PFAS Lab FAQs

1. **What analytes are laboratories required to report?**

The six mandatory-reporting analytes are: HFPO-DA, PFHxS, PFNA, PFOA, PFOS, and PFBS.

ODW prefers results for all analytes to be reported using EPA 533, EPA 537.1.V2, or EPA 537.1

2. **What are the PFAS analytes and analyte codes that may be reported, and what methods can be used for each analyte?**

Analyte Code	Analyte Name	EPA 533	EPA 537.1.V2
2801	**PERFLUOROBUTANE SULFONIC ACID (PFBS)**	**X**	**X**
2802	PERFLUOROHEPTANOIC ACID (PFHPA)	X	X
2803	**PERFLUOROHEXANE SULFONIC ACID (PFHxS)**	**X**	**X**
2804	**PERFLUORONONANOIC ACID (PFNA)**	**X**	**X**
2805	**PERFLUOROCTANE SULFONIC ACID (PFOS)**	**X**	**X**
2806	**PERFLUOROCTANOIC ACID (PFOA)**	**X**	**X**
2807	PERFLUORODECANOIC ACID (PFDA)	X	X
2808	PERFLUORODODECANOIC ACID (PFDOA)	X	X
2809	PERFLUOROHEXANOIC ACID (PFHXA)	X	X
2810	PERFLUOROTETRADECANOIC ACID (PFTA)		X
2811	PERFLUOROTRIDECANOIC ACID (PFTRDA)		X
2812	PERFLUOROUNDECANOIC ACID (PFUNA)	X	X
2813	11CL-PF3OUDS	X	X
2814	9CL-PF3ONS	X	X
2815	ADONA	X	X
2816	**HFPO-DA**	**X**	**X**
2817	NETFOSAA		X
2818	NMEFOSAA		X
2819	PERFLUOROBUTANOIC ACID (PFBA)	X	
2820	PERFLUOROOCTANE SULFONIC ACID 6:2 FTS	X	
2821	PERFLUOROHEXANE SULFONIC ACID 4:2 FTS	X	
2822	PERFLUORODECANE SULFONIC ACID 8:2 FTS	X	
2823	PERFLUORO PFMPA	X	
2824	PERFLUOROPENTANOIC ACID (PFPEA)	X	
2825	PERFLUORO PFMBA	X	
2826	PERFLUORO PFEESA	X	
2827	NONAFLUORO NFDHA	X	
2828	PERFLUOROPENTANESULFONIC ACID (PFPES)	X	
2829	PERFLUOROHEPTANESULFONIC ACID (PFHPS)	X	

*Mandatory-reporting analytes in **bold***

3. **What CMDP method codes do we use to report?**

In CMDP, we require the use of method codes **EPA 533**, **EPA 537.1.V2, or EPA 537.1**

If analysis was performed with a different method, please contact labadmin@vdh.virginia.gov

4. **What sample type do we use to report sample results?**

Routine.

5. **What reporting limit do we use and how do we report qualitative data?**

EPA recommends that laboratories report results to 1/3 of the PQL for each of the regulated PFAS at a minimum. Report result concentrations as low as these values:

Analyte	Nanograms per liter (ng/L)
HFPO-DA	**1.7**
PFHxS	**1.0**
PFNA	**1.3**
PFOA	**1.3**
PFOS	**1.3**
PFBS	**1.0**

If a laboratory can only provide qualitative analysis results between the PQL and these reportable limits, the results should include a qualifier code and the following analytical result comment “Analyte result is a qualitative value.”

For other PFAS analytes, ODW does not require a specific reporting limit.

6. **Do we need a field reagent blank?**

Yes, for any sample that yields a reportable result, an accompanying field reagent blank (FRB) should be run. The field reagent blank does not need to be analyzed if the sample(s) associated with it return results of non-detect.

7. **Do we have to report FRB results?**

FRB results are not required to be reported to ODW if the sample(s) associated with the FRB are all non-detect. For samples that return a quantitative or qualitative result for regulated PFAS, ODW expects a result for the FRB sample. These will be reported as the Sample Type “Field Blank” or “FB”.

8. **What do we report for an analyte invalidated due to FRB contamination?**

Do not report results for that analyte. If the invalidated analyte is one of the six mandatory-reporting analytes, advise waterworks to recollect.

9. **Is ODW’s guidance likely to change?**

The EPA has not yet released guidance on how ODW’s data systems are to be used to support the PFAS Rule. Once EPA releases guidance, these instructions may change. We will let you know.

10. **I have a question that wasn't answered here, where can I find answers?**

For CMDP support, training, or to sign up for CMDP, please contact Leslie Fleury at Leslie.Holt@vdh.virginia.gov.

For questions about PFAS lab analysis and certification, contact DCLS at 804-648-4480.

For questions about ODW's policies and guidance on PFAS, please email: LabAdmin@vdh.virginia.gov.