



# Wainscott PFAS Contamination (private drinking-drinking wells)

- PFOA Perfluorooctanoic Acid
- PFOS Perfluorooctanesulfonic Acid
- PFNA Perfluorononanoic Acid
- PFHxS Perfluorohexanesulfonic Acid
- PFHpA Perfluorheptanoic Acid
- PFBS Perfluorobutanesulfonic Acid

Fire Dept. Garage (Oshkosh T1500)  
Fire District Training Facility, Inc.

East Hampton Airport  
owned by and an agency of  
Town of East Hampton

Fire Training Structure  
Fire District Training, Inc.

Highest Recorded Contamination  
for Combined PFOS / PFOA = 791

Deepwater Wind's  
Proposed Export Cable

PFOA / PFOS = 174  
Exceeds EPA limit by: 2½ times  
PFOS = 140  
Exceeds NYS Std by: 14 times

PFOA / PFOS = 162  
Exceeds EPA limit by: 2½ times  
PFOA = 160  
Exceeds NYS Std by: 16 times

PFNA = 672.0 ng/L  
PFNA = 513.0 ng/L  
PFNA = 502.0 ng/L  
PFNA = 22.6 ng/L  
PFNA = 12.8 ng/L

PFHpA = 13.9 ng/L  
PFHpA = 12.1 ng/L  
PFHpA = 10.5 ng/L  
PFHpA = 10.5 ng/L  
PFHpA = 10.1 ng/L

PFHxS = 45.7 ng/L  
PFHxS = 35.5 ng/L  
PFHxS = 12.5 ng/L

PFOA = 16.2 ng/L  
PFOA = 15.6 ng/L  
PFOA = 14.6 ng/L

PFOS = 32.4 ng/L  
PFOS = 31.9 ng/L  
PFOS = 30.1 ng/L  
PFOS = 16.6 ng/L

PFHxS = 83.1 ng/L  
PFHxS = 71.9 ng/L  
PFHxS = 71.8 ng/L

PFOS = 75.1 ng/L  
PFOS = 74.0 ng/L  
PFOS = 49.8 ng/L

PFOA = 82.8 ng/L  
PFOA = 76.7 ng/L  
PFOA = 70.3 ng/L

PFHxS = 17.1 ng/L  
PFHxS = 16.7 ng/L  
PFHxS = 13.1 ng/L  
PFHxS = 10.4 ng/L

PFOA = 14.5 ng/L  
PFOA = 14.4 ng/L

PFOS = 25.7 ng/L  
PFOS = 24.7 ng/L

PFHxS = 12.0 ng/L  
PFHxS = 11.2 ng/L

PFHpA = 46.1 ng/L  
PFHpA = 42.1 ng/L

PFOS = 38.8 ng/L  
PFOS = 33.0 ng/L  
PFOS = 28.8 ng/L  
PFOS = 25.4 ng/L  
PFOS = 8.5 ng/L  
PFOS = 7.8 ng/L  
PFOS = 6.3 ng/L  
PFOS = 4.5 ng/L

PFOA = 18.1 ng/L  
PFOA = 14.8 ng/L  
PFOA = 11.6 ng/L  
PFOA = 10.9 ng/L  
PFOA = 9.0 ng/L  
PFOA = 9.0 ng/L  
PFOA = 8.1 ng/L  
PFOA = 6.7 ng/L  
PFOA = 6.6 ng/L

PFHpA = 22.6 ng/L  
PFHpA = 20.1 ng/L  
PFHpA = 22.6 ng/L

PFOS = 30.5 ng/L  
PFOS = 21.1 ng/L  
PFOS = 8.8 ng/L

PFOA = 28.8 ng/L  
PFOA = 19.8 ng/L  
PFOA = 5.2 ng/L

PFBS = 25.8 ng/L  
PFHxS = 64.3 ng/L  
PFHxS = 21.1 ng/L  
PFHxS = 17.4 ng/L  
PFHxS = 17.2 ng/L  
PFHxS = 17.1 ng/L  
PFHxS = 11.9 ng/L  
PFHxS = 2.1 ng/L

PFOS = 3.9 ng/L  
PFOS = 3.2 ng/L  
PFOS = 2.5 ng/L

PFHxS = 70.0 ng/L  
PFHxS = 11.8 ng/L  
PFBS = 97.2 ng/L

PFHpA = 25.4 ng/L  
PFHpA = 24.7 ng/L  
PFHpA = 16.4 ng/L

Additional PFOS/PFOA Contamination reported on June 14, 2018  
PFOS/PFOA = 791.0  
PFOS/PFOA = 172.0  
PFOS/PFOA = 158.0  
PFOS/PFOA = 106.3  
PFOS/PFOA = 106.8

PFOS/PFOA = 75.1  
PFOS/PFOA = 72.4  
PFOS/PFOA = 77.8  
PFOS/PFOA = 70.2  
PFOS/PFOA = 45.0

PFOS/PFOA = 37.0  
PFOS/PFOA = 38.4  
PFOS/PFOA = 56.0  
PFOS/PFOA = 36.8  
PFOS/PFOA = 35.2

PFHpA = 12.3 ng/L

PFHxS = 135.0 ng/L  
PFHxS = 105.0 ng/L  
PFHxS = 31.6 ng/L

PFOA = 5.0 ng/L

PFHxS = 22.3 ng/L

PFHxS = 28.8 ng/L

PFOS/PFOA Combined = 168.4 ng/L  
Double US EPA Standard

PFOS = 124.0 ng/L  
PFOA = 44.4 ng/L

PFHxS = 224.0 ng/L  
PFHxS = 218.0 ng/L  
PFHpA = 20.8 ng/L  
PFHpA = 20.2 ng/L

PFOA = 17.3 ng/L  
PFOA = 5.5 ng/L

Additional PFOS/PFOA Contamination reported on June 14, 2018  
PFOS/PFOA = 42.4  
PFOS/PFOA = 37.7  
PFOS/PFOA = 31.1  
PFOS/PFOA = 29.7  
PFOS/PFOA = 24.0  
PFOS/PFOA = 23.8  
PFOS/PFOA = 23.0  
PFOS/PFOA = 22.0

PFOS/PFOA = 18.8  
PFOS/PFOA = 17.8  
PFOS/PFOA = 17.6  
PFOS/PFOA = 17.1  
PFOS/PFOA = 16.4  
PFOS/PFOA = 16.3  
PFOS/PFOA = 16.1  
PFOS/PFOA = 13.9

PFOS/PFOA = 12.6  
PFOS/PFOA = 11.9  
PFOS/PFOA = 11.1  
PFOS/PFOA = 11.0  
PFOS/PFOA = 11.0  
PFOS/PFOA = 10.6  
PFOS/PFOA = 10.5  
PFOS/PFOA = 9.9

PFOS/PFOA = 12.6  
PFOS/PFOA = 11.9  
PFOS/PFOA = 11.1  
PFOS/PFOA = 11.0  
PFOS/PFOA = 11.0  
PFOS/PFOA = 10.6  
PFOS/PFOA = 10.5  
PFOS/PFOA = 9.9

PFHxS = 71.7 ng/L  
PFHxS = 14.1 ng/L

PFBS = 22.5 ng/L

PFHpA = 14.7 ng/L

PFOS = 14.1 ng/L  
PFOA = 4.3 ng/L

Prepared by  
Si Kinsella  
May 8, 2020

Source: Data represents 284 laboratory test results for drinking-water samples taken from wells within Wainscott from Aug 14, 2017 to Jan 31, 2018. Provided by SCDHS in response to a FOIL request together with information from the Site Characterization Report by AECOM prepared for the NYS DEC dated November 30, 2018 and data from SCDHS email of June 14, 2018. Data compiled by Si Kinsella (Nov 13, 2019).

Over 150 homes  
are within ½ radius  
downgradient from  
East Hampton Airport

Key: Groundwater Flow Direction Overlay  
Source: Suffolk County Water Authority - Wainscott Water Distribution System Improvement Engineering Report (May 2018), Fig 10 at page 16