

Joint Base McGuire-Dix-Lakehurst (JB MDL)
Restoration Advisory Board (RAB) Final Meeting Minutes
Meeting No. 69 – 17 February 2022

SUBJECT: Restoration Advisory Board (RAB) Meeting No. 69 – Meeting Minutes

- 1) Place: Virtual Meeting via MS Teams
- 2) Date/Time: Thursday, 17 February 2022; 6:45 PM
- 3) Co-Chairs: Mr. Christopher Archer, Deputy Base Civil Engineer, JB MDL
Mr. Michael Tamn, Resident, Southampton Township, New Jersey

4) Attendees:

Mr. Tom Besselman	RAB Community Member
Mr. Gene Fowler	RAB Community Member, Pinelands Municipal Council, Jackson Township
Ms. Branwen Ellis	NJ Pinelands Commission, RAB Member
Mr. Carlos Rivera	Pinelands Preservation Alliance, RAB Member
Mr. Doug Pocze	US Environmental Protection Agency, Region II (EPA)
Ms. Carla Struble	US Environmental Protection Agency, Region II (EPA)
Mr. Bill Friedmann	US Environmental Protection Agency, Region II (EPA)
Mr. Haiyesh Shah	NJ Department of Environmental Protection (NJDEP)
Ms. Kristine Iazzetta	NJ Department of Environmental Protection (NJDEP)
Mr. Ralph Rodrigues	NJ Department of Environmental Protection (NJDEP)
Mr. Curt Frye	U.S. Air Force, AFCEC, Installation Section Support
Mr. Michael Figura	JB MDL, AFCEC/CZO, Environmental Restoration Program
Mr. King Mak	JB MDL, AFCEC/CZO, Environmental Restoration Program
Mr. Jim Richman	JB MDL, AFCEC/CZO, Environmental Restoration Program
Ms. Jalise Wright	JB MDL, AFCEC/CZO, Environmental Restoration Program
Mr. John Montgomery	JB MDL, AFCEC/CZO, Environmental Restoration Program
Mr. Michael Wierman	JB MDL, AFCEC/CZO, Environmental Restoration Program
Mr. Jeff Sagnip	Congressman Chris Smith's Office
Ms. Susan Trussell	US Army Corps of Engineers
Mr. Barry Blanton	Leidos
Mr. Kevin Jago	Leidos
Mr. Niels van Hoessel	FPM
Mr. Tim Llewellyn	Arcadis
Mr. Tom Crone	Arcadis
Ms. Katrina Harris	Bridge Consulting Corp./Arcadis

5) Handouts

- JB MDL Restoration Advisory Board, Meeting No. 69, 17 February 2022, Agenda
- JB MDL Restoration Advisory Board, Meeting No. 69, 17 February 2022, Presentation Slides

6) Call to Order (PowerPoint Slide 1)

The meeting was called to order by Mr. Christopher Archer, Deputy Base Civil Engineer, JB MDL. He welcomed everyone and thanked everyone for attending the virtual meeting of the RAB. Mr. Archer gave a brief overview of some current mission activities.

7) Minutes of Previous Meeting and Review of Agenda Items (Power Point Slides 2-4)

Mr. Michael Tamn, RAB Community Co-Chair, asked for any comments on the minutes from the September 30, 2021 meeting or a motion to approve. A motion was made, seconded, and passed to approve the minutes.

Mr. Jim Richman noted the meeting was being recorded for purposes of preparing the minutes.

Mr. Richman noted there were no outstanding action items.

Mr. Richman reviewed the meeting agenda.

Mr. King Mak welcomed Mr. Carlos Martinez Rivera as the replacement for Mr. Andrew Gold from the Pineland Preservation Alliance.

8) Lakehurst Proving Grounds, Site ZZ003, (Power Point Slides 5-14)

Mr. Mike Figura reminded the Board he had previously presented on a time critical removal action conducted for two disposal pits identified during the Remedial Investigation of the former Lakehurst Proving Grounds Short Range Targets located in the Jump Circle at Lakehurst. He noted the removal action was conducted from April to July of 2021.

Mr. Figura said during the removal action at Target Area A six Mark II 75mm projectiles were discovered and determined to be potentially mustard filled. He explained the six items were packaged and stored in a secure holding facility under 24-hour security. Mr. Figura advised the Army Material Assessment Review Board determined four projectiles were potential/probable mustard filled and two were dirt/water filled; the Board recommended treatment of the six items using the Explosive Destruction System which had been previously used at JB MDL in July 2016. Mr. Figura showed photographs of the holding facility, the Explosive Destruction System, and one of the items from 2016 after treatment.

Mr. Figura reviewed the schedule of activities leading up to the destruction operations planned for May 2022.

9) Dix Small Arms Range, Site SR002 (PowerPoint Slides 15-18)

Mr. Figura showed the location of the site and noted it is a site where the State is the lead environmental regulatory agency. He noted impacted soil had been removed from the site in March through May 2017. He explained NJ Department of Environmental Protection (NJDEP) concurred with the Record of Decision for No Further Action, and a final Record of Decision was signed in January 2022. Mr. Figura said a public notice had been published in conjunction with the RAB meeting notice, and a copy of the Record of Decision is available at the Burlington County Library and in the online Administration Record at <http://ar.afcec-cloud.af.mil/>.

10) Performance-Based Remediation Contract Update/Planned Remedial Actions at OU1 and OU3
(PowerPoint Slides 19-53)

a) Operable Unit 1 (OU1) Remedial Action: Mr. Llewellyn first discussed the planned general remedial actions at OU1 and then specifically for LF003:

- OU1 is located outside the secure area to the north. Three sites are part of OU1—two landfills and a former recycling yard.
- Record of Decision documented chosen remedial actions—enhanced cover systems and land use controls at two landfills (LF003 and LF004) and land use controls restricting residential use at the Former Defense Reutilization Marketing Office (DRMO) Yard (ST007).
- Construction activities can be expected off E. Main Street and McGuire Access Highway.
- Remedial Design currently being reviewed by U.S. EPA and NJDEP.
- Remedial Action planned for spring/summer 2022 with an estimated completion date of August 2022.
- At LF003, the optimized soil cover will ensure a minimum of two feet of soil cover across the entire landfill; removal of vegetation in Pinelands will be minimal.

b) Mr. Kevin Jago discussed the planned remedial action for LF004 and highlighted some activities that are specific to LF004:

- At LF004 the optimized soil cover will ensure a minimum of two feet of soil cover across the entire landfill.
- LF004 is bisected by the McGuire Access Highway so there will be two construction entrances and staging areas.
- Large debris items, tree limbs and material will be removed from the area around the culvert to improve drainage.
- Some brush clearing is required, but the impact to larger mature trees will be minimized to the extent possible; the cleared material will be used as mulch wherever possible.

c) Neils van Hoesel discussed the planned remedial actions at OU3:

- OU3 consists of four sites—three landfills and one sludge disposal area (WP021).
- EPA and NJDEP have provided comments on the draft Remedial Design, and the Air Force is preparing responses to those comments.
- Remedial Action planned for summer/fall 2022.
- At LF002 and LF020, the selected alternative was a soil cover with land use controls and long-term monitoring. The soil cover will ensure a minimum of two feet of cover across the landfills and will increase the slope to promote runoff, thus minimizing infiltration.
- Significant vegetation removal will be needed at the LF002. The site will be re-vegetated after the cover is in place.
- At WP021, the selected alternative is excavation of PCB-impacted soils to return the site to unrestricted use.
- Groundwater will be monitored at the landfills after the soil covers are in place to ensure the remedy has been effective.
- Work is anticipated to begin in spring in 2022 and be completed by the end of 2022.

11) Performance-Based Remediation Contract Update/Removal Action at LF019
(PowerPoint Slides 54-67)

Mr. Tom Crone discussed the time critical removal action conducted at Landfill No. 5, Site LF019 and showed photographs of the action:

- Purpose of the action was to remove material potentially presenting an explosive hazard.
- Phase I was completed in February 2021, and 723 items were removed, inspected and processed as safe. More items were encountered than expected so a Phase II was required.
- Phase II was completed in December 2021, and 2,685 items were removed, inspected and processed as safe. All items have now been removed from the swale and hillside of the landfill. Confirmatory sampling found no detections of explosives.
- Final reporting is underway which will allow for a LF019 Record of Decision to be signed, following by capping of LF019.

12) Performance-Based Remediation Contract Update/National Priority Site Update

Mr. Llewellyn discussed the McGuire National Priorities List Sites and accomplishments since the last meeting, as well as short term goals (Power Point slides 68-80):

- OU-1, Three sites (primarily former landfills--northern part of the Base): Record of Decision has been signed, and the Remedial Design is under review by U.S. EPA and NJDEP. Remedial Action will occur in spring/summer 2022.
- OU-2: Feasibility Study is under U.S. EPA review
- OU-3, Four sites (primarily former landfills--eastern end of the Base): The Remedial Design is under review by EPA and NJDEP. Remedial Action will occur in spring/summer 2022.
- OU-4, One site (active bulk fuel storage tanks located in center of the Base): Record of Decision being finalized for signature. Remedial Design ready for submission to Air Force. Remedial Action to begin in late 2022. Releases of fuel to the groundwater occurred in the past but are no longer occurring. A combination of four remedies will be used for the groundwater.
- OU-5, Three sites (various activities--center of the Base): Proposed Plan is on hold pending review and potential impact of new NJDEP soil standards.
- OU-6, One consolidated site (aircraft operations--aircraft apron): Feasibility Study is final. Proposed Plan under review by U.S. EPA and NJDEP.
- OU-7, Four sites (former maintenance operations--western part of Base): Feasibility Study is under EPA and NJDEP review.
- OU-8, Six sites (former operations--on the airfield itself): Feasibility Study is on hold pending review and potential impact of new NJDEP soil standards.

(c) Boeing Michigan Aeronautical Research Center (BOMARC) Update (PowerPoint Slides 81-86)

Mr. Llewellyn discussed the ongoing Remedial Action at BOMARC and noted the air sparge system has been running for about a year and during the last few months has been operating at about 100% runtime efficiency. He reviewed the groundwater data but noted no significant reductions are expected in the first few years; however, the contamination is being contained. Mr. Llewellyn also displayed surface water data and advised sampling in Success Branch showing decreased concentrations.

(d) McGuire State Led Sites (PowerPoint Slides 87-89)

Mr. Llewellyn displayed an aerial photograph showing the location of the active sites. He reviewed a chart showing 23 sites have been completed to date, leaving seven active sites. Mr. Llewellyn stated ongoing active remediation is underway at five sites, and several sites are close to completion.

(e) Dix State Led Sites (PowerPoint Slides 90-92)

Mr. Llewellyn displayed an aerial photograph showing the location of the active sites. He reviewed a chart showing 14 sites have been completed to date, leaving six active sites. Mr. Llewellyn reviewed the remediation underway at the six active sites, noting SS007 will continue remediation after the contract ends in 2024.

(f) Site Closures Achieved Through the Performance Based Remediation Contract
(PowerPoint Slides 93-99)

Mr. Llewellyn advised 37 site closures have been achieved under this contract, with another 20 planned by the end of the contract in 2024. He noted overall 33 sites have been closed at McGuire, 53 at Dix, and 35 at Lakehurst.

13) RAB and Public Comments (PowerPoint slide 100):

Mr. Tamn asked when the last round of surface water and sediment sampling occurred at North Run and South Run. Mr. Llewellyn responded that sampling was done as part of the Remedial Investigation and will resume during the Remedial Action Phase. Mr. Llewellyn said he could present more information at the next meeting.

Mr. Tamn asked about the materials that would be used in the coverings of the landfills, and Mr. Llewellyn confirmed just soil would be used as the intent is for the coverings to be permeable.

Mr. Tamn asked for additional questions from RAB members and then from members of the public observing the meeting. No other comments were offered. Mr. Tamn asked for any topics for the next meeting and none were offered.

14) Meeting Adjourned:

Mr. Tamn asked for a motion to adjourn the meeting. A motion was made, seconded and unanimously passed to adjourn the meeting at 8:31 PM.

The tentative date for the next meeting is September 2022.