

# Chelmsford Water District

## Summary Of Treated Water Per- and Polyfluoroalkyl Substance (PFAS) 2023

| Crooked Spring Water Treatment Plant |                   |                     |                |                   |
|--------------------------------------|-------------------|---------------------|----------------|-------------------|
| Quarterly Compliance Period          | Monitoring Period | PFAS6 Result (ng/L) | Average (ng/L) | PFAS 6 MCL (ng/L) |
| Jan-Mar 2023                         | Jan               | 12.7                | 14             | 20                |
|                                      | Feb               | 12.1                |                |                   |
|                                      | Mar               | 15.6                |                |                   |
| Apr-Jun 2023                         | Apr               | 9.8                 | 15.9           |                   |
|                                      | May               | 18.9                |                |                   |
|                                      | Jun               | 19.1                |                |                   |
| Jul-Sep 2023                         | Jul               | 24.0                | 23             |                   |
|                                      | Aug               | 23.8                |                |                   |
|                                      | Sep               | 20.4                |                |                   |
| Oct-Dec 2023                         | Oct               | 19.4                | N/A            |                   |
|                                      | Nov               | 19.2                |                |                   |
|                                      | Dec               |                     |                |                   |

| Riverneck Water Treatment Plant |                   |                     |                |                   |
|---------------------------------|-------------------|---------------------|----------------|-------------------|
| Quarterly Compliance Period     | Monitoring Period | PFAS6 Result (ng/L) | Average (ng/L) | PFAS 6 MCL (ng/L) |
| Jan-Mar 2023                    | Jan               | 14.9                | 14.0           | 20                |
|                                 | Feb               | 14.2                |                |                   |
|                                 | Mar               | 13.1                |                |                   |
| Apr-Jun 2023                    | Apr               | 14.3                | 15.0           |                   |
|                                 | May               | 16.7                |                |                   |
|                                 | Jun               | 14.1                |                |                   |
| Jul-Sep 2023                    | Jul               | 15.9                | 19.0           |                   |
|                                 | Aug               | 21.6                |                |                   |
|                                 | Sep               | 20.6                |                |                   |
| Oct-Dec 2023                    | Oct               | 19.2                | N/A            |                   |
|                                 | Nov               | 19.2                |                |                   |
|                                 | Dec               |                     |                |                   |

| Smith Street Water Treatment Plant |                   |                     |                |                   |
|------------------------------------|-------------------|---------------------|----------------|-------------------|
| Quarterly Compliance Period        | Monitoring Period | PFAS6 Result (ng/L) | Average (ng/L) | PFAS 6 MCL (ng/L) |
| Jan-Mar 2023                       | Jan               | N/A                 |                | 20                |
|                                    | Feb               | N/A                 |                |                   |
|                                    | Mar               | N/A                 |                |                   |
| Apr-Jun 2023                       | Apr               | N/A                 |                |                   |
|                                    | May               | N/A                 |                |                   |
|                                    | Jun               | N/A                 |                |                   |
| Jul-Sep 2023                       | Jul               | N/A                 |                |                   |
|                                    | Aug               | N/A                 |                |                   |
|                                    | Sep               | N/A                 |                |                   |
| Oct-Dec 2023                       | Oct               | 13.1                |                |                   |
|                                    | Nov               | N/A                 |                |                   |
|                                    | Dec               |                     |                |                   |

**Notes:**

**Exceeds Massachusetts Department of Environmental Protection MCL of 20 ppt or ng/L**

A PFAS6 MCL violation occurs when the average of all monthly samples collected over a quarter exceeds the MCL