



Wurtsmith RAB AI Tracker

Date Last Modified : 19 Feb 2024

AI #	Request Date	Action Item	Requester	Owner	Due Date	Comments/Resolution	Status	Last Update
87	1/20/2021	"Advise RAB of the status of removal or cleanup of fire suppression systems in the hangars at the Former Wurtsmith AFB, and also the evaluation of whether the fire suppression systems in Bldgs. 5098, 5001, 5091, 5045 (SS-71) and the POL Yard contained AFFF."	Bill Gaines/Mark Henry	AFCEC		An inventory list is being compiled listing which facilities had Fire Suppressant Systems, which were cleaned out, and which locations will need to be revisited. Update 2/15/23 -AFCEC staff will visit these facilities and evaluate the current status of the fire suppression systems.	Ongoing	2/15/2023
88	1/20/2021	Advise the RAB on the status and schedule of the FYR. Explain how remedial activities at FT02 may impact protectiveness statements.	Arnie Leriche	AFCEC		The FYR is currently in the review process. Protectiveness statements are included for FT02 & other sites. There are no final Record Of Decisions (ROD's) for any PFAS sites, but PFAS is discussed in FYR.	Ongoing	2/19/2024
92	9/1/2021	Respond to the NOW report entitled, 'PFAS Contamination at the Former Wurtsmith AFB: The True Story.' Respond to the letter NOW sent to the Air Force in November 2021.	Cathy Wusterbarth	AFCEC		Mr. Willis will confer with the office of the Secretary of the Air Force, where the letter was sent, on their intention regarding a response.	Ongoing	
96	2/16/2022	Develop two summaries of IRP sites at the Former Wurtsmith AFB. The first summary would include a list of active IRP sites (with site designation, contaminant, and status) and a map that displays these active sites. The second summary would include a similar list and map for inactive IRP sites.	Arnie Leriche	AFCEC	3/31/2022	In progress.	Ongoing	
99	5/18/2022	Advise the RAB members if the Air Force is seeking to determine the source of PFAS, which is appearing in the wastewater treatment plant effluent.	Bill Palmer	AFCEC		The Air Force is continuing to evaluate PFAS in the area of the WWTP and where the effluent is picking up PFAS. Sanitary sewer sampling has been completed as part of the PFAS RI. A map with the results will be available at the pre-RAB poster session before the 21 Feb 2024 RAB meeting.	Ongoing	2/19/2024
100	5/18/2022	Advise Oscoda Township personnel of the Air Force's plan for (a) storm sewer usage, (b) slip lining the main line that goes from the Central Treatment Plant to Van Etten Creek, (c) slip lining the Mission Street line discharging to Consumer's Ditch, and (d) paying for storm sewer usage.	Bill Palmer, Tim Cummings	AFCEC		(a) AF storm sewer usage will remain the same, (b) AF has no current plans to slip line the storm sewer system associated with the central treatment systems (c) AF is currently working with Oscoda township to slip line damaged portions of storm sewer line that the Mission Street treatment system uses, (d) Oscoda township is reviewing language of the ordinance. The AF provided a letter to Oscoda Township dated 13 May 2021 that identifies the monthly storm sewer use fee is willing to pay and the engineering study that supports this rate.	Ongoing	
101	8/17/2022	Provide a schedule for testing outflows from the Mission Street and Central Treatment System for PFAS content. Address whether stormwater sewer samples are included in the UFP-QAPP for the PFAS RI.	Bill Gaines, David Winn	AFCEC		Stormwater sampling were collected during 2023 and are being evaluated.	Ongoing	2/18/2024
102	8/17/2022	Respond to the following questions about the Wurtsmith AFB wastewater treatment plant, which Oscoda Township personnel posed: (a) What plans does the Air Force have for cleanup of the PFAS released below the water treatment beds? (b) What priority is the Air Force assigning to this cleanup? Is there a timeframe? (c) Has the Air Force estimated the cost of this cleanup?	Tim Cummings	AFCEC	1/15/2024	The soil in the seepage beds was sampled to the water table during the RI. The results were all below the RI QAPP Addendum criteria for samples collected in the center of each bed. The samples collected from the berm where material from the air stripper tower was identified exceeded the soil criteria. This site was evaluated as part of the critical process analysis and has been briefed to EGLE management, Mark Henry and Bob Delaney, and the RAB and public. A request for IRA funding is included in the FY25 budget while the CPA recommended IRA continues to be evaluated.	Ongoing	2/18/2024
104-A	8/17/2022	Conduct additional IRA at the Defense Reutilization and Marketing Office (also known as OT-45).	David Winn	AFCEC	1/15/2024	The Air Force is working to award a contract for an IRA at DRMO in FY24. This site was evaluated as part of the critical process analysis and has been briefed to EGLE management, Mark Henry and Bob Delaney, and the RAB and public.	Ongoing	2/18/2024
104-B	8/17/2022	Conduct additional IRA at LF030/LF031.	David Winn	AFCEC	1/15/2024	The Air Force is working to award a contract for an IRA at LF030/031 in FY24. This site was evaluated as part of the critical process analysis and has been briefed to EGLE management, Mark Henry and Bob Delaney, and the RAB and public.	Ongoing	2/18/2024
104-C	8/17/2022	Conduct additional IRA at the Three Pipes Drain.	David Winn	AFCEC	1/15/2024	This site was evaluated as part of the critical process analysis and has been briefed to EGLE management, Mark Henry and Bob Delaney, and the RAB and public. A request for IRA funding is included in the FY25 budget while the CPA recommended IRA continues to be evaluated.	Ongoing	12/5/2023
104-D	8/17/2022	Conduct additional IRA at the wastewater lagoon and seepage beds.	David Winn	AFCEC	1/15/2024	This site was evaluated as part of the critical process analysis and has been briefed to EGLE management, Mark Henry and Bob Delaney, and the RAB and public. A request for IRA funding is included in the FY25 budget while the CPA recommended IRA continues to be evaluated.	Ongoing	12/5/2023
105	11/16/2022	Determine when storm sewer outfalls were last sampled and whether they will be routinely sampled in the future.	Arnie Leriche	Amy Handley (Michigan EGLE)		Beth Place will confer with Michigan EGLE's Water Resources Division on this matter and have an update from EGLE at the 17 May 2023 tech session. Beth advised at the 17 May 2023 RAB meeting that OWAA has completed its first round of samplings and are awaiting a second round of results and a final report.	Ongoing	5/17/2023
106	11/16/2022	Advise RAB members why the Air Force is not analyzing for total organic fluorine.	Mark Henry	AFCEC		Mark Henry noted during the 16 November 2022 RAB meeting that, without analyzing for total organic fluorine, it would be impossible to determine if precursors to PFOS and PFOA are present. Steven Willis stated at the 17 May 2023 RAB meeting that TOF doesn't help determine the nature and extent the plumes, and won't be collected for the RI but could possibly be revisited later.	Ongoing	5/17/2023



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107	2/15/2023	Conduct soil profile sampling for PFAS in former lagoon area associated with Building 5001, the jet engine test cell site.	Mark Henry	AFCEC		Mr. Henry stated that Paula Bond had noted that there would be soil testing done in this area, but the data was not included in the RI or on the soil sampling map. Mr. Willis stated that he thought this area was sampled and he would verify that, then pass the data on to Mr. Henry. Mr. Willis stated after the 17 May 2023 RAB meeting that a sample was collected in this area but georeferencing of the area indicates the sample location may be outside of the lagoon so an additional sample was collected during the 2023 field season. The results were above ecological screening criteria but below the DoD residential screening criteria and will be provided on the posters before the 21 Feb 2024 RAB meeting.	Ongoing	2/19/2024
108	2/15/2023	USAF should characterize and evaluate the WWTP sludge disposal trenches near LF30-31 for their PFAS content, and discuss results with EGLE and the RAB.	Mark Henry	AFCEC		Soil samples were collected in this area and the results were below screening criteria. The results will be provided on the posters before the 21 Feb 2024 RAB meeting.	Ongoing	2/19/2024
109	2/15/2023	Confirm that the Air Force is conducting soil and groundwater sampling for PFAS at site OT 049, former open burn/open detonation site to determine if flares used at the site contained PFAS	Mark Henry	AFCEC		Mr. Willis stated that this will be addressed under the MMRP RI due to potential explosive safety concerns.	Ongoing	2/15/2023
110	2/15/2023	Provide the community an update or presentation on the renegotiation of Substantive Requirements Document (SRD) limits before a decision is finalized.	Arnie Leriche	AFCEC		There have been no discussion between EGLE and the Air Force regarding renegotiations of the existing SRDs for the Wurtsmith treatment systems.	Ongoing	2/19/2024
111	2/15/2023	Sample individual extraction wells at LF030 & LF031 for PFAS in addition to testing influent and effluent, to determine which of these wells is extracting PFAS.	Mark Henry	AFCEC		These wells have been sampled for the PFAS RI and the results will be made available for the February 2024 RAB meeting.	Ongoing	5/17/2023
113	2/15/2023	Provide RAB with schedule, detailed work plan, and/or a technical meeting for the biota sampling associated with the WAFB ecological risk assessment.	Arnie Leriche	AFCEC		Co-chairs agreed that the work plan is available via the AR. The AF conducted a virtual technical session on 24 Apr 2023 to discuss the PFAS RI risk assessment. A follow up presentation is planned for the May 2024 RAB meeting by which time the risk assessment should be complete.	Ongoing	2/19/2024
114	2/15/2023	Suggest that EGLE split fish samples with the USAF so the samples can be processed in the same way that the state has been processing samples for comparison to their historically collected samples.	Mark Henry	EGLE		Fish samples were split by the AF lab and samples sent to EGLE's lab for analysis.	Closed	12/5/2023
115	2/15/2023	Provide the RAB with more information regarding the remedial investigation (RI) exposure assessment, including how we are targeting participants, the percent of the population participating, and the complete project timeline.	Arnie Leriche	AFCEC		The co-chairs agreed that this should be a topic for the virtual risk assessment meeting between now and the May community RAB meeting. The AF conducted a virtual technical session on 24 Apr 2023 to discuss the PFAS RI risk assessment. A follow up risk assessment presentation is planned for the May 2024 RAB meeting.	Ongoing	2/19/2024
116	2/15/2023	Explore what needs to be done for analysis of soil and/or groundwater samples to be performed by Dean Wiltse's PFAS testing lab in Oscoda.	Cathy Wusterbarth	AFCEC		Mr. Henry suggested using the local lab for at least screening-level testing of soil and/or groundwater to speed up the investigation process and that the lab was possibly interested in working to obtain DOD accreditation. Mr. Willis stated that the lab would need to have DOD accreditation for even screening level tests, but he was open to working with the lab if they met DOD requirements. 1 August 2023 Mr. Willis stated that the AF has been exploring the possible use of more local labs, particularly for the treatment systems. The Air Force took a tour of the lab on 20 Feb 2024 to see their capabilities. The Air Force and it's contractors are evaluating what role the Wurtsmith lab could be used to fill.	Ongoing	8/1/2023
117	2/15/2023	Determine if Oscoda township will receive any repayment for debt that it has been taken on to extend water mains.	Bill Palmer-Oscoda Township	AFCEC		As of the 17 May 2023 RAB the township has not submitted a request for reimbursement to the AF. This cannot be evaluated until a formal request is received. The Air Force and Township had a call on 15 Jun 2023 to discuss this. The Township indicated they needed to reconcile the financials for the water main expansion done with the loan from the State and it could take up to 6 month. At that time, the Township will know how much they will request in reimbursement and send a request to the Air Force. At the 16 Aug 2023 RAB community meeting Tim Cummings briefed that the matter is currently under review by the Township's Attorney.	Ongoing	8/1/2023
119	2/15/2023	Determine if the water at the small arms range that is used by losco Sportsmen's Club is safe to consume.	Clayton Jolley-community member	AFCEC		Mr. Henry noted that this is a VOC source area and possible PFAS site and would suggest testing for both lead and PFAS, he raised concern regarding why this well was even permitted to be drilled in 2010. Mr. Willis agreed that this area should be tested. Mr. Willis stated at the 17 May 2023 RAB meeting that the well used by the Sportsmen's Club will be sampled as part of the PFAS RI.	Ongoing	5/17/2023
120	2/15/2023	What steps can be taken for the risk assessments' exclusion of PFAS foam testing to be reconsidered to include testing of the foam.	Courtney Cargnan-community member	AFCEC		Mr. Willis stated at the 17 May 2023 that there is no DoD Environmental Laboratory Accreditation Program-approved analytical method for measuring PFAS in foam, foam is present only intermittently rather than presenting a continuous exposure pathway, and exposure parameters for receptors is unknown. A discussion of foam is included in the risk assessment work plan as a low-contribution pathway and will be discussed qualitatively in the uncertainty section of the risk assessment report. As new information becomes available, the risk assessment report may require an addendum to quantitatively account for foam.	Ongoing	8/1/2023
121	5/17/2023	Request that the Air Force post the presentation slides and AI list to the RAB website prior to each community RAB meetings.	Cathy Wusterbarth	AFCEC		Mr. Willis stated at the 6 June 2023 co-chairs meeting that this is being evaluated by USAF. 1 Aug 23 Mr. Willis stated that he would post a "draft presentation" prior to community RAB meeting from now on. Presentations were posted prior to 16-Aug-23 RAB. USAF will continue post them prior to each RAB.	Ongoing	9/8/2023



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122	5/17/2023	Request that each AI has an assigned due date, and each AI is addressed at every RAB community meeting.	Cathy Wusterbarth / Arnie LeRiche	AFCEC		The co-chairs agreed at the 6 June 2023 meeting that from now on, between each RAB there will be a virtual meeting to review and discuss ongoing AIs. This will give an opportunity to review and give a timeline on each item. The most recent meeting was on 6 Dec 2023.	Ongoing	2/19/2024
123	5/17/2023	Request a virtual meeting with the authors of the DOD/University of Oregon study on PFAS foam to learn more about their research.	Arnie Leriche	AFCEC		Mr. Henry stated at the 6 June 2023 co-chairs meeting that he will contact Jennifer Fields of University of Oregon and request a virtual meeting with RAB members. Mr. Henry will report back to the RAB. USAF is looking into having a virtual panel discussion of foam in the spring 2024 with experts from EPA, EGLE, AF, MPART, and academia. Try to schedule approx 30-45 days before May RAB meeting.	Ongoing	12/5/2023
124	5/17/2023	Request a rescreening for levels of PFAS in wildlife and swimming areas.	Arnie Leriche	AFCEC		Mr. Willis stated at the 6 June 2023 co-chairs meeting that he will check with RI work plan to determine which species are being tested and will discuss at the next AI meeting. A poster with species that were sampled and the locations will be provided at the poster session before the 21 Feb 2024 RAB meeting.	Ongoing	2/19/2024
125	5/17/2023	Request the USAF to reconsider soil sampling on the east side of Van Etten Lake.	Cathy Wusterbarth	AFCEC		Discrete soil sampling was planned for the RI on the east side of Van Etten Lake at locations with confirmed foam deposition. However, during a 9 November 2023 meeting in Lansing, EGLE requested that incremental soil sampling be used in lieu of discrete sampling. The USAF agreed but incremental sampling cannot be completed under the current RI contract so will be completed as part of the follow on data gap investigation to support the feasibility study.	Ongoing	9/8/2023
126	5/17/2023	Request that the locations of the plumes on the study maps are clearer and include local landmarks	Mark Henry	AFCEC		Recent clarification in DoD policy enable the Wurtsmith sampling maps to include the aerial background. The maps for the 21 Feb 2024 pre-RAB poster session will include the aerial background.	Ongoing	2/19/2024
127	5/17/2023	Request to see performance data of the IRAs including an estimate of the flux of contaminations making it through the wells so that the weak areas can be identified and improved upon with the final RA.	Mark Henry	AFCEC		A presentation was provide at the Nov 2023 RAB meeting with IRA system performance information. A follow-on presentation will be provided at the 20 Feb 2024 technical session to address questions from the Nov 2023 RAB meeting.	Ongoing	2/19/2024
128	8/16/2023	Request a technical session be scheduled and led by EGLE Water Resources Division and the Remediation and Redevelopment Division to brief the SRD status.	Arnie Leriche	AFCEC		EGLE WRD will provide a presentation on SRDs during the 20 Feb 2024 tech session.	Ongoing	2/19/2024
129	8/16/2023	Request examples of recent and/or representative uses of the Critical Process Analysis	Arnie Leriche	AFCEC		Mr. Willis provide a sample CPA report for Wright-Patterson AFB.	Ongoing	12/5/2023
130	8/16/2023	Request that Mr. Mark Henry be involved with the Critical Process Analysis meetings	Scott Lingo / Kyle Jones	AFCEC		The CPA process does not have a mechanism for members of the public to participate in the CPA sessions in San Antonio. However, Mark Henry and Bob Delaney participated in the site visit in mid October with the CPA team prior to the meetings in San Antonio. The CPA findings and recommendations were discussed with Mark and Bob on 20 December 2023 prior to presenting them to the RAB and	Ongoing	2/19/2024
131	8/16/2023	Request for Mr. Willis / USAF to review administrative processes to speed up the flow of information to the RAB members – meeting minutes, notes, etc.	Dave Carmona	AFCEC		The Air Force is working to fill the vacant position dedicated to supporting Wurtsmith. This will expedite information flow to the RAB.	Ongoing	2/19/2024
132	8/11/2023	Provide RAB members with the environmental sequence stratigraphy report by Burns & McDonnell referenced in the provided CPA report for Wright-Patterson.	Arnie Leriche	AFCEC	12/21/2023	Mr. Willis stated at the 30-Nov-23 co-chairs meeting that he will inquire about the report for the RAB.	Closed	11/30/2023
133	8/11/2023	Request list of Air Force chain of command.	Cathy Wursterbarth	AFCEC	12/21/2023	An organizational chart is being prepared showing the BRAC organization and reporting structure up to OSD.	Ongoing	12/5/2023
134	8/11/2023	Request that the AF implement a regular sampling program monitoring surface water discharge at the three pipes ditch, Clarks Marsh, and other out falls.	Mark Henry / Arnie LeRiche	AFCEC		The Air Force is looking into this. The Airport Authority has a NPDES permit for the outfall into three pipes ditch.	Ongoing	12/5/2023
135	8/11/2023	Request that the comments provided by the RAB on the Alert Aircraft Area IRA proposed plan be addressed separately from the responsiveness summary in the ROD.	Cathy Wusterbarth	AFCEC		Comments will only be addressed in the record of decision responsiveness summary. Separate responses for individual or RAB comments will not be provided.	Ongoing	2/19/2024
136	8/11/2023	Request that the PFAS RI soil delineation map include the plume overlaid on the soil map.	Dave Carmona	AFCEC		A map showing soil results and the PFOS plume will be provided at the pre-RAB poster session on 21 Feb 2024.	Ongoing	2/19/2024
137	8/11/2023	Provide the RAB with an update on the PFAS RI risk assessment in spring 2024.	David Winn	AFCEC		Mr. Willis stated at the 30-Nov-23 co-chairs meeting that this will be a presentation at the May-24 RAB community meeting.	Ongoing	11/30/2023
138	12/6/2023	Provide list of 20 sites where CSMs were prepared under a central project by the Air Force.	Arnie Leriche	AFCEC		This information is being researched.	Ongoing	2/19/2024
139	12/6/2023	Provide list comparing ecological species collected versus what was planned in the work plan.	Arnie Leriche	AFCEC		A poster showing species collected as well as the locations will be provided for the 21 Feb 2024 RAB meeting and can be compared to the work plan.	Ongoing	2/19/2024
140	12/6/2023	Send non-PFAS research questionnaire to RAB	Arnie Leriche	AFCEC		The questionnaire has been requested from the project PM.	Ongoing	2/19/2024