



Former NAS Barbers Point PFAS Groundwater Sampling Results

The table below shows validated sampling results for PFAS constituents in groundwater at Former Naval Air Station Barbers Point as of June 30, 2023. These samples were collected and analyzed under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) by the Department of the Navy Environmental Restoration Program. This data is being provided for informational purposes only. Evaluation of the data is not final. The evaluation of the groundwater sample results will be considered final when the Site Inspection report is completed. When completed, the final report outlining the evaluation of the data will be available in the installation administrative record, which can be found here: <https://go.usa.gov/xhDmm>. Definitions for table columns can be found at the bottom of the table.

Installation Name	Sample Date	Field Sample ID	Analysis Method	CAS Number	Analyte Name	Analyte Abbreviation	Final Result	Limit of Detection	Final Units	Final Qualification
BARBERS POINT HI NAS	20170808	SITE1-GW-01TW01-20170808	537	1763-23-1	Perfluorooctanesulfonate	PFOS	5.91	5.48	NG_L	J
BARBERS POINT HI NAS	20170808	SITE1-GW-01TW01-20170808	537	2058-94-8	Perfluoroundecanoic acid	PFUnA	ND	5.48	NG_L	U
BARBERS POINT HI NAS	20170808	SITE1-GW-01TW01-20170808	537	2355-31-9	N-Methyl perfluorooctanesulfonamidoacetic acid	NMeFOSAA	ND	5.48	NG_L	U
BARBERS POINT HI NAS	20170808	SITE1-GW-01TW01-20170808	537	2991-50-6	N-Ethyl perfluorooctanesulfonamidoacetic acid	NEtFOSAA	ND	5.48	NG_L	U
BARBERS POINT HI NAS	20170808	SITE1-GW-01TW01-20170808	537	307-24-4	Perfluorohexanoic acid	PFHxA	ND	5.48	NG_L	UJ
BARBERS POINT HI NAS	20170808	SITE1-GW-01TW01-20170808	537	307-55-1	Perfluorododecanoic acid	PFDoA	ND	5.48	NG_L	U
BARBERS POINT HI NAS	20170808	SITE1-GW-01TW01-20170808	537	335-67-1	Perfluorooctanoic acid	PFOA	24.1	5.48	NG_L	
BARBERS POINT HI NAS	20170808	SITE1-GW-01TW01-20170808	537	335-76-2	Perfluorodecanoic acid	PFDA	ND	5.48	NG_L	U
BARBERS POINT HI NAS	20170808	SITE1-GW-01TW01-20170808	537	355-46-4	Perfluorohexanesulfonic acid	PFHxS	20.2	5.48	NG_L	
BARBERS POINT HI NAS	20170808	SITE1-GW-01TW01-20170808	537	375-73-5	Perfluorobutanesulfonic acid	PFBS	ND	5.48	NG_L	U

Installation Name	Sample Date	Field Sample ID	Analysis Method	CAS Number	Analyte Name	Analyte Abbreviation	Final Result	Limit of Detection	Final Units	Final Qualification
BARBERS POINT HI NAS	20170808	SITE1-GW-01TW01-20170808	537	375-85-9	Perfluoroheptanoic acid	PFHpA	12.5	5.48	NG_L	
BARBERS POINT HI NAS	20170808	SITE1-GW-01TW01-20170808	537	375-95-1	Perfluorononanoic acid	PFNA	ND	5.48	NG_L	U
BARBERS POINT HI NAS	20170808	SITE1-GW-01TW01-20170808	537	376-06-7	Perfluorotetradecanoic acid	PFTeDA	ND	5.48	NG_L	U
BARBERS POINT HI NAS	20170808	SITE1-GW-01TW01-20170808	537	72629-94-8	Perfluorotridecanoic acid	PFTrDA	ND	5.48	NG_L	U
BARBERS POINT HI NAS	20170808	SITE1-GW-01TW02-20170808	537	1763-23-1	Perfluorooctanesulfonate	PFOS	4.6	6.39	NG_L	J
BARBERS POINT HI NAS	20170808	SITE1-GW-01TW02-20170808	537	2058-94-8	Perfluoroundecanoic acid	PFUnA	ND	6.39	NG_L	U
BARBERS POINT HI NAS	20170808	SITE1-GW-01TW02-20170808	537	2355-31-9	N-Methyl perfluorooctanesulfonamidoacetic acid	NMeFOSAA	ND	6.39	NG_L	U
BARBERS POINT HI NAS	20170808	SITE1-GW-01TW02-20170808	537	2991-50-6	N-Ethyl perfluorooctanesulfonamidoacetic acid	NEtFOSAA	ND	6.39	NG_L	U
BARBERS POINT HI NAS	20170808	SITE1-GW-01TW02-20170808	537	307-24-4	Perfluorohexanoic acid	PFHxA	18.8	6.39	NG_L	
BARBERS POINT HI NAS	20170808	SITE1-GW-01TW02-20170808	537	307-55-1	Perfluorododecanoic acid	PFDoA	ND	6.39	NG_L	U
BARBERS POINT HI NAS	20170808	SITE1-GW-01TW02-20170808	537	335-67-1	Perfluorooctanoic acid	PFOA	21.7	6.39	NG_L	
BARBERS POINT HI NAS	20170808	SITE1-GW-01TW02-20170808	537	335-76-2	Perfluorodecanoic acid	PFDA	ND	6.39	NG_L	U
BARBERS POINT HI NAS	20170808	SITE1-GW-01TW02-20170808	537	355-46-4	Perfluorohexanesulfonic acid	PFHxS	22	6.39	NG_L	
BARBERS POINT HI NAS	20170808	SITE1-GW-01TW02-20170808	537	375-73-5	Perfluorobutanesulfonic acid	PFBS	6.05	6.39	NG_L	J
BARBERS POINT HI NAS	20170808	SITE1-GW-01TW02-20170808	537	375-85-9	Perfluoroheptanoic acid	PFHpA	2.45	6.39	NG_L	J
BARBERS POINT HI NAS	20170808	SITE1-GW-01TW02-20170808	537	375-95-1	Perfluorononanoic acid	PFNA	ND	6.39	NG_L	U
BARBERS POINT HI NAS	20170808	SITE1-GW-01TW02-20170808	537	376-06-7	Perfluorotetradecanoic acid	PFTeDA	ND	6.39	NG_L	U
BARBERS POINT HI NAS	20170808	SITE1-GW-01TW02-20170808	537	72629-94-8	Perfluorotridecanoic acid	PFTrDA	ND	6.39	NG_L	U
BARBERS POINT HI NAS	20170808	SITE1-GW-01TW03-20170808	537	1763-23-1	Perfluorooctanesulfonate	PFOS	11.4	5.39	NG_L	

Installation Name	Sample Date	Field Sample ID	Analysis Method	CAS Number	Analyte Name	Analyte Abbreviation	Final Result	Limit of Detection	Final Units	Final Qualification
BARBERS POINT HI NAS	20170808	SITE1-GW-01TW03-20170808	537	2058-94-8	Perfluoroundecanoic acid	PFOA	ND	5.39	NG_L	U
BARBERS POINT HI NAS	20170808	SITE1-GW-01TW03-20170808	537	2355-31-9	N-Methyl perfluorooctanesulfonamidoacetic acid	NMeFOSAA	ND	5.39	NG_L	U
BARBERS POINT HI NAS	20170808	SITE1-GW-01TW03-20170808	537	2991-50-6	N-Ethyl perfluorooctanesulfonamidoacetic acid	NEtFOSAA	ND	5.39	NG_L	U
BARBERS POINT HI NAS	20170808	SITE1-GW-01TW03-20170808	537	307-24-4	Perfluorohexanoic acid	PFHxA	ND	5.39	NG_L	U
BARBERS POINT HI NAS	20170808	SITE1-GW-01TW03-20170808	537	307-55-1	Perfluorododecanoic acid	PFDoA	ND	5.39	NG_L	U
BARBERS POINT HI NAS	20170808	SITE1-GW-01TW03-20170808	537	335-67-1	Perfluorooctanoic acid	PFOA	13.3	5.39	NG_L	
BARBERS POINT HI NAS	20170808	SITE1-GW-01TW03-20170808	537	335-76-2	Perfluorodecanoic acid	PFDA	ND	5.39	NG_L	U
BARBERS POINT HI NAS	20170808	SITE1-GW-01TW03-20170808	537	355-46-4	Perfluorohexanesulfonic acid	PFHxS	28.4	5.39	NG_L	
BARBERS POINT HI NAS	20170808	SITE1-GW-01TW03-20170808	537	375-73-5	Perfluorobutanesulfonic acid	PFBS	ND	5.39	NG_L	U
BARBERS POINT HI NAS	20170808	SITE1-GW-01TW03-20170808	537	375-85-9	Perfluoroheptanoic acid	PFHpA	ND	5.39	NG_L	U
BARBERS POINT HI NAS	20170808	SITE1-GW-01TW03-20170808	537	375-95-1	Perfluorononanoic acid	PFNA	ND	5.39	NG_L	U
BARBERS POINT HI NAS	20170808	SITE1-GW-01TW03-20170808	537	376-06-7	Perfluorotetradecanoic acid	PFTeDA	ND	5.39	NG_L	U
BARBERS POINT HI NAS	20170808	SITE1-GW-01TW03-20170808	537	72629-94-8	Perfluorotridecanoic acid	PFTrDA	ND	5.39	NG_L	U
BARBERS POINT HI NAS	20170808	SITE1-GW-FD01-20170808	537	1763-23-1	Perfluorooctanesulfonate	PFOS	13.3	5.68	NG_L	
BARBERS POINT HI NAS	20170808	SITE1-GW-FD01-20170808	537	2058-94-8	Perfluoroundecanoic acid	PFOA	ND	5.68	NG_L	U
BARBERS POINT HI NAS	20170808	SITE1-GW-FD01-20170808	537	2355-31-9	N-Methyl perfluorooctanesulfonamidoacetic acid	NMeFOSAA	ND	5.68	NG_L	U
BARBERS POINT HI NAS	20170808	SITE1-GW-FD01-20170808	537	2991-50-6	N-Ethyl perfluorooctanesulfonamidoacetic acid	NEtFOSAA	ND	5.68	NG_L	U
BARBERS POINT HI NAS	20170808	SITE1-GW-FD01-20170808	537	307-24-4	Perfluorohexanoic acid	PFHxA	27.7	5.68	NG_L	J
BARBERS POINT HI NAS	20170808	SITE1-GW-FD01-20170808	537	307-55-1	Perfluorododecanoic acid	PFDoA	ND	5.68	NG_L	U

Installation Name	Sample Date	Field Sample ID	Analysis Method	CAS Number	Analyte Name	Analyte Abbreviation	Final Result	Limit of Detection	Final Units	Final Qualification
BARBERS POINT HI NAS	20170808	SITE1-GW-FD01-20170808	537	335-67-1	Perfluorooctanoic acid	PFOA	23.2	5.68	NG_L	
BARBERS POINT HI NAS	20170808	SITE1-GW-FD01-20170808	537	335-76-2	Perfluorodecanoic acid	PFDA	ND	5.68	NG_L	U
BARBERS POINT HI NAS	20170808	SITE1-GW-FD01-20170808	537	355-46-4	Perfluorohexanesulfonic acid	PFHxS	21.6	5.68	NG_L	
BARBERS POINT HI NAS	20170808	SITE1-GW-FD01-20170808	537	375-73-5	Perfluorobutanesulfonic acid	PFBS	ND	5.68	NG_L	U
BARBERS POINT HI NAS	20170808	SITE1-GW-FD01-20170808	537	375-85-9	Perfluoroheptanoic acid	PFHpA	14.1	5.68	NG_L	
BARBERS POINT HI NAS	20170808	SITE1-GW-FD01-20170808	537	375-95-1	Perfluorononanoic acid	PFNA	ND	5.68	NG_L	U
BARBERS POINT HI NAS	20170808	SITE1-GW-FD01-20170808	537	376-06-7	Perfluorotetradecanoic acid	PFTeDA	ND	5.68	NG_L	U
BARBERS POINT HI NAS	20170808	SITE1-GW-FD01-20170808	537	72629-94-8	Perfluorotridecanoic acid	PFTrDA	ND	5.68	NG_L	U

Installation Name – Name of installation where groundwater samples were collected

Sample Date – Date on which the sample was collected

Field Sample ID – Unique name assigned to sample collected

Analysis Method – Laboratory method to conduct sample analysis

CAS Number – Numeric identifier for a specific chemical

Analyte Name – Name of the chemical analyzed by the laboratory

Analyte Abbreviation – Abbreviated name of the chemical analyzed by the laboratory

Final Result – The analyte concentration value generated after a sample has been analyzed

Limit of Detection – The smallest amount or concentration of a substance that must be present in a sample in order to be detected

Final Units – Unit of measure for the analyte value (NG/L = nanograms per liter)

Final Qualification – Final qualifier code assigned to the result by the laboratory

Final Qualification Key:

J = The reported result was an estimate value.

U = The analyte was not detected and was reported as less than the Limit of Detection (LOD). The LOD has been adjusted for any dilution or concentration of the sample.

UJ = The analyte was not detected and was reported as less than the Limit of Detection (LOD). However, the associated numerical value is approximate.