



JH-DI1	5/25/2021	11/15/2021	8/16/2022	6/13/2023	11/7/2023	6/24/2024
PFOA	ND(2)	ND(2)	ND(0.84)	ND(2) UJ	ND(1.9)	ND(1.9)
PFOS	ND(1.9)	ND(1.9)	ND(0.85)	ND(1.8) UJ	ND(1.8) UJ	ND(1.8)
PFHxS	ND(1.9)	ND(1.8)	ND(0.52)	ND(1.8) UJ	ND(1.8)	ND(1.7)
PFNA	ND(2)	ND(2)	ND(0.78)	ND(2) UJ	ND(1.9)	ND(1.9)
HFPO-DA	ND(2)	ND(2)	ND(0.48)	ND(2) UJ	ND(1.9)	ND(1.9)
PFBS	ND(1.8)	ND(1.8)	ND(0.47)	ND(1.7) UJ	ND(1.7)	ND(1.7)

Control Tower	3/26/2020	5/25/2021	11/15/2021	8/16/2022	5/24/2023	11/8/2023	6/25/2024
PFOA	ND(2.01)	ND(1.9)	ND(1.9)	ND(1.8)	ND(1.7)	ND(1.9)	ND(1.9)
PFOS	ND(2.01)	ND(1.7)	ND(1.9)	ND(1.8)	ND(1.7)	ND(1.9)	ND(1.9)
PFHxS	ND(2.01)	ND(1.7)	ND(1.9)	ND(1.8)	ND(1.7)	ND(1.9)	ND(1.9)
PFNA	ND(2.01)	ND(1.9)	ND(1.9)	ND(1.8)	ND(1.7)	ND(1.9)	ND(1.9)
HFPO-DA	ND(2.01)	ND(1.9)	ND(1.9)	ND(1.8)	ND(1.7)	ND(1.9)	ND(1.9)
PFBS	ND(2.01)	ND(1.7)	ND(1.9)	ND(1.8)	ND(1.7)	ND(1.9)	ND(1.9)

JH-4	5/26/2021	11/16/2021	8/17/2022	6/14/2023
PFOA	ND(2)	ND(2)	2.1	ND(2)
PFOS	40	37	29	15.4
PFHxS	6.8	13	16	13.8
PFNA	ND(2)	ND(2)	2.6	ND(2)
HFPO-DA	ND(2)	ND(2)	ND(0.48)	ND(2)
PFBS	ND(1.8)	ND(1.8)	1.9	ND(1.7)

JH-3.5	5/27/2021	8/18/2022	6/14/2023	6/25/2024
PFOA	8.9	2.8	2.1	2.4
PFOS	140	39	35.4	39
PFHxS	60	38	14.5	15.4
PFNA	8.2	1.4	ND(1.9)	ND(1.9)
HFPO-DA	ND(2.2)	ND(0.48)	ND(1.9)	ND(1.9)
PFBS	2.5	3.2	ND(1.7)	ND(1.7)

JH-3	5/27/2021	11/16/2021	8/18/2022	6/14/2023	11/8/2023	6/24/2024
PFOA	2.7	4.8	2.5	2.1	4.6	2 J
PFOS	39	45	27	28.8	75 J	26.3
PFHxS	20	38	28	22.9	64	16.5
PFNA	5.4	4.3	2.5	2	3.6	ND(1.9)
HFPO-DA	ND(2)	ND(2)	ND(0.49)	ND(1.9)	ND(1.9)	ND(1.9)
PFBS	ND(1.7)	2.2	2.2	ND(1.7)	2.8	ND(1.7)

JH-3D	5/27/2021
PFOA	ND(2.1)
PFOS	17
PFHxS	9.5
PFNA	ND(2.1)
HFPO-DA	ND(2.1)
PFBS	ND(1.9)

JH-3DR	6/25/2024
PFOA	ND(1.9)
PFOS	17.9
PFHxS	12.3
PFNA	ND(1.9)
HFPO-DA	ND(1.9)
PFBS	ND(1.7)

JH-4R	6/25/2024
PFOA	ND(4)
PFOS	25.4
PFHxS	38.5
PFNA	4.6
HFPO-DA	ND(4)
PFBS	ND(3.5)

JH-1.5	5/27/2021	8/18/2022	6/13/2023
PFOA	5.8	3.9	3.2 J
PFOS	190	56	55.3 J
PFHxS	47	57	36.9 J
PFNA	8.7	4.1	3.6 J
HFPO-DA	ND(2.3)	ND(0.49)	ND(1.9) UJ
PFBS	ND(2.1)	4	ND(1.7) UJ

JH-1.5R	5/26/2021	11/15/2021	8/17/2022	6/14/2023	11/8/2023	6/24/2024
PFOA	2.8	4.8	4	2.4	4.7	2.1
PFOS	27	51	36	36.7	74.4 J	35
PFHxS	17	38	40	25	63.2	17.8
PFNA	3.9	4.3	3.6	2	3.6	2.2
HFPO-DA	ND(2.1)	ND(2)	ND(0.48)	ND(1.9)	ND(2)	ND(1.9)
PFBS	ND(1.8)	2	2.7	ND(1.7)	2.5	ND(1.7)

JH-1.5D	5/26/2021	11/16/2021	8/17/2022	6/14/2023	11/8/2023	6/24/2024
PFOA	3.5	3.5	2.1	ND(1.9)	3.4	ND(1.9)
PFOS	28	29	25	21.9	43.7 J	22.7
PFHxS	6.7	29	28	15.5	47	13.7
PFNA	3.3	2.8	2.4	ND(1.9)	2.3	ND(1.9)
HFPO-DA	ND(2)	ND(2.1)	ND(0.5)	ND(1.9)	ND(1.9)	ND(1.9)
PFBS	ND(1.8)	ND(1.8)	1.8	ND(1.7)	2.2	ND(1.7)

JH-2.5	5/25/2021	11/15/2021	8/17/2022	6/14/2023	11/7/2023	6/24/2024
PFOA	ND(2)	2.6	2	ND(1.9)	2.6	ND(1.9)
PFOS	13	15	15	13.6	30.7 J	16.4
PFHxS	9.6	20	22	12.5	34.2	11.5
PFNA	ND(2)	ND(2)	2.2	ND(1.9)	ND(2)	ND(1.9)
HFPO-DA	ND(2)	ND(2)	ND(0.5)	ND(1.9)	ND(2)	ND(1.9)
PFBS	ND(1.8)	ND(1.8)	1.6	ND(1.7)	ND(1.8)	ND(1.7)

JH-1	5/25/2021	11/15/2021	8/16/2022	6/13/2023	11/7/2023	6/24/2024
PFOA	ND(2)	ND(2)	ND(0.84)	ND(1.9) UJ	ND(2)	ND(1.9)
PFOS	ND(1.9)	ND(1.8)	ND(0.65)	ND(1.8) UJ	ND(1.8) UJ	ND(1.8)
PFHxS	ND(1.8)	ND(1.8)	ND(0.52)	ND(1.7) UJ	ND(1.8)	ND(1.8)
PFNA	ND(2)	ND(2)	ND(0.77)	ND(1.9) UJ	ND(2)	ND(1.9)
HFPO-DA	ND(2)	ND(2)	ND(0.48)	ND(1.9) UJ	ND(2)	ND(1.9)
PFBS	ND(1.8)	ND(1.8)	ND(0.47)	ND(1.7) UJ	ND(1.7)	ND(1.7)

NOTES:

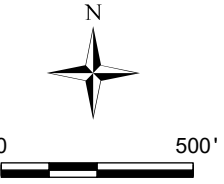
- CONCENTRATIONS REPORTED IN NANOGRAMS PER LITER (ng/L)
- ND(RL) = NOT DETECTED AT THE REPORTING LIMIT
- J = ESTIMATED CONCENTRATION
- J- = ESTIMATED CONCENTRATION, BIASED LOW
- BOLD VALUES INDICATE EXCEEDENCES OF THE USEPA MCL
- USEPA = UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
- MCL = MAXIMUM CONTAMINANT LEVEL
- HBWC = HEALTH BASED WATER CONCENTRATION
- LABORATORY DATA COLLECTED AFTER MAY 2023 WERE VALIDATED USING A THIRD PARTY DATA VALIDATION REVIEW WHICH MAY HAVE RESULTED IN APPLICATION OF ADDITIONAL DATA VALIDATION QUALIFIERS. SEE DATA VALIDATION REPORTS FOR DETAILS.

Abbreviation	Analyte Name	USEPA Discrete MCLs	USEPA HBWCs
PFOA	Perfluorooctanoic acid	4	--
PFOS	Perfluorooctanesulfonic acid	4	--
PFHxS	Perfluorohexanesulfonic acid	10	9
PFNA	Perfluorononanoic acid	10	10
HFPO-DA	Hexafluoropropylene oxide dimer acid	10	10
PFBS	Perfluorobutanesulfonic acid	--	2,000

EXPLANATION

- PLUGGED AND ABANDONED MONITORING WELL
- MONITORING WELL AND DESIGNATION
- ← ESTIMATED GROUNDWATER FLOW DIRECTION

WELL DESIGNATION → JH-3D 2/11/2020 5/27/2021 ← DATE SAMPLED
 ANALYTE → PFOA 3.03 J ND(RL) ← ANALYTICAL RESULT



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FIGURE 5
SELECT PFAS IN GROUNDWATER
(2020-2024)

JACKSON HOLE AIRPORT
TETON COUNTY, WYOMING

K:\MONTANA\AQUICLUSTERS\WY\WY005\2024\08_SA_GW\SAMPLE_1\PTL\LOW_SAMPLER\RECORD_AUGUST2024.APRX