| Well Type | Sample Location | Sample ID | Collection Date | 6:2 Fluorotelomer sulfonate (6:2 FTS) | 8:2 Fluorotelomer sulfonate (8:2 FTS) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) | N-Methyl Perfluorooctane Sulfonamide (MEFOSA) | N-Methyl Perfluorooctane Sulfonamidoethanol (MEFOSE) | Perfluorobutanesulfonic acid (PFBS) | Perfluorobutanoic acid (PFBA) | Perfluorodecane sulfonate (PFDS) | Perfluorodecanoic acid (PFDA) | Perfluorododecanoic acid (PFDoA) | Perfluoroheptane sulfonate (PFHpS) | Perfluoroheptanoic acid (PFHpA) | Perfluorohexanesulfonic acid (PFHxS) | Perfluorohexanoic acid (PFHxA) | Perfluorononanoic acid (PFNA) | Perfluorooctane sulfonamide (PFOSA) | Perfluorooctanesulfonic acid (PFOS) | Perfluorooctanoic acid (PFOA) | Perfluoropentanoic acid (PFPeA) | Perfluorotetradecanoic acid (PFTeDA) | Perfluorotridecanoic acid (PFTrDA) | Perfluoroundecanoic acid (PFUnA) | PFOS+PFOA |
|-----------------|-----------------|---------------------|-----------------|--|--|---|---|--|--|--|----------------------------------|-------------------------------------|----------------------------------|-------------------------------------|---------------------------------------|------------------------------------|---|--------------------------------|----------------------------------|--|--|----------------------------------|---------------------------------|---|---------------------------------------|-------------------------------------|-----------|
| | | USEPA Health Adv | isory (HA): | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.07 | 0.07 | - | - | - | - ' | 0.07 |
| | | Harrison-06182014 | 18-Jun-14 | NA | NA | NA | NA | NA | NA | ND | 0.0044 J | ND | ND | ND | NA | ND | 0.0260 | 0.0046 J | ND | ND | 0.0250 | ND | 0.0066 J | ND | ND | ND | 0.0250 |
| | | HARRISON-06252014 | 25-Jun-14 | NA | NA | NA | NA | NA | NA | ND | ND | ND | ND | ND | NA | ND | 0.0210 | ND | ND | ND | 0.0250 | ND | 0.0034 J | ND | ND | ND | 0.0250 |
| | | DW-DUP-07022014 (D) | 02-Jul-14 | NA | NA | NA | NA | NA | NA | ND | 0.0071 J | ND | ND | ND | NA | ND | 0.0210 | 0.0063 J | ND | ND | 0.0270 | 0.0034 J | 0.0065 J | ND | ND | ND | 0.0304 J |
| | | HARRISON-07022014 | 02-Jul-14 | NA | NA | NA | NA | NA | NA | ND | 0.0071 J | ND | ND | ND | NA | ND | 0.0200 | 0.0058 J | ND | ND | 0.0260 | 0.0034 J | 0.0066 J | ND | ND | ND | 0.0294 J |
| | | HARRISON-07092014 | 09-Jul-14 | NA | NA | NA | NA | NA | NA | ND | 0.0043 J | ND | ND | ND | NA | ND | 0.0190 J | 0.0044 J | ND | ND | 0.0200 | ND | ND | ND | ND | ND | 0.0200 |
| | | DW-DUP-07162014 (D) | 16-Jul-14 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0280 | ND | ND | ND | 0.0260 | 0.0047 J | ND | ND | ND | ND | 0.0307 J |
| | | HARRISON-07162014 | 16-Jul-14 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0290 | ND | ND | ND | 0.0270 | ND | 0.0029 J | ND | ND | | 0.0270 |
| | | HARRISON_07242014 | 24-Jul-14 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0240 | ND | ND | ND | 0.0270 | ND | 0.0033 J | ND | ND | ND | 0.0270 |
| | | HARRISON_08062014 | 06-Aug-14 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0250 | ND | ND | ND | 0.0200 | ND | 0.0057 J | ND | ND | ND | 0.0200 |
| | | HARRISON_08212014 | 21-Aug-14 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0150 J | ND | ND | ND | 0.0110 J | ND | 0.0036 J | ND | ND | | 0.0110 J |
| | | HARRISON_09042014 | 04-Sep-14 | ND | ND | ND | ND | ND | ND | ND | 0.0038 J | ND | ND | ND | ND | ND | 0.0270 | 0.0039 J | ND | ND | 0.0270 | ND | 0.0036 J | ND | ND | ND | 0.0270 |
| | | HARRISON_09172014 | 17-Sep-14 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0260 | 0.0033 J | ND | ND | 0.0250 | ND | 0.0048 J | ND | ND | ND | 0.0250 |
| | | HARRISON_10012014 | 01-Oct-14 | ND | ND | ND | 0.0028 B | ND | ND | ND | 0.0068 J | ND | ND | ND | ND | ND | 0.0300 | 0.0076 J | ND | ND | 0.0310 | 0.0076 J | 0.0081 J | ND | ND | | 0.0386 J |
| | | HARRISON_10162014 | 16-Oct-14 | ND | ND | ND | ND | ND | ND | 0.0033 J | 0.0046 J | ND | ND | ND | ND | 0.0047 J | 0.0310 | 0.0100 J | ND | ND | 0.0350 | 0.0077 J | 0.0120 J | ND | ND | ND | 0.0427 J |
| | | HARRISON_10292014 | 29-Oct-14 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0260 | 0.0085 J | ND | ND | 0.0270 | 0.0063 J | 0.0150 J | ND | ND | ND | 0.0333 J |
| | | HARRISON_11122014 | 12-Nov-14 | ND | ND | ND | ND | ND | ND | ND | 0.0046 J | ND | ND | ND | ND | ND | 0.0290 | 0.0064 J | ND | ND | 0.0340 | ND | 0.0100 J | ND | ND | ND | 0.0340 |
| | | HARRISON_11242014 | 24-Nov-14 | ND | ND | ND | ND | ND | ND | ND | 0.0059 J | ND | ND | ND | ND | ND | 0.0380 | 0.0074 J | ND | ND | 0.0380 | 0.0065 J | 0.0110 J | ND | ND | ND | 0.0445 J |
| l≡ | l = | HARRISON_12122014 | 12-Dec-14 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0310 | 0.0074 J | ND | ND | 0.0310 | ND | 0.0100 J | ND | ND | ND | 0.0310 |
| Production Well | Well | HARRISON_12222014 | 22-Dec-14 | ND | ND | ND | ND | ND | ND | ND | 0.0029 J | ND | ND | ND | ND | ND | 0.0270 | 0.0055 J | ND | ND | 0.0250 | 0.0043 J | 0.0086 J | ND | ND | | 0.0293 J |
| fio | | HARRISON_01052015 | 05-Jan-15 | ND | ND | ND | ND | ND | ND | ND | 0.0053 B | ND | ND | ND | 0.0065 J | 0.0031 J | 0.0350 | 0.0100 J | ND | ND | 0.0380 | 0.0063 J | 0.0120 J | ND | ND | ND | 0.0443 J |
| l Sp | larrison | HARRISON_01212015 | 21-Jan-15 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0310 | 0.0070 J | ND | ND | 0.0250 | 0.0039 J | 0.0110 J | ND | ND | ND | 0.0289 J |
| Įğ | Та | HARRISON_02042015 | 04-Feb-15 | ND | ND | ND | ND | ND | ND | ND | 0.0061 J | ND | ND | ND | ND | 0.0032 J | 0.0280 J | 0.0099 J | ND | ND | 0.0210 J | 0.0060 J | 0.0130 J | ND | ND | 0.0053 J | 0.0270 J |
| 1 " | | HARRISON_02192015 | 19-Feb-15 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0059 J | 0.0044 J | 0.0240 B | 0.0110 J | 0.0074 J | ND | 0.0250 | 0.0080 J | 0.0140 J | ND | ND | ND | 0.0330 J |
| | | HARRISON_03062015 | 06-Mar-15 | ND | ND | ND | ND | ND | ND | ND | 0.0040 J | ND | ND | ND | ND | ND | 0.0250 | 0.0041 J | 0.0043 J | ND | 0.0310 | ND | 0.0089 J | ND | ND | ND | 0.0310 |
| | | HARRISON_03172015 | 17-Mar-15 | ND | ND | ND | ND | ND | ND | ND | 0.0037 J | ND | ND | ND | 0.0049 J | ND | 0.0240 | 0.0094 J | ND | ND | 0.0290 | 0.0058 J | 0.0087 J | ND | ND | | 0.0348 J |
| | | HARRISON_03262015 | 26-Mar-15 | ND | ND | ND | ND | ND | ND | ND | 0.0092 J | ND | ND | ND | ND | ND | 0.0260 | 0.0093 J | ND | ND | 0.0280 B | 0.0074 J | 0.0093 B | ND | ND | ND | 0.0354 B |
| | | HARRISON_04092015 | 09-Apr-15 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0210 | 0.0029 J | ND | ND | 0.0280 | ND | 0.0083 J | ND | ND | ND | 0.0280 |
| | | HARRISON_04232015 | 23-Apr-15 | ND | ND | ND | 0.0045 B | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0097 J | ND | ND | | 0.0120 J | ND | ND | ND | ND | ND | 0.0120 J |
| | | _ | 07-May-15 | | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0210 | 0.0087 J | ND | ND | 0.0250 | ND | 0.0120 J | ND | ND | ND | 0.0250 |
| | | HARRISON_05212015 | 21-May-15 | | ND | ND | ND | ND | ND | ND | 0.0032 J | ND | ND | ND | ND | ND | | 0.0065 J | ND | ND | 0.0250 | ND | 0.0060 J | ND | ND | | 0.0250 |
| | | HARRISON_06032015 | 03-Jun-15 | | ND | ND | ND | ND | ND | ND | 0.0054 J | | ND | ND | ND | ND | 0.0230 | ND | ND | ND | 0.0240 | ND | 0.0099 J | ND | ND | | 0.0240 |
| | | HARRISON_06162015 | 16-Jun-15 | | ND | ND | ND | ND | ND | ND | 0.0047 J | ND | ND | ND | ND | ND | 0.0220 | ND | ND | ND | 0.0250 | ND | 0.0066 J | ND | ND | | 0.0250 |
| | | HARRISON_06302015 | 30-Jun-15 | ND | ND | ND | ND | ND | ND | ND | 0.0065 J | ND | ND | ND | ND | 0.0026 J | 0.0240 | 0.0035 J | ND | ND | 0.0270 | ND | 0.0081 J | ND | ND | | 0.0270 |
| | | HARRISON_07162015 | 16-Jul-15 | ND | ND | ND | ND | ND | ND | ND | 0.0055 J | ND | ND | ND | ND | ND | 0.0230 | 0.0061 J | ND | ND | 0.0260 | ND | 0.0072 J | ND | ND | | 0.0260 |
| | | HARRISON_07312015 | 31-Jul-15 | | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0230 | 0.0039 J | ND | ND | 0.0280 | ND | 0.0068 J | ND | ND | | 0.0280 |
| | | HARRISON_08112015 | 11-Aug-15 | | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0270 | 0.0080 J | ND | ND | 0.0250 | 0.0050 J | 0.0120 J | ND | ND | | 0.0300 J |
| | | HARRISON_08262015 | 26-Aug-15 | | ND | ND | ND | ND | ND | 0.0048 J | ND | ND | ND | ND | ND | 0.0054 J | | 0.0058 J | ND | ND | 0.0240 | + | 0.0090 J | ND | ND | | 0.0301 J |
| | | HARRISON_09092015 | 09-Sep-15 | | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0290 | 0.0063 J | ND | ND | 0.0230 | | 0.0100 J | ND | ND | | 0.0285 J |
| | | HARRISON_09232015 | 23-Sep-15 | | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0310 | 0.0089 J | ND | ND | 0.0260 B | | 0.0094 J | ND | ND | | 0.0329 B |
| | | HARRISON_10072015 | 07-Oct-15 | ND | ND | ND | ND | ND | ND | ND | 0.0062 J | ND | ND | ND | 0.0064 J | 0.0068 J | 0.0300 | 0.0100 J | ND | ND | 0.0260 | [0.0093 J | 0.0110 J | ND | ND | ND | 0.0353 J |

Grey text indicates the parameter was not analyzed or not detected.
All concentrations in µg/L - micrograms per liter
All values in micrograms per liter
D - duplicate sample

J - The result is an estimated value. B - Detected in Blank.

USEPA - Environmental Protection Agency NA - Not Analysed or Not Applicable μg/L - micrograms per liter

ND - Not detected

HA - Health Advisory screening value (EPA 2016)

— - No HA available

Q - The analyte is both B qualified because of blank detection and J qualified because of an additional QC issue.

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| HARRISON 1/19/07/16 API-00-16 API-00 API | Well Type | Sample Location | Sample ID | Collection Date | 6:2 Fluorotelomer sulfonate (6:2 FTS) | 8:2 Fluorotelomer sulfonate (8:2 FTS) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) | N-Methyl Perfluorooctane Sulfonamide (MEFOSA) | N-Methyl Perfluorooctane Sulfonamidoethanol (MEFOSE) | Perfluorobutanesulfonic acid (PFBS) | Perfluorobutanoic acid (PFBA) | Perfluorodecane sulfonate (PFDS) | Perfluorodecanoic acid (PFDA) | Perfluorododecanoic acid (PFDoA) | Perfluoroheptane sulfonate (PFHpS) | Perfluoroheptanoic acid (PFHpA) | Perfluorohexanesulfonic acid (PFHxS) | Perfluorohexanoic acid (PFHxA) | Perfluorononanoic acid (PFNA) | Perfluorooctane sulfonamide (PFOSA) | Perfluorooctanesulfonic acid (PFOS) | Perfluorooctanoic acid (PFOA) | Perfluoropentanoic acid (PFPeA) | Perfluorotetradecanoic acid (PFTeDA) | Perfluorotridecanoic acid (PFTrDA) | Perfluoroundecanoic acid (PFUnA) | PF0S+PF0A |
|--|-----------|-----------------|----------------------|-----------------|--|--|---|---|--|--|--|----------------------------------|----------------------------------|----------------------------------|---|---------------------------------------|------------------------------------|---|-----------------------------------|----------------------------------|--|--|----------------------------------|------------------------------------|---|---------------------------------------|-------------------------------------|-----------|
| HARRISON 11902016 HARRISON 1190 | | | USEPA Health Adv | visory (HA): | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.07 | 0.07 | - | - | - | <u> </u> | 0.07 |
| #####SECN_12012015 91-0e-015 NO | | | HARRISON_10202015 | 20-Oct-15 | ND | ND | ND | ND | ND | ND | 0.0080 B | 0.0120 J | ND | ND | ND | 0.0072 B | 0.0053 J | 0.0320 B | 0.0110 J | ND | ND | 0.0270 | | 0.0150 J | ND | 0.0037 B | ND | 0.0363 J |
| ### ### ### ### ### ### ### ### ### ## | | | _ | 04-Nov-15 | ND | ND | ND | ND | ND | ND | 0.0074 J | 0.0086 J | ND | ND | ND | ND | ND | 0.0320 | 0.0120 J | ND | ND | 0.0280 | | 0.0150 J | ND | ND | ND | 0.0372 J |
| ###################################### | | | HARRISON_11182015 | 18-Nov-15 | ND | ND | ND | ND | ND | ND | | ND | ND | ND | ND | ND | 0.0063 J | 0.0320 | 0.0110 J | ND | ND | 0.0260 | | 0.0140 J | ND | ND | ND | 0.0370 J |
| ###################################### | | | | 01-Dec-15 | ND | ND | ND | ND | ND | ND | 0.0066 J | 0.0140 J | ND | ND | ND | ND | 0.0068 J | 0.0360 | 0.0130 J | ND | ND | 0.0270 | | 0.0091 J | ND | ND | ND | 0.0356 J |
| ###################################### | | | HARRISON-12162015 | 16-Dec-15 | 0.0068 J | ND | ND | ND | ND | ND | 0.0061 J | 0.0100 J | ND | ND | ND | ND | 0.0048 J | 0.0330 | 0.0110 J | ND | ND | 0.0270 | 0.0082 J | 0.0130 J | ND | ND | ND | 0.0352 J |
| ### ARRISON_01202016 15-Mar-16 ND ND ND ND ND ND ND N | | | HARRISON_01062016 | 06-Jan-16 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0073 J | 0.0330 B | 0.0110 J | ND | ND | 0.0260 | 0.0082 J | 0.0120 J | ND | ND | ND | 0.0342 J |
| ##ARRISON_021660166 16-Feb-16 NO | | | HARRISON_01192016 | 19-Jan-16 | ND | ND | ND | ND | ND | ND | 0.0051 J | ND | ND | ND | ND | ND | 0.0059 J | 0.0270 | 0.0063 J | ND | ND | 0.0220 B | 0.0067 J | 0.0120 J | ND | ND | ND | 0.0287 B |
| ## ARRISON_0312016 | | | HARRISON_02022016 | 02-Feb-16 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0230 B | 0.0130 B | ND | ND | 0.0220 | 0.0080 J | 0.0082 J | ND | ND | ND | 0.0300 J |
| ## HARRISON_03152016 | | | HARRISON_02162016 | 16-Feb-16 | ND | ND | ND | ND | ND | ND | 0.0100 J | 0.0087 J | ND | ND | ND | 0.0083 J | 0.0057 J | 0.0330 B | 0.0110 J | ND | ND | 0.0270 B | 0.0071 J | 0.0110 J | ND | ND | ND | 0.0341 B |
| ##ARRISON_03292016 | | | HARRISON_0312016 | 01-Mar-16 | ND | ND | ND | ND | ND | ND | ND | 0.0130 J | ND | ND | ND | ND | 0.0088 J | 0.0320 | 0.0140 J | ND | ND | 0.0290 | 0.0140 J | 0.0190 J | ND | ND | ND | 0.0430 J |
| ## HARRISON-04122016 | | | HARRISON_03152016 | 15-Mar-16 | ND | ND | ND | ND | ND | ND | ND | 0.0088 J | ND | ND | ND | ND | 0.0064 J | 0.0220 B | 0.0088 J | ND | ND | 0.0210 B | 0.0097 J | 0.0150 J | ND | ND | ND | 0.0307 B |
| ## HARRISON-04/26/2016 28-Ag-16 ND ND NA NA NA NA NA 0.0022 0.0089 J NA NA NA 0.0022 0.0089 J NA NA NA 0.0020 0.0094 J ND ND 0.00240 0.0091 J NO ND 0.00240 0.0091 J NO NA NA NA NA 0.0024 0.0091 J NO ND 0.00240 0.0091 J NO NA NA NA NA 0.0026 0.0085 J NO ND | | | HARRISON_03292016 | 29-Mar-16 | ND | ND | ND | ND | ND | ND | 0.0053 J | 0.0100 J | ND | ND | ND | ND | ND | 0.0240 B | 0.0050 J | ND | ND | 0.0200 J | 0.0062 J | 0.0110 J | ND | ND | ND | 0.0262 J |
| ## HARRISON_69/2016926 | | | HARRISON-04122016 | 12-Apr-16 | ND | ND | NA | NA | NA | NA | 0.0075 J | ND | NA | NA | NA | ND | 0.0069 J | 0.0310 B | 0.0130 B | ND | ND | 0.0240 B | 0.0087 J | 0.0049 J | NA | NA | NA | 0.0327 B |
| ## HARRISON-GW 20160528 | | | HARRISON-04262016 | 26-Apr-16 | ND | ND | NA | NA | NA | NA | 0.0022 J | 0.0080 J | NA | NA | NA | 0.0067 J | 0.0064 J | 0.0270 | 0.0094 J | ND | ND | 0.0260 | 0.0054 J | 0.0140 J | NA | NA | NA | 0.0314 J |
| ## HARRISON-GW-201600609 | | | HARRISON_05102016 | 10-May-16 | 0.0100 J | ND | NA | NA | NA | NA | 0.0074 J | 0.0097 J | NA | NA | NA | 0.0096 J | 0.0089 J | 0.0260 | 0.0085 J | ND | ND | 0.0240 | 0.0091 J | 0.0120 J | NA | NA | NA | 0.0331 J |
| ## HARRISON-GW-20160609 | | | HARRISON-GW_20160526 | 26-May-16 | ND | ND | NA | NA | NA | NA | 0.0052 J | 0.0087 J | NA | NA | NA | 0.0050 J | 0.0048 J | 0.0240 | 0.0067 J | ND | ND | 0.0230 | 0.0071 J | 0.0078 J | NA | NA | | 0.0301 J |
| Fig. | | | HARRISON-GW-20160609 | 09-Jun-16 | ND | ND | NA | NA | NA | NA | ND | 0.0086 J | NA | NA | NA | 0.0057 J | 0.0080 J | 0.0230 | 0.0097 J | ND | ND | 0.0260 | 0.0083 J | 0.0110 J | NA | NA | NA | 0.0343 J |
| Farkison-GW, 20160079 | = | | | | ND | ND | NA | NA | NA | NA | 0.0039 J | 0.0073 J | NA | NA | NA | ND | ND | 0.0240 | 0.0097 J | ND | ND | 0.0260 | 0.0057 J | 0.0090 J | NA | NA | NA | 0.0317 J |
| Fig. | lş | /ell | | | ND | ND | NA | NA | NA | NA | ND | | NA | NA | NA | ND | ND | 0.0250 | | ND | ND | 0.0240 | | 0.0079 J | NA | NA | NA | 0.0318 J |
| HARRISON-GW_20160830 30-Aug-16 ND ND NA NA NA NA NA NA ND ND ND NA | l G | <u>۷</u> | | | ND | ND | NA | NA | NA | NA | ND | ND | NA | NA | NA | ND | | | 0.0100 J | ND | ND | 0.0260 | ND | | NA | NA | NA | 0.0260 |
| HARRISON-GW_20160830 30-Aug-16 ND ND NA NA NA NA NA ND ND ND NA NA NA NA NA ND ND ND 0.0220 0.00104J ND ND 0.0220 0.00504J ND ND 0.0220 0.00504J ND NA | ļ ģ | iso | HARRISON-GW_20160802 | 02-Aug-16 | ND | ND | NA | NA | NA | NA | 0.0049 J | ND | NA | NA | NA | ND | ND | 0.0210 | 0.0064 J | ND | ND | 0.0170 J | 0.0072 J | 0.0093 J | NA | NA | NA | 0.0242 J |
| HARRISON-GW_20160830 30-Aug-16 ND ND NA NA NA NA NA ND ND ND NA NA NA NA NA ND ND ND 0.0220 0.00104J ND ND 0.0220 0.00504J ND ND 0.0220 0.00504J ND NA | l b | ları | | _ | ND | ND | NA | NA | NA | NA | | ND | NA | NA | NA | ND | | | | | ND | | | | NA | NA | | 0.0342 J |
| HARRISON-GW_20160930 30-Aug-16 ND ND NA | ٦. | | | 15-Aug-16 | ND | ND | NA | NA | NA | NA | 0.0053 J | ND | NA | NA | NA | ND | 0.0060 J | 0.0280 | 0.0084 J | ND | ND | 0.0260 | 0.0074 J | 0.0110 J | NA | NA | NA | 0.0334 J |
| HARRISON-GW_20160913 13-Sep-16 ND ND NA | | | | 30-Aug-16 | ND | ND | NA | NA | NA | NA | ND | ND | NA | NA | NA | ND | ND | 0.0290 | | ND | ND | 0.0270 | | 0.0087 J | NA | NA | NA | 0.0328 J |
| HARRISON-GW_20160926 26-Sep-16 ND ND NA NA NA NA NA NA 0.0040 J ND NA NA NA NA 0.0040 J ND NA NA NA NA 0.0024 J ND 0.0340 0.0100 J ND ND 0.0240 ND 0.0140 J NA NA NA NA 0.024 ND 0.0140 J NA | | | | | ND | ND | NA | NA | NA | NA | 0.0029 B | ND | NA | NA | NA | ND | ND | 0.0260 B | | ND | ND | 0.0220 B | | 0.0079 B | NA | NA | NA | 0.0279 B |
| HARRISON-GW_20161019 19-Oct-16 ND ND NA | | | | | ND | ND | NA | NA | NA | NA | | ND | NA | NA | NA | 0.0042 J | | | 0.0100 J | ND | ND | 0.0240 | ND | 0.0140 J | NA | NA | NA | 0.0240 |
| HARRISON-GW_20161117 17-Nov-16 ND ND NA | | | | | | ND | NA | NA | NA | NA | | | NA | NA | NA | 1 | | | | ND | ND | | ND | | NA | NA | NA | 0.0220 |
| HARRISON-GW_20161214 14-Dec-16 ND ND NA | | | | | | | | | | + | | | | | | + | | | | | | - | | | | | | 0.0323 J |
| HARRISON-GW_20170111 11-Jan-17 ND ND NA | | | | | | | NA | | NA | NA | | + | | | + | + | | | | | | | | | | | | 0.0338 J |
| HARRISON-GW_20170217 17-Feb-17 ND ND NA | | | | | | | NA | | NA | NA | | | | | | | | | | | | | | | | | | 0.0326 J |
| HARRISON-GW_20170323 23-Mar-17 ND ND NA | | | | - | | | | | | + | | | | | + | | - | | | - | | | | | | | | 0.0358 J |
| HARRISON-GW_20170419 19-Apr-17 ND ND NA | | | | | | | | | | + | | | | | + | | | | | | | | | | | | | 0.0210 |
| HARRISON-GW_20170516 16-May-17 ND ND ND NA NA NA NA NA NA ND 0.095 J NA NA NA ND 0.0066 J 0.0350 0.0120 J ND ND 0.0250 0.0084 J 0.0150 J NA NA NA NA 0.033 HARRISON-GW_20170612 12-Jun-17 ND | | | | | | | | | | _ | | | | | | | | | | | - | | | | | | | 0.0358 J |
| HARRISON-GW_20170612 12-Jun-17 ND | | | | | | | | | | + | | | | | + | | - | | | | | | | | | | | 0.0334 J |
| HARRISON-GW_20170711 11-Jul-17 ND | | | _ | | | | | | | + | | + | | | + | | | | | | | | | | | | | 0.0354 J |
| HARRISON-GW_20170802 02-Aug-17 ND | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0.0400 J |
| HARRISON-GW_20170915 15-Sep-17 ND ND NA NA NA NA NA NA ND | | | | | | | | | | | | | | | | | - | | | | | | | | | | | 0.0400 J |
| HARRISON-GW_20171019 19-Oct-17 ND | | | | | | | | | | | | | | | + | + | | | | | + | | | | | | | 0.0350 J |
| | | | | | | | | | | _ | | | | | | | | | | | + | | | | | | | 0.0580 J |
| HARRISON-GW-20171114 14-Nov-17 ND | | | HARRISON-GW-20171114 | 14-Nov-17 | | ND | ND | ND | ND | ND | ND | 0.0093 J | ND | ND | ND | | | | 0.0170 J | ND | | | | | ND | ND | | 0.0460 J |

Grey text indicates the parameter was not analyzed or not detected.
All concentrations in µg/L - micrograms per liter
All values in micrograms per liter
D - duplicate sample

J - The result is an estimated value. B - Detected in Blank.

USEPA - Environmental Protection Agency NA - Not Analysed or Not Applicable μg/L - micrograms per liter

ND - Not detected

HA - Health Advisory screening value (EPA 2016)

— - No HA available

Q - The analyte is both B qualified because of blank detection and J qualified because of an additional QC issue.

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| Well Type | Sample Location | Sample ID | Collection Date | 6:2 Fluorotelomer sulfonate (6:2 FTS) | 8:2 Fluorotelomer sulfonate (8:2 FTS) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) | N-Methyl Perfluorooctane Sulfonamide (MEFOSA) | N-Methyl Perfluorooctane Sulfonamidoethanol (MEFOSE) | Perfluorobutanesulfonic acid (PFBS) | Perfluorobutanoic acid (PFBA) | Perfluorodecane sulfonate (PFDS) | Perfluorodecanoic acid (PFDA) | Perfluorododecanoic acid (PFDoA) | Perfluoroheptane sulfonate (PFHpS) | Perfluoroheptanoic acid (PFHpA) | Perfluorohexanesulfonic acid (PFHxS) | Perfluorohexanoic acid (PFHxA) | Perfluorononanoic acid (PFNA) | Perfluorooctane sulfonamide (PFOSA) | Perfluorooctanesulfonic acid (PFOS) | Perfluorooctanoic acid (PFOA) | Perfluoropentanoic acid (PFPeA) | Perfluorotetradecanoic acid (PFTeDA) | Perfluorotridecanoic acid (PFTrDA) | Perfluoroundecanoic acid (PFUnA) | PFOS+PFOA |
|------------|-----------------|-----------------------|-----------------|--|--|---|---|--|--|--|----------------------------------|-------------------------------------|----------------------------------|-------------------------------------|---------------------------------------|------------------------------------|---|--------------------------------|-------------------------------|--|--|----------------------------------|---------------------------------|---|---------------------------------------|-------------------------------------|-----------------------|
| | | USEPA Health Adv | visory (HA): | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.07 | 0.07 | - | - | - | <u> </u> | 0.07 |
| | | HARRISON-GW_20171208 | 08-Dec-17 | ND | ND | ND | ND | ND | ND | ND | 0.0110 J | ND | ND | ND | ND | 0.0110 J | 0.0540 | 0.0150 J | ND | ND | 0.0260 | 0.0150 J | 0.0190 J | ND | ND | ND | 0.0410 J |
| | | HARRISON-GW_20180206 | 06-Feb-18 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0120 J | 0.0700 | 0.0220 | ND | ND | 0.0290 | 0.0190 J | 0.0210 | ND | ND | ND | 0.0480 J |
| | | HARRISON-GW_20180306 | 06-Mar-18 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | | 0.0710 | 0.0220 | ND | ND | 0.0270 | 0.0190 J | 0.0220 | ND | ND | ND | 0.0460 J |
| | | DUP-02-GW_20180423 | 23-Apr-18 | ND | ND | ND | ND | ND | ND | ND | 0.0075 J | ND | ND | ND | ND | 0.0094 J | 0.0790 | 0.0260 | ND | ND | 0.0300 | 0.0220 | 0.0250 | ND | ND | ND | 0.0520 |
| | | HARRISON-GW_20180423 | 23-Apr-18 | ND | ND | ND | ND | ND | ND | ND | 0.0084 J | ND | ND | ND | ND | 0.0095 J | 0.0780 | 0.0250 | ND | ND | 0.0280 | 0.0200 J | 0.0260 | ND | ND | ND | 0.0480 J |
| | | HARRISON-GW_20180516 | 16-May-18 | ND | ND | ND | ND | ND | ND | 0.0093 J | 0.0120 J | ND | ND | ND | ND | 0.0130 J | 0.0770 | 0.0260 | ND | ND | 0.0320 | 0.0210 | 0.0260 | ND | ND | ND | 0.0530 |
| | | HARRISON-GW_20180606 | 06-Jun-18 | ND | ND | ND | ND | ND | ND | ND | 0.0058 J | ND | ND | ND | ND | ND | 0.0710 | 0.0210 | ND | ND | 0.0310 | 0.0190 J | 0.0200 J | ND | ND | ND | 0.0500 J |
| | | HARRISON-GW_20180712 | 12-Jul-18 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0650 | 0.0190 J | ND | ND | 0.0290 | 0.0140 J | 0.0180 J | ND | ND | ND | 0.0430 J |
| | | DUP-08-GW_20180816 | 16-Aug-18 | ND | ND | ND | ND | ND | ND | 0.0071 J | 0.0110 J | ND | ND | ND | ND | 0.0150 J | 0.0820 | 0.0330 | ND | ND | 0.0320 | 0.0230 | 0.0290 | ND | ND | ND | 0.0550 |
| | | HARRISON-GW_20180816 | 16-Aug-18 | ND | ND | ND | ND | ND | ND | 0.0074 J | 0.0110 J | ND | ND | ND | ND | 0.0140 J | 0.0900 | 0.0310 | ND | ND | 0.0340 | 0.0230 | 0.0280 | ND | ND | ND | 0.0570 |
| | = | HARRISON-GW_20180920 | 20-Sep-18 | ND | ND | ND | ND | ND | ND | 0.0090 J | 0.0110 J | ND | ND | ND | ND | 0.0160 J | 0.0890 | 0.0350 | ND | ND | 0.0470 | 0.0280 | 0.0310 | ND | ND | ND | 0.0750 |
| | Well | DUP-09-GW_20181018 | 18-Oct-18 | ND | ND | ND | ND | ND | ND | 0.0083 J | 0.0087 J | ND | ND | ND | ND | 0.0140 J | 0.1100 | 0.0370 | ND | ND | 0.0410 | 0.0260 | 0.0330 | ND | ND | ND | 0.0670 |
| | son | HARRISON-GW_20181018 | 18-Oct-18 | ND | ND | ND | ND | ND | ND | 0.0083 J | 0.0089 J | ND | ND | ND | ND | 0.0140 J | 0.1000 | 0.0370 | ND | ND | 0.0420 | 0.0270 | 0.0320 | ND | ND | ND | 0.0690 |
| | Harriso | HARRISON-GW_20181126 | 26-Nov-18 | ND | ND | ND | ND | ND | ND | 0.0070 J | 0.0130 J | ND | ND | ND | ND | 0.0190 J | 0.1000 | 0.0380 | ND | ND | 0.0450 | 0.0320 | 0.0370 | ND | ND | ND | 0.0770 |
| | Ϋ́ | HARRISON-GW_20181219 | 19-Dec-18 | ND | ND | ND | ND | ND | ND | 0.0066 J | 0.0120 J | ND | ND | ND | ND | 0.0170 J | 0.1100 | 0.0380 | ND | ND | 0.0400 | 0.0290 | 0.0340 | ND | ND | ND | 0.0690 |
| | | HARRISON-GW_20190123 | 23-Jan-19 | ND | ND | ND | ND | ND | ND | ND | 0.0069 J | ND | ND | ND | ND | 0.0120 J | 0.1100 | 0.0380 | ND | ND | 0.0380 | 0.0280 | 0.0330 | ND | ND | ND | 0.0660 |
| | | DUP-11-GW_20190220 | 20-Feb-19 | ND | ND | ND | ND | ND | ND | ND | 0.0086 J | ND | ND | ND | ND | 0.0150 J | 0.1100 | 0.0380 | ND | ND | 0.0470 | 0.0280 | 0.0330 | ND | ND | ND | 0.0750 |
| | | HARRISON-GW_20190220 | 20-Feb-19 | ND | ND | ND | ND | ND | ND | 0.0057 J | 0.0092 J | ND | ND | ND | ND | 0.0160 J | 0.1200 | 0.0370 | ND | ND | 0.0500 | 0.0300 | 0.0330 | ND | ND | ND | 0.0800 |
| Well | | HARRISON-GW_20190320 | 20-Mar-19 | ND | ND | ND | ND | ND | ND | ND | 0.0090 J | ND | ND | ND | ND | 0.0130 J | 0.1200 | 0.0390 | ND | ND | 0.0440 | 0.0320 | 0.0330 | ND | ND | ND | 0.0760 |
| l o | | DUP-29-GW_20190404 | 04-Apr-19 | ND | ND | NA | NA | NA | NA | 0.0060 J | 0.0120 J | NA | NA | NA | ND | 0.0160 J | 0.1100 | 0.0350 | ND | ND | 0.0400 | 0.0320 | 0.0330 | NA | NA | NA | 0.0720 |
| | | HARRISON -GW_20190404 | 04-Apr-19 | ND | ND | ND | ND | ND | ND | 0.0065 J | 0.0110 J | ND | ND | ND | ND | 0.0150 J | 0.0990 | 0.0320 | ND | ND | 0.0380 | 0.0290 | ND | ND | ND | ND | 0.0670 |
| Production | | HARRISON-GW_20190523 | 23-May-19 | ND | ND | ND | ND | ND | ND | ND | 0.0120 J | ND | ND | ND | ND | 0.0160 J | 0.1300 | 0.0440 | ND | ND | 0.0530 | 0.0340 | 0.0380 | ND | ND | ND | 0.0870 |
| - | | HARRISON-GW_20190612 | 12-Jun-19 | ND | ND | ND | ND | ND | ND | 0.0077 J | 0.0130 J | ND | ND | ND | ND | 0.0170 J | 0.1200 | 0.0390 | ND | ND | 0.0470 | 0.0340 | 0.0350 | ND | ND | ND | 0.0810 |
| | | HARRISON-GW_20190716 | 16-Jul-19 | ND | ND | ND | ND | ND | ND | 0.0083 J | 0.0130 J | ND | ND | ND | ND | 0.0180 J | 0.1400 | 0.0450 | ND | ND | 0.0540 | 0.0380 | 0.0390 | ND | ND | ND | 0.0920 |
| | | HARRISON-GW_20190814 | 14-Aug-19 | ND | ND | ND | ND | ND | ND | 0.0054 J | 0.0110 J | ND | ND | ND | ND | 0.0150 J | 0.1200 J | 0.0370 J | ND | ND | 0.0520 J | 0.0340 J | 0.0340 J | ND | ND | ND | <mark>0.0860</mark> J |
| | | Smith-06182014 | 18-Jun-14 | NA | NA | NA | NA | NA | NA | ND | ND | ND | ND | ND | NA | ND | 0.0110 J | ND | ND | ND | 0.0095 J | ND | 0.0042 J | ND | ND | ND | 0.0095 J |
| | | SMITH-06252014 | 25-Jun-14 | NA | NA | NA | NA | NA | NA | ND | ND | ND | ND | ND | NA | ND | 0.0100 J | ND | ND | ND | 0.0073 J | ND | ND | ND | ND | ND | 0.0073 J |
| | | SMITH-07022014 | 02-Jul-14 | NA | NA | NA | NA | NA | NA | ND | 0.0058 J | ND | ND | ND | NA | ND | 0.0098 J | 0.0030 J | ND | 0.0026 J | 0.0120 J | ND | 0.0033 J | ND | ND | ND | 0.0120 J |
| | | DW-DUP-07092014 (D) | 09-Jul-14 | NA | NA | NA | NA | NA | NA | ND | ND | ND | ND | ND | NA | ND | 0.0061 J | ND | ND | ND | 0.0043 J | ND | ND | ND | ND | ND | 0.0043 J |
| | | SMITH-07092014 | 09-Jul-14 | NA | NA | NA | NA | NA | NA | ND | ND | ND | ND | ND | NA | ND | 0.0062 J | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | _ | SMITH-07162014 | 16-Jul-14 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | - | 0.0140 J | ND | ND | ND | 0.0069 J | ND | ND | ND | ND | ND | 0.0069 J |
| | Well | SMITH_07242014 | 24-Jul-14 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | | 0.0067 J | ND | ND | | 0.0080 J | ND | ND | ND | ND | | 0.0080 J |
| | | SMITH_08062014 | 06-Aug-14 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0082 J | ND | ND | ND | 0.0072 J | ND | ND | ND | ND | ND | 0.0072 J |
| | Smith | SMITH_08212014 | 21-Aug-14 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | | 0.0083 J | ND | ND | | 0.0068 J | ND | ND | ND | ND | ND | 0.0068 J |
| | Ø | SMITH_09042014 | 04-Sep-14 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | | 0.0110 J | ND | ND | ND | 0.0089 J | ND | ND | ND | ND | ND | 0.0089 J |
| | | SMITH_09172014 | 17-Sep-14 | ND | ND | ND | 0.0034 J | ND | 0.0059 J | ND | ND | ND | ND | ND | ND | | 0.0130 J | ND | ND | ND | 0.0078 J | ND | ND | ND | ND | ND | 0.0078 J |
| | | SMITH_09242014 | 24-Sep-14 | ND | ND | ND | ND | ND | ND | ND | 0.0026 J | ND | ND | ND | ND | | 0.0130 J | | ND | | 0.0061 J | ND | 0.0044 J | ND | ND | | 0.0061 J |
| | | SMITH_10012014 | 01-Oct-14 | ND | ND | ND | 0.0029 B | ND | ND | ND | ND | ND | ND | ND | ND | | 0.0110 J | ND | ND | | 0.0100 J | ND | 0.0031 J | ND | ND | | 0.0100 J |
| | | SMITH_10082014 | 08-Oct-14 | ND | ND | ND | ND | ND | ND | 0.0053 J | 0.0070 B | ND | ND | ND | ND | ND | | 0.0043 J | ND | ND | 0.0140 J | 0.0053 J | 0.0052 J | ND | ND | ND | 0.0193 J |
| | | SMITH_10162014 | 16-Oct-14 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | | 0.0130 J | | ND | | 0.0110 J | ND | 0.0067 J | ND | ND | ND | 0.0110 J |

Grey text indicates the parameter was not analyzed or not detected.
All concentrations in µg/L - micrograms per liter
All values in micrograms per liter
D - duplicate sample

J - The result is an estimated value.

B - Detected in Blank.

USEPA - Environmental Protection Agency NA - Not Analysed or Not Applicable μg/L - micrograms per liter

ND - Not detected

HA - Health Advisory screening value (EPA 2016)

— - No HA available

Q - The analyte is both B qualified because of blank detection and J qualified because of an additional QC issue.

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| Well Type | Sample Location | Sample ID | Collection Date | 6:2 Fluorotelomer sulfonate (6:2 FTS) | 8:2 Fluorotelomer sulfonate (8:2 FTS) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) | N-Methyl Perfluorooctane Sulfonamide (MEFOSA) | N-Methyl Perfluorooctane Sulfonamidoethanol (MEFOSE) | Perfluorobutanesulfonic acid (PFBS) | Perfluorobutanoic acid (PFBA) | Perfluorodecane sulfonate (PFDS) | Perfluorodecanoic acid (PFDA) | Perfluorododecanoic acid (PFDoA) | Perfluoroheptane sulfonate (PFHpS) | Perfluoroheptanoic acid (PFHpA) | Perfluorohexanesulfonic acid (PFHxS) | Perfluorohexanoic acid (PFHxA) | Perfluorononanoic acid (PFNA) | Perfluorooctane sulfonamide (PFOSA) | Perfluorooctanesulfonic acid (PFOS) | Perfluorooctanoic acid (PFOA) | Perfluoropentanoic acid (PFPeA) | Perfluorotetradecanoic acid (PFTeDA) | Perfluorotridecanoic acid (PFTrDA) | Perfluoroundecanoic acid (PFUnA) | PFOS+PFOA |
|------------|-----------------|------------------|-----------------|--|--|---|---|--|--|--|----------------------------------|----------------------------------|----------------------------------|-------------------------------------|---------------------------------------|------------------------------------|---|-----------------------------------|--|--|---|----------------------------------|------------------------------------|---|---------------------------------------|-------------------------------------|-----------|
| | | USEPA Health Adv | isory (HA): | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.07 | 0.07 | - | - | - | - | 0.07 |
| | | SMITH_10222014 | 22-Oct-14 | ND | ND | ND | ND | ND | ND | ND | 0.0029 J | ND | ND | ND | ND | ND | 0.0130 J | ND | ND | ND | 0.0130 J | ND | ND | ND | ND | ND | 0.0130 J |
| | | SMITH_10292014 | 29-Oct-14 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0120 J | ND | ND | ND | 0.0110 J | ND | 0.0051 J | ND | ND | ND | 0.0110 J |
| | | SMITH_11062014 | 06-Nov-14 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0120 J | ND | ND | ND | 0.0130 J | ND | 0.0037 J | ND | ND | ND | 0.0130 J |
| | | SMITH_11122014 | 12-Nov-14 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0081 J | ND | ND | ND | 0.0077 J | ND | ND | ND | ND | ND | 0.0077 J |
| | | SMITH _11192014 | 19-Nov-14 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0087 J | 0.0028 J | ND | ND | 0.0110 J | ND | ND | ND | ND | ND | 0.0110 J |
| | | SMITH_11242014 | 24-Nov-14 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0100 J | ND | ND | ND | 0.0110 J | ND | ND | ND | ND | ND | 0.0110 J |
| | | SMITH_12042014 | 04-Dec-14 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0091 J | ND | ND | ND | 0.0060 J | ND | ND | ND | ND | ND | 0.0060 J |
| | | SMITH_12122014 | 12-Dec-14 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0100 J | ND | ND | ND | 0.0110 J | ND | ND | ND | ND | ND | 0.0110 J |
| | | SMITH_12162014 | 16-Dec-14 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0078 J | ND | ND | ND | 0.0092 J | ND | 0.0029 J | ND | ND | ND | 0.0092 J |
| | | SMITH_12222014 | 22-Dec-14 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0066 J | ND | ND | ND | 0.0072 J | ND | ND | ND | ND | ND | 0.0072 J |
| | | SMITH_12302014 | 30-Dec-14 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0110 J | ND | ND | ND | 0.0110 J | ND | 0.0033 J | ND | ND | ND | 0.0110 J |
| | | SMITH_01052015 | 05-Jan-15 | ND | ND | ND | ND | ND | ND | ND | 0.0047 B | ND | ND | ND | 0.0059 J | ND | 0.0110 J | 0.0038 J | ND | ND | 0.0110 J | ND | 0.0048 J | ND | ND | ND | 0.0110 J |
| | | SMITH_01132015 | 13-Jan-15 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0130 J | 0.0054 J | ND | ND | 0.0140 J | 0.0055 J | 0.0047 J | ND | ND | ND | 0.0195 J |
| | | SMITH_01212015 | 21-Jan-15 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0110 J | ND | ND | ND | 0.0096 J | ND | 0.0046 J | ND | ND | ND | 0.0096 J |
| | | SMITH_01262015 | 26-Jan-15 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0097 J | ND | ND | ND | 0.0120 J | ND | 0.0035 J | ND | ND | ND | 0.0120 J |
| | | SMITH_02042015 | 04-Feb-15 | ND | ND | ND | ND | ND | ND | ND | 0.0028 J | ND | ND | ND | ND | ND | 0.0120 J | 0.0041 J | ND | ND | 0.0120 J | ND | 0.0073 J | ND | ND | 0.0053 J | 0.0120 J |
| | | SMITH 02192015 | 19-Feb-15 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0056 J | ND | 0.0130 B | 0.0055 J | 0.0066 J | 0.0055 J | 0.0140 J | 0.0042 J | 0.0081 J | ND | ND | ND | 0.0182 J |
| = | | SMITH 02252015 | 25-Feb-15 | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0038 J | ND | ND | ND | 0.0092 J | ND | ND | | 0.0080 J | ND | 0.0057 J | ND | ND | ND | 0.0080 J |
| Well | = | SMITH_03062015 | 06-Mar-15 | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0035 J | ND | ND | ND | 0.0098 J | ND | 0.0043 J | ND | 0.0093 J | ND | 0.0036 J | ND | ND | ND | 0.0093 J |
| l G | Well | SMITH_03112015 | 11-Mar-15 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0082 J | ND | ND | ND | 0.0089 J | ND | ND | ND | ND | ND | 0.0089 J |
| Production | Smith | SMITH_03172015 | 17-Mar-15 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | | 0.0032 J | ND | ND | 0.0120 J | ND | ND | ND | ND | ND | 0.0120 J |
| J pc | Sm | SMITH_03262015 | 26-Mar-15 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0097 J | 0.0036 J | ND | ND | 0.0120 J | ND | 0.0037 J | ND | ND | ND | 0.0120 J |
| ٦ | | SMITH_04022015 | 02-Apr-15 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0082 J | ND | ND | ND | 0.0065 J | ND | 0.0050 B | ND | ND | ND | 0.0065 J |
| | | SMITH_04092015 | 09-Apr-15 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0068 J | ND | ND | | 0.0084 J | ND | ND | ND | ND | ND | 0.0084 J |
| | | SMITH_04162015 | 16-Apr-15 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0110 J | ND | ND | ND | 0.0110 J | ND | 0.0052 J | ND | ND | ND | 0.0110 J |
| | | SMITH_04232015 | 23-Apr-15 | ND | ND | ND | 0.0049 B | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0089 J | ND | ND | | | ND | ND | ND | ND | ND | 0.0096 J |
| | | SMITH_04302015 | 30-Apr-15 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0045 J | ND | | 0.0038 J | ND | ND | 0.0120 J | ND | ND | ND | ND | ND | 0.0120 J |
| | | | 07-May-15 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0090 J | 0.0033 J | ND | ND | 0.0120 J | ND | 0.0058 J | ND | ND | ND | 0.0120 J |
| | | | 15-May-15 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0097 J | ND | ND | ND | 0.0098 J | ND | ND | ND | ND | ND | 0.0098 J |
| | | 1 | 21-May-15 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | | 0.0097 J | ND | ND | | 0.0098 J | ND | ND | ND | ND | ND | 0.0098 J |
| | | | 27-May-15 | | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | | 0.0093 J | ND | ND | ND | 0.0009 J | ND | ND | ND | ND | ND | 0.0009 J |
| | | | 03-Jun-15 | | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0093 J | ND | ND | | 0.0095 J | ND | 0.0040 J | ND | ND | ND | 0.0110 J |
| | | | | | | | _ | | | | | | | | | | | | | | ł — — — — — — — — — — — — — — — — — — — | | - | | | | |
| | | SMITH_06122015 | 12-Jun-15 | ND | ND | ND | ND | ND | ND ND | ND | ND | ND | ND | ND | ND | | 0.0085 J | ND 0.0028 L | ND ND | ND | 0.0110 J | ND | ND | ND | ND ND | ND ND | 0.0110 J |
| | | SMITH_06162015 | 16-Jun-15 | | ND | ND | ND | ND | | ND | ND | ND | ND | ND | ND | | | 0.0028 J | | | 0.0095 J | ND | ND | ND | | | 0.0095 J |
| | | | 24-Jun-15 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0083 J | ND | ND | ND | 0.0090 J | ND | ND 0.0044 I | ND | ND | ND | 0.0090 J |
| | | | 30-Jun-15 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0097 J | ND | ND | ND | 0.0071 J | ND | 0.0044 J | ND | ND | ND | 0.0071 J |
| | | SMITH_07082015 | 08-Jul-15 | ND | ND | ND | ND | ND | ND | ND | 0.0033 J | ND | ND | ND | ND | ND | 0.0092 J | ND | ND | | 0.0130 J | ND | 0.0044 J | ND | ND | ND | 0.0130 J |
| | | SMITH_07162015 | 16-Jul-15 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | | 0.0100 J | ND | ND | ND | 0.0110 J | ND | ND | ND | ND | ND | 0.0110 J |
| | | SMITH_07212015 | 21-Jul-15 | ND | ND | ND | ND | ND | ND | ND | 0.0031 J | ND | ND | ND | ND | | 0.0120 J | ND | ND | | 0.0081 J | ND | ND | ND | ND | ND | 0.0081 J |
| | | SMITH_07312015 | 31-Jul-15 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0100 J | ND | ND | ND | 0.0110 J | ND | ND | ND | ND | ND | 0.0110 J |

Grey text indicates the parameter was not analyzed or not detected.
All concentrations in µg/L - micrograms per liter
All values in micrograms per liter
D - duplicate sample

J - The result is an estimated value.

B - Detected in Blank.

USEPA - Environmental Protection Agency NA - Not Analysed or Not Applicable μg/L - micrograms per liter

ND - Not detected

HA - Health Advisory screening value (EPA 2016)

— - No HA available

Q - The analyte is both B qualified because of blank detection and J qualified because of an additional QC issue.

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| Well Type | Sample Location | Sample ID | Collection Date | 6:2 Fluorotelomer sulfonate (6:2 FTS) | 8:2 Fluorotelomer sulfonate (8:2 FTS) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) | N-Methyl Perfluorooctane Sulfonamide (MEFOSA) | N-Methyl Perfluorooctane Sulfonamidoethanol (MEFOSE) | Perfluorobutanesulfonic acid (PFBS) | Perfluorobutanoic acid (PFBA) | Perfluorodecane sulfonate (PFDS) | Perfluorodecanoic acid (PFDA) | Perfluorododecanoic acid (PFDoA) | Perfluoroheptane sulfonate (PFHpS) | Perfluoroheptanoic acid (PFHpA) | Perfluorohexanesulfonic acid (PFHxS) | Perfluorohexanoic acid (PFHxA) | Perfluorononanoic acid (PFNA) | Perfluorooctane sulfonamide (PFOSA) | Perfluorooctanesulfonic acid (PFOS) | Perfluorooctanoic acid (PFOA) | Perfluoropentanoic acid (PFPeA) | Perfluorotetradecanoic acid (PFTeDA) | Perfluorotridecanoic acid (PFTrDA) | Perfluoroundecanoic acid (PFUnA) | PFOS+PFOA |
|------------|-----------------|------------------|-----------------|--|--|---|---|--|--|--|----------------------------------|----------------------------------|----------------------------------|-------------------------------------|---------------------------------------|------------------------------------|---|--------------------------------|----------------------------------|--|--|----------------------------------|---------------------------------|---|---------------------------------------|-------------------------------------|-----------|
| | | USEPA Health Adv | visory (HA): | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.07 | 0.07 | - | - | - | <u> </u> | 0.07 |
| | | SMITH_08052015 | 05-Aug-15 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0077 J | ND | ND | ND | 0.0062 J | ND | ND | ND | ND | ND | 0.0062 J |
| | | SMITH_08112015 | 11-Aug-15 | ND | ND | ND | ND | ND | ND | 0.0048 J | 0.0065 J | ND | ND | ND | ND | ND | 0.0170 J | 0.0046 J | 0.0058 J | ND | 0.0150 J | ND | 0.0076 J | ND | ND | ND | 0.0150 J |
| | | SMITH_08182015 | 18-Aug-15 | ND | ND | ND | ND | ND | ND | 0.0049 J | 0.0065 J | ND | ND | ND | ND | ND | 0.0150 J | 0.0054 J | ND | ND | 0.0130 B | ND | 0.0082 J | ND | ND | ND | 0.0130 B |
| | | SMITH_08262015 | 26-Aug-15 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0046 J | ND | 0.0160 J | 0.0051 J | ND | ND | 0.0130 J | ND | 0.0050 J | ND | ND | ND | 0.0130 J |
| | | SMITH_09092015 | 09-Sep-15 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0130 J | ND | ND | ND | 0.0094 J | ND | 0.0052 J | ND | ND | ND | 0.0094 J |
| | | SMITH_09162015 | 16-Sep-15 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0160 J | ND | ND | ND | 0.0073 J | ND | ND | ND | ND | ND | 0.0073 J |
| | | SMITH_09232015 | 23-Sep-15 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0063 J | ND | 0.0110 J | 0.0062 J | ND | ND | 0.0096 B | ND | 0.0093 J | ND | ND | ND | 0.0096 B |
| | | SMITH_09292015 | 29-Sep-15 | ND | ND | ND | ND | ND | ND | ND | 0.0065 J | ND | ND | ND | 0.0050 B | ND | 0.0310 | 0.0100 J | ND | ND | 0.0260 | 0.0067 J | ND | ND | ND | ND | 0.0327 J |
| | | SMITH_10072015 | 07-Oct-15 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0130 J | ND | ND | ND | 0.0120 J | ND | ND | ND | ND | ND | 0.0120 J |
| | | SMITH_10132015 | 13-Oct-15 | 0.0096 B | ND | ND | ND | ND | ND | 0.0078 B | 0.0070 J | ND | ND | ND | 0.0071 B | ND | 0.0170 B | | ND | ND | 0.0120 B | 0.0047 J | 0.0091 B | ND | ND | ND | 0.0167 B |
| | | SMITH_10202015 | 20-Oct-15 | ND | ND | ND | ND | ND | ND | 0.0057 B | ND | ND | ND | ND | 0.0059 B | ND | 0.0150 J | 0.0065 J | ND | ND | 0.0096 J | ND | ND | ND | ND | ND | 0.0096 J |
| | | SMITH_10272015 | 27-Oct-15 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0130 J | 0.0049 J | ND | ND | 0.0079 J | ND | ND | ND | ND | ND | 0.0079 J |
| | | SMITH_11042015 | 04-Nov-15 | ND | ND | ND | ND | ND | ND | 0.0062 J | ND | ND | ND | ND | ND | ND | 0.0140 J | ND | ND | ND | 0.0091 J | ND | ND | ND | ND | ND | 0.0091 J |
| | | SMITH_11122015 | 12-Nov-15 | ND | ND | ND | ND | ND | ND | ND | 0.0077 J | ND | ND | ND | ND | ND | 0.0130 J | 0.0066 J | ND | ND | 0.0110 J | ND | ND | ND | ND | ND | 0.0110 J |
| | | SMITH_11182015 | 18-Nov-15 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0150 J | 0.0053 J | ND | ND | 0.0130 J | 0.0079 J | ND | ND | ND | ND | 0.0209 J |
| | | SMITH_11242015 | 24-Nov-15 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0140 J | 0.0067 J | ND | ND | 0.0120 B | 0.0057 J | 0.0065 J | ND | ND | ND | 0.0177 B |
| | | SMITH_12012015 | 01-Dec-15 | ND | ND | ND | ND | ND | ND | ND | 0.0100 J | ND | ND | ND | ND | ND | 0.0170 J | 0.0069 J | ND | ND | 0.0120 J | ND | ND | ND | ND | ND | 0.0120 J |
| ≡ | | SMITH_12082015 | 08-Dec-15 | ND | ND | ND | ND | ND | ND | 0.0070 J | 0.0096 J | ND | ND | ND | 0.0099 J | 0.0082 J | 0.0190 B | 0.0064 J | 0.0057 J | ND | 0.0170 B | 0.0073 J | 0.0056 J | ND | ND | ND | 0.0243 B |
| ĬŠ | Well | SMITH_12162015 | 16-Dec-15 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0120 J | ND | ND | ND | 0.0110 J | ND | ND | ND | ND | ND | 0.0110 J |
| Production | > | SMITH_12222015 | 22-Dec-15 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0150 J | ND | ND | ND | 0.0110 J | ND | ND | ND | ND | ND | 0.0110 J |
| l to | Smith | SMITH_12302015 | 30-Dec-15 | ND | ND | ND | ND | ND | ND | ND | 0.0072 J | ND | ND | ND | ND | ND | 0.0130 J | 0.0052 J | ND | ND | 0.0099 J | ND | ND | ND | ND | ND | 0.0099 J |
| 0 | S | SMITH_01062016 | 06-Jan-16 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0120 B | ND | ND | ND | 0.0098 J | ND | 0.0060 J | ND | ND | ND | 0.0098 J |
| _ | | SMITH_01122016 | 12-Jan-16 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0045 J | ND | 0.0130 B | ND | ND | ND | 0.0100 B | ND | 0.0050 J | ND | ND | ND | 0.0100 B |
| | | SMITH_01192016 | 19-Jan-16 | ND | ND | ND | ND | ND | ND | 0.0049 J | ND | ND | ND | ND | ND | ND | 0.0120 J | ND | ND | ND | 0.0120 B | ND | ND | ND | ND | ND | 0.0120 B |
| | | SMITH_01262016 | 26-Jan-16 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0130 B | ND | ND | ND | 0.0093 J | ND | ND | ND | ND | ND | 0.0093 J |
| | | SMITH_02022016 | 02-Feb-16 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0110 B | 0.0093 B | ND | ND | 0.0110 J | ND | 0.0052 J | ND | ND | ND | 0.0110 J |
| | | SMITH_02092016 | 09-Feb-16 | ND | ND | ND | 0.0078 J | ND | ND | ND | 0.0074 J | ND | ND | ND | ND | 0.0062 J | 0.0160 B | 0.0065 J | ND | ND | 0.0120 B | 0.0065 J | 0.0072 J | ND | ND | ND | 0.0185 B |
| | | SMITH_02162016 | 16-Feb-16 | ND | ND | ND | ND | ND | ND | 0.0090 J | ND | ND | ND | ND | 0.0080 J | ND | 0.0150 B | 0.0049 J | ND | ND | 0.0110 B | ND | 0.0080 J | ND | ND | ND | 0.0110 B |
| | | SMITH_02232016 | 23-Feb-16 | ND | ND | ND | ND | ND | ND | 0.0071 J | ND | ND | ND | ND | ND | ND | 0.0170 B | 0.0065 J | ND | ND | 0.0120 B | ND | ND | ND | ND | ND | 0.0120 B |
| | | SMITH_03012016 | 01-Mar-16 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0170 J | ND | ND | ND | 0.0160 J | 0.0110 J | ND | ND | ND | ND | 0.0270 J |
| | | SMITH_03082016 | 08-Mar-16 | ND | ND | ND | ND | ND | ND | 0.0100 J | ND | ND | ND | ND | ND | 0.0052 J | 0.0170 J | 0.0076 J | ND | ND | 0.0150 J | 0.0071 J | 0.0064 J | ND | ND | ND | 0.0221 J |
| | | SMITH_03152016 | 15-Mar-16 | ND | ND | 0.0075 J | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0050 J | 0.0130 B | 0.0054 J | ND | ND | 0.0130 B | 0.0078 J | 0.0100 J | ND | ND | ND | 0.0208 B |
| | | SMITH_03222016 | 22-Mar-16 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0120 J | 0.0047 J | ND | ND | 0.0078 B | ND | 0.0061 J | ND | ND | ND | 0.0078 B |
| | | SMITH_03292016 | 29-Mar-16 | ND | ND | ND | ND | ND | ND | 0.0050 J | 0.0077 J | ND | ND | ND | ND | ND | 0.0130 B | ND | ND | ND | 0.0085 J | ND | 0.0077 J | ND | ND | ND | 0.0085 J |
| | | DUP_04052016 | 05-Apr-16 | ND | ND | ND | ND | ND | ND | 0.0057 J | ND | ND | ND | ND | ND | ND | 0.0150 J | ND | ND | ND | 0.0090 J | ND | ND | ND | ND | ND | 0.0090 J |
| | | SMITH_04052016 | 05-Apr-16 | ND | ND | ND | ND | ND | ND | 0.0058 J | ND | ND | ND | ND | ND | ND | 0.0140 J | ND | ND | ND | 0.0085 J | ND | ND | ND | ND | ND | 0.0085 J |
| | | SMITH-04122016 | 12-Apr-16 | ND | ND | NA | NA | NA | NA | ND | ND | NA | NA | NA | ND | ND | 0.0150 B | 0.0081 B | ND | ND | 0.0120 B | 0.0057 J | ND | NA | NA | NA | 0.0177 B |
| | | SMITH-04192016 | 19-Apr-16 | ND | ND | NA | NA | NA | NA | ND | ND | NA | NA | NA | ND | ND | 0.0130 J | 0.0061 J | ND | ND | 0.0120 J | 0.0055 J | ND | NA | NA | NA | 0.0175 J |
| | | SMITH-04262016 | 26-Apr-16 | ND | ND | NA | NA | NA | NA | ND | ND | NA | NA | NA | ND | 0.0047 J | 0.0150 J | 0.0057 J | ND | ND | 0.0130 J | ND | 0.0099 J | NA | NA | NA | 0.0130 J |
| | | | 03-May-16 | ND | ND | NA | NA | NA | NA | 0.0088 J | ND | NA | NA | NA | ND | ND | 0.0140 J | ND | ND | ND | 0.0120 J | ND | 0.0100 J | NA | NA | NA | 0.0120 J |

Grey text indicates the parameter was not analyzed or not detected.
All concentrations in µg/L - micrograms per liter
All values in micrograms per liter
D - duplicate sample

J - The result is an estimated value.

B - Detected in Blank.

USEPA - Environmental Protection Agency NA - Not Analysed or Not Applicable μg/L - micrograms per liter

ND - Not detected

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— - No HA available

Q - The analyte is both B qualified because of blank detection and J qualified because of an additional QC issue.

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| Well Type | Sample Location | Sample ID | Collection Date | 6:2 Fluorotelomer sulfonate (6:2 FTS) | 8:2 Fluorotelomer sulfonate (8:2 FTS) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) | N-Methyl Perfluorooctane Sulfonamide (MEFOSA) | N-Methyl Perfluorooctane Sulfonamidoethanol (MEFOSE) | Perfluorobutanesulfonic acid (PFBS) | Perfluorobutanoic acid (PFBA) | Perfluorodecane sulfonate (PFDS) | Perfluorodecanoic acid (PFDA) | Perfluorododecanoic acid (PFDoA) | Perfluoroheptane sulfonate (PFHpS) | Perfluoroheptanoic acid (PFHpA) | Perfluorohexanesulfonic acid (PFHxS) | Perfluorohexanoic acid (PFHxA) | Perfluorononanoic acid (PFNA) | Perfluorooctane sulfonamide (PFOSA) | Perfluorooctanesulfonic acid (PFOS) | Perfluorooctanoic acid (PFOA) | Perfluoropentanoic acid (PFPeA) | Perfluorotetradecanoic acid (PFTeDA) | Perfluorotridecanoic acid (PFTrDA) | Perfluoroundecanoic acid (PFUnA) | PFOS+PFOA |
|------------|-----------------|--|------------------------|--|--|---|---|--|--|--|----------------------------------|----------------------------------|----------------------------------|-------------------------------------|---------------------------------------|------------------------------------|---|-----------------------------------|----------------------------------|--|---|----------------------------------|------------------------------------|---|---------------------------------------|-------------------------------------|----------------------|
| | | USEPA Health Adv | visory (HA): | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.07 | 0.07 | - | - | - | | 0.07 |
| | | SMITH_05102016 | 10-May-16 | ND | ND | NA | NA | NA | NA | 0.0070 J | 0.0087 J | NA | NA | NA | ND | 0.0078 J | 0.0170 J | 0.0054 J | ND | ND | 0.0140 J | 0.0070 J | 0.0082 J | NA | NA | NA | 0.0210 J |
| | | SMITH_05172016 | 17-May-16 | ND | ND | NA | NA | NA | NA | 0.0046 J | ND | NA | NA | NA | ND | ND | 0.0150 J | ND | ND | ND | 0.0110 J | ND | 0.0066 J | NA | NA | NA | 0.0110 J |
| | | SMITH-GW_20160526 | 26-May-16 | ND | ND | NA | NA | NA | NA | 0.0050 J | 0.0074 J | NA | NA | NA | ND | ND | 0.0150 J | ND | ND | ND | 0.0100 J | ND | 0.0054 J | NA | NA | NA | 0.0100 J |
| | | SMITH-GW_20160531 | 31-May-16 | ND | ND | NA | NA | NA | NA | 0.0061 J | ND | NA | NA | NA | ND | ND | 0.0130 J | 0.0056 J | ND | ND | 0.0110 J | 0.0054 J | 0.0043 J | NA | NA | NA | 0.0164 J |
| | | SMITH-GW-20160609 | 09-Jun-16 | ND | ND | NA | NA | NA | NA | ND | 0.0074 J | NA | NA | NA | ND | 0.0056 J | 0.0110 J | 0.0064 J | ND | ND | 0.0130 J | 0.0055 J | 0.0050 J | NA | NA | NA | 0.0185 J |
| | | SMITH-GW_06162016 | 16-Jun-16 | ND | ND | NA | NA | NA | NA | ND | ND | NA | NA | NA | ND | ND | 0.0120 J | ND | ND | ND | 0.0120 J | ND | ND | NA | NA | NA | 0.0120 J |
| | | SMITH-GW_20160623 | 23-Jun-16 | ND | ND | NA | NA | NA | NA | 0.0027 J | ND | NA | NA | NA | ND | ND | 0.0140 J | 0.0054 J | ND | ND | 0.0120 J | ND | 0.0056 J | NA | NA | NA | 0.0120 J |
| | | SMITH-GW_06272016 | 27-Jun-16 | ND | ND | NA | NA | NA | NA | 0.0071 J | 0.0098 J | NA | NA | NA | 0.0052 J | 0.0060 J | 0.0150 J | 0.0080 J | ND | ND | 0.0150 J | 0.0069 J | 0.0081 J | NA | NA | NA | 0.0219 J |
| | | SMITH-GW-20160707 | 07-Jul-16 | ND | ND | NA | NA | NA | NA | ND | ND | NA | NA | NA | ND | ND | 0.0100 J | 0.0049 J | ND | ND | 0.0076 J | ND | ND | NA | NA | NA | 0.0076 J |
| | | SMITH-GW-20160712 | 12-Jul-16 | ND | ND | NA | NA | NA | NA | ND | ND | NA | NA | NA | ND | ND | 0.0130 J | 0.0061 J | ND | ND | 0.0088 J | ND | ND | NA | NA | NA | 0.0088 J |
| | | SMITH-GW_20160719 | 19-Jul-16 | ND | ND | NA | NA | NA | NA | ND | ND | NA | NA | NA | ND | ND | 0.0160 J | ND | ND | ND | 0.0120 J | ND | 0.0059 J | NA | NA | NA | 0.0120 J |
| | | SMITH-GW_20160728 | 28-Jul-16 | ND | ND | NA | NA | NA | NA | ND | ND | NA | NA | NA | ND | ND | 0.0110 J | ND | ND | ND | 0.0120 J | ND | 0.0060 J | NA | NA | NA | 0.0120 J |
| | | SMITH-GW_20160802 | 02-Aug-16 | ND | ND | NA | NA | NA | NA | 0.0041 J | ND | NA | NA | NA | ND | ND | 0.0140 J | 0.0061 J | ND | ND | | 0.0058 J | 0.0074 J | NA | NA | NA | 0.0168 J |
| | | SMITH-GW_20160809 | 09-Aug-16 | ND | ND | NA | NA | NA | NA | 0.0057 J | ND | NA | NA | NA | ND | 0.0058 J | 0.0140 J | 0.0063 J | ND | ND | 0.0130 J | 0.0060 J | 0.0079 J | NA | NA | NA | 0.0190 J |
| | | SMITH-GW_20160815 | 15-Aug-16 | ND | ND | NA | NA | NA | NA | 0.0048 J | ND | NA | NA | NA | ND | ND | 0.0130 J | 0.0048 J | ND | ND | 0.0110 J | ND | 0.0073 J | NA | NA | NA | 0.0110 J |
| | | SMITH-GW_20160823 | 23-Aug-16 | ND | ND | NA | NA | NA | NA | ND | ND | NA | NA | NA | ND | ND | 0.0120 J | ND | ND | ND | 0.0087 J | ND | 0.0045 J | NA | NA | NA | 0.0087 J |
| | | SMITH-GW_20160830 | 30-Aug-16 | ND | ND | NA | NA | NA | NA | ND | ND | NA | NA | NA | ND | ND | | 0.0059 J | ND | ND | 0.0110 J | ND | ND | NA | NA | NA | 0.0110 J |
| = | | SMITH-GW_20160906 | 06-Sep-16 | ND | 0.0063 J | NA | NA | NA | NA | 0.0045 J | ND | NA | NA | NA | 0.0057 J | ND | 0.0150 J | 0.0086 J | ND | ND | 0.0180 J | 0.0062 J | 0.0089 J | NA | NA | NA | 0.0242 J |
| Ve | = | SMITH-GW_20160919 | 19-Sep-16 | ND | ND | NA | NA | NA | NA | 0.0072 J | 0.0067 J | NA | NA | NA | ND | | | 0.0053 J | ND | | | | 0.0074 J | NA | NA | NA | 0.0189 J |
| ĺź | Well | SMITH-GW_20160926 | 26-Sep-16 | ND | ND | NA | NA | NA | NA | 0.0029 J | ND | NA | NA | NA | 0.0036 J | ND | | 0.0050 J | ND | ND | 0.0100 J | ND | 0.0080 J | NA | NA | NA | 0.0100 J |
| Production | Smith | SMITH-GW_20161019 | 19-Oct-16 | ND | ND | NA | NA | NA | NA | 0.0035 J | ND | NA | NA | NA | ND | ND | 0.0130 J | ND | ND | ND | 0.0096 J | ND | 0.0045 J | NA | NA | NA | 0.0096 J |
| l g | Sm | SMITH-GW_20161117 | 17-Nov-16 | ND | ND | NA | NA | NA | NA | 0.0020 J | ND | NA | NA | NA | ND | ND | 0.0140 J | ND | ND | | 0.0110 J | ND | 0.0075 J | NA | NA | NA | 0.0110 J |
| ٦ | | DUP_GW_20161214 | 14-Dec-16 | ND | ND | NA | NA | NA | NA | 0.0055 J | ND | NA | NA | NA | ND | ND | | 0.0057 J | ND | ND | 0.0120 J | ND | 0.0060 J | NA | NA | NA | 0.0120 J |
| | | SMITH_GW_20161214 | 14-Dec-16 | ND | ND | NA | NA | NA | NA | ND | ND | NA | NA | NA | ND | ND | 0.0150 J | 0.0065 J | ND | ND | 0.0120 J | ND | 0.0059 J | NA | NA | NA | 0.0120 J |
| | | SMITH-GW 20170111 | 11-Jan-17 | ND | ND | NA | NA | NA | NA | 0.0082 J | ND | NA | NA | NA | ND | | | 0.0100 J | ND | | 0.0120 J | ND | 0.0079 J | NA | NA | NA | 0.0120 J |
| | | SMITH-GW_20170217 | 17-Feb-17 | ND | ND | NA | NA | NA | NA | ND | ND | NA | NA | NA | ND | ND | 0.0100 J | ND | ND | ND | 0.0130 J | ND | 0.0066 J | NA | NA | NA | 0.0130 J |
| | | SMITH-GW_20170323 | 23-Mar-17 | ND | ND | NA | NA | NA | NA | ND | ND | NA | NA | NA | ND | ND | 0.0093 J | ND | ND | ND | 0.0072 J | ND | ND | NA | NA | NA | 0.0072 J |
| | | SMITH-GW_20170419 | 19-Apr-17 | ND | ND | NA | NA | NA | NA | ND | ND | NA | NA | NA | ND | ND | 0.0150 J | ND | ND | ND | 0.0120 J | ND | 0.0072 J | NA | NA | NA | 0.0120 J |
| | | DUP-02-GW 20170516 | 16-May-17 | | ND | NA | NA | NA | NA | ND | ND | NA | NA | NA | ND | | 0.0160 J | ND | ND | | | 0.0066 J | ND | NA | NA | NA | 0.0196 J |
| | | SMITH-GW_20170516 | 16-May-17 | | ND | NA | NA | NA | NA | ND | ND | NA | NA | NA | ND | | 0.0140 J | ND | ND | | 0.0110 J | ND | ND | NA | NA | | 0.0110 J |
| | | SMITH-GW_20170612 | 12-Jun-17 | | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | | 0.0200 | ND | ND | | 0.0140 J | ND | ND | ND | ND | | 0.0140 J |
| | | SMITH-GW_20170711 | 11-Jul-17 | | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | | 0.0200 | ND | ND | + | 0.0490 | 0.0072 J | ND | ND | ND | | 0.0562 J |
| | | DUP-GW 20170802 | 02-Aug-17 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | | | 0.0062 J | ND | ND | 0.0084 J | ND | ND | ND | ND | ND | 0.0084 J |
| | | SMITH-GW_20170802 | 02-Aug-17 02-Aug-17 | | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | | 0.0180 J | ND | ND | | 0.0004 J | | 0.0080 J | ND | ND | | 0.0084 J |
| | | SMITH-GW_20170915 | 15-Sep-17 | | ND | NA | NA | NA | NA | ND | ND | NA NA | NA NA | NA | ND | ND | 0.0140 J | ND | ND | + | 0.0100 J | ND | 0.0045 J | NA | NA | NA | 0.0100 J |
| | | SMITH-GW_20171019 | 19-Oct-17 | | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | | 0.01103 0.0150 J | ND | ND | ND | 0.0093 J | | | ND | ND | ND | 0.0093 J |
| | | SMITH-GW_20171019 SMITH-GW-20171114 | 19-0ct-17 | ND ND | ND | ND | ND | ND | ND | ND | ND | ND | ND ND | ND | ND | + | 0.0150 J | ND | ND ND | | 0.0093 J | ND ND | ND ND | ND | ND | | 0.0093 J 0.0130 J |
| | | SMITH-GW_20171114 SMITH-GW_20171208 | 08-Dec-17 | | ND | ND | ND | ND | ND | ND | ND | ND | ND ND | ND | ND | | 0.0140 J | ND | ND ND | | 0.0130 J | ND ND | ND | ND | ND | + | 0.0130 J |
| | | | | ND | | | | | + | | + | | | | | | | | | | ł — — — — — — — — — — — — — — — — — — — | | | | | | |
| | | | 09-Jan-18 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0210 | ND 0.0072 L | ND | ND | 0.0094 J | ND 0.0065 L | ND | ND | ND | | 0.0094 J |
| | | DUP-01-GW_20180206 | 06-Feb-18 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0160 J | U.UU/2 J | ND | ND | 0.0140 J | บ.บบธ5 ป | ND | ND | ND | ND | 0.0205 J |

Grey text indicates the parameter was not analyzed or not detected.
All concentrations in µg/L - micrograms per liter
All values in micrograms per liter
D - duplicate sample

J - The result is an estimated value. B - Detected in Blank.

USEPA - Environmental Protection Agency NA - Not Analysed or Not Applicable μg/L - micrograms per liter

ND - Not detected

HA - Health Advisory screening value (EPA 2016)

— - No HA available

Q - The analyte is both B qualified because of blank detection and J qualified because of an additional QC issue.

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| Well Type | Sample Location | Sample ID | Collection Date | 6:2 Fluorotelomer sulfonate (6:2 FTS) | 8:2 Fluorotelomer sulfonate (8:2 FTS) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) | N-Methyl Perfluorooctane Sulfonamide (MEFOSA) | N-Methyl Perfluorooctane Sulfonamidoethanol (MEFOSE) | Perfluorobutanesulfonic acid (PFBS) | Perfluorobutanoic acid (PFBA) | Perfluorodecane sulfonate (PFDS) | Perfluorodecanoic acid (PFDA) | Perfluorododecanoic acid (PFDoA) | Perfluoroheptane sulfonate (PFHpS) | Perfluoroheptanoic acid (PFHpA) | Perfluorohexanesulfonic acid (PFHxS) | Perfluorohexanoic acid (PFHxA) | Perfluorononanoic acid (PFNA) | Perfluorooctane sulfonamide (PFOSA) | Perfluorooctanesulfonic acid (PFOS) | Perfluorooctanoic acid (PFOA) | Perfluoropentanoic acid (PFPeA) | Perfluorotetradecanoic acid (PFTeDA) | Perfluorotridecanoic acid (PFTrDA) | Perfluoroundecanoic acid (PFUnA) | PFOS+PFOA |
|------------|-----------------|--------------------------------------|------------------------|--|--|---|---|--|--|--|----------------------------------|-------------------------------------|----------------------------------|-------------------------------------|---------------------------------------|------------------------------------|---|-----------------------------------|-------------------------------|--|--|----------------------------------|------------------------------------|---|---------------------------------------|----------------------------------|----------------------|
| | | USEPA Health Adv | visory (HA): | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.07 | 0.07 | - | - | - | <u> </u> | 0.07 |
| | | SMITH-GW_20180206 | 06-Feb-18 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0140 J | 0.0069 J | ND | ND | 0.0130 J | 0.0063 J | ND | ND | ND | ND | 0.0193 J |
| | | SMITH-GW_20180306 | 06-Mar-18 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0200 | ND | ND | ND | 0.0130 J | ND | ND | ND | ND | ND | 0.0130 J |
| | | SMITH-GW_20180516 | 16-May-18 | ND | ND | ND | ND | ND | ND | ND | 0.0072 J | ND | ND | ND | ND | ND | 0.0210 | 0.0089 J | ND | ND | 0.0150 J | 0.0079 J | 0.0092 J | ND | ND | ND | 0.0229 J |
| | | SMITH-GW_20180606 | 06-Jun-18 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0150 J | ND | ND | ND | 0.0066 J | 0.0035 J | ND | ND | ND | ND | 0.0101 J |
| | | SMITH-GW_20180712 | 12-Jul-18 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0076 J | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | SMITH-GW_20180816 | 16-Aug-18 | ND | ND | ND | ND | ND | ND | ND | 0.0057 J | ND | ND | ND | ND | ND | 0.0230 | 0.0087 J | ND | ND | 0.0084 J | 0.0073 J | 0.0081 J | ND | ND | ND | 0.0157 J |
| | Well | SMITH-GW_20180920 | 20-Sep-18 | ND | ND | ND | ND | ND | ND | 0.0066 J | ND | ND | ND | ND | ND | ND | 0.0250 | 0.0085 J | ND | ND | 0.0130 J | 0.0067 J | 0.0083 J | ND | ND | ND | 0.0197 J |
| | > | SMITH-GW_20181018 | 18-Oct-18 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0260 | 0.0092 J | ND | ND | 0.0087 J | 0.0058 J | 0.0098 J | ND | ND | ND | 0.0145 J |
| | nith | SMITH-GW_20190123 | 23-Jan-19 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0230 | 0.0044 J | ND | ND | 0.0076 J | ND | ND | ND | ND | ND | 0.0076 J |
| | S | SMITH-GW_20190220 | 20-Feb-19 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0250 | 0.0071 J | ND | ND | 0.0160 J | 0.0055 J | 0.0057 J | ND | ND | ND | 0.0215 J |
| | | SMITH-GW_20190320 | 20-Mar-19 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0250 | ND | ND | ND | 0.0081 J | ND | 0.0057 J | ND | ND | ND | 0.0081 J |
| | | SMITH -GW_20190404 | 04-Apr-19 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0250 | 0.0090 J | ND | ND | 0.0110 J | 0.0082 J | 0.0099 J | ND | ND | ND | 0.0192 J |
| | | SMITH-GW_20190523 | 23-May-19 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0240 | 0.0067 J | ND | ND | 0.0100 J | ND | 0.0068 J | ND | ND | ND | 0.0100 J |
| | | SMITH-GW_20190612 | 12-Jun-19 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0250 | 0.0090 J | ND | ND | 0.0130 J | 0.0078 J | 0.0082 J | ND | ND | ND | 0.0208 J |
| | | SMITH-GW_20190716 | 16-Jul-19 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0270 | 0.0110 J | ND | ND | 0.0120 J | | 0.0086 J | ND | ND | ND | 0.0219 J |
| | | SMITH-GW_20190814 | 14-Aug-19 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0240 J | 0.0073 J | ND | ND | ND | ND | 0.0061 J | ND | ND | ND | ND |
| | | Collins-06182014 | 18-Jun-14 | NA | NA | NA | NA | NA | NA | ND | 0.0028 J | ND | ND | ND | NA | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | DW-DUP-06182014 (D) | 18-Jun-14 | NA | NA | NA | NA | NA | NA | ND | ND | ND | ND | ND | NA | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Well | | COLLINS-06252014 | 25-Jun-14 | NA | NA | NA | NA | NA | NA | ND | ND | ND | ND | ND | NA | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | COLLINS-07022014 | 02-Jul-14 | NA | NA | NA | NA | NA | NA | ND | 0.0056 J | ND | ND | ND | NA | ND | ND | ND | ND | ND | 0.0072 J | ND | 0.0032 J | ND | ND | ND | 0.0072 J |
| Production | | COLLINS-07092014 | 09-Jul-14 | NA | NA | NA | NA | NA | NA | ND | ND | ND | ND | ND | NA | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| l bd | | COLLINS-07162014 | 16-Jul-14 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0045 J | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| ٦ <u>٣</u> | | COLLINS_07242014 | 24-Jul-14 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | COLLINS_08062014 | 06-Aug-14 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | COLLINS 08212014 | 21-Aug-14 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | COLLINS_09042014 | 04-Sep-14 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | = | COLLINS_09172014 | 17-Sep-14 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | Well | COLLINS_10162014 | 16-Oct-14 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0038 J | ND | ND | ND | 0.0048 J | ND | 0.0044 J | ND | ND | ND | 0.0048 J |
| | ins | COLLINS 11122014 | 12-Nov-14 | | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0040 J | ND | ND | ND | ND | ND | ND |
| | Colli | COLLINS_12122014 | 12-Nov-14 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | O | COLLINS_12122014 COLLINS_01052015 | 05-Jan-15 | ND | ND | ND | ND | 0.0032 J | ND | ND | 0.0035 B | | ND | ND | 0.0062 J | ND | ND | ND | ND | | 0.0047 J | ND | 0.0035 J | ND | ND | | 0.0047 J |
| | | COLLINS 02042015 | 03-5an-15 04-Feb-15 | ND | ND | 0.0091 J | ND | ND | ND | ND | 0.0033 B | ND | ND | ND | 0.0002 J | ND | 0.0038 J | ND | ND | ND | ND | ND | 0.0033 3 ND | ND | ND | 0.0054 J | ND |
| | | _ | 17-Mar-15 | | ND | | | | ND | | + | | | | | | | | | | | | + | | | | |
| | | COLLINS_03172015 COLLINS_03262015 | 26-Mar-15 | ND ND | ND | ND ND | ND ND | ND ND | ND | ND ND | ND ND | ND ND | ND ND | ND ND | 0.0044 J ND | ND ND | ND ND | ND ND | ND ND | | 0.0054 J 0.0047 B | ND ND | ND ND | ND ND | ND ND | | 0.0054 J 0.0047 B |
| | | COLLINS_03262015 COLLINS_04232015 | 23-Apr-15 | | ND | ND ND | 0.0048 B | ND ND | ND | ND ND | ND | ND ND | ND | ND ND | ND ND | ND ND | ND ND | | ND | | | | ND | ND ND | ND | ND ND | 0.0047 B 0.0041 J |
| | | COLLINS_04232015 COLLINS_05212015 | | ND | | | | | | | _ | | ND | | | | | ND | | + | | ND | ND ND | | | - | |
| | | _ | 21-May-15 | | ND | ND | ND | ND | ND | ND | ND | ND | | ND | ND | ND | ND | ND | ND | ND | ND | ND | + | ND 0.0052 L | ND | ND | ND |
| | | COLLINS_06162015 | 16-Jun-15 | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0043 J | | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0052 J | ND | ND | ND |
| | | COLLINS_07162015 | 16-Jul-15 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND 0.0054 L | ND | ND | ND | ND | ND | | 0.0040 J | ND | ND | ND | ND | | 0.0040 J |
| | | COLLINS_08112015 | 11-Aug-15 | | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0054 J | ND | ND | ND | ND | ND | | 0.0063 J | ND | 0.0077 J | ND | ND | | 0.0063 J |
| | | COLLINS_09092015 | 09-Sep-15 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0044 J | ND | ND | ND | ND | ND | 0.0044 J |

Grey text indicates the parameter was not analyzed or not detected.
All concentrations in µg/L - micrograms per liter
All values in micrograms per liter
D - duplicate sample

J - The result is an estimated value.

B - Detected in Blank.

USEPA - Environmental Protection Agency NA - Not Analysed or Not Applicable μg/L - micrograms per liter

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— - No HA available

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| Well Type | Sample Location | Sample ID | Collection Date | 6:2 Fluorotelomer sulfonate (6:2 FTS) | 8:2 Fluorotelomer sulfonate (8:2 FTS) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) | N-Methyl Perfluorooctane Sulfonamide (MEFOSA) | N-Methyl Perfluorooctane Sulfonamidoethanol (MEFOSE) | Perfluorobutanesulfonic acid (PFBS) | Perfluorobutanoic acid (PFBA) | Perfluorodecane sulfonate (PFDS) | Perfluorodecanoic acid (PFDA) | Perfluorododecanoic acid (PFDoA) | Perfluoroheptane sulfonate (PFHpS) | Perfluoroheptanoic acid (PFHpA) | Perfluorohexanesulfonic acid (PFHxS) | Perfluorohexanoic acid (PFHxA) | Perfluorononanoic acid (PFNA) | Perfluorooctane sulfonamide (PFOSA) | Perfluorooctanesulfonic acid (PFOS) | Perfluorooctanoic acid (PFOA) | Perfluoropentanoic acid (PFPeA) | Perfluorotetradecanoic acid (PFTeDA) | Perfluorotridecanoic acid (PFTrDA) | Perfluoroundecanoic acid (PFUnA) | PFOS+PFOA |
|------------|-----------------|---------------------|-----------------|--|--|---|---|--|--|--|----------------------------------|-------------------------------------|----------------------------------|-------------------------------------|---------------------------------------|------------------------------------|---|-----------------------------------|-------------------------------|--|--|----------------------------------|---------------------------------|---|---------------------------------------|-------------------------------------|-----------|
| | | USEPA Health Adv | isory (HA): | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.07 | 0.07 | - | - | - | - | 0.07 |
| | | COLLINS_10072015 | 07-Oct-15 | ND | ND | ND | ND | ND | ND | ND | 0.0063 J | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0074 J | ND | ND | ND | ND | ND | 0.0074 J |
| | | COLLINS_11042015 | 04-Nov-15 | ND | ND | ND | 0.0080 J | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0060 J | ND | ND | ND | 0.0073 J | ND | ND | 0.0094 J | ND | 0.0052 J | 0.0073 J |
| | | COLLINS_12012015 | 01-Dec-15 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0066 J | ND | ND | ND | 0.0076 J | ND | ND | ND | ND | ND | 0.0076 J |
| | | COLLINS_01062016 | 06-Jan-16 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0057 B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | COLLINS_02022016 | 02-Feb-16 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0041 B | 0.0070 B | ND | ND | 0.0067 J | ND | ND | ND | ND | ND | 0.0067 J |
| | | COLLINS_03012016 | 01-Mar-16 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0084 J | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | COLLINS_03292016 | 29-Mar-16 | ND | ND | ND | ND | ND | ND | 0.0050 J | 0.0077 J | ND | ND | ND | ND | ND | 0.0051 B | ND | ND | ND | 0.0034 J | ND | ND | ND | ND | ND | 0.0034 J |
| | l | COLLINS-04122016 | 12-Apr-16 | ND | ND | NA | NA | NA | NA | ND | ND | NA | NA | NA | ND | ND | 0.0055 B | 0.0073 B | ND | ND | 0.0058 B | ND | ND | NA | NA | NA | 0.0058 B |
| | 1 | COLLINS-GW_20160623 | 23-Jun-16 | ND | ND | NA | NA | NA | NA | 0.0035 J | ND | NA | NA | NA | ND | ND | 0.0042 J | 0.0050 J | ND | ND | 0.0054 J | 0.0055 J | 0.0069 J | NA | NA | NA | 0.0109 J |
| | l | COLLINS-GW_20160719 | 19-Jul-16 | ND | ND | NA | NA | NA | NA | 0.0034 J | ND | NA | NA | NA | ND | ND | 0.0058 J | ND | ND | ND | 0.0061 J | ND | 0.0055 J | NA | NA | NA | 0.0061 J |
| | ľ | COLLINS-GW_20160802 | 02-Aug-16 | ND | ND | NA | NA | NA | NA | 0.0075 J | ND | NA | NA | NA | ND | ND | | 0.0057 J | ND | ND | 0.0052 J | 0.0071 J | 0.0085 J | NA | NA | NA | 0.0123 J |
| | İ | COLLINS-GW_20160913 | 13-Sep-16 | ND | ND | NA | NA | NA | NA | 0.0079 B | ND | NA | NA | NA | ND | ND | ND | ND | ND | ND | 0.0047 B | ND | ND | NA | NA | NA | 0.0047 B |
| | | COLLINS-GW_20161019 | 19-Oct-16 | ND | ND | NA | NA | NA | NA | 0.0100 J | ND | NA | NA | NA | ND | ND | 0.0054 J | ND | ND | ND | 0.0051 J | ND | ND | NA | NA | NA | 0.0051 J |
| | | COLLINS-GW_20161117 | 17-Nov-16 | ND | ND | NA | NA | NA | NA | 0.0160 J | ND | NA | NA | NA | ND | ND | ND | ND | ND | ND | 0.0061 J | ND | ND | NA | NA | NA | 0.0061 J |
| | | COLLINS_GW_20161214 | 14-Dec-16 | ND | ND | NA | NA | NA | NA | 0.0150 J | ND | NA | NA | NA | ND | ND | 0.0060 J | ND | ND | ND | 0.0067 J | ND | 0.0047 J | NA | NA | NA | 0.0067 J |
| | l | COLLINS-GW_20170111 | 11-Jan-17 | ND | ND | NA | NA | NA | NA | 0.0200 J | ND | NA | NA | NA | ND | ND | | 0.0093 J | ND | ND | 0.0071 J | ND | ND | NA | NA | NA | 0.0071 J |
| | | COLLINS-GW_20170217 | 17-Feb-17 | ND | ND | NA | NA | NA | NA | 0.0130 J | ND | NA | NA | NA | ND | ND | ND | ND | ND | ND | 0.0068 J | ND | ND | NA | NA | NA | 0.0068 J |
| <u> </u> | | COLLINS-GW_20170323 | 23-Mar-17 | ND | ND | NA | NA | NA | NA | 0.0089 J | ND | NA | NA | NA | ND | ND | ND | ND | ND | ND | ND | ND | ND | NA | NA | NA | ND |
| § | Well | COLLINS-GW_20170419 | 19-Apr-17 | ND | ND | NA | NA | NA | NA | 0.0079 J | ND | NA | NA | NA | ND | ND | 0.0042 J | ND | ND | ND | 0.0056 J | ND | ND | NA | NA | NA | 0.0056 J |
| l g l | Š | COLLINS-GW_20170612 | 12-Jun-17 | ND | ND | ND | ND | ND | ND | 0.0100 J | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Production | Collins | COLLINS-GW_20170711 | 11-Jul-17 | ND | ND | ND | ND | ND | ND | 0.0094 J | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0069 J | ND | ND | ND | ND |
| g | 8 | COLLINS-GW_20170802 | 02-Aug-17 | ND | ND | ND | ND | ND | ND | 0.0110 J | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0042 J | ND | ND | ND | ND | ND | 0.0042 J |
| ਨੂੰ | Ĭ | COLLINS-GW_20170915 | 15-Sep-17 | ND | ND | NA | NA | NA | NA | 0.0120 J | ND | NA | NA | NA | ND | ND | ND | ND | ND | ND | ND | ND | ND | NA | NA | NA | ND |
| | | COLLINS-GW_20171019 | 19-Oct-17 | ND | ND | ND | ND | ND | ND | 0.0200 J | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | 1 | COLLINS-GW-20171114 | 14-Nov-17 | ND | ND | ND | ND | ND | ND | 0.0140 J | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | 1 | COLLINS-GW_20171208 | 08-Dec-17 | ND | ND | ND | ND | ND | ND | 0.0190 J | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | 1 | | 09-Jan-18 | ND | ND | ND | ND | ND | ND | 0.0210 | ND | ND | ND | ND | ND | ND | ND | 0.0040 J | ND | ND | 0.0095 J | 0.0085 J | ND | ND | ND | ND | 0.0180 J |
| | l | COLLINS-GW_20180206 | 06-Feb-18 | ND | ND | ND | ND | ND | ND | 0.0220 | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0040 J | ND | 0.0059 J | ND | ND | ND | ND | 0.0059 J |
| | 1 | COLLINS-GW_20180306 | 06-Mar-18 | ND | ND | ND | ND | ND | ND | 0.0180 J | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | COLLINS-GW 20180423 | 23-Apr-18 | ND | ND | ND | ND | ND | ND | 0.0200 J | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0041 J | ND | ND | ND | ND | 0.0041 J |
| | | | 16-May-18 | | ND | ND | ND | ND | + | | | ND | ND | ND | ND | ND | | 0.0059 J | ND | | 0.0079 J | | ND | ND | ND | ND | 0.0146 J |
| | | | 06-Jun-18 | ND | ND | ND | ND | ND | ND | 0.0210 J | 0.0091 J | ND | ND | ND | ND | ND | ND | ND | ND | ND | | 0.0072 J | ND | ND | ND | ND | 0.0072 J |
| | | COLLINS-GW 20180712 | 12-Jul-18 | ND | ND | ND | ND | ND | ND | 0.0110 J | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | COLLINS-GW_20180816 | 16-Aug-18 | ND | ND | ND | ND | ND | ND | 0.0190 J | 0.0073 J | ND | ND | ND | ND | ND | | 0.0056 J | ND | ND | ND | 0.0049 J | ND | ND | ND | ND | 0.0049 J |
| | | COLLINS-GW_20180920 | 20-Sep-18 | | ND | ND | ND | ND | ND | 0.0250 | 0.0056 J | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0066 J | 0.0052 J | ND | ND | ND | ND | 0.0118 J |
| | | COLLINS-GW_20181018 | 18-Oct-18 | ND | ND | ND | ND | ND | ND | 0.0220 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | COLLINS-GW_20181107 | 07-Nov-18 | ND | ND | NA | NA | NA | NA | 0.0120 J | ND | NA | NA | NA | ND | ND | ND | ND | ND | ND | ND | ND | ND | NA | NA | NA | ND |
| | | COLLINS-GW_20181219 | 19-Dec-18 | | ND | ND | ND | ND | ND | 0.0190 J | 0.0070 J | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0039 J | ND | ND | ND | ND | 0.0039 J |
| | | COLLINS-GW 20190123 | 23-Jan-19 | ND | ND | ND | ND | ND | ND | 0.0130 J | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | _ | 20-Feb-19 | | ND | ND | ND | ND | + | 0.0120 J | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |

Grey text indicates the parameter was not analyzed or not detected.
All concentrations in µg/L - micrograms per liter
All values in micrograms per liter
D - duplicate sample

J - The result is an estimated value. B - Detected in Blank.

USEPA - Environmental Protection Agency NA - Not Analysed or Not Applicable μg/L - micrograms per liter

ND - Not detected

HA - Health Advisory screening value (EPA 2016)

— - No HA available

Q - The analyte is both B qualified because of blank detection and J qualified because of an additional QC issue.

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| Well Type | Sample Location | Sample ID | Collection Date | 6:2 Fluorotelomer sulfonate (6:2 FTS) | 8:2 Fluorotelomer sulfonate (8:2 FTS) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) | N-Methyl Perfluorooctane Sulfonamide (MEFOSA) | N-Methyl Perfluorooctane Sulfonamidoethanol (MEFOSE) | Perfluorobutanesulfonic acid (PFBS) | Perfluorobutanoic acid (PFBA) | Perfluorodecane sulfonate (PFDS) | Perfluorodecanoic acid (PFDA) | Perfluorododecanoic acid (PFDoA) | Perfluoroheptane sulfonate (PFHpS) | Perfluoroheptanoic acid (PFHpA) | Perfluorohexanesulfonic acid (PFHxS) | Perfluorohexanoic acid (PFHxA) | Perfluorononanoic acid (PFNA) | Perfluorooctane sulfonamide (PFOSA) | Perfluorooctanesulfonic acid (PFOS) | Perfluorooctanoic acid (PFOA) | Perfluoropentanoic acid (PFPeA) | Perfluorotetradecanoic acid (PFTeDA) | Perfluorotridecanoic acid (PFTrDA) | Perfluoroundecanoic acid (PFUnA) | PFOS+PFOA |
|------------|-----------------|----------------------|-----------------|--|--|---|---|--|--|--|----------------------------------|-------------------------------------|----------------------------------|-------------------------------------|---------------------------------------|------------------------------------|---|-----------------------------------|-------------------------------|--|--|----------------------------------|------------------------------------|---|---------------------------------------|-------------------------------------|-----------|
| | | USEPA Health Adv | /isory (HA): | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.07 | 0.07 | - | - | - | - | 0.07 |
| | | COLLINS-GW_20190320 | 20-Mar-19 | ND | ND | ND | ND | ND | ND | 0.0084 J | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | Well | COLLINS -GW_20190404 | 04-Apr-19 | ND | ND | ND | ND | ND | ND | 0.0120 J | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | ≶ « | COLLINS-GW_20190523 | 23-May-19 | ND | ND | ND | ND | ND | ND | 0.0110 J | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | Collins | COLLINS-GW_20190612 | 12-Jun-19 | ND | ND | ND | ND | ND | ND | 0.0150 J | 0.0081 J | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | ပိ | COLLINS-GW_20190716 | 16-Jul-19 | ND | ND | ND | ND | ND | ND | 0.0140 J | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0057 J | 0.0075 J | 0.0052 J | ND | ND | ND | 0.0132 J |
| | | COLLINS-GW_20190814 | 14-Aug-19 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0060 J | ND | ND | ND | ND |
| | | Portsmouth-06182014 | 18-Jun-14 | NA | NA | NA | NA | NA | NA | ND | 0.0029 J | ND | ND | ND | NA | ND | 0.0058 J | ND | ND | ND | ND | ND | 0.0068 J | ND | ND | ND | ND |
| | | DW-DUP-06252014 (D) | 25-Jun-14 | NA | NA | NA | NA | NA | NA | ND | ND | ND | ND | ND | NA | ND | 0.0044 J | ND | ND | ND | ND | ND | 0.0031 J | ND | ND | ND | ND |
| | | PORTSMOUTH-06252014 | 25-Jun-14 | NA | NA | NA | NA | NA | NA | ND | ND | ND | ND | ND | NA | ND | 0.0051 J | ND | ND | ND | ND | ND | 0.0035 J | ND | ND | ND | ND |
| | | PORTSMOUTH-07022014 | 02-Jul-14 | NA | NA | NA | NA | NA | NA | ND | 0.0058 J | ND | ND | ND | NA | ND | 0.0055 J | 0.0056 J | ND | 0.0025 J | 0.0100 J | ND | 0.0060 J | ND | ND | ND | 0.0100 J |
| | | PORTSMOUTH-07092014 | 09-Jul-14 | NA | NA | NA | NA | NA | NA | ND | 0.0024 J | ND | ND | ND | NA | ND | ND | 0.0029 J | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | PORTSMOUTH-07162014 | 16-Jul-14 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0070 J | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | DUP2_07242014 | 24-Jul-14 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0038 J | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | PORTSMOUTH_07242014 | 24-Jul-14 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0036 J | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | PORTSMOUTH_08062014 | 06-Aug-14 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0052 J | ND | ND | ND | ND | ND | 0.0032 J | ND | ND | ND | ND |
| | | PORTSMOUTH_08212014 | 21-Aug-14 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0046 J | ND | ND | ND | ND | ND | 0.0045 J | ND | ND | ND | ND |
| | | PORTSMOUTH_09042014 | 04-Sep-14 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0073 J | 0.0035 J | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| = | | PORTSMOUTH_09172014 | 17-Sep-14 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0084 J | ND | ND | ND | 0.0049 J | ND | 0.0035 J | ND | ND | ND | 0.0049 J |
| Well | | PORTSMOUTH_10162014 | 16-Oct-14 | ND | ND | ND | ND | ND | ND | 0.0038 J | 0.0047 J | ND | ND | ND | ND | 0.0041 J | 0.0091 J | 0.0072 J | ND | ND | 0.0073 J | 0.0062 J | 0.0090 J | ND | ND | ND | 0.0135 J |
| | | PORTSMOUTH_11122014 | 12-Nov-14 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0031 J | ND | ND | ND | 0.0039 J | ND | 0.0033 J | ND | ND | ND | 0.0039 J |
| Production | ₩ | PORTSMOUTH_12122014 | 12-Dec-14 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0052 J | ND | ND | ND | 0.0039 J | ND | 0.0057 J | ND | ND | ND | 0.0039 J |
| po | Well | PORTSMOUTH_01052015 | 05-Jan-15 | ND | ND | ND | ND | ND | ND | ND | 0.0048 B | ND | ND | ND | 0.0060 J | ND | 0.0079 J | 0.0062 J | ND | ND | 0.0074 J | 0.0053 J | 0.0083 J | ND | ND | ND | 0.0127 J |
| 4 | outh | PORTSMOUTH_02042015 | 04-Feb-15 | ND | ND | ND | ND | ND | ND | ND | 0.0028 J | ND | ND | ND | ND | ND | 0.0076 J | 0.0056 J | ND | 0.0033 J | 0.0075 J | 0.0069 J | 0.0085 J | ND | ND | ND | 0.0144 J |
| | ē | PORTSMOUTH_03172015 | 17-Mar-15 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0044 J | ND | ND | 0.0070 J | ND | 0.0063 J | ND | ND | ND | 0.0070 J |
| | rtsm | PORTSMOUTH_03262015 | 26-Mar-15 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0052 J | ND | ND | 0.0068 B | ND | 0.0077 B | ND | ND | ND | 0.0068 B |
| | Po | PORTSMOUTH_04232015 | 23-Apr-15 | ND | ND | ND | 0.0045 B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0019 B | 0.0059 J | ND | ND | ND | ND | ND | 0.0059 J |
| | | PORTSMOUTH_05212015 | 21-May-15 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0032 J | ND | ND | 0.0076 J | ND | 0.0038 J | ND | ND | ND | 0.0076 J |
| | | PORTSMOUTH_06162015 | 16-Jun-15 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0064 J | ND | ND | ND | 0.0045 J | ND | 0.0053 J | 0.0049 J | ND | ND | 0.0045 J |
| | | PORTSMOUTH_07162015 | 16-Jul-15 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0050 J | ND | ND | ND | ND | ND | 0.0050 J |
| | | PORTSMOUTH_08112015 | 11-Aug-15 | ND | ND | ND | ND | ND | ND | 0.0049 J | ND | ND | ND | ND | ND | ND | 0.0075 J | 0.0049 J | ND | ND | 0.0070 J | 0.0051 J | 0.0089 J | ND | ND | ND | 0.0121 J |
| | | | 09-Sep-15 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | - | 0.0075 J | | ND | | 0.0048 J | | | ND | ND | | 0.0096 J |
| | | | 07-Oct-15 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0071 J | | | ND | | 0.0074 J | | | ND | ND | + | 0.0150 J |
| | | PORTSMOUTH_11042015 | 04-Nov-15 | ND | ND | ND | ND | ND | ND | 0.0074 J | 0.0069 J | ND | ND | ND | ND | | | 0.0071 J | ND | + | 0.0064 J | | 0.0110 J | ND | ND | | 0.0134 J |
| | | | 01-Dec-15 | ND | ND | ND | ND | ND | ND | 0.0068 J | 0.0100 J | ND | ND | ND | | 0.0053 J | | | ND | | 0.0077 J | | 0.0058 J | ND | ND | | 0.0146 J |
| | | | 06-Jan-16 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0057 J | | | ND | ND | ND | 0.0056 J | 0.0082 J | ND | ND | ND | 0.0056 J |
| | | | 02-Feb-16 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | | 0.0071 B | | ND | ND | | 0.0066 J | ND | ND | ND | ND | 0.0135 J |
| | | | 01-Mar-16 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | | 0.0082 J | | | ND | ND | | 0.0130 J | | ND | ND | | 0.0130 J |
| | | | 29-Mar-16 | ND | ND | ND | ND | ND | ND | 0.0054 J | 0.0088 J | ND | ND | ND | ND | | 0.0087 B | | ND | | 0.0044 J | | | ND | ND | + | 0.0103 J |
| | | PORTSMOUTH-04122016 | 12-Apr-16 | ND | ND | NA | NA | NA | NA | ND | ND | NA | NA | NA | ND | | 0.0100 B | | ND | ND | 0.0072 B | | ND | NA | NA | | 0.0072 B |
| | | | 26-May-16 | | ND | NA | NA | NA | | | | NA | NA | NA | ND | | 0.0069 J | | ND | | 0.0068 J | | | NA | NA | | 0.0137 J |

Grey text indicates the parameter was not analyzed or not detected.
All concentrations in µg/L - micrograms per liter
All values in micrograms per liter
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J - The result is an estimated value. B - Detected in Blank.

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— - No HA available

Q - The analyte is both B qualified because of blank detection and J qualified because of an additional QC issue.

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| Well Type | Sample Location | Sample ID | Collection Date | 6:2 Fluorotelomer sulfonate (6:2 FTS) | 8:2 Fluorotelomer sulfonate (8:2 FTS) | N-Ethyl perfluorooctane sulfonamide (EtFOSA) | N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE) | N-Methyl Perfluorooctane Sulfonamide (MEFOSA) | N-Methyl Perfluorooctane Sulfonamidoethanol (MEFOSE) | Perfluorobutanesulfonic acid (PFBS) | Perfluorobutanoic acid (PFBA) | Perfluorodecane sulfonate (PFDS) | Perfluorodecanoic acid (PFDA) | Perfluorododecanoic acid (PFDoA) | Perfluoroheptane sulfonate (PFHpS) | Perfluoroheptanoic acid (PFHpA) | Perfluorohexanesulfonic acid (PFHxS) | Perfluorohexanoic acid (PFHxA) | Perfluorononanoic acid (PFNA) | Perfluorooctane sulfonamide (PFOSA) | Perfluorooctanesulfonic acid (PFOS) | Perfluorooctanoic acid (PFOA) | Perfluoropentanoic acid (PFPeA) | Perfluorotetradecanoic acid (PFTeDA) | Perfluorotridecanoic acid (PFTrDA) | Perfluoroundecanoic acid (PFUnA) | PFOS+PFOA |
|------------|-----------------|--|------------------------|--|--|---|---|--|--|--|----------------------------------|-------------------------------------|----------------------------------|-------------------------------------|---------------------------------------|------------------------------------|---|-----------------------------------|----------------------------------|--|--|----------------------------------|------------------------------------|---|---------------------------------------|-------------------------------------|----------------------|
| | | USEPA Health Adv | isory (HA): | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.07 | 0.07 | - | - | - | - | 0.07 |
| | | PORTSMOUTH-GW_20160623 | 23-Jun-16 | ND | ND | NA | NA | NA | NA | 0.0040 J | ND | NA | NA | NA | ND | ND | 0.0073 J | 0.0059 J | ND | ND | 0.0060 J | ND | 0.0066 J | NA | NA | NA | 0.0060 J |
| | | PORTSMOUTH-GW_20160719 | 19-Jul-16 | ND | ND | NA | NA | NA | NA | ND | ND | NA | NA | NA | ND | ND | 0.0087 J | 0.0061 J | ND | ND | 0.0062 J | ND | 0.0088 J | NA | NA | NA | 0.0062 J |
| | | PORTSMOUTH-GW_20160802 | 02-Aug-16 | ND | ND | NA | NA | NA | NA | 0.0049 J | ND | NA | NA | NA | ND | ND | 0.0095 J | 0.0063 J | ND | ND | 0.0054 J | 0.0070 J | 0.0095 J | NA | NA | NA | 0.0124 J |
| | | PORTSMOUTH-GW_20160913 | 13-Sep-16 | ND | ND | NA | NA | NA | NA | 0.0032 B | ND | NA | NA | NA | ND | ND | 0.0063 B | ND | ND | ND | 0.0045 B | 0.0057 J | 0.0059 B | NA | NA | NA | 0.0102 B |
| | | PORTSMOUTH-GW_20161117 | 17-Nov-16 | ND | ND | NA | NA | NA | NA | 0.0025 J | ND | NA | NA | NA | ND | ND | 0.0090 J | ND | ND | ND | 0.0082 J | ND | 0.0092 J | NA | NA | NA | 0.0082 J |
| | | | 11-Jan-17 | ND | ND | NA | NA | NA | NA | 0.0084 J | ND | NA | NA | NA | ND | ND | | 0.0120 J | ND | ND | 0.0084 J | 0.0059 J | 0.0076 J | NA | NA | NA | 0.0143 J |
| | | | 17-Feb-17 | ND | ND | NA | NA | NA | NA | 0.0024 J | ND | NA | NA | NA | ND | ND | 0.0053 J | ND | ND | ND | ND | 0.0053 J | 0.0072 J | NA | NA | NA | 0.0053 J |
| | | DUP-GW_20170323 PORTSMOUTH-GW 20170323 | 23-Mar-17 | ND | ND | NA | NA | NA | NA | ND | ND | NA | NA | NA | ND | ND | ND | ND | ND | ND | ND | ND | 0.0032 J | NA | NA | NA | ND |
| | | _ | 23-Mar-17 | ND | ND ND | NA | NA | NA NA | NA NA | ND | ND | NA NA | NA | NA NA | ND | ND | ND 0.0095 J | ND | ND | ND ND | ND 0.0060 J | ND 0.0062 J | 0.0032 J | NA | NA | NA | ND 0.0122 L |
| | | PORTSMOUTH-GW_20170419 PORTSMOUTH-GW_20170612 | 19-Apr-17 12-Jun-17 | ND ND | ND | NA ND | NA ND | NA ND | ND | ND ND | ND ND | ND ND | NA ND | ND | ND ND | ND ND | 0.0095 J | ND ND | ND ND | ND | 0.0060 J | 0.0062 J | 0.0044 J ND | NA ND | NA ND | NA ND | 0.0122 J 0.0072 J |
| | | PORTSMOUTH-GW_20170012 | 11-Jul-17 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0038 J | ND | ND | ND | ND | ND | 0.0071 J | ND | ND | ND | ND |
| | | PORTSMOUTH-GW_20170802 | 02-Aug-17 | ND | ND | ND | ND | ND | ND | 0.0058 J | ND | ND | ND | ND | ND | ND | 0.0096 J | 0.0064 J | ND | ND | 0.0040 J | 0.0084 J | ND | ND | ND | ND | 0.0124 J |
| | | PORTSMOUTH-GW_20170915 | 15-Sep-17 | ND | ND | NA | NA | NA | NA | ND | ND | NA | NA | NA | ND | ND | ND | ND | ND | ND | ND | ND | 0.0045 J | NA | NA | NA NA | ND |
| | | PORTSMOUTH-GW 20171019 | 19-Oct-17 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0094 J | ND | ND | ND | 0.0066 J | 0.0100 J | ND | ND | ND | ND | 0.0166 J |
| Well | Well | PORTSMOUTH-GW-20171114 | 14-Nov-17 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0051 J | ND | ND | ND | ND | 0.0051 J |
| | > | PORTSMOUTH-GW_20171208 | 08-Dec-17 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0092 J | ND | ND | ND | ND | 0.0085 J | ND | ND | ND | ND | 0.0085 J |
| Production | Portsmouth | | 09-Jan-18 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0068 J | ND | ND | ND | ND | 0.0068 J |
| ag | smo | PORTSMOUTH-GW_20180206 | 06-Feb-18 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0080 J | 0.0068 J | ND | 0.0042 J | | 0.0085 J | ND | ND | ND | ND | 0.0167 J |
| ۱ĕ | ort | PORTSMOUTH-GW_20180306 | 06-Mar-18 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1 | ш | PORTSMOUTH-GW_20180423 | 23-Apr-18 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0059 J | ND | ND | ND | ND | 0.0059 J |
| | | PORTSMOUTH-GW_20180516 | 16-May-18 | ND | ND | ND | ND | ND | ND | 0.0077 J | 0.0072 J | ND | ND | ND | ND | ND | ND | 0.0082 J | ND | ND | 0.0100 J | 0.0075 J | 0.0086 J | ND | ND | ND | 0.0175 J |
| | | _ | 06-Jun-18 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0035 J | ND | ND | ND | ND | 0.0035 J |
| | | PORTSMOUTH-GW_20180712 | 12-Jul-18 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | PORTSMOUTH-GW_20180816 | 16-Aug-18 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0079 J | 0.0068 J | ND | ND | ND | 0.0062 J | ND | ND | ND | ND | 0.0062 J |
| | | PORTSMOUTH-GW_20180920 | 20-Sep-18 | ND | ND | ND | ND | ND | ND | 0.0072 J | ND | ND | ND | ND | ND | ND | 0.0087 J | 0.0068 J | ND | ND | 0.0084 J | 0.0055 J | ND | ND | ND | ND | 0.0139 J |
| | | PORTSMOUTH-GW_20181018 | 18-Oct-18 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0062 J | 0.0053 J | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | PORTSMOUTH-GW_20181107 | 07-Nov-18 | ND | ND | NA | NA | NA | NA | ND | ND | NA | NA | NA | ND | ND | ND | ND | ND | ND | ND | ND | ND | NA | NA | NA | ND |
| | | PORTSMOUTH-GW_20181219 | | | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | | 0.0079 J | | ND | ND | | 0.0036 J | | ND | ND | ND | 0.0036 J |
| | | | 23-Jan-19 | | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | | 20-Feb-19 | | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | | 23-May-19 | | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND 0.0054 L | ND | ND | ND | ND |
| | | PORTSMOUTH-GW_20190612 PORTSMOUTH-GW_20190716 | | | ND ND | ND | ND | ND | ND | ND ND | ND | ND | ND | ND ND | ND | ND | ND 0.0067 L | ND | ND ND | ND | ND 0.0059 I | ND 0.0075 J | 0.0054 J | ND | ND | ND | ND 0.0122 L |
| | | PORTSMOUTH-GW_20190716 PORTSMOUTH-GW_20190814 | 16-Jul-19 | | ND ND | ND ND | ND ND | ND ND | ND ND | ND ND | ND ND | ND ND | ND ND | ND | ND ND | ND ND | 0.0067 J ND | ND ND | ND | ND ND | 0.0058 J ND | 0.0075 J ND | 0.0057 J ND | ND ND | ND ND | ND ND | 0.0133 J ND |
| | | OKTOWOOTTI-GW_20190014 | 14-7uy-19 | ND | IND | IND | טאו | ND | טויו | IND | ND | ND | ND | IND | ND | IND | יאט | ND | IND | IND | ND | IND | ND | אט | אט | עאו | ND |

Grey text indicates the parameter was not analyzed or not detected.
All concentrations in µg/L - micrograms per liter
All values in micrograms per liter
D - duplicate sample

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USEPA - Environmental Protection Agency NA - Not Analysed or Not Applicable μg/L - micrograms per liter

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