

Table 3.11-3
 Brookhaven National Laboratory
 Sewage Treatment Plant and OU V Areas
 Preliminary Phase 4 Monitoring Well Results
 Sampled January 27 – February 3, 2020

2019 BNL Groundwater Status Report

| Well | Screen Interval (ft. BLS) | Aquifer Segment | PFOS (ng/L) | PFOA (ng/L) |
|----------|---------------------------|-----------------|-------------|-------------|
| 037-02 | 31-41 | SG | ND | ND |
| 037-03 | 90-100 | MG | ND | ND |
| 037-04 | 178-188 | DG | ND | ND |
| 038-01 | 5-25 | SG | ND | ND |
| 038-02 | 13-23 | SG | 5.78 | 4.54 |
| 038-05 | 38-43 | SG | 2.82 | 7.02 |
| 038-06 | 39-44 | SG | ND | ND |
| 039-06 | 5-10 | SG | 25 | 19.7 |
| 039-07 | 15-25 | SG | 52.6 | 9.15 |
| 039-08 | 17-27 | SG | 152 | 36.4 |
| 039-86 | 15-35 | SG | 79.6 | 36.8 |
| 039-87 | 14-24 | SG | 2.55 | 39.3 |
| 039-89 | 15-30 | SG | 17.8 | 6.5 |
| 039-90 | 15-30 | SG | 16 | 6 |
| 039-91 | 10-20 | SG | 6.1 | 10.7 |
| 039-115 | 10-25 | SG | 4.55 | 1.96 |
| 048-08 | 10-25 | SG | ND | ND |
| 048-09 | 10-25 | SG | ND | 2.1 |
| 048-10 | 10-25 | SG | 5.09 | 2.25 |
| 049-06 | 175-185 | DG | 0.79J | ND |
| 050-01 | 205-225 | DG | 27.5 | 5.69 |
| 061-03 | 6-16 | SG | 2.04 | 0.89J |
| 061-04 | 90-100 | MG | 7.21 | 0.76J |
| 061-05 | 195-205 | DG | 82.7 | 18 |
| 000-122 | 240-260 | DG | 28.1 | 8.7 |
| 000-123 | 150-170 | DG | 3.81 | 2.71 |
| 000-141 | 37-57 | SG | ND | ND |
| 000-142 | 145-165 | DG | ND | 0.96J |
| 000-143 | 240-260 | MAG | ND | 1.62J |
| 000-147 | 34-54 | SG | 1.66J | 3.7 |
| 000-147D | -- | -- | 1.48J | 4.09 |
| 600-15 | 240-260 | MAG | ND | ND |
| 600-16 | 160-180 | DG | ND | 4.14 |
| 600-18 | 35-55 | SG | ND | ND |
| 600-19 | 50-70 | SG | 2.6 | 5.55 |
| 600-21 | 240-260 | MAG | 1.34J | 1.95 |
| 600-22 | 60-80 | SG | 2.9 | 8.9 |
| 600-24 | 228-248 | MAG | 1.19J | 41 |
| 600-25 | 52-72 | SG | ND | 5.56 |
| 600-27 | 240-260 | MAG | ND | ND |

D: Blind duplicate sample
 ND: Not detected. Typical detection limit for PFOS and PFOA is 2.0 ng/L.
 J: Estimated concentration
 BLS: Blow Land surface
 SG: Shallow Upper Glacial
 MG: Middle Upper Glacial
 DG: Deep Upper Glacial
 MAG: Magothy