PFAS Results for Costner Entry Point 101 (Wells 1, 2, 6), Method 537.1

| Contominant | June 11, 2020 | July 9, 2020 | July 21, 2020 | Aug 6, 2020 | Aug 18, 2020 | Sept 1, 2020 | Sept 15, 2020 | Sept 29, 2020 | Oct 22, 2020 |
|--------------------------------------|---------------|--------------|---------------|--------------|--------------|--------------|---------------|---------------|--------------|
| Contaminant | Result (ppt) | Result (ppt) | Result (ppt) | Result (ppt) | Result (ppt) | Result (ppt) | Result (ppt) | Result (ppt) | Result (ppt) |
| Perfluorooctanoic acid (PFOA) | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Perfluorooctanesulfonic acid (PFOS) | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Perfluorobutanesulfonic acid (PFBS) | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Perfluoroheptanoic acid (PFHpA) | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Perfluorohexanesulfonic acid (PFHxS) | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Perfluorononanoic acid (PFNA) | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Perfluorodecanoic acid (PFDA) | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Perfluorohexanoic acid (PFHxA) | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Perfluorododecanoic acid (PFDoA) | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Perfluorotridecanoic acid (PFTrDA) | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Perfluoroundecanoic acid (PFUnA) | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Perfluorotetradecanoic acid (PFTeDA) | ND | ND | ND | ND | ND | ND | ND | ND | ND |

Between 2014 and 2015, the Warrington wells were taken out of service from the distribution system due to various per- and polyfluoroalkyl substances (PFAS) contaminating the groundwater. Warrington now has a large filter building at each site which contains two granular activated carbon (GAC) tanks that filter PFAS out of the groundwater. For the sake of transparency with our residents, you can find the PFAS sample results posted here. NWWA will continuously sample the water for PFAS to maintain the integrity of the drinking water entering the Warrington distribution system. If you have any questions or concerns, call Vanessa Heindel at 267-482-6957 or email vheindel@nwwater.com.

PFAS Results for Costner Entry Point 101 (Wells 1, 2, 6), Method 537.1

| Contominant | Nov 17, 2020 | Dec 21, 2020 | Jan 12, 2021 | Feb 8, 2021 | Mar 9, 2021 | Apr 15, 2021 | May 11, 2021 | Jun 8, 2021 | Aug 10, 2021 |
|--------------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Contaminant | Result (ppt) |
| Perfluorooctanoic acid (PFOA) | ND |
| Perfluorooctanesulfonic acid (PFOS) | ND |
| Perfluorobutanesulfonic acid (PFBS) | ND |
| Perfluoroheptanoic acid (PFHpA) | ND |
| Perfluorohexanesulfonic acid (PFHxS) | ND |
| Perfluorononanoic acid (PFNA) | ND |
| Perfluorodecanoic acid (PFDA) | ND |
| Perfluorohexanoic acid (PFHxA) | ND |
| Perfluorododecanoic acid (PFDoA) | ND |
| Perfluorotridecanoic acid (PFTrDA) | ND |
| Perfluoroundecanoic acid (PFUnA) | ND |
| Perfluorotetradecanoic acid (PFTeDA) | ND |

| Contominant | Nov 16, 2021 | Jan 11, 2022 | May 10, 2022 | Aug 10, 2022 | Nov 10, 2022 | Feb 9, 2023 | May 11, 2023 | Aug 10, 2023 | Nov 9, 2023 |
|--------------------------------------|--------------|--------------|--------------|---------------|---------------|--------------|--------------|--------------|--------------|
| Contaminant | Result (ppt) | Result (ppt) | Result (ppt) | Result (ng/L) | Result (ng/L) | Result (ppt) | Result (ppt) | Result (ppt) | Result (ppt) |
| Perfluorooctanoic acid (PFOA) | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Perfluorooctanesulfonic acid (PFOS) | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Perfluorobutanesulfonic acid (PFBS) | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Perfluoroheptanoic acid (PFHpA) | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Perfluorohexanesulfonic acid (PFHxS) | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Perfluorononanoic acid (PFNA) | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Perfluorodecanoic acid (PFDA) | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Perfluorohexanoic acid (PFHxA) | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Perfluorododecanoic acid (PFDoA) | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Perfluorotridecanoic acid (PFTrDA) | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Perfluoroundecanoic acid (PFUnA) | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Perfluorotetradecanoic acid (PFTeDA) | ND | ND | ND | ND | ND | ND | ND | ND | ND |

PFAS Results for Costner Entry Point 101 (Wells 1, 2, 6), Method 537.1

| Contominant | Feb 8, 2024 | May 5, 2024 | Aug 8, 2024 | Nov 7, 2024 |
|--------------------------------------|--------------|--------------|--------------|--------------|
| Contaminant | Result (ppt) | Result (ppt) | Result (ppt) | Result (ppt) |
| Perfluorooctanoic acid (PFOA) | ND | ND | ND | ND |
| Perfluorooctanesulfonic acid (PFOS) | ND | ND | ND | ND |
| Perfluorobutanesulfonic acid (PFBS) | ND | ND | ND | ND |
| Perfluoroheptanoic acid (PFHpA) | ND | ND | ND | ND |
| Perfluorohexanesulfonic acid (PFHxS) | ND | ND | ND | ND |
| Perfluorononanoic acid (PFNA) | ND | ND | ND | ND |
| Perfluorodecanoic acid (PFDA) | ND | ND | ND | ND |
| Perfluorohexanoic acid (PFHxA) | ND | ND | ND | ND |
| Perfluorododecanoic acid (PFDoA) | ND | ND | ND | ND |
| Perfluorotridecanoic acid (PFTrDA) | ND | ND | ND | ND |
| Perfluoroundecanoic acid (PFUnA) | ND | ND | ND | ND |
| Perfluorotetradecanoic acid (PFTeDA) | ND | ND | ND | ND |

PFAS Results for Well 1 Raw Water*, Method 537.1

| Contominant | June 11, 2020 | July 9, 2020 | July 21, 2020 | Aug 6, 2020 | Aug 18, 2020 | Sept 1, 2020 | Sept 15, 2020 | Sept 29, 2020 | Oct 22, 2020 | Nov 17, 2020 |
|---|---------------|--------------|---------------|--------------|--------------|--------------|---------------|---------------|--------------|--------------|
| Contaminant | Result (ppt) | Result (ppt) | Result (ppt) | Result (ppt) | Result (ppt) | Result (ppt) | Result (ppt) | Result (ppt) | Result (ppt) | Result (ppt) |
| Perfluorooctanesulfonic acid (PFOS) | 29 | 14 | 11 | 12 | 13 | 9.2 | 11.8 | 20 | 13 | 15 |
| Perfluoroundecanoic acid (PFUnA) | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Perfluorohexanoic acid (PFHxA) | 3.2 | 4.9 | 3.7 | 4.5 | 4.8 | 2.1 | 4.8 | 4.3 | 3.9 | 4.8 |
| Perfluorododecanoic acid (PFDoA) | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Perfluorooctanoic acid (PFOA) | 7.8 | 10 | 8.3 | 9.3 | 10 | 5.5 | 10.3 | 9.8 | 10 | 10 |
| Perfluorodecanoic acid (PFDA) | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Perfluorohexanesulfonic acid (PFHxS) | 9.5 | 6.5 | 5.2 | 6.7 | 5.8 | 3.3 | 6.6 | 6.7 | 5.3 | 6.6 |
| Perfluorobutanesulfonic acid (PFBS) | 2.8 | 4.1 | 3.3 | 4.8 | 3.9 | ND | 4.0 | 3.3 | 3.8 | 4.5 |
| Perfluoroheptanoic acid (PFHpA) | ND | 3.2 | 2.6 | 3.1 | 3.2 | ND | 3.1 | 2.8 | 3.1 | 3.3 |
| Perfluorononanoic acid (PFNA) | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Perfluorotetradecanoic acid (PFTeDA) \$ | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Perfluorotridecanoic acid (PFTrDA) | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |

| Contominant | Dec 21, 2020 | Jan 12, 2021 | Feb 8, 2021 | Mar 9, 2021 | Apr 15, 2021 | May 11, 2021 | Jun 8, 2021 | Aug 10, 2021 | Nov 16, 2021 | Jan 11, 2022 |
|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Contaminant | Result (ppt) |
| Perfluorooctanesulfonic acid (PFOS) | 13 | 12 | 11 | 12 | 11 | 9.7 | 11 | 11 | 13 | 13 |
| Perfluoroundecanoic acid (PFUnA) | ND |
| Perfluorohexanoic acid (PFHxA) | 4.3 | 4.2 | 4.2 | 4.2 | 4.6 | 4.0 | 4.3 | 4.2 | 5.1 | 4.7 |
| Perfluorododecanoic acid (PFDoA) | ND |
| Perfluorooctanoic acid (PFOA) | 9.8 | 9.2 | 9.9 | 9.0 | 9.5 | 8.4 | 11 | 9.0 | 12 | 11 |
| Perfluorodecanoic acid (PFDA) | ND |
| Perfluorohexanesulfonic acid (PFHxS) | 6.3 | 6.0 | 6.1 | 5.4 | 6.2 | 4.7 | 6.0 | 6.1 | 6.9 | 6.2 |
| Perfluorobutanesulfonic acid (PFBS) | 3.7 | 3.5 | 3.7 | 2.9 | 3.6 | 3.3 | 3.6 | 3.7 | 4.5 | 4.0 |
| Perfluoroheptanoic acid (PFHpA) | 3.0 | 2.8 | 3.2 | 2.8 | 3.2 | 2.8 | 3.1 | 2.9 | 2.4 | 3.2 |
| Perfluorononanoic acid (PFNA) | ND |
| Perfluorotetradecanoic acid (PFTeDA) \$ | ND |
| Perfluorotridecanoic acid (PFTrDA) | ND |

^{*}As of 2023, raw water sampling will occur only during the fourth quarter of the year

PFAS Results for Well 1 Raw Water*, Method 537.1

| Contominant | May 10, 2022 | Aug 10, 2022 | Nov 10, 2022 | Feb 9, 2023 | May 11, 2023 | Aug 10, 2023 | Nov 9, 2023 | Nov 7, 2024 |
|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Contaminant | Result (ppt) |
| Perfluorooctanesulfonic acid (PFOS) | 13 | 29 | 23 | 14 | 22 | 16 | 17 | 16 |
| Perfluoroundecanoic acid (PFUnA) | ND |
| Perfluorohexanoic acid (PFHxA) | 4.7 | 6.0 | 4.8 | 4.9 | 6.1 | 5.8 | 5.3 | 5 |
| Perfluorododecanoic acid (PFDoA) | ND |
| Perfluorooctanoic acid (PFOA) | 11 | 21 | 17 | 13 | 18 | 13 | 14 | 13 |
| Perfluorodecanoic acid (PFDA) | ND |
| Perfluorohexanesulfonic acid (PFHxS) | 6.3 | 9.2 | 7.3 | 6.2 | 7.6 | 6.2 | 6.5 | 6.5 |
| Perfluorobutanesulfonic acid (PFBS) | 3.7 | 5.1 | 4.7 | 4.6 | 5.6 | 5.6 | 6.0 | 5.8 |
| Perfluoroheptanoic acid (PFHpA) | 3.4 | 5.1 | 4.1 | 3.8 | 4.9 | 4.1 | 4.0 | 3.9 |
| Perfluorononanoic acid (PFNA) | ND | 2.1 | ND | ND | ND | ND | ND | ND |
| Perfluorotetradecanoic acid (PFTeDA) \$ | ND |
| Perfluorotridecanoic acid (PFTrDA) | ND |

^{*}As of 2023, raw water sampling will occur only during the fourth quarter of the year

PFAS Results for Well 2 Raw Water*, Method 537.1

| Contouringent | June 11, 2020 | July 9, 2020 | July 21, 2020 | Aug 6, 2020 | Aug 18, 2020 | Sept 1, 2020 | Sept 15, 2020 | Sept 29, 2020 | Oct 22, 2020 | Nov 17, 2020 |
|---|---------------|--------------|---------------|--------------|--------------|--------------|---------------|---------------|--------------|--------------|
| Contaminant | Result (ppt) | Result (ppt) | Result (ppt) | Result (ppt) | Result (ppt) | Result (ppt) | Result (ppt) | Result (ppt) | Result (ppt) | Result (ppt) |
| Perfluorooctanesulfonic acid (PFOS) | 1400 | 1200 | 1100 | 920 | 1100 | 1000 | 956 | 1100 | 1100 | 1100 |
| Perfluoroundecanoic acid (PFUnA) | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Perfluorohexanoic acid (PFHxA) | 74 | 76 | 72 | 74 | 73 | 69 | 95.6 | 78 | 65 | 76 |
| Perfluorododecanoic acid (PFDoA) | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Perfluorooctanoic acid (PFOA) | 180 | 150 | 140 | 130 | 140 | 150 | 157 | 150 | 140 | 140 |
| Perfluorodecanoic acid (PFDA) | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Perfluorohexanesulfonic acid (PFHxS) | 380 | 320 | 300 | 240 | 310 | 280 | 315 | 290 | 320 | 320 |
| Perfluorobutanesulfonic acid (PFBS) | 52 | 58 | 53 | 53 | 45 | 43 | 52.6 | 51 | 50 | 48 |
| Perfluoroheptanoic acid (PFHpA) | 27 | 27 | 26 | 27 | 28 | 27 | 28.1 | 27 | 25 | 27 |
| Perfluorononanoic acid (PFNA) | 3.5 | 3.1 | 2.9 | 3.1 | 2.9 | 2.9 | 4.07 | 2.8 | 3.1 | 3.6 |
| Perfluorotetradecanoic acid (PFTeDA) \$ | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Perfluorotridecanoic acid (PFTrDA) | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |

| Contominant | Dec 21, 2020 | Jan 12, 2021 | Feb 8, 2021 | Mar 9, 2021 | Apr 15, 2021 | May 11, 2021 | Jun 8, 2021 | Aug 10, 2021 | Nov 16, 2021 | Jan 11, 2022 |
|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Contaminant | Result (ppt) |
| Perfluorooctanesulfonic acid (PFOS) | 950 | 850 | 1000 | 780 | 1000 | 860 | 960 | 960 | 1100 | 970 |
| Perfluoroundecanoic acid (PFUnA) | ND |
| Perfluorohexanoic acid (PFHxA) | 67 | 62 | 69 | 58 | 71 | 64 | 69 | 74 | 77 | 72 |
| Perfluorododecanoic acid (PFDoA) | ND |
| Perfluorooctanoic acid (PFOA) | 130 | 120 | 140 | 110 | 130 | 120 | 150 | 140 | 170 | 150 |
| Perfluorodecanoic acid (PFDA) | ND |
| Perfluorohexanesulfonic acid (PFHxS) | 270 | 230 | 280 | 240 | 280 | 240 | 270 | 280 | 340 | 310 |
| Perfluorobutanesulfonic acid (PFBS) | 46 | 44 | 47 | 34 | 48 | 41 | 47 | 47 | 55 | 59 |
| Perfluoroheptanoic acid (PFHpA) | 25 | 23 | 27 | 21 | 26 | 23 | 26 | 27 | 30 | 26 |
| Perfluorononanoic acid (PFNA) | 3.3 | 3.0 | 3.2 | 2.9 | 3.1 | 2.8 | 3.2 | 3.1 | 3.5 | 3.2 |
| Perfluorotetradecanoic acid (PFTeDA) \$ | ND |
| Perfluorotridecanoic acid (PFTrDA) | ND |

^{*}As of 2023, raw water sampling will occur only during the fourth quarter of the year

PFAS Results for Well 2 Raw Water*, Method 537.1

| Contoninont | May 10, 2022 | Aug 10, 2022 | Nov 10, 2022 | Feb 9, 2023 | May 11, 2023 | Aug 10, 2023 | Nov 9, 2023 | Nov 7, 2024 |
|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Contaminant | Result (ppt) |
| Perfluorooctanesulfonic acid (PFOS) | 780 | 1100 | 870 | 980 | 1000 | 1000 | 1000 | 990 |
| Perfluoroundecanoic acid (PFUnA) | ND |
| Perfluorohexanoic acid (PFHxA) | 65 | 90 | 76 | 72 | 85 | 83 | 84 | 81 |
| Perfluorododecanoic acid (PFDoA) | ND |
| Perfluorooctanoic acid (PFOA) | 140 | 200 | 160 | 160 | 190 | 160 | 180 | 170 |
| Perfluorodecanoic acid (PFDA) | ND |
| Perfluorohexanesulfonic acid (PFHxS) | 240 | 320 | 270 | 290 | 310 | 320 | 330 | 350 |
| Perfluorobutanesulfonic acid (PFBS) | 43 | 57 | 50 | 48 | 56 | 52 | 53 | 53 |
| Perfluoroheptanoic acid (PFHpA) | 24 | 32 | 26 | 27 | 30 | 29 | 28 | 28 |
| Perfluorononanoic acid (PFNA) | 3.0 | 3.8 | 3.2 | 3.3 | 3.5 | 3.5 | 3.4 | 4.5 |
| Perfluorotetradecanoic acid (PFTeDA) \$ | ND |
| Perfluorotridecanoic acid (PFTrDA) | ND |

^{*}As of 2023, raw water sampling will occur only during the fourth quarter of the year

PFAS Results for Well 6 Raw Water*, Method 537.1

| Comtominant | June 11, 2020 | July 9, 2020 | July 21, 2020 | Aug 6, 2020 | Aug 18, 2020 | Sept 1, 2020 | Sept 15, 2020 | Sept 29, 2020 | Oct 22, 2020 | Nov 17, 2020 |
|---|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Contaminant | Result (ng/L) |
| Perfluorooctanesulfonic acid (PFOS) | 42 | 42 | 39 | 40 | 44 | 40 | 38.2 | 37 | 37 | 43 |
| Perfluoroundecanoic acid (PFUnA) | ND |
| Perfluorohexanoic acid (PFHxA) | 9.9 | 11 | 11 | 11 | 10 | 10 | 12 | 10 | 11 | 12 |
| Perfluorododecanoic acid (PFDoA) | ND |
| Perfluorooctanoic acid (PFOA) | 18 | 17 | 17 | 17 | 19 | 18 | 19.5 | 17 | 18 | 19 |
| Perfluorodecanoic acid (PFDA) | ND |
| Perfluorohexanesulfonic acid (PFHxS) | 18 | 19 | 17 | 20 | 17 | 17 | 19.9 | 16 | 16 | 20 |
| Perfluorobutanesulfonic acid (PFBS) | 12 | 12 | 9.7 | 13 | 10 | 9.4 | 11.3 | 9.1 | 11 | 12 |
| Perfluoroheptanoic acid (PFHpA) | 6.1 | 5.9 | 6.1 | 6.6 | 6.7 | 6.5 | 6.4 | 5.9 | 6.4 | 6.8 |
| Perfluorononanoic acid (PFNA) | ND | ND | ND | ND | ND | ND | 2.5 | ND | ND | ND |
| Perfluorotetradecanoic acid (PFTeDA) \$ | ND |
| Perfluorotridecanoic acid (PFTrDA) | ND |

| Contominant | Dec 21, 2020 | Jan 28, 2021 | Feb 8, 2021 | Mar 9, 2021 | Apr 15, 2021 | May 11, 2021 | Jun 8, 2021 | Aug 10, 2021 | Nov 16, 2021 | Jan 11, 2022 |
|---|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Contaminant | Result (ng/L) | Result (ppt) |
| Perfluorooctanesulfonic acid (PFOS) | 39 | 38 | 41 | 38 | 42 | 37 | 39 | 36 | 40 | 40 |
| Perfluoroundecanoic acid (PFUnA) | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Perfluorohexanoic acid (PFHxA) | 11 | 10 | 12 | 9.6 | 12 | 10 | 11 | 11 | 11 | 12 |
| Perfluorododecanoic acid (PFDoA) | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Perfluorooctanoic acid (PFOA) | 18 | 17 | 19 | 17 | 18 | 17 | 20 | 17 | 21 | 21 |
| Perfluorodecanoic acid (PFDA) | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Perfluorohexanesulfonic acid (PFHxS) | 19 | 18 | 18 | 16 | 19 | 16 | 17 | 16 | 19 | 19 |
| Perfluorobutanesulfonic acid (PFBS) | 10 | 11 | 10 | 9.5 | 11 | 11 | 11 | 10 | 13 | 13 |
| Perfluoroheptanoic acid (PFHpA) | 6.4 | 6.2 | 7 | 5.9 | 6.8 | 6.4 | 7.1 | 6.5 | 7.4 | 7.7 |
| Perfluorononanoic acid (PFNA) | ND | ND | ND | ND | ND | ND | ND | ND | 2.0 | 2.1 |
| Perfluorotetradecanoic acid (PFTeDA) \$ | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Perfluorotridecanoic acid (PFTrDA) | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |

^{*}As of 2023, raw water sampling will occur only during the fourth quarter of the year

PFAS Results for Well 6 Raw Water*, Method 537.1

| Comtominant | May 10, 2022 | Aug 10, 2022 | Nov 10, 2022 | Feb 9, 2023 | May 11, 2023 | Aug 10, 2023 | Nov 9, 2023 | Nov 7, 2024 |
|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Contaminant | Result (ppt) |
| Perfluorooctanesulfonic acid (PFOS) | 35 | 39 | 33 | 35 | 37 | 30 | 30 | 27 |
| Perfluoroundecanoic acid (PFUnA) | ND |
| Perfluorohexanoic acid (PFHxA) | 11 | 13 | 11 | 10 | 12 | 12 | 11 | 11 |
| Perfluorododecanoic acid (PFDoA) | ND |
| Perfluorooctanoic acid (PFOA) | 19 | 25 | 19 | 20 | 22 | 19 | 19 | 18 |
| Perfluorodecanoic acid (PFDA) | ND |
| Perfluorohexanesulfonic acid (PFHxS) | 16 | 15 | 14 | 15 | 16 | 12 | 13 | 12 |
| Perfluorobutanesulfonic acid (PFBS) | 11 | 15 | 13 | 12 | 13 | 13 | 14 | 15 |
| Perfluoroheptanoic acid (PFHpA) | 6.8 | 9.1 | 6.9 | 7.1 | 7.5 | 7.9 | 7.6 | 7.5 |
| Perfluorononanoic acid (PFNA) | 1.9 | 2.5 | ND | ND | 2.1 | 2.1 | 2.0 | 2.9 |
| Perfluorotetradecanoic acid (PFTeDA) \$ | ND |
| Perfluorotridecanoic acid (PFTrDA) | ND |

^{*}As of 2023, raw water sampling will occur only during the fourth quarter of the year

PFAS Results for Costner Midpoint, Method 537.1

| Contominant | July 9, 2020 | July 21, 2020 | Aug 6, 2020 | Aug 18, 2020 | Sept 1, 2020 | Sept 15, 2020 | Sept 29, 2020 | Oct 22, 2020 | Nov 17, 2020 | Dec 21, 2020 |
|---|--------------|---------------|--------------|--------------|--------------|---------------|---------------|--------------|--------------|--------------|
| Contaminant | Result (ppt) | Result (ppt) | Result (ppt) | Result (ppt) | Result (ppt) | Result (ppt) | Result (ppt) | Result (ppt) | Result (ppt) | Result (ppt) |
| Perfluorooctanesulfonic acid (PFOS) | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Perfluoroundecanoic acid (PFUnA) | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Perfluorohexanoic acid (PFHxA) | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Perfluorododecanoic acid (PFDoA) | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Perfluorooctanoic acid (PFOA) | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Perfluorodecanoic acid (PFDA) | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Perfluorohexanesulfonic acid (PFHxS) | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Perfluorobutanesulfonic acid (PFBS) | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Perfluoroheptanoic acid (PFHpA) | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Perfluorononanoic acid (PFNA) | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Perfluorotetradecanoic acid (PFTeDA) \$ | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Perfluorotridecanoic acid (PFTrDA) | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |

| Contaminant | Jan 12, 2021 | Feb 8, 2021 | Mar 9, 2021 | Apr 15, 2021 | May 11, 2021 | Jun 8, 2021 | Aug 10, 2021 | Nov 16, 2021 | Jan 11, 2022 | May 10, 2022 |
|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Contaminant | Result (ppt) |
| Perfluorooctanesulfonic acid (PFOS) | ND |
| Perfluoroundecanoic acid (PFUnA) | ND |
| Perfluorohexanoic acid (PFHxA) | ND |
| Perfluorododecanoic acid (PFDoA) | ND |
| Perfluorooctanoic acid (PFOA) | ND |
| Perfluorodecanoic acid (PFDA) | ND |
| Perfluorohexanesulfonic acid (PFHxS) | ND |
| Perfluorobutanesulfonic acid (PFBS) | ND |
| Perfluoroheptanoic acid (PFHpA) | ND |
| Perfluorononanoic acid (PFNA) | ND |
| Perfluorotetradecanoic acid (PFTeDA) \$ | ND |
| Perfluorotridecanoic acid (PFTrDA) | ND |

PFAS Results for Costner Midpoint, Method 537.1

| Contominant | Aug 10, 2022 | Nov 10, 2022 | Feb 9, 2023 | May 11, 2023 | Aug 10, 2023 | Nov 9, 2023 | Feb 8, 2024 | May 5, 2024 | Aug 8, 2024 | Nov 7, 2024 |
|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Contaminant | Result (ppt) |
| Perfluorooctanesulfonic acid (PFOS) | ND |
| Perfluoroundecanoic acid (PFUnA) | ND |
| Perfluorohexanoic acid (PFHxA) | ND |
| Perfluorododecanoic acid (PFDoA) | ND |
| Perfluorooctanoic acid (PFOA) | ND |
| Perfluorodecanoic acid (PFDA) | ND |
| Perfluorohexanesulfonic acid (PFHxS) | ND |
| Perfluorobutanesulfonic acid (PFBS) | ND |
| Perfluoroheptanoic acid (PFHpA) | ND |
| Perfluorononanoic acid (PFNA) | ND |
| Perfluorotetradecanoic acid (PFTeDA) \$ | ND |
| Perfluorotridecanoic acid (PFTrDA) | ND |

| | Feb 10, 2025 | | | | | |
|--------------|--------------|--|--|--|--|--|
| Contaminant | Result (ppt) | | | | | |
| 11Cl-PF3OUdS | ND | | | | | |
| 9CI-PF3ONS | ND | | | | | |
| ADONA | ND | | | | | |
| HFPO-DA | ND | | | | | |
| NFDHA | ND | | | | | |
| PFBA | ND | | | | | |
| PFBS | ND | | | | | |
| 8:2FTS | ND | | | | | |
| PFDA | ND | | | | | |
| PFDoA | ND | | | | | |
| PFEESA | ND | | | | | |
| PFHpS | ND | | | | | |
| PFHpA | ND | | | | | |
| 4:2FTS | ND | | | | | |
| PFHxS | ND | | | | | |
| PFHxA | ND | | | | | |
| PFMPA | ND | | | | | |
| PFMBA | ND | | | | | |
| PFNA | ND | | | | | |
| 6:2FTS | ND | | | | | |
| PFOS | ND | | | | | |
| PFOA | ND | | | | | |
| PFPeA | ND | | | | | |
| PFPeS | ND | | | | | |
| PFUnA | ND | | | | | |

PFAS Results for Costner Midpoint, Method 533

| Cambanainant | March 5, 2025 | | | | | |
|--------------|---------------|--|--|--|--|--|
| Contaminant | Result (ppt) | | | | | |
| 11Cl-PF3OUdS | ND | | | | | |
| 9Cl-PF3ONS | ND | | | | | |
| ADONA | ND | | | | | |
| HFPO-DA | ND | | | | | |
| NFDHA | ND | | | | | |
| PFBA | 17 | | | | | |
| PFBS | ND | | | | | |
| 8:2FTS | ND | | | | | |
| PFDA | ND | | | | | |
| PFDoA | ND | | | | | |
| PFEESA | ND | | | | | |
| PFHpS | ND | | | | | |
| PFHpA | ND | | | | | |
| 4:2FTS | ND | | | | | |
| PFHxS | ND | | | | | |
| PFHxA | ND | | | | | |
| PFMPA | ND | | | | | |
| PFMBA | ND | | | | | |
| PFNA | ND | | | | | |
| 6:2FTS | ND | | | | | |
| PFOS | ND | | | | | |
| PFOA | ND | | | | | |
| PFPeA | ND | | | | | |
| PFPeS | ND | | | | | |
| PFUnA | ND | | | | | |