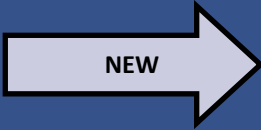
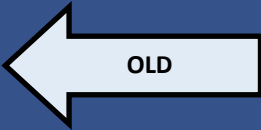


Treatment System Winterization

The Air Force has upgraded heaters in all sheds with water treatments systems to prevent further freezing issues like the ones experienced this past winter. The new heaters feature thermostats and fans for better temperature control and are expected to be more effective than the previous models.



To the left; the old heating system. This photo shows the original heating setup for the water treatment sheds. It was less efficient and used radiant heat to keep the sheds warm and didn't have precise temperature controls, leading to issues with freezing during the colder months.



To the right; the new upgraded heating system. Here you can see the newly installed heating system. This upgraded system includes a thermostat and fan for better temperature control, helping to keep the treatment systems from freezing in winter.

Contact Us

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<https://www.fairchild.af.mil/Information/Restoration/>



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Next newsletter:
Spring 2025



Did you know...

You can review public documents regarding environmental testing and sampling?

Visit the Administrative Record (AR) to find more information:
<https://ar.afcec-cloud.af.mil/>

- From this link, click "Continue to site", next type "Fairchild" in the installation list.
- If you know the AR number, you can search by that, or numerous other search block can be used.

To go through all documents, make sure nothing is highlighted and click "Search". This will generate all documents uploaded to the AR from Fairchild.

A step-by-step guide can be accessed here:
<https://tinyurl.com/SearchTheAR>

A video guide can be found here
https://www.youtube.com/watch?v=8zsLhM_MIBw&feature=youtu.be

FAIRCHILD
AIR FORCE BASE

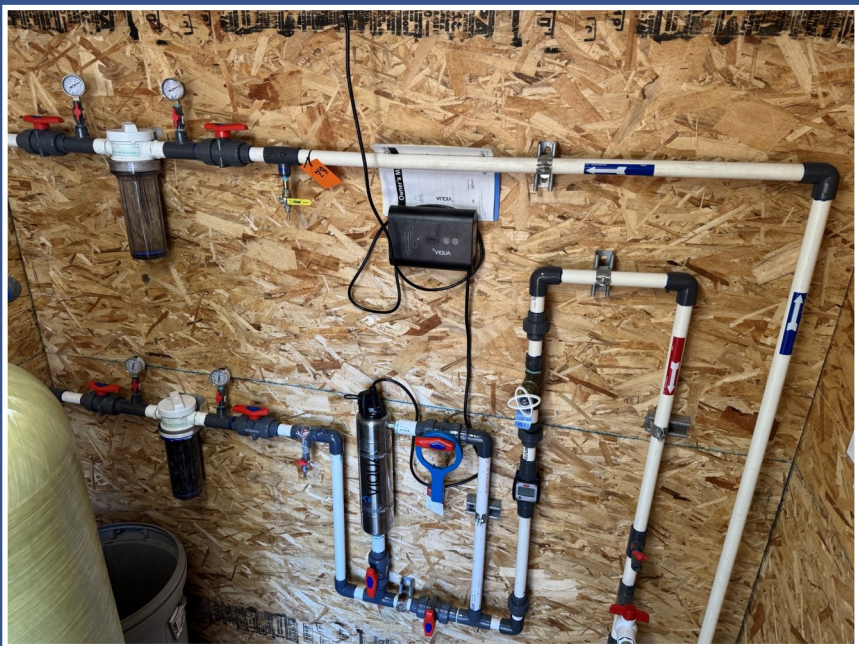


Granular Activated Carbon (GAC)
Treatment Systems

This newsletter provides updates on the GAC systems installed in our community, including maintenance, upgrades, and helpful information on how they work to filter PFAS
More information on Page 2.

Granular Activated Carbon PFAS Treatment Systems

How do I receive a system?



Pre and Post Filters

Filters for debris and sediment, protecting the GAC system.

Granular Active Carbon (GAC) systems, also called POETS (Point of Entry Treatment Systems), connect to your waterline between your well and home. Each system has a pre-particulate filter that catches debris from the well, protecting the system from sediment. Next, the water passes through three GAC vessels that remove Per- and polyfluoroalkyl substances (PFAS) chemicals. A final post particulate filter then removes any dirt, carbon, or sediment before the water flows into your home’s plumbing.



GAC Vessels

Activated carbon vessels that remove PFAS, delivering filtered water to the home.

Since 2017, the Fairchild Environmental Restoration Program (ERP) has tested over 400 private drinking water wells for PFAS constituents. If PFAS levels in your water test above the Department of Defense (DoD) action level, the Air Force will contact you about the next steps and provide you with an alternate drinking water source. So far, 91 Granular Activated Carbon (GAC) systems have been installed in the Fairchild PFAS sampling area.

Alternative water source options the Air Force may offer as long-term solutions if the PFAS concentrations in your water exceed the DoD action level:

- Connection to the public water system
- Installation of a whole-house treatment system (GAC)
- Installation of an at the sink treatment system (point-of-use)
- Bottled water (if the other options aren’t feasible)

If a GAC filtration system is the selected long-term solution, the Air Force will ask you to sign an Access Agreement. This agreement allows the Air Force and contractors to access your property to maintain and sample the GAC system. The system is checked and maintained every three months to ensure it’s working effectively.

For more details about GAC filtration systems, PFAS testing, or other questions, please reach out to the Restoration Team at 92CES.AFCEC.PFAS@us.af.mil.