Private Drinking Water Well Sampling for PFAS near NAS Whiting Field and NAS Whiting Field's Outlying Landing Fields

FOR MORE INFORMATION

Please visit our interactive website to view informational displays about ongoing drinking water sampling near NAS Whiting Field and associated outlying landing fields:

www.whitingfieldpfas.com

or scan the QR code ↓

TO FIND YOUR PROPERTY

You can identify if your property is in the sampling area by navigating to the Find My Property Map on www.whitingfieldpfas.com, or by visiting the map directly:

https://jacobs.maps.arcgis.com/apps/webappviewer/index.html?id=3a98511fe31048fdba7e327d640466d1

or scan the QR code ↓

TO REQUEST DRINKING WATER WELL SAMPLING

leave a message at
844-NASWFLD (844-627-9353)
or email the Whiting Field Public Affairs Office at
cnic_se_whtg_pao@us.navy.mil

FOR MORE INFORMATION

visit **http://www.navfac.navy.mil/NASWF**

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ACRONYMS & ABBREVIATIONS

DoW	Department of War	OLF	Outlying Landing Field
EPA	U.S. Environmental Protection Agency	PFAS	per- and polyfluoroalkyl substances
NAS	Naval Air Station	ppt	part(s) per trillion

Why Is the Navy Sampling for PFAS in Private Drinking Water Wells Nationwide?

- The Navy is addressing PFAS across all Navy-owned properties following the EPA's cleanup process
- Since 2016, the Navy's priority has been to address potential exposure in drinking water wells in neighboring communities
- In April 2024, the EPA published standards (maximum contaminant levels) for PFAS in public drinking water systems
- In response, DoW implemented a policy to address exposure in private drinking water wells
  - Prioritizes drinking water wells with the highest levels
  - Considers the widespread presence in the environment

PFAS	EPA Maximum Contaminant Level for Public Water Systems	DoW PFAS Interim Action Level for Private Drinking Water Wells
perfluorooctanoic acid (PFOA)	4 ppt	12 ppt
perfluorooctane sulfonic acid (PFOS)	4 ppt	12 ppt
perfluorononanoic acid (PFNA)	10 ppt	30 ppt
perfluorohexane sulfonic acid (PFHxS)	10 ppt	30 ppt
hexafluoropropylene oxide dimer acid (HFPO-DA, or GenX)	10 ppt	30 ppt
hazard index for mixture of at least two of PFHxS, PFNA, HFPO-DA, and perfluorobutane sulfonic acid (PFBS)	1 (no units)	3 (no units)

Note: These levels are based on current EPA National Primary Drinking Water Regulation (NPDWR) levels. If EPA updates applicable requirements, DoW will review and update its policy as appropriate.

The Navy continually evaluates PFAS exposure and takes action as necessary.

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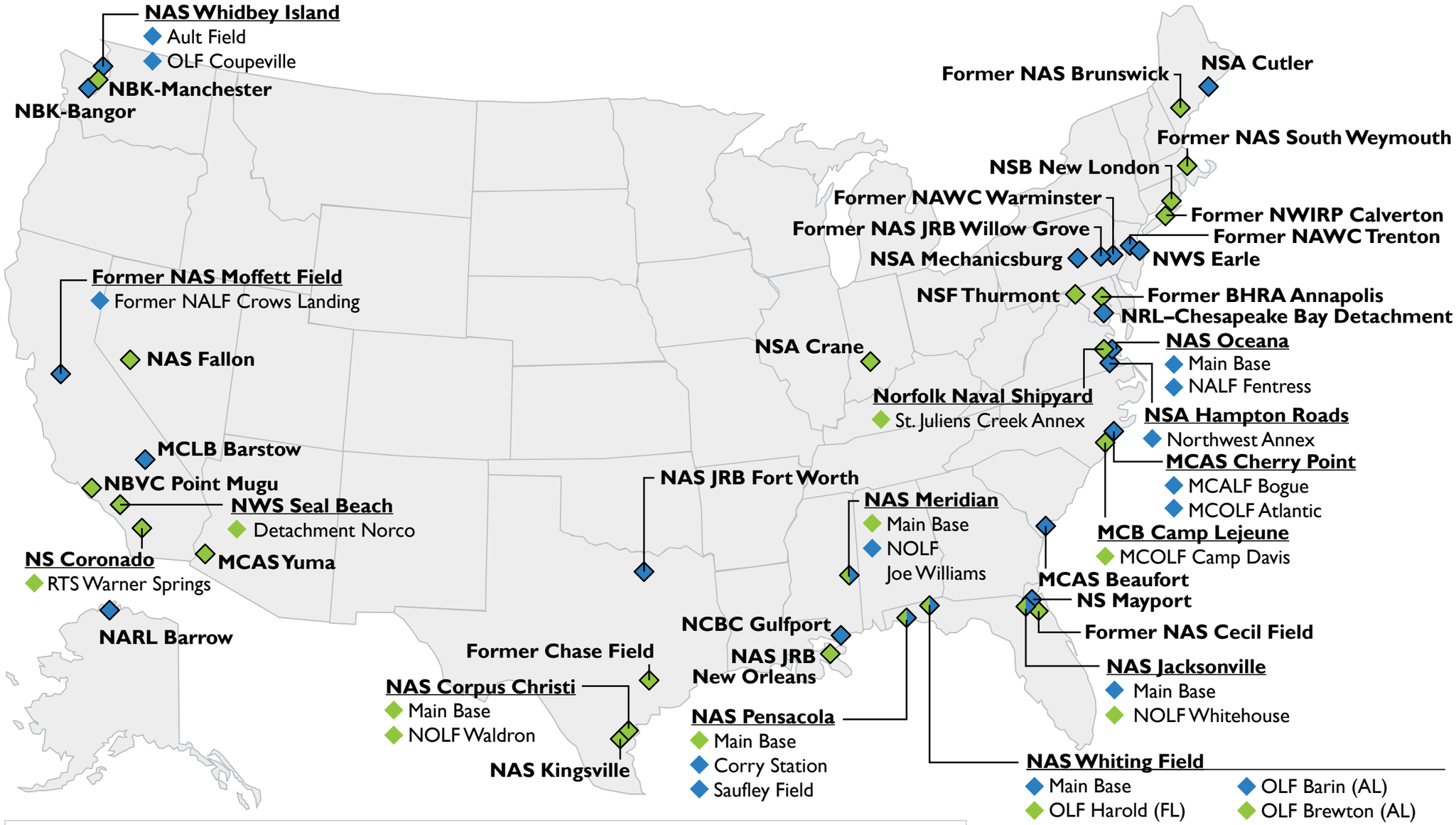
Navy Off-Base Drinking Water Well Sampling

2015–May 2026



LEGEND

- At or above DoW PFAS Interim Action Levels for Private Drinking Water Wells
- Below DoW PFAS Interim Action Levels for Private Drinking Water Wells

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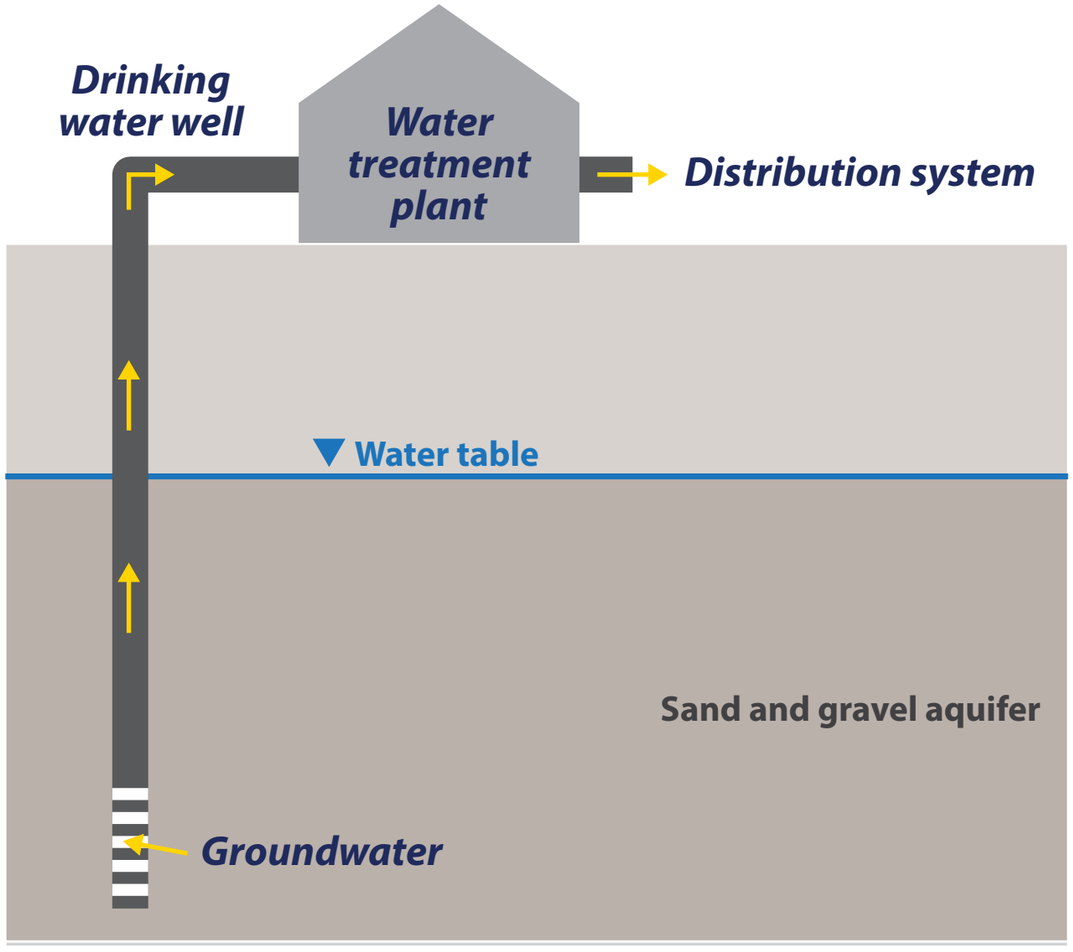
NAS Whiting Field On-Base Drinking Water

- Drinking water at NAS Whiting Field is supplied by three on-base wells
- NAS Whiting Field upgraded the water filtration system in 2021 to effectively remove PFAS
- PFAS have not been detected in treated drinking water since upgrades to the water filtration system
- On-base drinking water continues to be monitored

NAS Whiting Field Drinking Water Distribution



FOR MORE INFORMATION
about on-base drinking water results:
visit **https://cnrse.cnic.navy.mil/Operations-and-Management/Environmental-Support/Water-Quality-Information/**
or scan the **QR code** →

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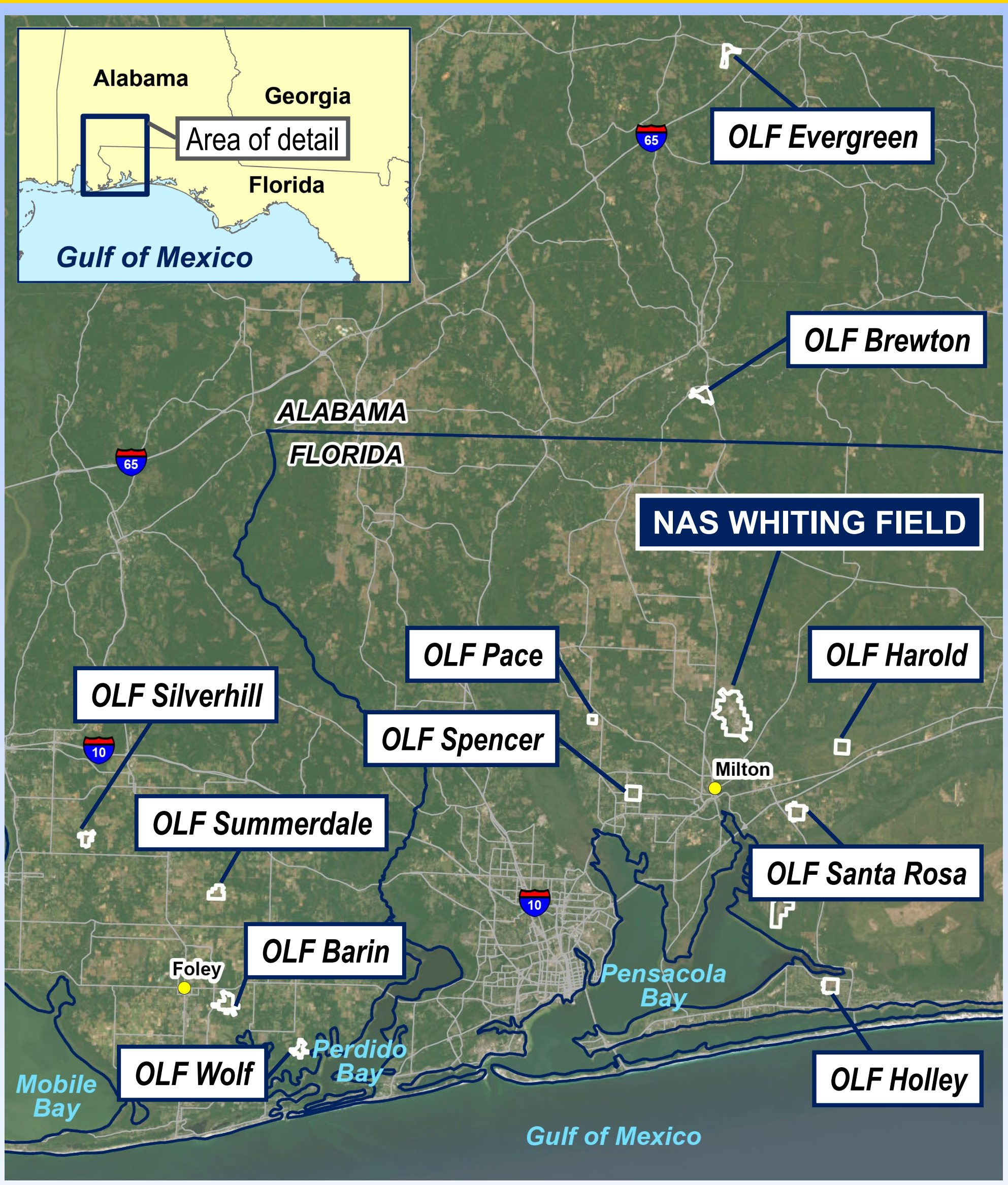
NAS Whiting Field and Outlying Landing Fields PFAS Investigation



LEGEND

Base boundary — State boundary

N 0 10 20 miles

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NAS Whiting Field Private Drinking Water Well Results

Total wells sampled	73
No detections	13
Detections *below* DoW PFAS Interim Action Levels for Private Drinking Water Wells	13
Detections *at or above* DoW PFAS Interim Action Levels for Private Drinking Water Wells	47

2021 Initial Sampling Area – Northwest: 14 wells sampled	
no detections	7
detections *below* DoW PFAS Interim Action Levels for Private Drinking Water Wells	6
detections *at or above* DoW PFAS Interim Action Levels for Private Drinking Water Wells	1

2021 Initial Sampling Area – Northeast: 6 wells sampled	
detections *below* DoW PFAS Interim Action Levels for Private Drinking Water Wells	4
detections *at or above* DoW PFAS Interim Action Levels for Private Drinking Water Wells	2

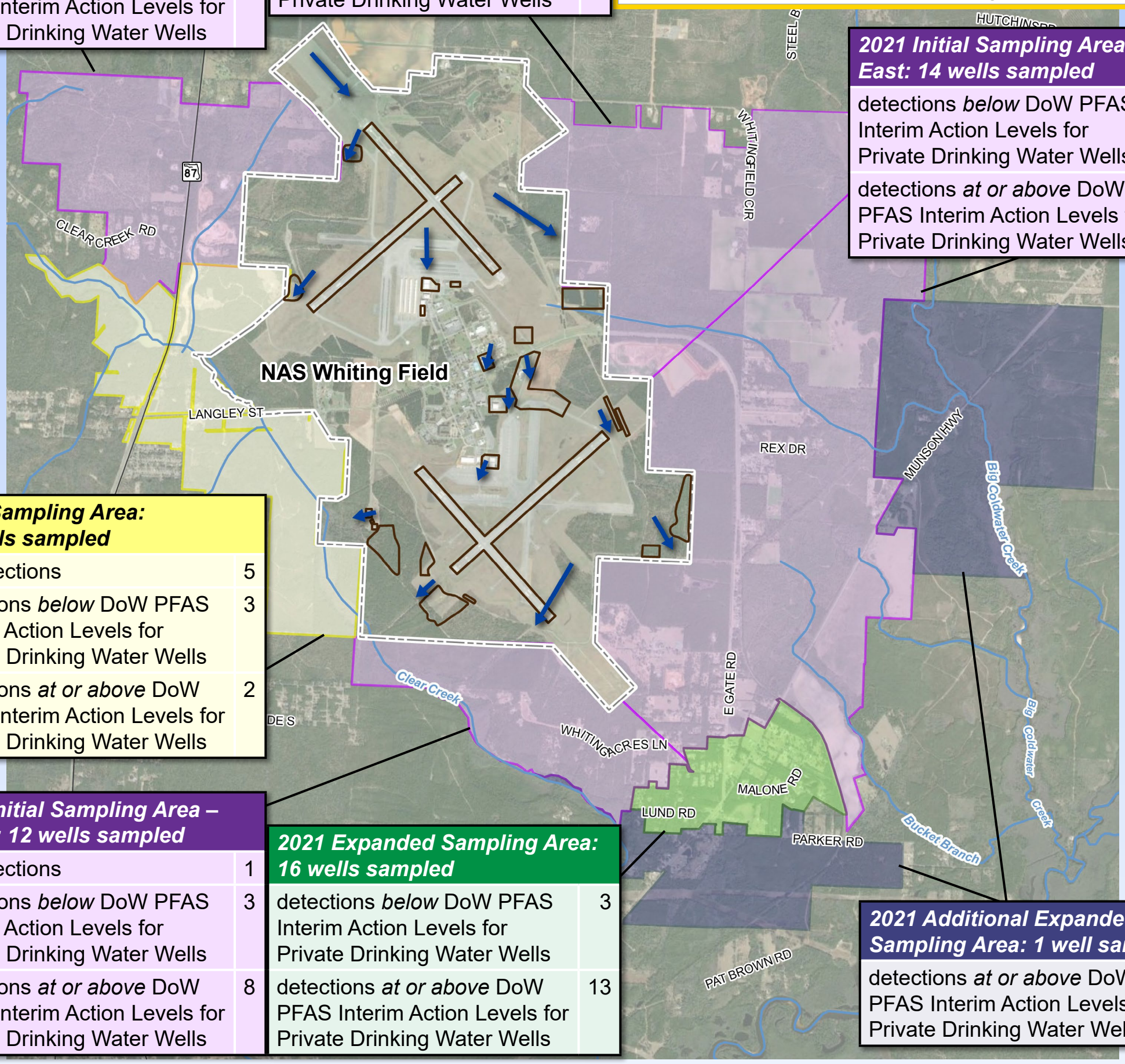
2021 Initial Sampling Area – East: 14 wells sampled	
detections *below* DoW PFAS Interim Action Levels for Private Drinking Water Wells	4
detections *at or above* DoW PFAS Interim Action Levels for Private Drinking Water Wells	10

2017 Sampling Area: 10 wells sampled	
no detections	5
detections *below* DoW PFAS Interim Action Levels for Private Drinking Water Wells	3
detections *at or above* DoW PFAS Interim Action Levels for Private Drinking Water Wells	2

2021 Initial Sampling Area – South: 12 wells sampled	
no detections	1
detections *below* DoW PFAS Interim Action Levels for Private Drinking Water Wells	3
detections *at or above* DoW PFAS Interim Action Levels for Private Drinking Water Wells	8

2021 Expanded Sampling Area: 16 wells sampled	
detections *below* DoW PFAS Interim Action Levels for Private Drinking Water Wells	3
detections *at or above* DoW PFAS Interim Action Levels for Private Drinking Water Wells	13

2021 Additional Expanded Sampling Area: 1 well sampled	
detections *at or above* DoW PFAS Interim Action Levels for Private Drinking Water Wells	1



LEGEND

- Additional PFAS investigation recommended
- Base boundary
- Potential groundwater flow direction
- 2017 sampling area
- 2021–present initial sampling area
- 2021–present expanded sampling area
- 2021–present additional expanded sampling area

N 0 0.5 1 mile

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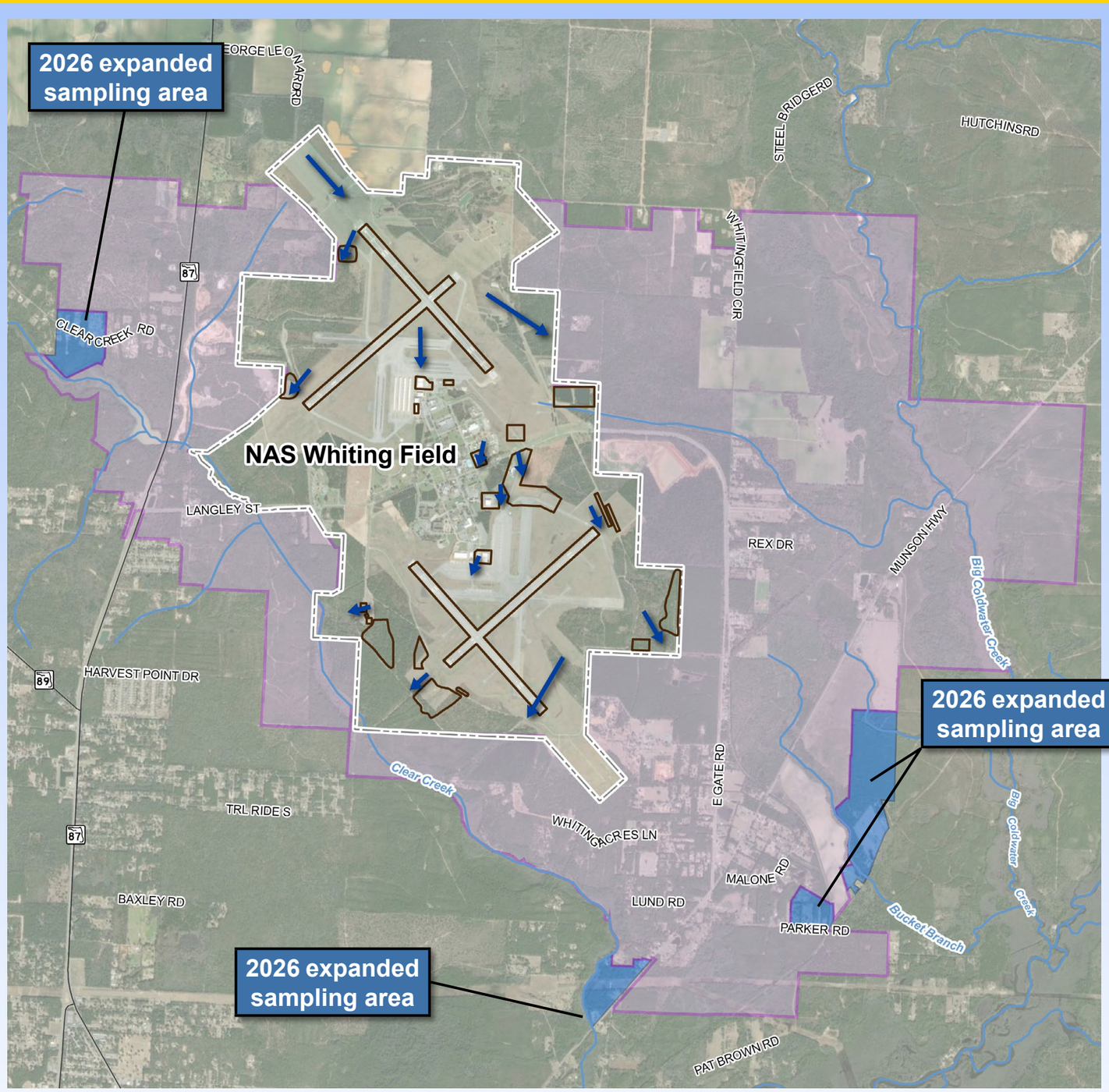
NAS Whiting Field 2026 Private Drinking Water Well Sampling Area



- The sampling area was expanded in consideration of:
  - 2024 DoW Policy
  - Previous data
  - Groundwater flow direction
- The Navy is offering to sample your drinking water well if your property is located within the sampling area **AND** either:
  - Your drinking water well has <u>never been sampled</u> by the Navy

    or
  - Your drinking water well was <u>sampled before 2025</u> by the Navy
- You can identify if your property is in the sampling area using the Find My Property Map on this webpage

LEGEND

- Additional PFAS investigation recommended
- Base boundary
- Potential groundwater flow direction
- 2017–present sampling area
- 2026 expanded sampling area

N 0 0.5 1 mile

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Environmental Cleanup Process

PRIORITY: Protect Human Health and the Environment

- The federal Superfund cleanup process is being used to address environmental releases, including PFAS
- The Navy is responsible for implementing the investigation and cleanup process
- The EPA and Florida Department of Environmental Protection provide regulatory oversight
- The investigation and cleanup process can take years to complete

PFAS Environmental Cleanup Process

WE ARE HERE

Investigate → **Determine cleanup options** → **Plan and implement** → **Cleanup complete**

Protective interim actions can be taken at any time

- Evaluate potential releases
- Determine amount and size of contamination
- Determine and address potential exposures and risks

- Evaluate:
  - Length of cleanup
  - Regulatory requirements
  - Costs
  - Current technology
- Request public input
- Make cleanup decisions

- Develop and implement plans
- Provide long-term management

- Achieve long-term project goals

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Per- and Polyfluoroalkyl Substances (PFAS)

What Are PFAS?

- Group of manufactured chemicals
- PFOA and PFOS are the most studied
- Present in the environment around the world (in air, water, soil, animals, plants, and humans)
- Called "forever chemicals" because they last a long time in the environment
- Widely used since 1940s in many products, such as:

firefighting foam

stain-resistant carpets and fabrics

water-resistant fabrics

personal care products

nonstick cookware

food packaging

- Ongoing nationwide effort to phase out PFAS in manufactured products

How Can People Be Exposed to PFAS?

- PFAS may be present in drinking water, food, indoor dust, some consumer products, and workplaces
- Most non-work-related exposures occur by drinking water or eating food that contains PFAS
  - Drinking water is a primary source of exposure
- PFAS can transfer to an unborn offspring or a nursing infant by mothers exposed to PFAS

How Can People Reduce Exposure to PFAS?

- **GET YOUR DRINKING WATER WELL TESTED**
- If test results warrant, use an alternative water source for drinking, cooking, and making baby formula
- Certain certified filters can reduce PFAS in drinking water

FOR MORE INFORMATION

from the EPA about PFAS filtration systems, visit **http://www.epa.gov/system/files/documents/2024-04/water-filter-fact-sheet.pdf**

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PFAS Health Effects

What Are the Possible Health Effects?

- Scientists are actively studying PFAS and how PFAS exposure affects human health
- Exposure to PFAS could increase the risk of:
  - Higher cholesterol levels
  - Changes in liver enzymes
  - Higher blood pressure in pregnant women
  - Lower infant birth weight
  - Lower response to some vaccinations
  - Some cancers

Image: National Cancer Institute / unsplash

Chemical exposures do not always lead to health effects.

Are Blood Tests Available for PFAS?

- Blood testing for PFAS is *not* a regular test offered by a doctor
- Blood test results will not tell you if PFAS exposure will cause current or future health issues

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What Happens Next?

Within 30 days of sampling, the Navy contacts property owner

Results below levels warranting action

- No further action is required
- Final results mailed within approximately 3 months of sampling
- Continue Remedial Investigation

Results at or above levels warranting action

- An enduring solution may be required
- The Navy will set up an appointment to discuss preliminary results and next steps
- Final results mailed within approximately 3 months of sampling
- Continue Remedial Investigation

Next steps

Installed whole-house treatment system

Image: Paul Noel / dvidshub.net

- DoW enduring solutions may include:
  - Connection to public water system
  - Whole-house treatment system
  - Point-of-use treatment system
- Goal is to connect to public water all properties where action is authorized
- If PFOA and PFOS are above 70 ppt, the Navy can provide bottled water until an enduring solution is implemented

FOR MORE INFORMATION
on in-home water treatment systems, please visit
http://www.epa.gov/system/files/documents/2024-04/water-filter-fact-sheet.pdf
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Sign Up for Your Sampling Appointment

If your water is provided by a public water supplier, the Navy does not need to sample your water.

Sampling Appointment

- No cost to you
- Available daily (including weekends) from **8 a.m.** to **5 p.m.**
  - **Monday, August 3,** through **Wednesday, September 16, 2026**
  - Additional times are available upon request

What We Need from You

- Right of Entry agreement signed by **property owner**
- Completed drinking water well questionnaire
- Authorized adult (18 or older) must be present at the property during sampling

Sampling Process

- Samples collected by a team of two experienced professionals:
  - Typically takes less than an hour
  - Collected as close to well as possible
  - Water will run prior to sample collection
- Samples will be collected and analyzed according to EPA-approved methods
- Specific safety and/or health precautions during sampling will be considered, if requested in advance by property owner or tenant

To schedule an appointment, please call 844-NASWFLD (844-627-9353) and leave a message.

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