

Naval Air Station Whidbey Island, Restoration Advisory Board Meeting, August 14, 2018

PREPARED FOR: NAVFAC NW

COPY TO:

PREPARED BY: CH2M

DATE: August 14, 2018

SUBJECT: Summary of Meeting Minutes from the Restoration Advisory Board Meeting,
August 14, 2018

Purpose

The purpose of this meeting is to update the public on the restoration program and be part of ongoing actions by providing input.

Navy Staff: Captain Geoffrey Moore
Captain Matt Arny
Kendra Leibman
Laura Himes
Kristine Bennett
Melanie Bengtson
Mike Welding

Christopher Generous
Leslie Yuenger
Jim Rogers

Island County: Doug Kelly

Washington Department of Ecology Staff:
Ron Johnson
Sandra Caldwell

City of Oak Harbor:
Rich Tyhuis

RAB Members:
Kathy Lester
Gary Winlund
Celine Servatius
Maddie Rose

Al Williams
David Macys

Jay Adams
Jim Patton
Krista Jackson

Summary

This document presents a summary of the August 14, 2018 RAB Meeting. The meeting summary is divided into five main sections:

- Part 1: Introductions
- Part 2: Five Year Review
- Part 3: Area 6 Update
- Part 4: PFAS Update
- Part 5: Petroleum Restoration Program Update

Part 1 Introductions

Introductions

- Captain Army will be taking over for Captain Moore.

Status of Previous Action Items

- Charter was revised and is complete
 - New membership and new community co-chairs.

Base Description

Part 2 Five Year Review

- Fifth 5-Year Review coming up.
 - Gives an overview of what has happened in the program over the last five years.
 - Covers specifically the CERCLA sites that have a Record of Decision (ROD) on them.
 - The process has already started, the contractor is pulling together all of the information.
 - The 5-Year Review must be signed by Captain Army by September 2019.

Questions:

- Request for Land Use Controls (LUCs) slide.
- Ms. Lester asked if the community member will be able to review, evaluate, and comment on documents related to restoration per the RAB handbook, page four.
 - Captain Moore stated that making a website to allow board members and public to comment will be an action item. This was added as an action item.
- Mr. Kelly asked if the previous 5-Year Review documents are available on the website.
 - Ms. Himes stated that 2 of the previous reviews are available and all of the RODs are available.

Part 3 Area Six Update (Laura Himes)

- Area 6 has two distinct areas including the Former Industrial Waste Disposal Area used to dispose liquid waste, including solvent oil and sludge and the Navy municipal landfill area.
 - Cleanup beginning in 1993 included: landfill cap, groundwater treatment system with an air stripper (treats for volatile organic compounds), groundwater monitoring, and excavation at the Former Industrial Waste Disposal Area.
 - Emerging chemicals 1,4-Dioxane and PFAS are not treated by the groundwater treatment system.
 - Since the last RAB:
 - Off-site investigations that included sampling for 1,4-Dioxane, vinyl chloride, and PFAS.
 - Public meeting regarding off-site sampling held on June 18.
 - Finalized the Focused Feasibility Study related to 1,4-Dioxane in July 2018.
 - Continued remedial action operations related to Land Use Controls (LUCs) inspections.
 - Continuing to operate the system and continuing groundwater monitoring.
 - In reviewing the offsite sampling results, there were some detections of both vinyl chloride and 1,4-Dioxane but they are not above any treatment levels. Kendra will review the PFAS results related to offsite sampling results around Area 6.
 - Planned work before next RAB:
 - Continue to get results of the off-base sampling.
 - Working on Proposed Plan and ROD Amendment for 1,4-Dioxane.
 - Continue operation of the groundwater treatment system and landfill maintenance and operation, including groundwater monitoring.

Questions

- Ms. Servatius asked for information sheets/data sheets on 1,4-Dioxane and vinyl chloride to be put on the website.
 - Ms. Leibman stated yes.

Part 4 PFAS Update (Kendra Leibman)

- Drinking water investigation
 - Since last RAB meeting off-site drinking water sampling was conducted near Area 6 and the periodic monitoring sampling was done for drinking water wells near OLF Coupeville and Ault Field.

- For Area 6 drinking water sampling, the investigation areas were selected based on the groundwater flow direction, creating a half a mile boundary to the west and to the south.
 - In the Phase 1 sampling area, 5 wells came back with levels above the Lifetime Health Advisory (LHA)
 - Awaiting results for the Phase 2 sampling area.
- OLF Coupeville has had 112 distinct wells sampled to date. As of March 2018, all wells that had detections for PFAS were resampled along with any wells adjacent to wells that exceeded the LHA.
 - This sampling will be done twice a year.
 - There are 8 wells in this area that exceed the LHA.
 - Next sampling event in Coupeville will be next month.
- Ault Field has had 105 distinct wells sampled. In March 2018, a similar investigation was done at Ault Field as at OLF Coupeville.
 - There are 2 wells in this area that exceed the LHA.
- PFAS Drinking Water Solutions
 - Continuing to provide bottled water to the homes that have PFOS and PFOA exceedances above the LHA and will continue to do so until a long-term solution is put in place.
 - The long-term solution in Coupeville was selected earlier this year
 - Connecting homes to the Town of Coupeville's water system. The treatment system is currently under construction.
 - Putting PFAS treatment in the Town of Coupeville system for long-term sustainability of their water source.
 - Finalized a Memorandum of Understanding which summarizes roles and responsibilities between the Navy and the Town of Coupeville and how we plan to complete the long-term solution.
 - Finalized the Time Critical Removal Action Memorandum which summarizes the planned action for drinking water impacted by PFAS in Coupeville.
 - Continuing to work on the long-term solution for the two wells that exceeded the LHA in Oak Harbor.
 - Aquifer test completed on new wells that were drilled as a possible new alternative drinking water supply. Results are being evaluated.
 - Interim solution for Oak Harbor residences near Area 6 with exceedances greater than the LHA is a filter at the kitchen sink in place of bottled water.
 - Long-term solutions that are being evaluated for the other areas; a new well, putting a filter on their well, or connecting them to a public water supply.
 - Planned work before next RAB:

- Resample the wells in September 2018
- Continue to implement and verify performance on any interim solution.
 - To date only installed one filter at a kitchen sink as an interim solution and it has been successful.
- Continue to work on the design for the Town of Coupeville's water supply as well as the water distribution design that will go to the impacted residences and continue to evaluate long-term solutions for the impacted wells in Oak Harbor.
- Groundwater PFAS Investigation
 - Since the last RAB:
 - Finalized the OLF Coupeville site inspection report which is data that was collected in 2016/2017. It is available through the PFAS website.
 - Draft Preliminary Assessment for Ault Field, OLF Coupeville, and the Seaplane Base.
 - Evaluated the data that was collected during the focused site inspection at Ault Field and OLF Coupeville.
 - Four wells were installed at OLF Coupeville. Three of the four wells came back above the lifetime health advisory.
 - At Ault Field wells near the current firefighting school were sampled. All the wells that were sampled were above the lifetime health advisory.
 - Nine other wells that were installed across Ault Field have very low detections. Nothing came back above the LHA.
 - Planned work before next RAB:
 - Finalize the Preliminary Assessments for PFAS for Ault Field, OLF Coupeville, and the Seaplane Base.
 - Develop final reports for the focused site inspections at Ault Field and OLF Coupeville.
 - The focused site inspections were conducted prior to the preliminary assessment in order to inform what was upgradient on our base in the groundwater to help evaluate long-term solutions for the off-Base wells with LHA exceedances.
 - Will start the site inspection work plans for these areas.
 - Will be a result of what comes from the preliminary assessment documents.

Questions

- Ms. Jackson asked what brand of filter has been chosen for the kitchen sink.
 - Ms. Leibman stated that it is a filter through Culligan. Kendra will email Ms. Jackson the specifics.

- Ms. Bennett asked if the preliminary data for the 9 wells will be in the record in the focused site inspection.
 - Ms. Leibman stated that if the report is finalized it will be presented at the next RAB.
- Mr. Johnson asked if the sampling to be done on Seaplane base is not because of contamination, just to rule it out?
 - Ms. Leibman stated that there is very limited indication that it has been used.

Part 5 Petroleum Restoration Program Update (Kristeen Bennett)

- Continuing the long-term monitoring between the former fuel farms.
- Active product removal at Former Fuel Farm 1 and 3, sometimes 2.
 - Thought 2 was close to being done, have limited product within the last two years.
- Work is going to be started on the A3 UST site
 - “Dig and Haul” work to be done. Excavating and recycling petroleum contaminated soil and just backfilling it with a clean source.
 - Will have data on the source before placing it in the ground. Hope to present it in about 6 months or so.
 - Construction to start in mid-September, around September 17th.
- Military Munitions Response Program
 - Aviation Fleet Gunnery School, Machine Gun Ranges B and C: the primary contaminants of concern are lead from the lead shot in the bullets and PAHs which is used as a binding agent.
 - These sites are primarily used for recreational use only, they have LUCs that specifically state they are only to be used for such. We monitor this.
 - Polnell Point was an EOD area, a burn area, primarily on the northern portion we will be looking at within the next couple years.
 - Lake Hancock: moving forward with doing a surface removal. Our records indicate we only used practice munitions there. Will likely have LUCs in place after first removal.
 - ROD signed that states we will be doing annual inspections and surface removals if we have munitions related debris within the target area. ROD also addresses LUC signage and fence issues.
- Planning to update community relations plan. Most recent version was updated in 2010.

Questions

- Ms. Servatius asked if a new underground storage tank was going to be installed.
 - Ms. Bennett stated that no, they think it was a legacy site. They figured it was an old fueling station and not related to an oil tank. During interviews people recalled seeing a fueling station in the late 40’s to early 50’s.

- Ms. Lester asked about Former Fuel Farm Three. She asked if there was going to be monthly recovery on product on how many wells.
 - Ms. Bennett stated that it is only being done once a year because they are not accumulating that much.
- Ms. Lester asked if any product was coming out of the wells at Former Fuel Farm One.
 - Ms. Bennett stated that there are trace amounts but not as much as Former Fuel Farm Three, where there was a large spill in approximately the early 1970s.
- Ms. Lester asked if just VOCs were being monitored at Former Fuel Farm One.
 - Ms. Bennett stated that just monitoring for natural attenuation.
- Ms. Lester asked if they are using a protocol for natural attenuation.
 - Ms. Bennett stated yes.
- Regarding Munitions Ms. Rose asked what area the vegetation is removed from.
 - Ms. Bennett stated where they are installing the new fence on the boundaries. The base does a little bit of invasive plant patrol already.
 - Captain Moore stated it was the Natural Resources Officer, Mike Bianchi. Ms. Bengtson to get the contact information for Ms. Rose.
- Mr. Williams asked if the Navy will be following the Washington State laws about PFOA and PFAS or if the Navy is exempt.
 - Captain Moore stated that yes, the Navy is exempt as a federal entity. However, as internal policy we do not use AFFF for training. We could use the new version with less PFC, but if the fire can be put out with water we will do that instead.
- Ms. Rose suggested approaching the Sno-Isle Library to provide copies of the RAB documents.
 - Ms. Bengtson stated that it can be looked into.

Meeting adjourned at 6:10 pm.