



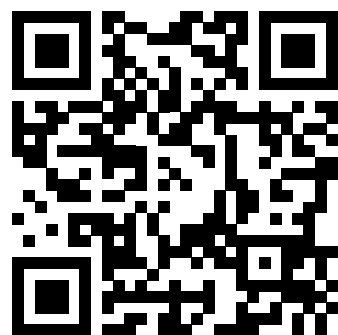
Private Drinking Water Well Sampling for PFAS near NAS Whiting Field and NAS Whiting Field's Outlying Landing Fields

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=3a98511fe31048fdb7e327d640466d1>

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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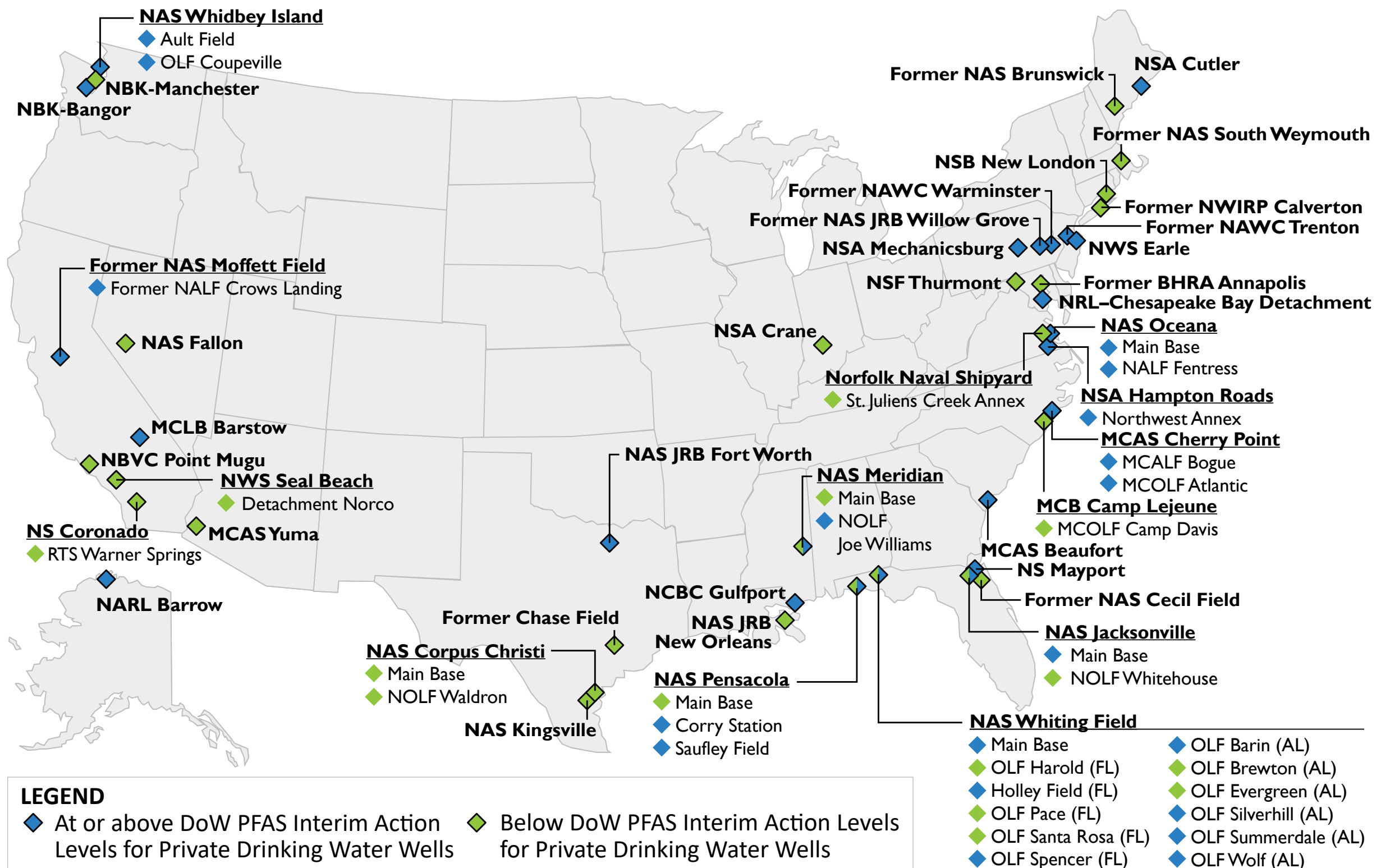
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Navy Off-Base Drinking Water Well Sampling

2015–May 2026



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ACRONYMS & ABBREVIATIONS

DoW Department of War

EPA U.S. Environmental Protection Agency

NAS Naval Air Station

OLF Outlying Landing Field

PFAS per- and polyfluoroalkyl substances

ppt part(s) per trillion

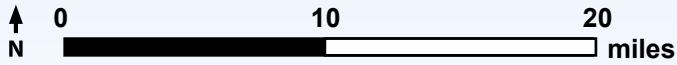


NAS Whiting Field and Outlying Landing Fields PFAS Investigation



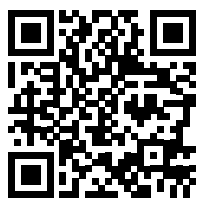
LEGEND

Base boundary State boundary



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OLF Barin Private Drinking Water Well Results

2021 Initial Sampling Area – Northwest: 64 wells sampled	
no detections	26
detections <i>below</i> DoW PFAS Interim Action Levels for Private Drinking Water Wells	33
detections <i>at or above</i> DoW PFAS Interim Action Levels for Private Drinking Water Wells	5

Total wells sampled	
No detections	119
Detections <i>below</i> DoW PFAS Interim Action Levels for Private Drinking Water Wells	102
Detections <i>at or above</i> DoW PFAS Interim Action Levels for Private Drinking Water Wells	46

2021 Initial Sampling Area – East: 91 wells sampled	
no detections	61
detections <i>below</i> DoW PFAS Interim Action Levels for Private Drinking Water Wells	22
detections <i>at or above</i> DoW PFAS Interim Action Levels for Private Drinking Water Wells	8

2021 Initial Sampling Area – South: 111 wells sampled	
no detections	32
detections <i>below</i> DoW PFAS Interim Action Levels for Private Drinking Water Wells	46
detections <i>at or above</i> DoW PFAS Interim Action Levels for Private Drinking Water Wells	33

2021 Expanded Sampling Area: 0 wells sampled

LEGEND

- Additional PFAS investigation recommended

Runway

Base boundary
- Confirmed groundwater flow direction

Potential groundwater flow direction

2021–present sampling area
- 2021–present expanded sampling area

0 0.5 1 mile

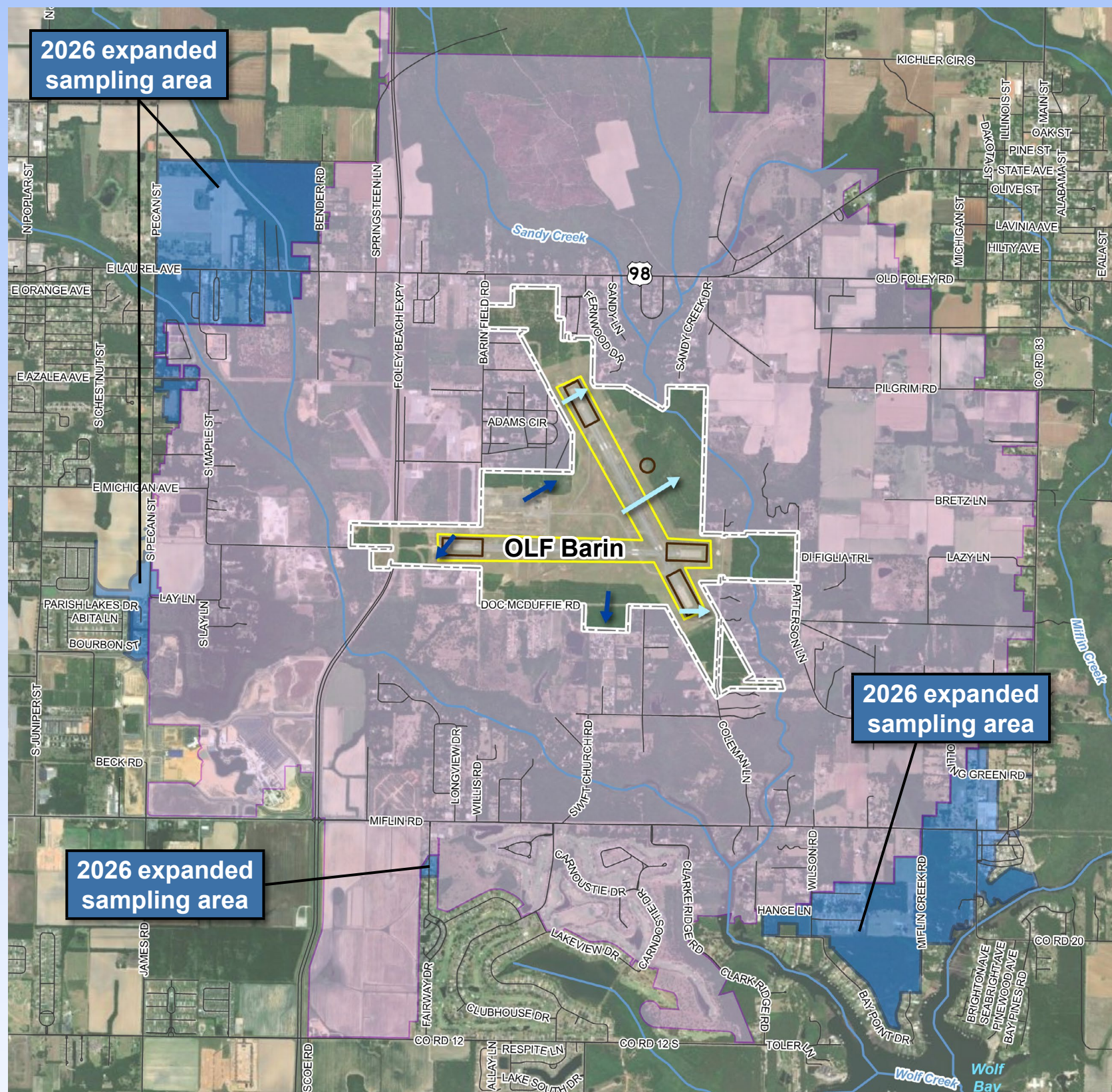
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OLF Barin 2026 Private Drinking Water Well Sampling Area



- 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 never been sampled by the Navy *or*
 - Your drinking water well was sampled before 2025 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
 - Runway
 - Base boundary
 - Confirmed groundwater flow direction
 - Potential groundwater flow direction
 - 2021–present sampling area
 - 2026 expanded sampling area
- 0 0.5 1 mile

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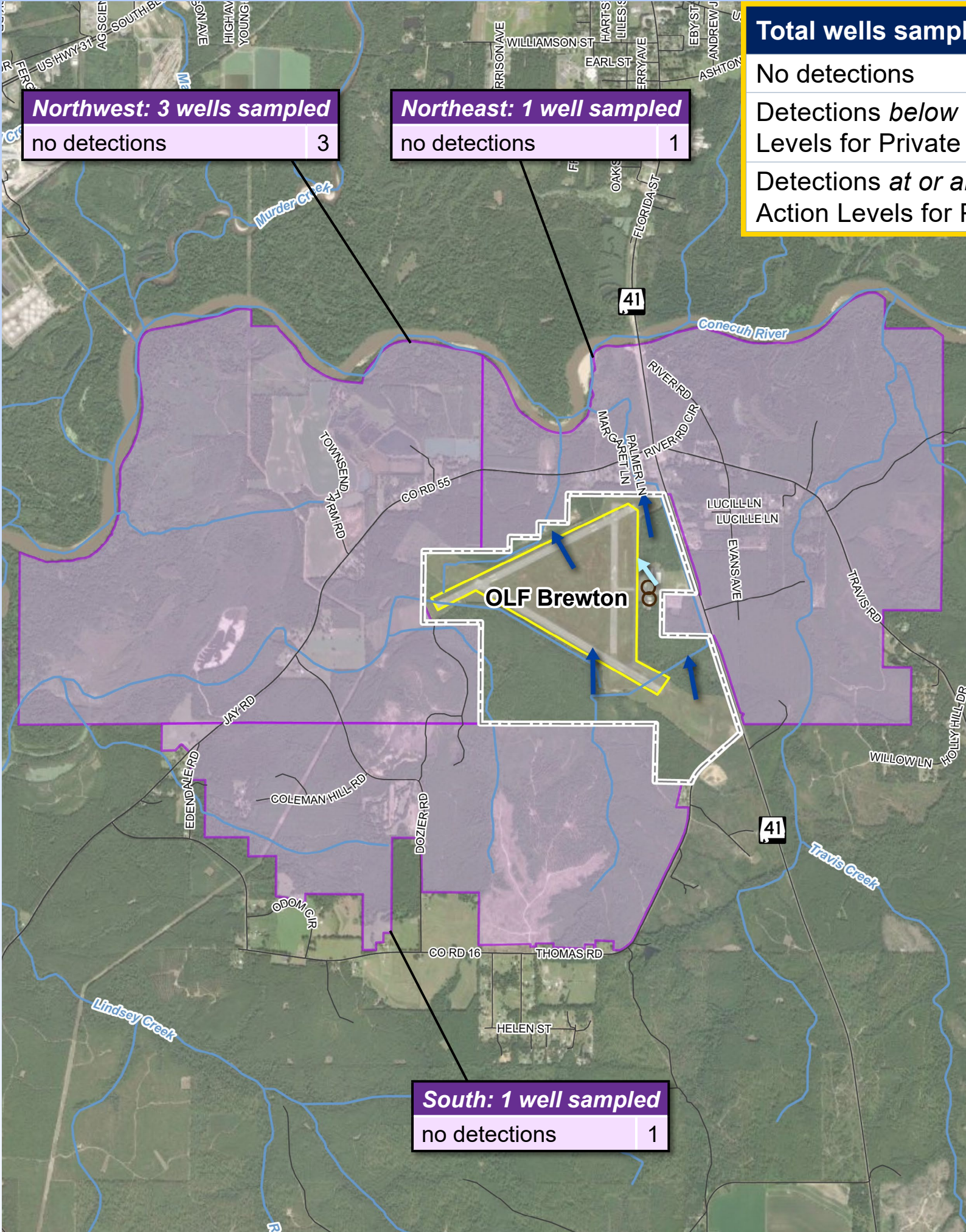


OLF Brewton Private Drinking Water Well Results

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 never been sampled by the Navy
- or
- Your drinking water well was sampled before 2025 by the Navy

You can identify if your property is in the sampling area using the Find My Property Map on this webpage

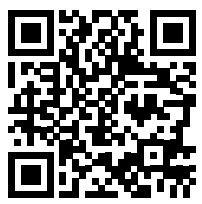


Total wells sampled	5
No detections	5
Detections <i>below</i> DoW PFAS Interim Action Levels for Private Drinking Water Wells	0
Detections <i>at or above</i> DoW PFAS Interim Action Levels for Private Drinking Water Wells	0

LEGEND	
	Additional PFAS investigation recommended
	Runway
	Base boundary
	Confirmed groundwater flow direction
	Potential groundwater flow direction
	2021-present sampling area

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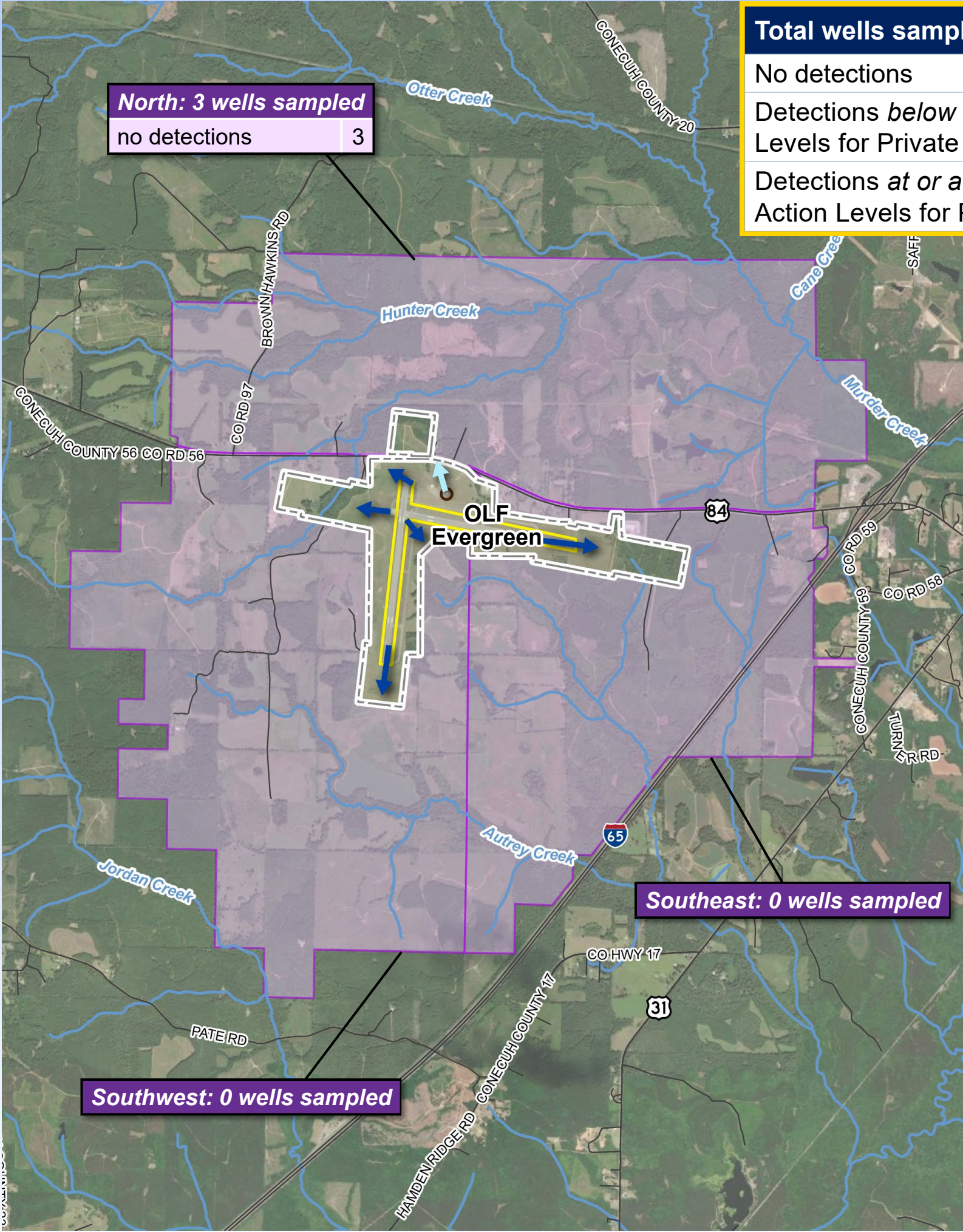


OLF Evergreen Private Drinking Water Well Results

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 never been sampled by the Navy
- or
- Your drinking water well was sampled before 2025 by the Navy

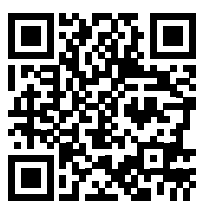
You can identify if your property is in the sampling area using the Find My Property Map on this webpage



Total wells sampled	3
No detections	3
Detections <i>below</i> DoW PFAS Interim Action Levels for Private Drinking Water Wells	0
Detections <i>at or above</i> DoW PFAS Interim Action Levels for Private Drinking Water Wells	0

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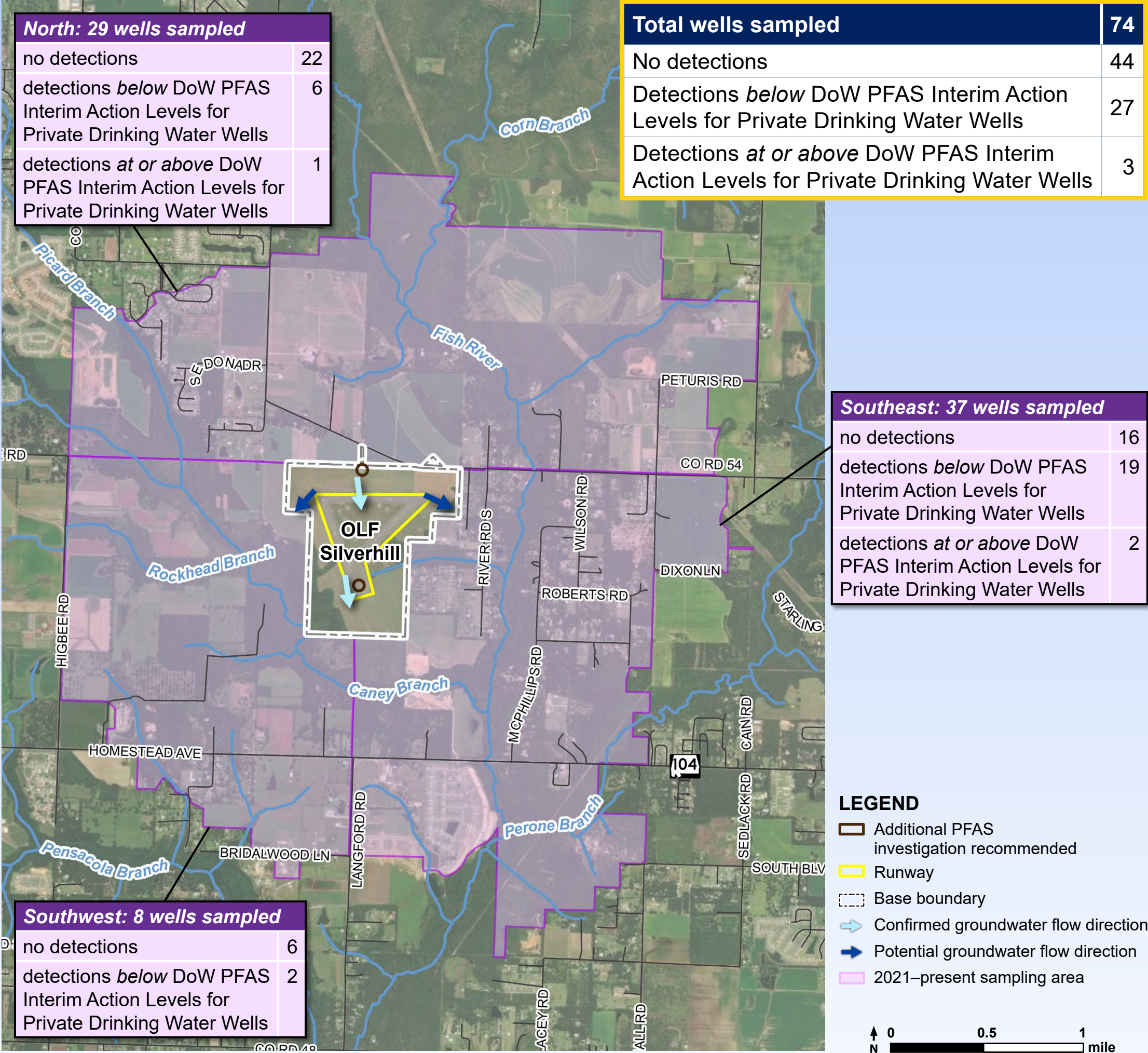


OLF Silverhill Private Drinking Water Well Results

The Navy is offering to sample your drinking water well if your property is located within the sampling area **AND** either:

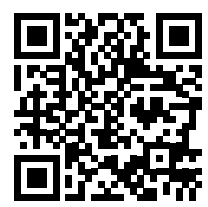
- Your drinking water well has never been sampled by the Navy
- or
- Your drinking water well was sampled before 2025 by the Navy

You can identify if your property is in the sampling area using the Find My Property Map on this webpage



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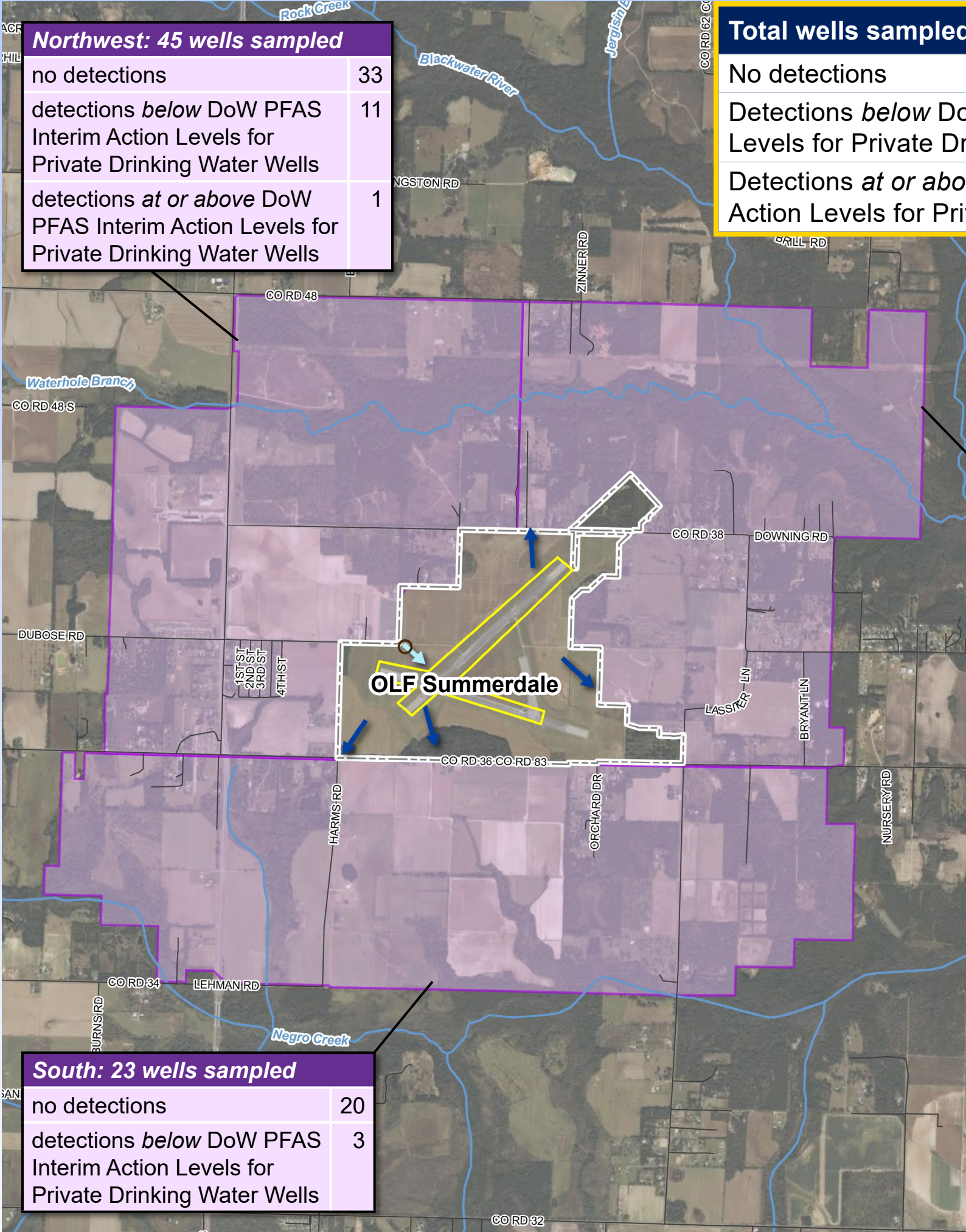


OLF Summerdale Private Drinking Water Well Results

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 never been sampled by the Navy
- or
- Your drinking water well was sampled before 2025 by the Navy

You can identify if your property is in the sampling area using the Find My Property Map on this webpage



Northwest: 45 wells sampled	
no detections	33
detections <i>below</i> DoW PFAS Interim Action Levels for Private Drinking Water Wells	11
detections <i>at or above</i> DoW PFAS Interim Action Levels for Private Drinking Water Wells	1

Total wells sampled		116
No detections		89
Detections <i>below</i> DoW PFAS Interim Action Levels for Private Drinking Water Wells		25
Detections <i>at or above</i> DoW PFAS Interim Action Levels for Private Drinking Water Wells		2

Northeast: 48 wells sampled	
no detections	36
detections <i>below</i> DoW PFAS Interim Action Levels for Private Drinking Water Wells	11
detections <i>at or above</i> DoW PFAS Interim Action Levels for Private Drinking Water Wells	1

South: 23 wells sampled	
no detections	20
detections <i>below</i> DoW PFAS Interim Action Levels for Private Drinking Water Wells	3

LEGEND

- Additional PFAS investigation recommended
- Runway
- Base boundary
- Confirmed groundwater flow direction
- Potential groundwater flow direction
- 2021–present sampling area



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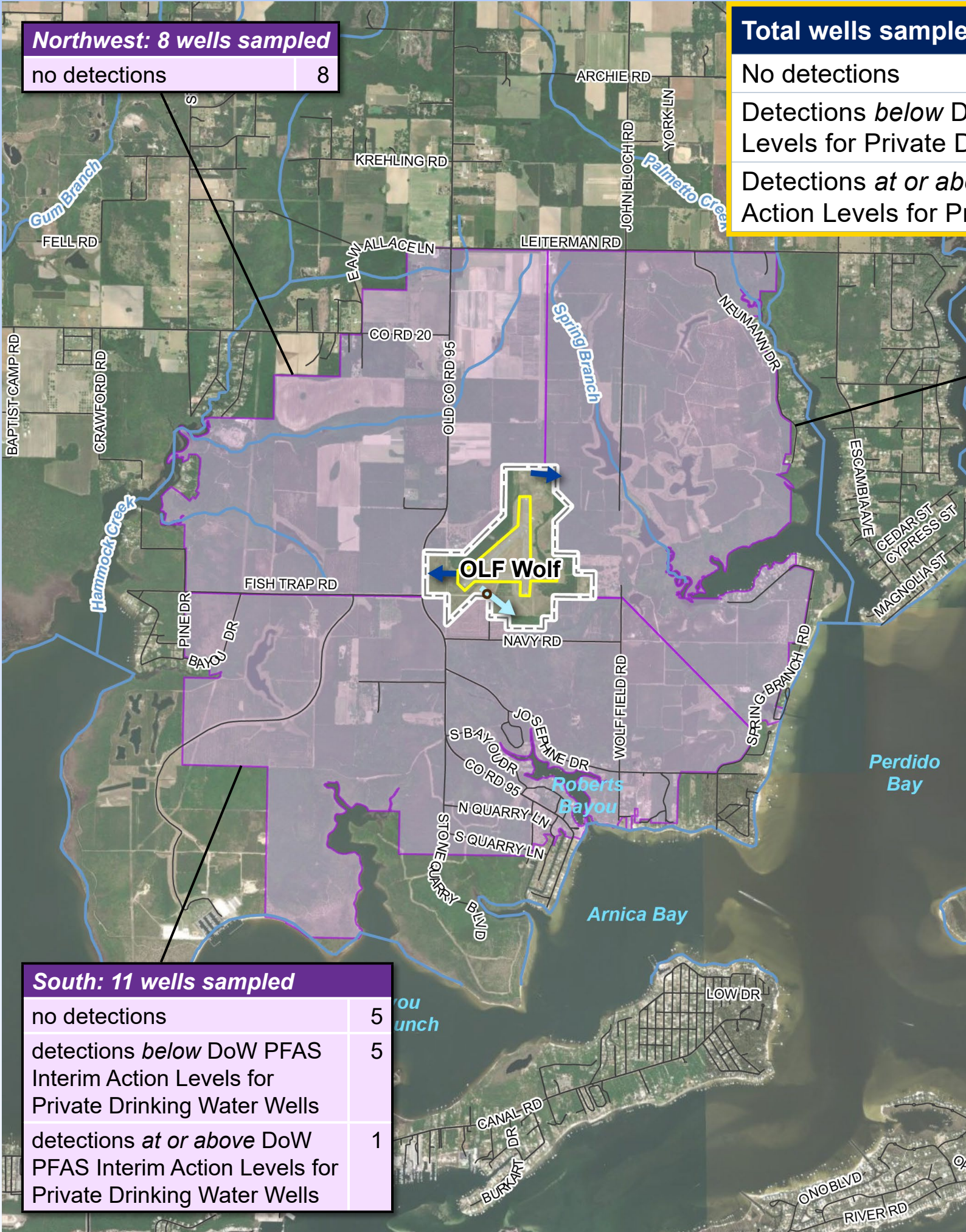


OLF Wolf Private Drinking Water Well Results

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 never been sampled by the Navy
- or
- Your drinking water well was sampled before 2025 by the Navy

You can identify if your property is in the sampling area using the Find My Property Map on this webpage



Total wells sampled	29
No detections	19
Detections <i>below</i> DoW PFAS Interim Action Levels for Private Drinking Water Wells	8
Detections <i>at or above</i> DoW PFAS Interim Action Levels for Private Drinking Water Wells	2

Northeast: 10 wells sampled	
no detections	6
detections <i>below</i> DoW PFAS Interim Action Levels for Private Drinking Water Wells	3
detections <i>at or above</i> DoW PFAS Interim Action Levels for Private Drinking Water Wells	1

South: 11 wells sampled	
no detections	5
detections <i>below</i> DoW PFAS Interim Action Levels for Private Drinking Water Wells	5
detections <i>at or above</i> DoW PFAS Interim Action Levels for Private Drinking Water Wells	1

LEGEND

Additional PFAS investigation recommended

Runway

Base boundary

Confirmed groundwater flow direction

Potential groundwater flow direction

2021–present sampling area

00.51

N

mile

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Environmental Cleanup Process

PRIORITY: Protect Human Health and the Environment

- This structured regulatory process, shown below, is used nationwide to identify and clean up past environmental releases at NAS Whiting Field and its OLFs
- The Alabama Department of Environmental Management is working closely with the Navy and providing oversight throughout the process
- Public input is welcomed throughout the process and is formally solicited at certain points
- The investigation and cleanup process takes 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

- | | | | |
|---|---|---|---|
| <ul style="list-style-type: none">■ Evaluate potential releases■ Determine amount and size of releases■ Determine potential exposures and risks | <ul style="list-style-type: none">■ Evaluate:<ul style="list-style-type: none">• Protectiveness• Time to clean up• Current technology■ Request public input■ Make cleanup decisions | <ul style="list-style-type: none">■ Develop plan■ Implement cleanup■ Provide long-term management as needed | <ul style="list-style-type: none">■ Achieve cleanup goals■ Limit land use as needed■ Request public input |
|---|---|---|---|

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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> or scan the QR code →

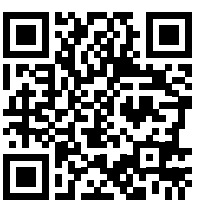


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PFAS Health Effects

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



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>
or scan the QR code ↓



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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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