

Cold Regions Research and Engineering Laboratory (CRREL)

Restoration Advisory Board (RAB) Meeting Minutes

January 28th, 2026, 1600 HRS

Hybrid Meeting: Held In-Person at the Richmond Middle School Classroom 307 and Virtually, via Microsoft Teams

Attending:

Christopher Kane (USACE-NAE)	Whitney Plasket (USACE) (virtual)
Amy Rosenstein (USACE-NAE) (virtual)	Roberto Rivera (USAEC) (virtual)
Katherine Miller (USACE)(virtual)	Scott Calkin (WSP)
James M. Wieck (GZA)	Wolfgang Calicchio (WSP) (virtual)
Kristine McDevitt (Community Member)	Bryan Connolly (WSP)
Rene Nahlik (NHDES) (virtual)	Amy Quintin (WSP)
Terry Harwood (CRREL)	Kathryn Sarsfield (WSP) (virtual)
Maira Rojas-Tineo (WSP)	Bree Carlson (Dartmouth)
Amberlee Clark (WSP)	Christopher Mitchell (WSP) (virtual)
Lina Dempsey (WSP)	Bria Robinson (WSP)

Presentation file: 2026_01_28 CRREL_RAB_Meeting_Final.ppt

Mr. Christopher Kane of the United States Army Corps of Engineers-New England District (USACE) called the meeting to order at 1601 hours on January 28, 2026. Mr. Kane welcomed everyone to the RAB for the CRREL Remedial Investigation/Feasibility Study (RI/FS) project. Mr. Kane passed introductions to Mr. Scott Calkin.

Mr. Calkin introduced the WSP team members supporting the project.

Mr. Kane introduced the USACE members who were in virtual attendance and then asked the remaining RAB Members to introduce themselves.

Following introductions, Mr. Kane motioned to approve the September 17th, 2025 RAB Meeting minutes. The motion was seconded by Mr. Harwood and was approved unanimously by the RAB members.

Mr. Kane continued to review the agenda for the meeting with the RAB members including the On-Site Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) updates, the status of the Connecticut River Remedial Investigation (RI) and Feasibility Study (FS) Report status, Groundwater Treatment Pipe repair, Groundwater Management Zone sampling that occurred in January and upcoming work. Mr. Kane then passed the presentation to Mr. Calkin.

Mr. Calkin updated the RAB members that there are no updates to admin record, he informed the members that updates are typically made in the fall and that an update is scheduled for September 2026. He reminded the RAB Members that a hard copy is kept in CRREL facility library, and documents can be found in the Howe Library in Hanover. To access the records, proceed to the information desk and ask for the CRREL Administrative Record.

Mr. Calkin continued the presentation with an update to on-site CERCLA process which includes an updated version of the FS for the CRREL Site (site proper). Revisions will include updates to the Applicable or Relevant and Appropriate Requirements (ARARs) and costs for alternatives. He informed the members that this document will be going to the USACE for review in February. The document will be submitted to the New Hampshire Department of Environmental Services (NHDES) for their approval.

Mr. Calkin continued that a draft of the Proposed Plan has been prepared and Record of Decision (ROD) document will be prepared following finalization of the Proposed Plan.

Mr. Calkin stated that the Groundwater Treatment Plant design was postponed until the ROD is completed.

Mr. Calkin stated that a finalized Work Plan for the Groundwater Treatment Plant Extraction Well Pilot is complete. The pilot test is pending funding, field work is tentatively scheduled for 2027.

Mr. Calkin stated that the Connecticut River RI was issued as final in November 2025. The document can be found on the NHDES OneStop website and will be added to the Administrative Record in Fall 2026.

Mr. Calkin stated that WSP is currently revising the Draft CT River Feasibility Study, which will be submitted to the USACE for review in February 2026.

Mr. Calkin stated that the Quarterly Groundwater sampling was completed in January. He stated that there were no exceedances of NHDES groundwater standard for TCE at the boundary wells sampled. He continued that the next sampling event is scheduled for April 2026.

Ms. Clark provided an update on current and future activities. She stated that indoor air monitoring with the HAPSITE® will be continuing and the Plenum Study, which includes drilling into the Main Laboratory second floor hard ceiling to access the plenum is postponed. She stated that Asbestos Containing Material (ACM) was found in the surface layer of the hard ceiling, and the USACE and WSP are researching the best path forward to manage the ACM before boring/ drilling begins.

Ms. Clark stated the Vapor Intrusion (VI) pathway study is scheduled to be completed in February and is weather dependent. She explained that for the VI Pathway study a tracer gas will be injected into pre-selected soil vapor points and a storm drain to evaluate vapor intrusion pathways.

Ms. Clark stated that VaporSafe air monitoring that was piloted in 2018 and reinstated in the summer of 2024 would be re-established in 2026. She continued that an all-campus Indoor air and Sub-Slab Summa Canister sampling event (Event 18) is scheduled for March of 2026.

Ms. Clark stated that WSP is preparing the HealthMate/HAPSITE/APU Phase Out Sampling Plan, and explained that the objective of this sampling is to determine areas in the Main Laboratory that no longer require filtration or monitoring.

Ms. Clark reiterated that the Groundwater extraction well pilot is expected to occur in 2027 pending funding and a Soil Vapor Extraction (SVE) Pilot test is expected to occur from May to October 2026.

Mr. James M. Wieck asked when the last soil vapor gas sampling event for the site and Rivercrest Community occurred.

Mr. Calkin responded that the most recent soil vapor gas sampling event occurred at the end of July into the beginning of August 2025.

Mr. Kane continued the presentation for upcoming work, stating that the GWTP pumps P3 & P6 will need to be replaced, the well-house flow meter calibrations will be completed, and there is sub-slab depressurization system suction point piping at CRREL that will need to be reinstalled. Mr. Kane continued that the backwash sludge was cleaned out, and the next quarterly cleanout is scheduled for March 2026. He stated that there is no other maintenance scheduled with the stripper tray for groundwater other than normal maintenance until the new plant is operational.

Ms. Clark continued the presentation to discuss work plans that have recently been finalized or are in development. She stated that the Groundwater Extraction Pilot Test Work Plan and VI Pathway Study Work Plan are final. The SVE Pilot Work Plan is Draft Final; the work is scheduled for May through October 2026. Event 18 Summa Canisters sampling and the Healthmate/HAPSITE/APU Phase Out Sampling Work Plans are in the draft stage.

Ms. Clark continued the presentation by providing Interim Remedial System Updates and stated that there are not many updates other than the previously stated soil vapor sampling event that occurred at the end of July to the beginning of August 2025. She stated that the HealthMate filters were replaced in April 2025, the Sub-Slab Depressurization System continues to run, and HAPSITE® monitoring continues with no indoor air exceedances since the last meeting.

Mr. Kane continued the presentation stating that the six-month tray stripper pilot was completed, and new Variable Frequency Drives for the well pumps were installed. He stated the only issue encountered was the pump that was used for the tray stripper. The pump becomes inoperable due to water chemistry fouling. He continued that when the pump was not in use, water treatment flow was bypassed to Tower 1. He elaborated that for the design; a different pump would be used but stripper tray would remain.

Mr. Kane continued that Pumps P1 and P2 were replaced, and water line repairs were completed for an approximate 50-foot section of pipe that was leaking.

Mr. Calkin asked the RAB members if there were any questions. He stated that there are a number of work tasks in the queue, and at the same time next year there will be more information to share with the group.

Mr. Christopher Mitchell thanked the USACE and WSP and stated that for those in the audience that the CERCLA process is lengthy and if there are immediate risks to human health or the environment, the CERCLA process includes processes for rapid response actions.

Mr. Kane thanked Mr. Mitchell for his input.

There were no further questions from the RAB members, the meeting was adjourned at 1628. Mr. Kane thanked the group for taking time to attend the RAB.