

## Client Sample Results

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

TestAmerica Job ID: 280-92490-2

**Client Sample ID: CENTRE-FINISHED**

**Lab Sample ID: 280-92490-3**

Date Collected: 12/20/16 14:55

Matrix: Water

Date Received: 12/22/16 10:35

**Method: DV-LC-0012 - Perfluorinated Hydrocarbons**

| Analyte                             | Result           | Qualifier        | RL            | MDL    | Unit | D | Prepared        | Analyzed        | Dil Fac        |
|-------------------------------------|------------------|------------------|---------------|--------|------|---|-----------------|-----------------|----------------|
| Perfluorobutane Sulfonate (PFBS)    | 0.12             |                  | 0.018         | 0.0074 | ug/L |   | 12/27/16 10:22  | 12/28/16 20:52  | 1              |
| Perfluorobutanoic acid (PFBA)       | 0.032            |                  | 0.018         | 0.0088 | ug/L |   | 12/27/16 10:22  | 12/28/16 20:52  | 1              |
| Perfluorodecane sulfonate (PFDS)    | 0.0082           | U                | 0.018         | 0.0082 | ug/L |   | 12/27/16 10:22  | 12/28/16 20:52  | 1              |
| Perfluorodecanoic acid (PFDA)       | 0.0070           | U                | 0.018         | 0.0070 | ug/L |   | 12/27/16 10:22  | 12/28/16 20:52  | 1              |
| Perfluorododecanoic acid (PFDoA)    | 0.013            | U                | 0.027         | 0.013  | ug/L |   | 12/27/16 10:22  | 12/28/16 20:52  | 1              |
| Perfluoroheptanoic acid (PFHpA)     | 0.031            |                  | 0.027         | 0.012  | ug/L |   | 12/27/16 10:22  | 12/28/16 20:52  | 1              |
| Perfluorohexane Sulfonate (PFHxS)   | 0.0062           | U                | 0.027         | 0.0062 | ug/L |   | 12/27/16 10:22  | 12/28/16 20:52  | 1              |
| Perfluorohexanoic acid (PFHxA)      | 0.096            |                  | 0.018         | 0.0026 | ug/L |   | 12/27/16 10:22  | 12/28/16 20:52  | 1              |
| Perfluorononanoic acid (PFNA)       | 0.016            | U                | 0.036         | 0.016  | ug/L |   | 12/27/16 10:22  | 12/28/16 20:52  | 1              |
| Perfluorooctanoic acid (PFOA)       | 0.033            |                  | 0.018         | 0.0088 | ug/L |   | 12/27/16 10:22  | 12/28/16 20:52  | 1              |
| Perfluorooctane Sulfonate (PFOS)    | 0.027            |                  | 0.027         | 0.012  | ug/L |   | 12/27/16 10:22  | 12/28/16 20:52  | 1              |
| Perfluoropentanoic acid (PFPA)      | 0.12             |                  | 0.027         | 0.0098 | ug/L |   | 12/27/16 10:22  | 12/28/16 20:52  | 1              |
| Perfluorotetradecanoic acid (PFTeA) | 0.013            | U                | 0.027         | 0.013  | ug/L |   | 12/27/16 10:22  | 12/28/16 20:52  | 1              |
| Perfluorotridecanoic Acid (PFTriA)  | 0.016            | U                | 0.036         | 0.016  | ug/L |   | 12/27/16 10:22  | 12/28/16 20:52  | 1              |
| Perfluoroundecanoic acid (PFUnA)    | 0.0062           | U                | 0.018         | 0.0062 | ug/L |   | 12/27/16 10:22  | 12/28/16 20:52  | 1              |
| <b>Surrogate</b>                    | <b>%Recovery</b> | <b>Qualifier</b> | <b>Limits</b> |        |      |   | <b>Prepared</b> | <b>Analyzed</b> | <b>Dil Fac</b> |
| 13C8 PFOA                           | 108              |                  | 60 - 155      |        |      |   | 12/27/16 10:22  | 12/28/16 20:52  | 1              |
| 13C8 PFOS                           | 98               |                  | 45 - 130      |        |      |   | 12/27/16 10:22  | 12/28/16 20:52  | 1              |

**Method: PFC -FOSA - FOSA in Water (LC/MS/MS)**

| Analyte                            | Result | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------------|--------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Perfluorooctane Sulfonamide (FOSA) | 0.0053 | U         | 0.046 | 0.0053 | ug/L |   | 12/28/16 09:49 | 12/29/16 17:39 | 1       |

TestAmerica Denver