

Client Sample Results

Client: Alabama Dept. Environmental Management
 Project/Site: ADEM PFC Sampling - Centre

TestAmerica Job ID: 280-105065-1

Client Sample ID: CENTRE-RAW

Lab Sample ID: 280-105065-1

Date Collected: 12/26/17 09:45

Matrix: Water

Date Received: 12/28/17 09:35

Method: DV-LC-0012 - Fluorinated Alkyl Substances

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-------------------------------------|------------------|------------------|---------------|--------|------|---|-----------------|-----------------|----------------|
| Perfluorobutane Sulfonate (PFBS) | 0.17 | | 0.021 | 0.0088 | ug/L | | 12/29/17 16:16 | 01/09/18 04:12 | 1 |
| Perfluorobutanoic acid (PFBA) | 0.029 | | 0.021 | 0.010 | ug/L | | 12/29/17 16:16 | 01/09/18 04:12 | 1 |
| Perfluorodecane sulfonate (PFDS) | 0.0097 | U | 0.021 | 0.0097 | ug/L | | 12/29/17 16:16 | 01/09/18 04:12 | 1 |
| Perfluorodecanoic acid (PFDA) | 0.0085 | J | 0.021 | 0.0083 | ug/L | | 12/29/17 16:16 | 01/09/18 04:12 | 1 |
| Perfluorododecanoic acid (PFDoA) | 0.016 | U | 0.032 | 0.016 | ug/L | | 12/29/17 16:16 | 01/09/18 04:12 | 1 |
| Perfluoroheptanoic acid (PFHpA) | 0.029 | J | 0.032 | 0.014 | ug/L | | 12/29/17 16:16 | 01/09/18 04:12 | 1 |
| Perfluorohexane Sulfonate (PFHxS) | 0.0074 | U | 0.032 | 0.0074 | ug/L | | 12/29/17 16:16 | 01/09/18 04:12 | 1 |
| Perfluorohexanoic acid (PFHxA) | 0.055 | | 0.021 | 0.0031 | ug/L | | 12/29/17 16:16 | 01/09/18 04:12 | 1 |
| Perfluorononanoic acid (PFNA) | 0.018 | U | 0.042 | 0.018 | ug/L | | 12/29/17 16:16 | 01/09/18 04:12 | 1 |
| Perfluorooctanoic acid (PFOA) | 0.049 | | 0.021 | 0.010 | ug/L | | 12/29/17 16:16 | 01/09/18 04:12 | 1 |
| Perfluorooctane Sulfonate (PFOS) | 0.087 | | 0.032 | 0.014 | ug/L | | 12/29/17 16:16 | 01/09/18 04:12 | 1 |
| Perfluoropentanoic acid (PFPA) | 0.091 | | 0.032 | 0.012 | ug/L | | 12/29/17 16:16 | 01/09/18 04:12 | 1 |
| Perfluorotetradecanoic acid (PFTeA) | 0.016 | U | 0.032 | 0.016 | ug/L | | 12/29/17 16:16 | 01/09/18 04:12 | 1 |
| Perfluorotridecanoic Acid (PFTriA) | 0.019 | U | 0.042 | 0.019 | ug/L | | 12/29/17 16:16 | 01/09/18 04:12 | 1 |
| Perfluoroundecanoic acid (PFUnA) | 0.0073 | U | 0.021 | 0.0073 | ug/L | | 12/29/17 16:16 | 01/09/18 04:12 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 13C8 PFOA | 97 | | 60 - 155 | | | | 12/29/17 16:16 | 01/09/18 04:12 | 1 |
| 13C8 PFOS | 90 | | 45 - 130 | | | | 12/29/17 16:16 | 01/09/18 04:12 | 1 |

Client Sample ID: CENTRE-FINISHED

Lab Sample ID: 280-105065-2

Date Collected: 12/27/17 11:05

Matrix: Water

Date Received: 12/28/17 09:35

Method: DV-LC-0012 - Fluorinated Alkyl Substances

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-------------------------------------|------------------|------------------|---------------|--------|------|---|-----------------|-----------------|----------------|
| Perfluorobutane Sulfonate (PFBS) | 0.13 | | 0.020 | 0.0081 | ug/L | | 12/29/17 16:16 | 01/09/18 04:24 | 1 |
| Perfluorobutanoic acid (PFBA) | 0.022 | | 0.020 | 0.0096 | ug/L | | 12/29/17 16:16 | 01/09/18 04:24 | 1 |
| Perfluorodecane sulfonate (PFDS) | 0.0090 | U | 0.020 | 0.0090 | ug/L | | 12/29/17 16:16 | 01/09/18 04:24 | 1 |
| Perfluorodecanoic acid (PFDA) | 0.0077 | U | 0.020 | 0.0077 | ug/L | | 12/29/17 16:16 | 01/09/18 04:24 | 1 |
| Perfluorododecanoic acid (PFDoA) | 0.015 | U | 0.030 | 0.015 | ug/L | | 12/29/17 16:16 | 01/09/18 04:24 | 1 |
| Perfluoroheptanoic acid (PFHpA) | 0.019 | J | 0.030 | 0.013 | ug/L | | 12/29/17 16:16 | 01/09/18 04:24 | 1 |
| Perfluorohexane Sulfonate (PFHxS) | 0.0069 | U | 0.030 | 0.0069 | ug/L | | 12/29/17 16:16 | 01/09/18 04:24 | 1 |
| Perfluorohexanoic acid (PFHxA) | 0.040 | | 0.020 | 0.0029 | ug/L | | 12/29/17 16:16 | 01/09/18 04:24 | 1 |
| Perfluorononanoic acid (PFNA) | 0.017 | U | 0.039 | 0.017 | ug/L | | 12/29/17 16:16 | 01/09/18 04:24 | 1 |
| Perfluorooctanoic acid (PFOA) | 0.039 | | 0.020 | 0.0096 | ug/L | | 12/29/17 16:16 | 01/09/18 04:24 | 1 |
| Perfluorooctane Sulfonate (PFOS) | 0.062 | | 0.030 | 0.013 | ug/L | | 12/29/17 16:16 | 01/09/18 04:24 | 1 |
| Perfluoropentanoic acid (PFPA) | 0.067 | | 0.030 | 0.011 | ug/L | | 12/29/17 16:16 | 01/09/18 04:24 | 1 |
| Perfluorotetradecanoic acid (PFTeA) | 0.014 | U | 0.030 | 0.014 | ug/L | | 12/29/17 16:16 | 01/09/18 04:24 | 1 |
| Perfluorotridecanoic Acid (PFTriA) | 0.028 | J | 0.039 | 0.017 | ug/L | | 12/29/17 16:16 | 01/09/18 04:24 | 1 |
| Perfluoroundecanoic acid (PFUnA) | 0.0068 | U | 0.020 | 0.0068 | ug/L | | 12/29/17 16:16 | 01/09/18 04:24 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 13C8 PFOA | 96 | | 60 - 155 | | | | 12/29/17 16:16 | 01/09/18 04:24 | 1 |
| 13C8 PFOS | 91 | | 45 - 130 | | | | 12/29/17 16:16 | 01/09/18 04:24 | 1 |

TestAmerica Denver