air Force Beach plume; and 3) Remove biosolids/waste buried in a trench by the old WWTP (now operated by Oscoda Township). D. Gibson stated that the requests are not unreasonable. Funding has been released and is being prioritized. Cannot promise all requests will be addressed in the short term. Discussion continued after M. Neller left the meeting. M. Weegar suggested EGLE put the three requests in a letter to Dr. TerMaath. M. Weegar also noted that more data collection will be required to effectively address some of M. Neller's requests. For example, the FT-02 pump and treat system is not capable of handling additional flow and will need to be expanded.

Short Break

EGLE's role and input in the RI scope was discussed. D. Gibson stated EGLE would be included in the RI work plan scoping process.

Bay West

- Provide EGLE with the LF30-PW7R construction details – the construction details will be forwarded to EGLE upon Air Force approval. (Note: information subsequently provided on 28 January).
- Provide Van Etten Lake elevation – Bay West provided the elevation via email on 12 December 2019.

DOCUMENT SUBMISSION SCHEDULE

Bay West

- All Bay West Documents were discussed in the EGLE action items.

Wood

- The 4th Private/Public Drinking Water Monitoring Report will be submitted to EGLE upon Air Force approval.
- Draft ESI report was submitted to EGLE on 30 December 2019.

FIELD WORK UPDATE AND SCHEDULE

FT-02 Carbon Change out – The 18th GAC change out took place on 22 November 2019, 91 days since the last change out. The next change out is scheduled for the week of 17 February 2020, exact timing dependent on weekly sampling results.

LF30-PW7 – the replacement well LF30-PW7R was started on 10 December 2019. The well replaced failed well LF30-PW7. The operation of EWTS was discussed, all compounds remain below criteria.

SS-57 RAWP Implementation – This first injection in all three trenches was the week of 21 October 2019. Biweekly Performance Monitoring was completed on 6-7 and 20-22 November 2019, 3-4 and 18-20 December 2019. Quarterly sampling took place 13-17 January 2020. A Remedial Action Construction Report is being prepared and will be submitted to EGLE after Air Force review and approval. Results from quarterly monitoring events and future injection events will be formally presented in Annual Reports. Updates/briefings will be presented at future BCTs.

FT-02 RAWP Implementation - Field work is on hold pending an Air Force decision regarding the final disposition of the concrete pad after demo work is complete. The Air Force published a new guidance document regarding AFFF IDW management. Bay West has provided the Air Force with a ROM for transportation and disposal at a Subtitle C landfill.

EGLE UPDATES

EGLE WRD – Bay City - D. Gibson wanted to discuss the SRDs for the systems at Wurtsmith. During the compliance inspection on 21 August 2019, EGLE stated the Air Force was not complying with the SRD. C. Bauer stated there are two issues, the first is the monitoring frequency requirements in the SRD, and the second is reporting all compounds in the effluent data. Per the Clean Water Act if any data is collected by a government or private entity, EGLE has a right to receive it. The data and sampling were discussed. Any effluent data collected needs to be reported to the EGLE WRD Bay City team. M. Siler stated the Air Force request for an extension on the 21 August 2019 Compliance inspection was granted. The due date for the Air Force response to EGLE is 7 February 2020.

EGLE- RRD – Bay City – Nothing new to report on the Kings Corner Dump. A meeting is scheduled with AuSable Township about sharing data and monitoring wells. Data will be collected quarterly from the AuSable area for one year, then a report compiled. Monitoring wells throughout Oscoda in the Loud Drive, Colbath, River Road and Pine Crest areas will be sampled quarterly for two years then a report will be drafted.

EGLE-RRD -Superfund Section– The transducer study from the east side of Van Etten Lake is complete and the report should be ready in two weeks. Results show the shallow wells interact with the lake.

BRAC clean-up plans do not get updated; they are used for property transfers. There is no need to update the documents for PFAS compounds.

2020-2022 DSMOA Joint Execution Plan (JEP) estimates are due, in order for B. Place to complete her estimate she needs a few questions answered. In the past tables were created by M. Weegar. A call will be scheduled between EGLE and Air Force for Monday, 27 January 2020 to discuss.

VI Update –A meeting was held on 12 December 2019. The Data Quality objectives have been prepared for 4 sites; they will be sent to D. Gibson, then to EGLE upon Air Force approval. The next two VI calls will be scheduled for 6 February 2020 to discuss DQOs and 12 February to discuss the Work Plan. To finish the objective Wood needs to start field work in April 2020.

Wood Field Work– 10 private wells will be sampled the second week of February 2020.

AIR FORCE UPDATES

RAB Update – The next RAB meeting is tentatively scheduled for the week of 16 March 2020.

Central Treatment System (CTS) Status – Operating as normal. The return line from the Benzene purge wells to the plant is being cleaned out today.

Mission Street (MS) Treatment Plant Status- the resin system was started on 30 December 2019. System is in shake down mode.

WSA DRC's – already discussed.

Office Business- none to discuss.

LF-30/31 FFS Status – Document has been reviewed and RTCs are being drafted.

MDHHS - MDHHS will resample residential wells in Oscoda possibly as soon as February 2020. A. Mussa is going to ask his management a copy of the final plans can be submitted to the Air Force. A Mussa can also give updates on this at upcoming BCTs. A section for MDHHS will be added to the BCT agenda.

Next Meetings:

EGLE comments on 2017 and 2018 LTM RA-O reports – 5 February; 10:30 – 12:00 EST

VI DQOs – 6 February 2020; 0900-1100 EST

VI Work Plan – 12 February; 0900-1300 EST

BCT – 18 February 2020 0900-1100 EST

SRD - will be scheduled after the next CTS GAC change out.

RAB – Week of 16 March 2020

ACTION ITEMS:

- **EGLE**
 - Provide comments or approval of documents submitted for review in accordance with the schedule provided.
 - Provide draft comments on 2017 and 2018 LTM RA-O reports prior to 05 February 2020 con-call
 - Submit written request to the Air Force regarding the three interim actions EGLE wants implemented.
- **Air Force**
 - Provide EGLE with residential well data with all analytes, well locations along with any other information.
 - Schedule FOIA and Data sharing call with EGLE and MDHSS.
 - WSA DRC information – return answers to Bill Harmon questions.
 - Contact FPM about redline strike out and RTC on the LF-30/31 Focused Feasibility Study, for EGLE review.
- **MDDHS**
 - Discuss with MDHHS management if they can provide Air Force a copy of the Residential Well sampling plan when final.

AGENDA
BRAC Cleanup Team
Teleconference
22 January 2020, 0900 EST

Item	Time
<p>Dave Gibson Introduction</p> <p>20 November 2019 BCT Review</p> <ul style="list-style-type: none"> • Comments to 20 November 2019 BCT Meeting Minutes. • Action Items: • EGLE <ul style="list-style-type: none"> • Provide comments or approval of Wurtsmith documents submitted for review in accordance with the schedule. • Provide results from 21 August System Treatment Systems Split Sampling event to the Air Force. (received 10 December 2019) • Forward contact info for new USFS ranger. • Follow up on MPART website postings. • Discuss bimonthly BCT meeting frequency with EGLE management. • Air Force <ul style="list-style-type: none"> • Provide BCT meeting minutes within two weeks of meeting. • Provide BCT Agenda to the team within one week prior to the meeting. • Provide EGLE the DRC information • Provide a copy of the OSD Memo Investigating Per- and Polyfluoroalkyl Substances within the Department of Defense Cleanup Program”. (completed, included with the 20 November 2019 BCT Meeting Minutes) • Bay West <ul style="list-style-type: none"> • Provide EGLE with LF-30/31 Purge Well 7R construction details. • Provide Van Etten Lake Elevation from 16 November 2019. 	9:00
<p>Document Submission Schedule and Status</p> <ul style="list-style-type: none"> • Annual Reports <ul style="list-style-type: none"> ○ Draft 2017 LTM Report submitted to EGLE on 21 November 2018. EGLE to provide comments before 15 November 2019. ○ Draft 2017 Systems Report submitted to the EGLE on 30 January 2019. EGLE provided comments on 18 October 2019. Bay West provided RTCs to the Air Force for review on 11 November 2019. ○ Draft 2017 PTS Report submitted to EGLE on 5 March 2019. EGLE to provide comments before 15 November 2019. ○ Draft 2018 LTM Report submitted to EGLE on 4 April 2019. EGLE to provide comments before 15 November 2019. ○ Draft 2018 Systems Report – submitted to EGLE on 1 August 2019. EGLE provided comments on 18 October 2019. Bay West provided RTCs to the Air Force for review on 11 November 2019. ○ Final Five-Year Review Work Plan - submitted to the EGLE on 04 December 2019. ○ Draft 2018 PTS Report – Draft scheduled for submittal to Air Force in January. ○ Draft Final SS-57 ESD – Submitted to EGLE on 09 January 2020. ○ Draft SS-57 RA-C Report – under Air Force Review. • Draft SS-072 Proposed Plan – pending. • Five-Year Review – Covers 30 May 2014 through 30 May 2019. Will be submitted to the Air Force for review in January 2020. • The 4th Private/Public Drinking Water Monitoring Report was submitted to the Air Force for review on 9 Jan 2020. • The Draft ESI report was submitted to EGEL on 31 December 2019. 	9:15
<p>Field Work Update and Schedule</p> <ul style="list-style-type: none"> • FT-02 Carbon change out event was completed on 22 November 2019, the next change-out event scheduled for the week of 17 February 2020. (approximately 90 operational days since the last change out) • LF-30/31 purge well PW-7R is installed and connected to the EWTS, full time operation began 10 December 2019. • SS-57 RAWP Implementation – GPR and DGI investigation completed 3-7 June 2019. <ul style="list-style-type: none"> IAB Trench installation –3-7 September 2019 Performance monitoring well installation – completed 23-27 September 2019 	9:30

<p>Baseline/Annual sampling – completed 7-15 October 2019 First Injection - completed the week of 21 October 2019. Biweekly Performance Monitoring - completed 6-7 and 20-22 November, 3-4 and 18-20 December 2019. Quarterly sampling – 14-17 January 2020.</p> <ul style="list-style-type: none"> • FT-02 RAWP Implementation – Pending. Air Force evaluating options for path forward in light of a ROM for disposal of demolished concrete at a Subtitle C landfill. • VI Update • Wood Field Work Update – Complete final quarterly private and public well sampling event in February 2020. Event will include only wells not connected to municipal water. Will begin contacting residents to schedule sampling at the beginning of February 2020. 	
<p>Air Force Updates</p> <ul style="list-style-type: none"> • RAB Updates • Central GAC Treatment Plant Status • Mission Street Treatment Plant Status - Resin system operational 30 December 2019. • WSA DRC's • Office Business • LF-30/31 FFS Status 	10:00
<p>EGLE RRD Superfund Section</p> <ul style="list-style-type: none"> • Transducer Study Update • Considering Monitoring Well Sampling (EGLE wells) • Other <p>EGLE RRD Bay City District</p> <ul style="list-style-type: none"> • Kings Corner Road Dump • Au Sable Township • Other <p>EGLE WRD</p> <ul style="list-style-type: none"> • SRD Updated • Other 	10:30
<p>Schedule Next BCT Meeting:</p> <ul style="list-style-type: none"> • Date, time, and location. 	10:50