

Preliminary Data - Subject to Change Prior to Final Approval of Validated Data



ZWP-95-01X	
Date	12/11/2018
Units	ng/L
PFOS	110
PFOA	46.0
PFOS + PFOA	156

ZWM-95-18X	
Date	12/19/2018
Units	ng/L
PFOS	50.0
PFOA	6.10
PFOS + PFOA	56.1

ZWM-01-25X	
Date	12/11/2018
Units	ng/L
PFOS	22.0
PFOA	37.0
PFOS + PFOA	59.0

ZWM-95-17X		(FD)
Date	12/11/2018	12/11/2018
Units	ng/L	ng/L
PFOS	56.0	57.0
PFOA	27.0	28.0
PFOS + PFOA	83.0	85.0

76VP-19-18								
Depth (ft bgs)	12-16	22-26	32-36	42-46	52-56	62-66	72-76	81.5-85.5
Units	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L
PFOS	130	120	110	140	140	140	170	220
PFOA	45.0	31.0	45.0	62.0	56.0	68.0	80.0	86.0
PFOS + PFOA	175	151	155	202	196	208	250	306

76VP-19-10								
Depth (ft bgs)	12-16	22-26	32-36	32-36 (FD)	42-46	52-56	62-66	72-76
Units	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L
PFOS	120	180	100	110	120	110	96.0	43.0
PFOA	59.0	48.0	45.0	47.0	49.0	52.0	46.0	46.0
PFOS + PFOA	179	228	145	157	169	162	142	89.0

FH-17-09	
Date	1/23/2018
Units	ng/L
PFOS	4000
PFOA	160
PFOS + PFOA	4160

FH-17-05	
Date	1/22/2018
Units	ng/L
PFOS	46.0
PFOA	34.0
PFOS + PFOA	80.0

FH-17-03	
Date	1/22/2018
Units	ng/L
PFOS	26.0
PFOA	330
PFOS + PFOA	356

76VP-19-14							
Depth (ft bgs)	12-16	22-26	52-56	52-56 (FD)	62-66	72-76	
Units	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	
PFOS	270	16.0	96.0	99.0	78.0	63.0	
PFOA	180	140	25.0	24.0	30.0	57.0	
PFOS + PFOA	450	156	121	123	108	120	

FH-17-07	
Date	1/23/2018
Units	ng/L
PFOS	13.0
PFOA	11.0
PFOS + PFOA	24.0

FH-17-06	
Date	1/23/2018
Units	ng/L
PFOS	42.0
PFOA	30.0
PFOS + PFOA	72.0

FH-17-08	
Date	1/22/2018
Units	ng/L
PFOS	1500
PFOA	21.0
PFOS + PFOA	1520

76VP-19-05	
Depth (ft bgs)	47-51
Units	ng/L
PFOS	39.0
PFOA	19.0
PFOS + PFOA	58.0

76VP-19-03	
Depth (ft bgs)	27-31
Units	ng/L
PFOS	51.0
PFOA	22.0
PFOS + PFOA	73.0

FH-17-01	
Date	1/22/2018
Units	ng/L
PFOS	4.90 U
PFOA	9.20
PFOS + PFOA	9.20

FH-17-02	
Date	1/22/2018
Units	ng/L
PFOS	5.30
PFOA	23.0
PFOS + PFOA	28.3

FH-17-04	
Date	1/22/2018
Units	ng/L
PFOS	14.0 J
PFOA	56.0 J
PFOS + PFOA	70.0

76VP-19-12							
Depth (ft bgs)	32-36	32-36 (FD)	42-46	52-56	62-66	72-76	82-86
Units	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L
PFOS	87.0	90.0	110	290	160	150	160
PFOA	39.0	38.0	35.0	110	59.0	72.0	75.0
PFOS + PFOA	126	128	145	400	219	222	235

- Legend**
- Monitoring Well or Piezometer
 - Proposed Soil Boring and Vertical Profiling Location
 - Proposed Vertical Profiling Location
 - Proposed Soil Boring Location
 - Temporary Well Location from SI
 - Detention Basin Area
 - Area of Contamination (AOC)
 - Approximate Groundwater Flow Direction

Notes:

For the vertical profile results, only the intervals with exceedances of the EPA LHA are shown or the interval with the maximum concentration.

Bold/highlighted results exceed EPA LHA of 70 ng/L for separate or combined PFOS + PFOA

Perfluorooctane Sulfonic Acid (PFOS)
Perfluorooctanoic Acid (PFOA)

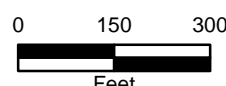
ng/L = nanograms per liter
J = estimated result
U = non-detect
FD = Field Duplicate
Data reported to three significant figures

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

**AOC 76 Preliminary Results
Devens PFAS RI**

**Former Fort Devens Army Installation
Devens, Massachusetts**

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Date:
03/22/2019

Figure .

