



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



Agenda



- 5:00 – 5:10 Welcome and Introductions**
- 5:10 – 5:20 Overview**
 - Ground Rules
 - Review March 2018 RAB Action Items
- 5:20 – 6:20 Environmental Restoration Program
Overview/Update**
- 6:20 – 6:50 Community Comments**
- 6:50 – 6:55 Action Items**
- 6:55 – 7:00 Next Meeting Date and Agenda Topics**



Ground Rules



- **Please turn cell phones off or to vibrate.**
- **If you must take an urgent call, please take the call outside the room.**
- **Be respectful of others.**
- **Please talk one at a time and wait to be recognized by a Co-Chair.**
- **Please limit side conversations.**
- **Be patient when listening to others speak and do not interrupt them please.**
- **Please stay on topic, while limiting conversation to agenda topics.**
- **Please address any concerns about the discussion or the meeting with the Co-Chairs.**



March 2018 RAB Action Items



- Finalize RAB charter (complete)



NAS Whidbey Island Environmental Restoration Sites





Ault Field “Active Sites”





Seaplane Base “Active Sites”





Outlying Landing Field (OLF) Coupeville





Area 6 Landfill

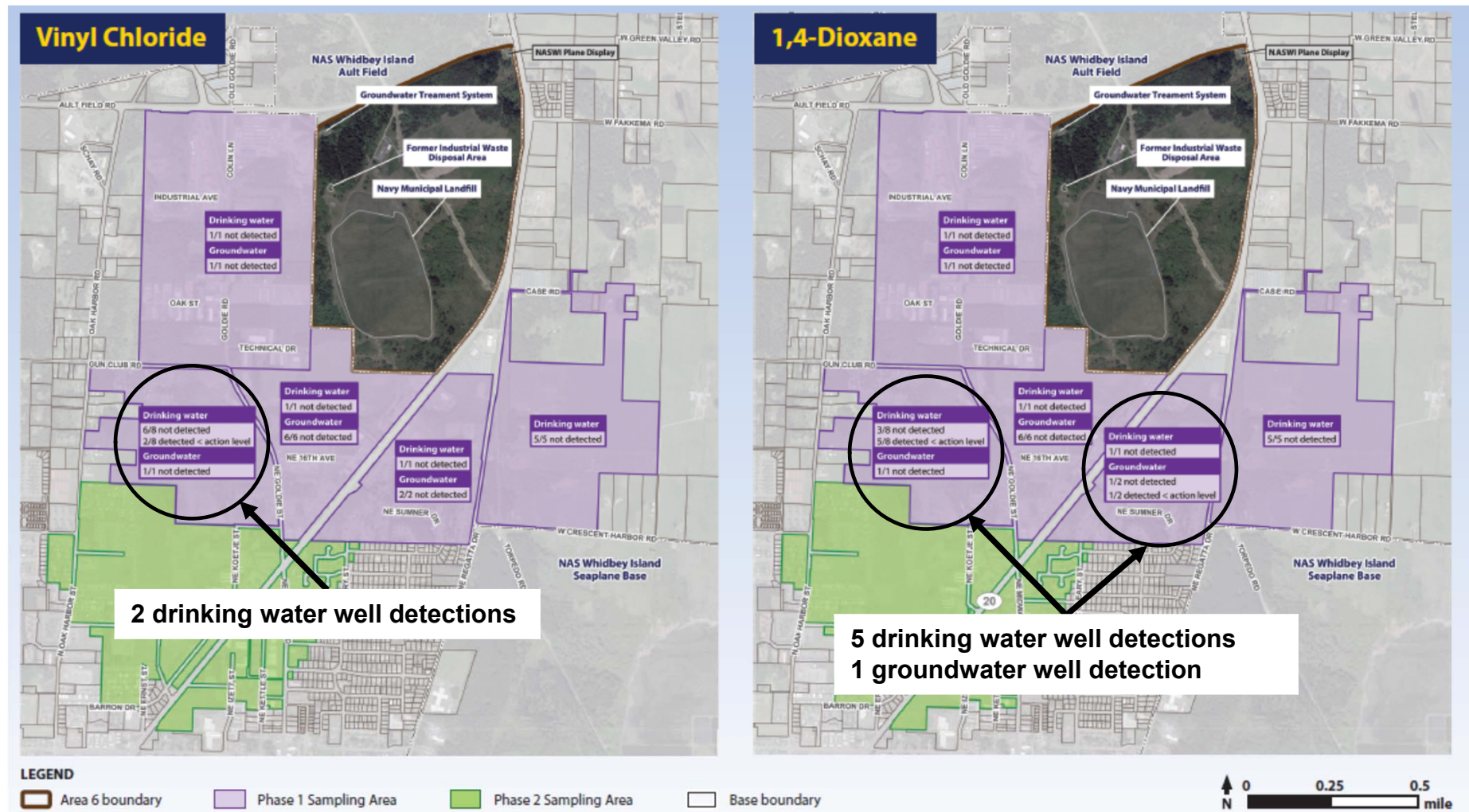


Work conducted since last RAB...

- **Investigation Related (1,4-Dioxane & Vinyl Chloride)**
 - Off-base Groundwater and Drinking Water Sampling
 - Public Meeting held June 18th
- **Focused Feasibility Study (FFS) Related (1,4-Dioxane)**
 - Finalized FFS
- **Remedial Action Operation Related (all VOCs)**
 - LUC inspection
 - On-going groundwater treatment system and landfill maintenance and operation
 - Conducted annual groundwater monitoring



Area 6 – Off-Base Sampling Phase 1 Results





Area 6 Landfill



Work planned before next RAB...

- **Investigation Related (1,4-Dioxane & Vinyl Chloride)**
 - Continued Results of Off-base sampling for 1,4-dioxane and vinyl chloride
- **Proposed Plan (1,4-Dioxane)**
 - Continue Proposed Plan for Record of Decision Amendment
- **Remedial Action Operation Related (VOCs)**
 - Continued on-going groundwater treatment system and landfill maintenance and operation



PFAS Drinking Water “Investigation”



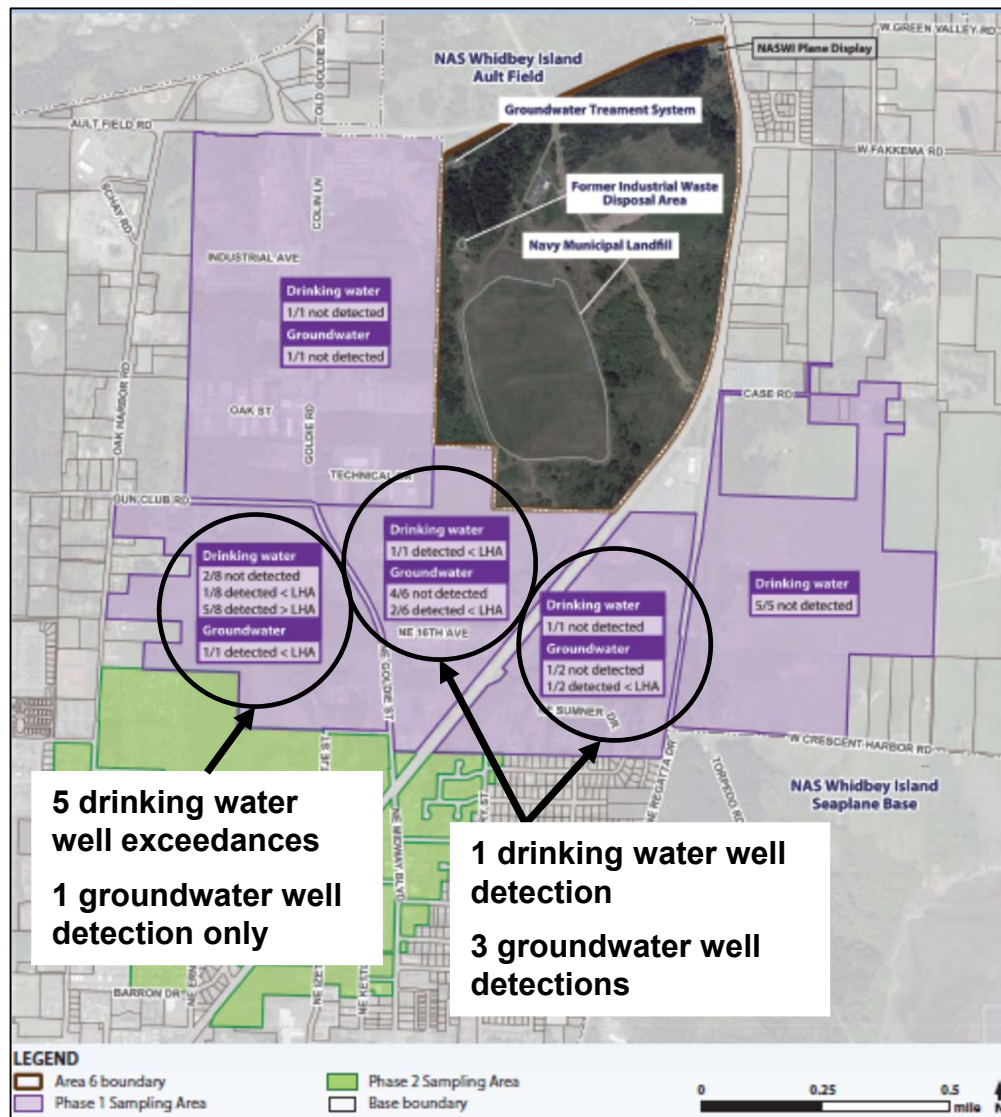
Work conducted since last RAB...

▪ Off-Base Residences

- Conducted Area 6 off-base drinking water & groundwater sampling
- March 2018 drinking water well re-sampling



PFAS Area 6 Off-Base Sampling Phase 1 Results

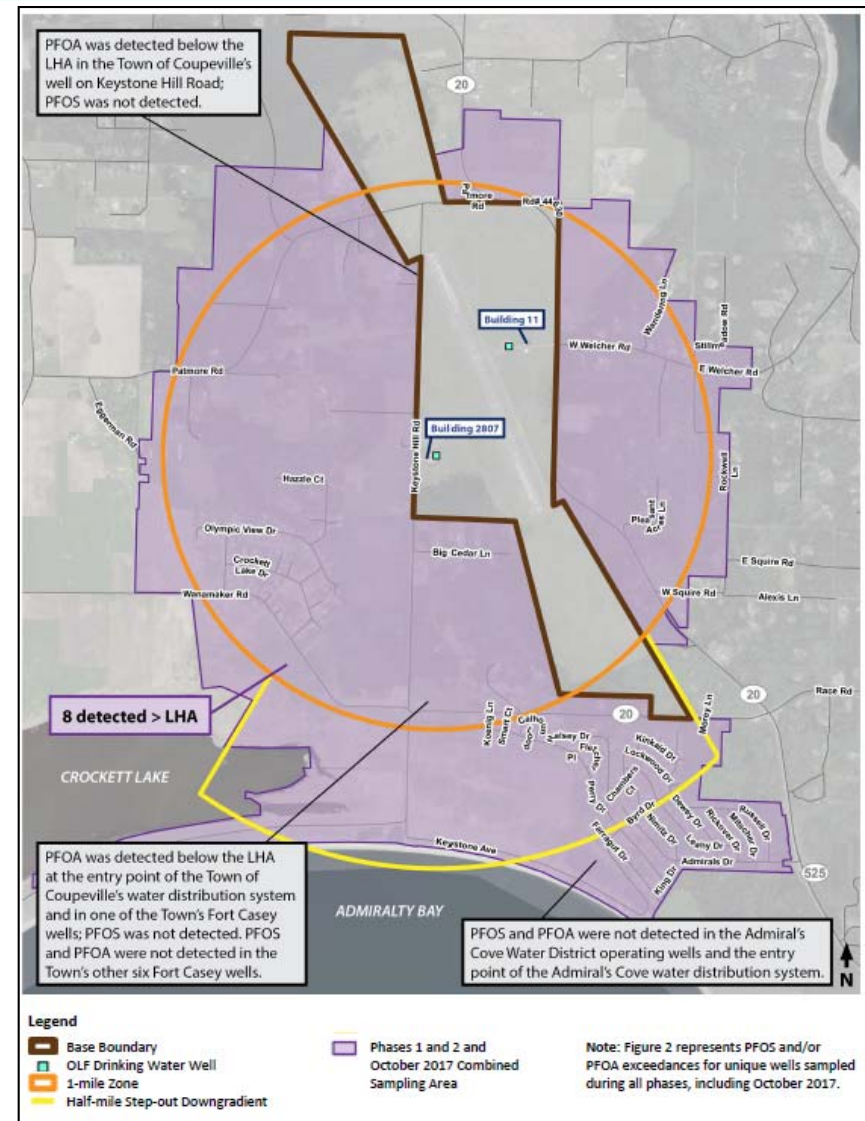




OLF Coupeville PFAS Drinking Water Well Results



- 112 distinct wells sampled
- **March 2018** well re-sampling for PFAS detections and wells located adjacent to properties with PFOS and/or PFOA exceedances
- 8 wells exceed PFOA LHA (10 homes)
- Next re-sampling effort in **September 2018**





PFAS Drinking Water “Solutions”



Work conducted since last RAB...

▪ Off-Base Residences

- Continued to provide bottled water to homes with PFOS/PFOA exceedances
- Long-term solution in Coupeville
 - Continued working on PFAS treatment and pipeline design
 - Time-Critical Removal Action Memorandum finalized
 - Town/Navy Memorandum of Understanding finalized
- Long-term solution in Oak Harbor near Ault Field
 - Aquifer tests conducted on new monitoring wells
- Long-term solution in Oak Harbor near Area 6
 - Discussed interim solution (filter for kitchen sink) and potential long-term solutions with impacted residents



PFAS Drinking Water “Investigation & Solutions”



Work planned before next RAB...

▪ Off-Base Residences

- Re-sample drinking water wells in September 2018
- Implement and verify performance of interim solution at impacted residences (i.e., kitchen sink filter)
- Continue to work on PFAS treatment design for Town of Coupeville's water supply
- Continue to work on water distribution design for impacted residences in Coupeville
- Continue to evaluate long-term solutions for impacted residences near Ault Field



PFAS Groundwater Investigation



Work conducted since last RAB...

▪ On-Base

- Finalized 2016/2017 OLF Coupeville Site Inspection Report
- Draft Preliminary Assessments for PFAS at Ault Field, OLF Coupeville, and Seaplane Base
- Evaluated data from Focused Site Inspections at Ault Field and OLF Coupeville
- Evaluated sampling data from existing groundwater wells near Current Fire Fighting School



PFAS Groundwater Investigation



Work planned before next RAB...

▪ On-Base

- Finalize Preliminary Assessments for PFAS at Ault Field, OLF Coupeville, and Seaplane Base
- Develop reports for Focused Site Inspections at Ault Field and OLF Coupeville
- Start Draft Site Inspection Work Plans for OLF Coupeville, Ault Field and Seaplane Base



Petroleum Restoration Program Update



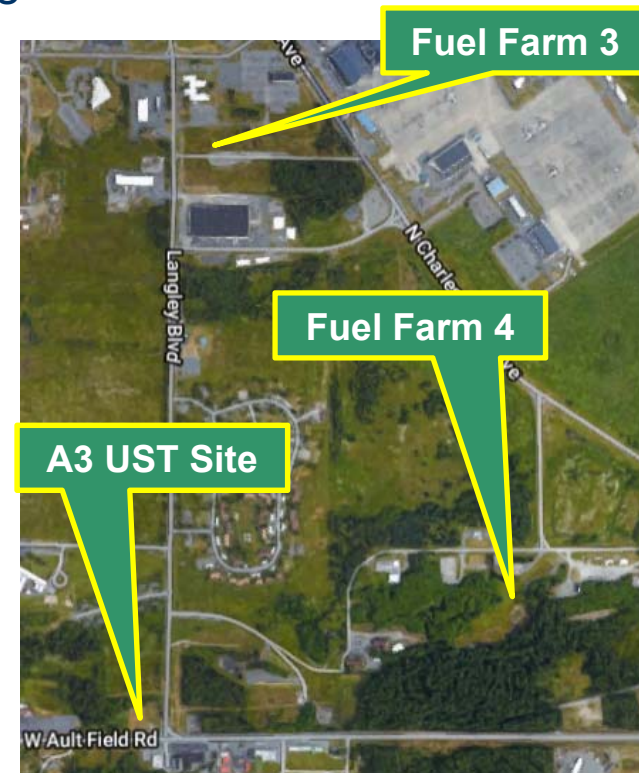
Work conducted since last RAB:

- Continued free-product recovery and groundwater monitoring/sampling



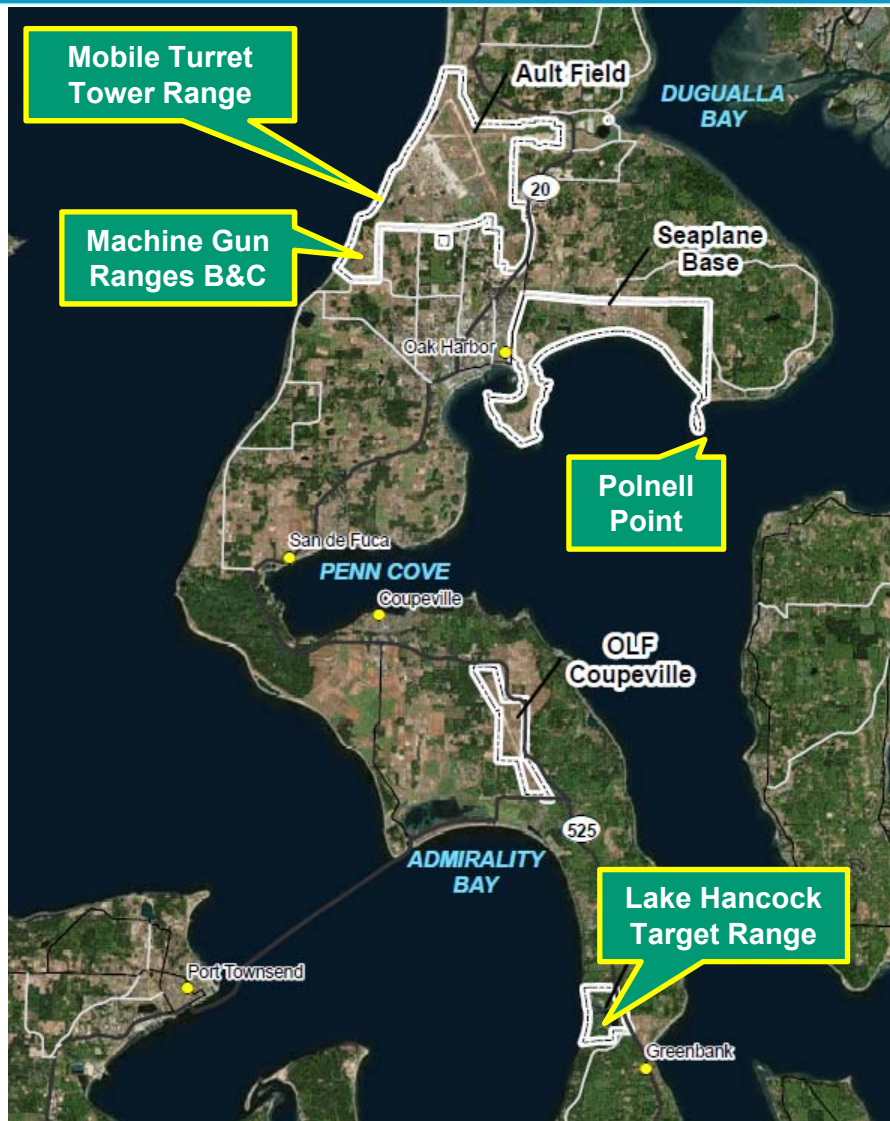
Work planned before next RAB:

- Free-product recovery and groundwater monitoring/ sampling at FFs
- Begin remedial action at A3 UST Site





Military Munitions Response Program



- Lake Hancock Target Range
- Machine Gun Ranges
 - Mobile Turret Tower Range
 - Machine Gun Ranges B & C
- Polnell Point Explosive Ordnance Disposal/Burn Area



Lake Hancock Target Range

Remedial Action



- **Surface Removal Only (within green outlined area)**
- **Future Land use controls, including:**
 - Annual inspections and surface removal of munitions debris (if required) around target area;
 - Five-year inspections and surface removal of munitions debris (if required) within the entire removal action area;
- **Repair and/or replace fencing and signage.**





Lake Hancock Target Range

Timeline



November 2017 – August 2018: Project Planning

- Remedial Action Work Plan
- Explosive Safety Submission

September 2018 – December 2018: Field Work

- **September:** Vegetation Removal and Boundary Survey
- **September – October:** Surface MEC/MPPEH Removal
- **October – November:** Fencing and Signage Installation
- **November:** LUC Survey

December 2018 – July 2019: Reporting

- After Action Report



Community Input



- **Community Comments**
- **Action Items**
- **Next Meeting Date, Time and Location**
- **Future Agenda/Discussion Topics**
- **Meeting Adjournment**