NAVFAC
Naval Facilities Engineering Command

Groundwater Sample Results, Electronic Data Deliverable, and Data Validation Report, SDG 1803120

Naval Weapons Industrial Reserve Plant Bethpage
Bethpage, New York

August 2019

"BPSI-TT-MW301S-20180918","Modified EPA 537","Initial","1803120-01","Vista","375-22-4","PFBA","4.12","ng/L","J","3.04","LOD","","TRG","","","8.89","LOQ","YES","-99","","0.113","0.001","5.53",""
"BPSI-TT-MW301S-20180918","Modified EPA 537","Initial","1803120-01","Vista","2706-90-3","PFPeA","4.16","ng/L","J","3.04","LOD","","TRG","","","8.89","LOQ","YES","-99","","0.113","0.001","5.53",""
"BPSI-TT-MW301S-20180918","Modified EPA 537","Initial","1803120-01","Vista","375-73-5","PFBS","5.53","ng/L","UU","3.04","LOD","","TRG","","","8.89","LOQ","YES","-99","","0.113","0.001","5.53",""
"BPSI-TT-MW301S-20180918","Modified EPA 537","Initial","1803120-01","Vista","307-24-4","PFHxA","3.74","ng/L","J","3.04","LOD","","TRG","","","8.89","LOQ","YES","-99","","0.113","0.001","5.53",""
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"BPSI-TT-MW301S-20180918","Modified EPA 537","Initial","1803120-01","Vista","355-46-4","PFHxS","5.53","ng/L","UU","3.04","LOD","","TRG","","","8.89","LOQ","YES","-99","","0.113","0.001","5.53",""
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PFPeA","90.0","%R","","-99","NA","","IS","90.0","","-99","NA","YES","100","","0.113","0.001","-99",""
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PFHpA","104","%R","","-99","NA","","IS","104","","-99","NA","YES","100","","0.113","0.001","-99",""
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PFHxS","109","%R","","-99","NA","","IS","109","","-99","NA","YES","100","","0.113","0.001","-99",""
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FTS","96.4","%R","","-99","NA","","IS","96.4","","-99","NA","YES","100","","0.113","0.001","-99",""
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PFOSA","15.4","%R","H","-99","NA","","IS","15.4","","-99","NA","YES","100","","0.113","0.001","-99",""
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"BPSI-TT-MW301S-20180918","Modified EPA 537","Initial","1803120-01","Vista","13C2-8:2 FTS","13C2-8:2
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MeFOSAA","70.1","%R","","-99","NA","","IS","70.1","","-99","NA","YES","100","","0.113","0.001","-99",""
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EtFOSAA","79.2","%R","","-99","NA","","IS","79.2","","-99","NA","YES","100","","0.113","0.001","-99",""
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PFUnA","81.2","%R","","-99","NA","","IS","81.2","","-99","NA","YES","100","","0.113","0.001","-99",""
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PFDoA","85.3","%R","","-99","NA","","IS","85.3","","-99","NA","YES","100","","0.113","0.001","-99",""
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4","PFBA","4.57","ng/L","J","2.88","LOD","","TRG","","","8.42","LOQ","YES","-99","","0.119","0.001","5.25",""
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3","PFPeA","3.85","ng/L","J","2.88","LOD","","TRG","","","8.42","LOQ","YES","-99","","0.119","0.001","5.25",""
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5","PFBS","5.25","ng/L","UU","2.88","LOD","","TRG","","","8.42","LOQ","YES","-99","","0.119","0.001","5.25",""
"BB-TT-DUP05-20180918","Modified EPA 537","Initial","1803120-02","Vista","307-24-
4","PFHxA","3.85","ng/L","J","2.88","LOD","","TRG","","","8.42","LOQ","YES","-99","","0.119","0.001","5.25",""
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1","PFOA","3.32","ng/L","J","2.88","LOD","","TRG","","","8.42","LOQ","YES","-99","","0.119","0.001","5.25",""
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8","PFHpS","5.25","ng/L","UU","2.88","LOD","","TRG","","","8.42","LOQ","YES","-99","","0.119","0.001","5.25",""
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FTS","87.2","%R","","-99","NA","","IS","87.2","","-99","NA","YES","100","","0.119","0.001","-99",""
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MeFOSAA","64.7","%R","","-99","NA","","IS","64.7","","-99","NA","YES","100","","0.119","0.001","-99",""
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EtFOSAA","70.9","%R","","-99","NA","","IS","70.9","","-99","NA","YES","100","","0.119","0.001","-99",""
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PFUnA","67.5","%R","","-99","NA","","IS","67.5","","-99","NA","YES","100","","0.119","0.001","-99",""
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4","PFBA","4.85","ng/L","J","2.99","LOD","","TRG","","","8.74","LOQ","YES","-99","","0.114","0.001","5.48",""
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3","PFPeA","5.31","ng/L","J","2.99","LOD","","TRG","","","8.74","LOQ","YES","-99","","0.114","0.001","5.48",""
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5","PFBS","5.48","ng/L","UU","2.99","LOD","","TRG","","","8.74","LOQ","YES","-99","","0.114","0.001","5.48",""
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4","PFHxA","4.68","ng/L","J","2.99","LOD","","TRG","","","8.74","LOQ","YES","-99","","0.114","0.001","5.48",""
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9","PFHpA","3.24","ng/L","J,
Q","2.99","LOD","","TRG","","","8.74","LOQ","YES","-99","","0.114","0.001","5.48",""
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4","PFHxS","5.48","ng/L","UU","2.99","LOD","","TRG","","","8.74","LOQ","YES","-99","","0.114","0.001","5.48",""
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1","PFOA","4.09","ng/L","J","2.99","LOD","","TRG","","","8.74","LOQ","YES","-99","","0.114","0.001","5.48",""
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8","PFHpS","5.48","ng/L","UU","2.99","LOD","","TRG","","","8.74","LOQ","YES","-99","","0.114","0.001","5.48",""
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1","PFNA","5.48","ng/L","UU","2.99","LOD","","TRG","","","8.74","LOQ","YES","-99","","0.114","0.001","5.48",""
"BP-HN-MW27I-20180918","Modified EPA 537","Initial","1803120-03","Vista","754-91-
6","PFOSA","5.48","ng/L","UU","2.99","LOD","","TRG","","","8.74","LOQ","YES","-99","","0.114","0.001","5.48","
"
"BP-HN-MW27I-20180918","Modified EPA 537","Initial","1803120-03","Vista","1763-23-
1","PFOS","5.48","ng/L","UU","2.99","LOD","","TRG","","","8.74","LOQ","YES","-99","","0.114","0.001","5.48",""
"BP-HN-MW27I-20180918","Modified EPA 537","Initial","1803120-03","Vista","335-76-
2","PFDA","5.48","ng/L","UU","2.99","LOD","","TRG","","","8.74","LOQ","YES","-99","","0.114","0.001","5.48",""
"BP-HN-MW27I-20180918","Modified EPA 537","Initial","1803120-03","Vista","39108-34-4","8:2
FTS","5.48","ng/L","UU","2.99","LOD","","TRG","","","8.74","LOQ","YES","-99","","0.114","0.001","5.48",""
"BP-HN-MW27I-20180918","Modified EPA 537","Initial","1803120-03","Vista","2355-31-
9","MeFOSAA","5.48","ng/L","UU","2.99","LOD","","TRG","","","8.74","LOQ","YES","-99","","0.114","0.001","5.4
8",""
"BP-HN-MW27I-20180918","Modified EPA 537","Initial","1803120-03","Vista","2991-50-
6","EtFOSAA","5.48","ng/L","UU","2.99","LOD","","TRG","","","8.74","LOQ","YES","-99","","0.114","0.001","5.48
",""
"BP-HN-MW27I-20180918","Modified EPA 537","Initial","1803120-03","Vista","2058-94-
8","PFUnA","3.26","ng/L","J,
Q","2.99","LOD","","TRG","","","8.74","LOQ","YES","-99","","0.114","0.001","5.48",""
"BP-HN-MW27I-20180918","Modified EPA 537","Initial","1803120-03","Vista","335-77-
3","PFDS","5.48","ng/L","UU","2.99","LOD","","TRG","","","8.74","LOQ","YES","-99","","0.114","0.001","5.48",""
"BP-HN-MW27I-20180918","Modified EPA 537","Initial","1803120-03","Vista","307-55-
1","PFDoA","5.48","ng/L","UU","2.99","LOD","","TRG","","","8.74","LOQ","YES","-99","","0.114","0.001","5.48","

"
"BP-HN-MW27I-20180918","Modified EPA 537","Initial","1803120-03","Vista","72629-94-8","PFTrDA","5.48","ng/L","UU","2.99","LOD","","TRG","","","8.74","LOQ","YES","-99","","0.114","0.001","5.48",""
"BP-HN-MW27I-20180918","Modified EPA 537","Initial","1803120-03","Vista","376-06-7","PFTeDA","5.48","ng/L","UU","2.99","LOD","","TRG","","","8.74","LOQ","YES","-99","","0.114","0.001","5.48",""
"BP-HN-MW27I-20180918","Modified EPA 537","Initial","1803120-03","Vista","13C3-PFBA","13C3-PFBA","97.1","%R","","-99","NA","","IS","97.1","","-99","NA","YES","100","","0.114","0.001","-99",""
"BP-HN-MW27I-20180918","Modified EPA 537","Initial","1803120-03","Vista","13C3-PFPeA","13C3-PFPeA","86.2","%R","","-99","NA","","IS","86.2","","-99","NA","YES","100","","0.114","0.001","-99",""
"BP-HN-MW27I-20180918","Modified EPA 537","Initial","1803120-03","Vista","13C3-PFBS","13C3-PFBS","94.0","%R","","-99","NA","","IS","94.0","","-99","NA","YES","100","","0.114","0.001","-99",""
"BP-HN-MW27I-20180918","Modified EPA 537","Initial","1803120-03","Vista","13C2-PFHxA","13C2-PFHxA","93.5","%R","","-99","NA","","IS","93.5","","-99","NA","YES","100","","0.114","0.001","-99",""
"BP-HN-MW27I-20180918","Modified EPA 537","Initial","1803120-03","Vista","13C4-PFHpA","13C4-PFHpA","105","%R","","-99","NA","","IS","105","","-99","NA","YES","100","","0.114","0.001","-99",""
"BP-HN-MW27I-20180918","Modified EPA 537","Initial","1803120-03","Vista","18O2-PFHxS","18O2-PFHxS","100","%R","","-99","NA","","IS","100","","-99","NA","YES","100","","0.114","0.001","-99",""
"BP-HN-MW27I-20180918","Modified EPA 537","Initial","1803120-03","Vista","13C2-6:2 FTS","13C2-6:2 FTS","93.8","%R","","-99","NA","","IS","93.8","","-99","NA","YES","100","","0.114","0.001","-99",""
"BP-HN-MW27I-20180918","Modified EPA 537","Initial","1803120-03","Vista","13C2-PFOA","13C2-PFOA","91.9","%R","","-99","NA","","IS","91.9","","-99","NA","YES","100","","0.114","0.001","-99",""
"BP-HN-MW27I-20180918","Modified EPA 537","Initial","1803120-03","Vista","13C5-PFNA","13C5-PFNA","75.2","%R","","-99","NA","","IS","75.2","","-99","NA","YES","100","","0.114","0.001","-99",""
"BP-HN-MW27I-20180918","Modified EPA 537","Initial","1803120-03","Vista","13C8-PFOSA","13C8-PFOSA","10.6","%R","H","-99","NA","","IS","10.6","","-99","NA","YES","100","","0.114","0.001","-99",""
"BP-HN-MW27I-20180918","Modified EPA 537","Initial","1803120-03","Vista","13C8-PFOS","13C8-PFOS","93.6","%R","","-99","NA","","IS","93.6","","-99","NA","YES","100","","0.114","0.001","-99",""
"BP-HN-MW27I-20180918","Modified EPA 537","Initial","1803120-03","Vista","13C2-PFDA","13C2-PFDA","67.9","%R","","-99","NA","","IS","67.9","","-99","NA","YES","100","","0.114","0.001","-99",""
"BP-HN-MW27I-20180918","Modified EPA 537","Initial","1803120-03","Vista","13C2-8:2 FTS","13C2-8:2 FTS","89.5","%R","","-99","NA","","IS","89.5","","-99","NA","YES","100","","0.114","0.001","-99",""
"BP-HN-MW27I-20180918","Modified EPA 537","Initial","1803120-03","Vista","d3-MeFOSAA","d3-MeFOSAA","65.9","%R","","-99","NA","","IS","65.9","","-99","NA","YES","100","","0.114","0.001","-99",""
"BP-HN-MW27I-20180918","Modified EPA 537","Initial","1803120-03","Vista","d5-EtFOSAA","d5-EtFOSAA","71.1","%R","","-99","NA","","IS","71.1","","-99","NA","YES","100","","0.114","0.001","-99",""
"BP-HN-MW27I-20180918","Modified EPA 537","Initial","1803120-03","Vista","13C2-PFUnA","13C2-PFUnA","73.4","%R","","-99","NA","","IS","73.4","","-99","NA","YES","100","","0.114","0.001","-99",""
"BP-HN-MW27I-20180918","Modified EPA 537","Initial","1803120-03","Vista","13C2-PFDoA","13C2-PFDoA","83.9","%R","","-99","NA","","IS","83.9","","-99","NA","YES","100","","0.114","0.001","-99",""
"BP-HN-MW27I-20180918","Modified EPA 537","Initial","1803120-03","Vista","13C2-PFTeDA","13C2-PFTeDA","92.5","%R","","-99","NA","","IS","92.5","","-99","NA","YES","100","","0.114","0.001","-99",""
"BPSI-TT-MW301D-20180918","Modified EPA 537","Initial","1803120-04","Vista","375-22-4","PFBA","13.3","ng/L","","2.88","LOD","","TRG","","","8.42","LOQ","YES","-99","","0.119","0.001","5.25",""
"BPSI-TT-MW301D-20180918","Modified EPA 537","Initial","1803120-04","Vista","2706-90-3","PFPeA","36.6","ng/L","","2.88","LOD","","TRG","","","8.42","LOQ","YES","-99","","0.119","0.001","5.25",""
"BPSI-TT-MW301D-20180918","Modified EPA 537","Initial","1803120-04","Vista","375-73-5","PFBS","5.25","ng/L","UU","2.88","LOD","","TRG","","","8.42","LOQ","YES","-99","","0.119","0.001","5.25",""
"BPSI-TT-MW301D-20180918","Modified EPA 537","Initial","1803120-04","Vista","307-24-4","PFHxA","25.3","ng/L","","2.88","LOD","","TRG","","","8.42","LOQ","YES","-99","","0.119","0.001","5.25",""
"BPSI-TT-MW301D-20180918","Modified EPA 537","Initial","1803120-04","Vista","375-85-9","PFHpA","15.3","ng/L","","2.88","LOD","","TRG","","","8.42","LOQ","YES","-99","","0.119","0.001","5.25",""
"BPSI-TT-MW301D-20180918","Modified EPA 537","Initial","1803120-04","Vista","355-46-

4","PFHxS","3.91","ng/L","J","2.88","LOD","","TRG","","","8.42","LOQ","YES","-99","","0.119","0.001","5.25",""
"BPSI-TT-MW301D-20180918","Modified EPA 537","Initial","1803120-04","Vista","27619-97-2","6:2
FTS","5.25","ng/L","UU","2.88","LOD","","TRG","","","8.42","LOQ","YES","-99","","0.119","0.001","5.25",""
"BPSI-TT-MW301D-20180918","Modified EPA 537","Initial","1803120-04","Vista","335-67-
1","PFOA","13.9","ng/L","","2.88","LOD","","TRG","","","8.42","LOQ","YES","-99","","0.119","0.001","5.25",""
"BPSI-TT-MW301D-20180918","Modified EPA 537","Initial","1803120-04","Vista","375-92-
8","PFHpS","5.25","ng/L","UU","2.88","LOD","","TRG","","","8.42","LOQ","YES","-99","","0.119","0.001","5.25",""
"BPSI-TT-MW301D-20180918","Modified EPA 537","Initial","1803120-04","Vista","375-95-
1","PFNA","7.92","ng/L","J","2.88","LOD","","TRG","","","8.42","LOQ","YES","-99","","0.119","0.001","5.25",""
"BPSI-TT-MW301D-20180918","Modified EPA 537","Initial","1803120-04","Vista","754-91-
6","PFOSA","5.25","ng/L","UU","2.88","LOD","","TRG","","","8.42","LOQ","YES","-99","","0.119","0.001","5.25","
"
"BPSI-TT-MW301D-20180918","Modified EPA 537","Initial","1803120-04","Vista","1763-23-
1","PFOS","10.1","ng/L","","2.88","LOD","","TRG","","","8.42","LOQ","YES","-99","","0.119","0.001","5.25",""
"BPSI-TT-MW301D-20180918","Modified EPA 537","Initial","1803120-04","Vista","335-76-
2","PFDA","5.25","ng/L","UU","2.88","LOD","","TRG","","","8.42","LOQ","YES","-99","","0.119","0.001","5.25",""
"BPSI-TT-MW301D-20180918","Modified EPA 537","Initial","1803120-04","Vista","39108-34-4","8:2
FTS","5.25","ng/L","UU","2.88","LOD","","TRG","","","8.42","LOQ","YES","-99","","0.119","0.001","5.25",""
"BPSI-TT-MW301D-20180918","Modified EPA 537","Initial","1803120-04","Vista","2355-31-
9","MeFOSAA","5.25","ng/L","UU","2.88","LOD","","TRG","","","8.42","LOQ","YES","-99","","0.119","0.001","5.2
5",""
"BPSI-TT-MW301D-20180918","Modified EPA 537","Initial","1803120-04","Vista","2991-50-
6","EtFOSAA","5.25","ng/L","UU","2.88","LOD","","TRG","","","8.42","LOQ","YES","-99","","0.119","0.001","5.25
",""
"BPSI-TT-MW301D-20180918","Modified EPA 537","Initial","1803120-04","Vista","2058-94-
8","PFUnA","5.25","ng/L","UU","2.88","LOD","","TRG","","","8.42","LOQ","YES","-99","","0.119","0.001","5.25","
"
"BPSI-TT-MW301D-20180918","Modified EPA 537","Initial","1803120-04","Vista","335-77-
3","PFDS","5.25","ng/L","UU","2.88","LOD","","TRG","","","8.42","LOQ","YES","-99","","0.119","0.001","5.25",""
"BPSI-TT-MW301D-20180918","Modified EPA 537","Initial","1803120-04","Vista","307-55-
1","PFDoA","5.25","ng/L","UU","2.88","LOD","","TRG","","","8.42","LOQ","YES","-99","","0.119","0.001","5.25","
"
"BPSI-TT-MW301D-20180918","Modified EPA 537","Initial","1803120-04","Vista","72629-94-
8","PFTrDA","5.25","ng/L","UU","2.88","LOD","","TRG","","","8.42","LOQ","YES","-99","","0.119","0.001","5.25",
""
"BPSI-TT-MW301D-20180918","Modified EPA 537","Initial","1803120-04","Vista","376-06-
7","PFTeDA","5.25","ng/L","UU","2.88","LOD","","TRG","","","8.42","LOQ","YES","-99","","0.119","0.001","5.25",
""
"BPSI-TT-MW301D-20180918","Modified EPA 537","Initial","1803120-04","Vista","13C3-PFBA","13C3-
PFBA","94.1","%R","","-99","NA","","IS","94.1","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPSI-TT-MW301D-20180918","Modified EPA 537","Initial","1803120-04","Vista","13C3-PFPeA","13C3-
PFPeA","88.0","%R","","-99","NA","","IS","88.0","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPSI-TT-MW301D-20180918","Modified EPA 537","Initial","1803120-04","Vista","13C3-PFBS","13C3-
PFBS","90.9","%R","","-99","NA","","IS","90.9","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPSI-TT-MW301D-20180918","Modified EPA 537","Initial","1803120-04","Vista","13C2-PFHxA","13C2-
PFHxA","90.4","%R","","-99","NA","","IS","90.4","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPSI-TT-MW301D-20180918","Modified EPA 537","Initial","1803120-04","Vista","13C4-PFHpA","13C4-
PFHpA","102","%R","","-99","NA","","IS","102","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPSI-TT-MW301D-20180918","Modified EPA 537","Initial","1803120-04","Vista","18O2-PFHxS","18O2-
PFHxS","98.4","%R","","-99","NA","","IS","98.4","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPSI-TT-MW301D-20180918","Modified EPA 537","Initial","1803120-04","Vista","13C2-6:2 FTS","13C2-6:2
FTS","92.5","%R","","-99","NA","","IS","92.5","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPSI-TT-MW301D-20180918","Modified EPA 537","Initial","1803120-04","Vista","13C2-PFOA","13C2-
PFOA","87.0","%R","","-99","NA","","IS","87.0","","-99","NA","YES","100","","0.119","0.001","-99",""

"BPSI-TT-MW301D-20180918","Modified EPA 537","Initial","1803120-04","Vista","13C5-PFNA","13C5-PFNA","78.4","%R","","-99","NA","","IS","78.4","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPSI-TT-MW301D-20180918","Modified EPA 537","Initial","1803120-04","Vista","13C8-PFOSA","13C8-PFOSA","15.9","%R","H","-99","NA","","IS","15.9","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPSI-TT-MW301D-20180918","Modified EPA 537","Initial","1803120-04","Vista","13C8-PFOS","13C8-PFOS","90.0","%R","","-99","NA","","IS","90.0","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPSI-TT-MW301D-20180918","Modified EPA 537","Initial","1803120-04","Vista","13C2-PFDA","13C2-PFDA","71.0","%R","","-99","NA","","IS","71.0","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPSI-TT-MW301D-20180918","Modified EPA 537","Initial","1803120-04","Vista","13C2-8:2 FTS","13C2-8:2 FTS","90.2","%R","","-99","NA","","IS","90.2","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPSI-TT-MW301D-20180918","Modified EPA 537","Initial","1803120-04","Vista","d3-MeFOSAA","d3-MeFOSAA","62.3","%R","","-99","NA","","IS","62.3","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPSI-TT-MW301D-20180918","Modified EPA 537","Initial","1803120-04","Vista","d5-EtFOSAA","d5-EtFOSAA","66.0","%R","","-99","NA","","IS","66.0","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPSI-TT-MW301D-20180918","Modified EPA 537","Initial","1803120-04","Vista","13C2-PFUnA","13C2-PFUnA","79.8","%R","","-99","NA","","IS","79.8","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPSI-TT-MW301D-20180918","Modified EPA 537","Initial","1803120-04","Vista","13C2-PFDoA","13C2-PFDoA","87.5","%R","","-99","NA","","IS","87.5","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPSI-TT-MW301D-20180918","Modified EPA 537","Initial","1803120-04","Vista","13C2-PFTeDA","13C2-PFTeDA","95.6","%R","","-99","NA","","IS","95.6","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPSI-TT-MW301I-20180918","Modified EPA 537","Initial","1803120-05","Vista","375-22-4","PFBA","3.69","ng/L","J","2.91","LOD","","TRG","","","8.50","LOQ","YES","-99","","0.118","0.001","5.30",""
"BPSI-TT-MW301I-20180918","Modified EPA 537","Initial","1803120-05","Vista","2706-90-3","PFPeA","3.65","ng/L","J","2.91","LOD","","TRG","","","8.50","LOQ","YES","-99","","0.118","0.001","5.30",""
"BPSI-TT-MW301I-20180918","Modified EPA 537","Initial","1803120-05","Vista","375-73-5","PFBS","5.30","ng/L","UU","2.91","LOD","","TRG","","","8.50","LOQ","YES","-99","","0.118","0.001","5.30",""
"BPSI-TT-MW301I-20180918","Modified EPA 537","Initial","1803120-05","Vista","307-24-4","PFHxA","3.80","ng/L","J","2.91","LOD","","TRG","","","8.50","LOQ","YES","-99","","0.118","0.001","5.30",""
"BPSI-TT-MW301I-20180918","Modified EPA 537","Initial","1803120-05","Vista","375-85-9","PFHpA","2.98","ng/L","J,
Q","2.91","LOD","","TRG","","","8.50","LOQ","YES","-99","","0.118","0.001","5.30",""
"BPSI-TT-MW301I-20180918","Modified EPA 537","Initial","1803120-05","Vista","355-46-4","PFHxS","5.30","ng/L","UU","2.91","LOD","","TRG","","","8.50","LOQ","YES","-99","","0.118","0.001","5.30",""
"BPSI-TT-MW301I-20180918","Modified EPA 537","Initial","1803120-05","Vista","27619-97-2","6:2 FTS","5.30","ng/L","UU","2.91","LOD","","TRG","","","8.50","LOQ","YES","-99","","0.118","0.001","5.30",""
"BPSI-TT-MW301I-20180918","Modified EPA 537","Initial","1803120-05","Vista","335-67-1","PFOA","5.30","ng/L","UU","2.91","LOD","","TRG","","","8.50","LOQ","YES","-99","","0.118","0.001","5.30",""
"BPSI-TT-MW301I-20180918","Modified EPA 537","Initial","1803120-05","Vista","375-92-8","PFHpS","5.30","ng/L","UU","2.91","LOD","","TRG","","","8.50","LOQ","YES","-99","","0.118","0.001","5.30",""
"BPSI-TT-MW301I-20180918","Modified EPA 537","Initial","1803120-05","Vista","375-95-1","PFNA","5.30","ng/L","UU","2.91","LOD","","TRG","","","8.50","LOQ","YES","-99","","0.118","0.001","5.30",""
"BPSI-TT-MW301I-20180918","Modified EPA 537","Initial","1803120-05","Vista","754-91-6","PFOSA","5.30","ng/L","UU","2.91","LOD","","TRG","","","8.50","LOQ","YES","-99","","0.118","0.001","5.30","
"
"BPSI-TT-MW301I-20180918","Modified EPA 537","Initial","1803120-05","Vista","1763-23-1","PFOS","5.30","ng/L","UU","2.91","LOD","","TRG","","","8.50","LOQ","YES","-99","","0.118","0.001","5.30",""
"BPSI-TT-MW301I-20180918","Modified EPA 537","Initial","1803120-05","Vista","335-76-2","PFDA","5.30","ng/L","UU","2.91","LOD","","TRG","","","8.50","LOQ","YES","-99","","0.118","0.001","5.30",""
"BPSI-TT-MW301I-20180918","Modified EPA 537","Initial","1803120-05","Vista","39108-34-4","8:2 FTS","5.30","ng/L","UU","2.91","LOD","","TRG","","","8.50","LOQ","YES","-99","","0.118","0.001","5.30",""
"BPSI-TT-MW301I-20180918","Modified EPA 537","Initial","1803120-05","Vista","2355-31-9","MeFOSAA","5.30","ng/L","UU","2.91","LOD","","TRG","","","8.50","LOQ","YES","-99","","0.118","0.001","5.30",""
"BPSI-TT-MW301I-20180918","Modified EPA 537","Initial","1803120-05","Vista","2991-50-

6","EtFOSAA","5.30","ng/L","UU","2.91","LOD","","TRG","","","8.50","LOQ","YES","-99","","0.118","0.001","5.30
","",
"BPSI-TT-MW301I-20180918","Modified EPA 537","Initial","1803120-05","Vista","2058-94-
8","PFUnA","5.30","ng/L","UU","2.91","LOD","","TRG","","","8.50","LOQ","YES","-99","","0.118","0.001","5.30","
"
"BPSI-TT-MW301I-20180918","Modified EPA 537","Initial","1803120-05","Vista","335-77-
3","PFDS","5.30","ng/L","UU","2.91","LOD","","TRG","","","8.50","LOQ","YES","-99","","0.118","0.001","5.30",""
"BPSI-TT-MW301I-20180918","Modified EPA 537","Initial","1803120-05","Vista","307-55-
1","PFDoA","5.30","ng/L","UU","2.91","LOD","","TRG","","","8.50","LOQ","YES","-99","","0.118","0.001","5.30","
"
"BPSI-TT-MW301I-20180918","Modified EPA 537","Initial","1803120-05","Vista","72629-94-
8","PFTrDA","5.30","ng/L","UU","2.91","LOD","","TRG","","","8.50","LOQ","YES","-99","","0.118","0.001","5.30",
""
"BPSI-TT-MW301I-20180918","Modified EPA 537","Initial","1803120-05","Vista","376-06-
7","PFTeDA","5.30","ng/L","UU","2.91","LOD","","TRG","","","8.50","LOQ","YES","-99","","0.118","0.001","5.30",
""
"BPSI-TT-MW301I-20180918","Modified EPA 537","Initial","1803120-05","Vista","13C3-PFBA","13C3-
PFBA","97.1","%R","","-99","NA","","IS","97.1","","-99","NA","YES","100","","0.118","0.001","-99",""
"BPSI-TT-MW301I-20180918","Modified EPA 537","Initial","1803120-05","Vista","13C3-PFPeA","13C3-
PFPeA","88.8","%R","","-99","NA","","IS","88.8","","-99","NA","YES","100","","0.118","0.001","-99",""
"BPSI-TT-MW301I-20180918","Modified EPA 537","Initial","1803120-05","Vista","13C3-PFBS","13C3-
PFBS","90.2","%R","","-99","NA","","IS","90.2","","-99","NA","YES","100","","0.118","0.001","-99",""
"BPSI-TT-MW301I-20180918","Modified EPA 537","Initial","1803120-05","Vista","13C2-PFHxA","13C2-
PFHxA","94.0","%R","","-99","NA","","IS","94.0","","-99","NA","YES","100","","0.118","0.001","-99",""
"BPSI-TT-MW301I-20180918","Modified EPA 537","Initial","1803120-05","Vista","13C4-PFHpA","13C4-
PFHpA","107","%R","","-99","NA","","IS","107","","-99","NA","YES","100","","0.118","0.001","-99",""
"BPSI-TT-MW301I-20180918","Modified EPA 537","Initial","1803120-05","Vista","18O2-PFHxS","18O2-
PFHxS","98.2","%R","","-99","NA","","IS","98.2","","-99","NA","YES","100","","0.118","0.001","-99",""
"BPSI-TT-MW301I-20180918","Modified EPA 537","Initial","1803120-05","Vista","13C2-6:2 FTS","13C2-6:2
FTS","93.9","%R","","-99","NA","","IS","93.9","","-99","NA","YES","100","","0.118","0.001","-99",""
"BPSI-TT-MW301I-20180918","Modified EPA 537","Initial","1803120-05","Vista","13C2-PFOA","13C2-
PFOA","89.1","%R","","-99","NA","","IS","89.1","","-99","NA","YES","100","","0.118","0.001","-99",""
"BPSI-TT-MW301I-20180918","Modified EPA 537","Initial","1803120-05","Vista","13C5-PFNA","13C5-
PFNA","74.0","%R","","-99","NA","","IS","74.0","","-99","NA","YES","100","","0.118","0.001","-99",""
"BPSI-TT-MW301I-20180918","Modified EPA 537","Initial","1803120-05","Vista","13C8-PFOSA","13C8-
PFOSA","10.0","%R","H","-99","NA","","IS","10.0","","-99","NA","YES","100","","0.118","0.001","-99",""
"BPSI-TT-MW301I-20180918","Modified EPA 537","Initial","1803120-05","Vista","13C8-PFOS","13C8-
PFOS","94.0","%R","","-99","NA","","IS","94.0","","-99","NA","YES","100","","0.118","0.001","-99",""
"BPSI-TT-MW301I-20180918","Modified EPA 537","Initial","1803120-05","Vista","13C2-PFDA","13C2-
PFDA","60.6","%R","","-99","NA","","IS","60.6","","-99","NA","YES","100","","0.118","0.001","-99",""
"BPSI-TT-MW301I-20180918","Modified EPA 537","Initial","1803120-05","Vista","13C2-8:2 FTS","13C2-8:2
FTS","90.6","%R","","-99","NA","","IS","90.6","","-99","NA","YES","100","","0.118","0.001","-99",""
"BPSI-TT-MW301I-20180918","Modified EPA 537","Initial","1803120-05","Vista","d3-MeFOSAA","d3-
MeFOSAA","59.4","%R","","-99","NA","","IS","59.4","","-99","NA","YES","100","","0.118","0.001","-99",""
"BPSI-TT-MW301I-20180918","Modified EPA 537","Initial","1803120-05","Vista","d5-EtFOSAA","d5-
EtFOSAA","64.3","%R","","-99","NA","","IS","64.3","","-99","NA","YES","100","","0.118","0.001","-99",""
"BPSI-TT-MW301I-20180918","Modified EPA 537","Initial","1803120-05","Vista","13C2-PFUnA","13C2-
PFUnA","66.5","%R","","-99","NA","","IS","66.5","","-99","NA","YES","100","","0.118","0.001","-99",""
"BPSI-TT-MW301I-20180918","Modified EPA 537","Initial","1803120-05","Vista","13C2-PFDoA","13C2-
PFDoA","73.3","%R","","-99","NA","","IS","73.3","","-99","NA","YES","100","","0.118","0.001","-99",""
"BPSI-TT-MW301I-20180918","Modified EPA 537","Initial","1803120-05","Vista","13C2-PFTeDA","13C2-
PFTeDA","90.0","%R","","-99","NA","","IS","90.0","","-99","NA","YES","100","","0.118","0.001","-99",""
"BP-MH-SW4001-20180918","Modified EPA 537","Initial","1803120-06","Vista","375-22-
4","PFBA","14.4","ng/L","","2.87","LOD","","TRG","","","8.38","LOQ","YES","-99","","0.119","0.001","5.25",""

"BP-MH-SW4001-20180918","Modified EPA 537","Initial","1803120-06","Vista","2706-90-3","PFPeA","34.8","ng/L","","2.87","LOD","","TRG","","","8.38","LOQ","YES","-99","","0.119","0.001","5.25",""
"BP-MH-SW4001-20180918","Modified EPA 537","Initial","1803120-06","Vista","375-73-5","PFBS","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.38","LOQ","YES","-99","","0.119","0.001","5.25",""
"BP-MH-SW4001-20180918","Modified EPA 537","Initial","1803120-06","Vista","307-24-4","PFHxA","24.4","ng/L","","2.87","LOD","","TRG","","","8.38","LOQ","YES","-99","","0.119","0.001","5.25",""
"BP-MH-SW4001-20180918","Modified EPA 537","Initial","1803120-06","Vista","375-85-9","PFHpA","14.7","ng/L","","2.87","LOD","","TRG","","","8.38","LOQ","YES","-99","","0.119","0.001","5.25",""
"BP-MH-SW4001-20180918","Modified EPA 537","Initial","1803120-06","Vista","355-46-4","PFHxS","4.62","ng/L","J,
Q","2.87","LOD","","TRG","","","8.38","LOQ","YES","-99","","0.119","0.001","5.25",""
"BP-MH-SW4001-20180918","Modified EPA 537","Initial","1803120-06","Vista","27619-97-2","6:2 FTS","9.64","ng/L","","2.87","LOD","","TRG","","","8.38","LOQ","YES","-99","","0.119","0.001","5.25",""
"BP-MH-SW4001-20180918","Modified EPA 537","Initial","1803120-06","Vista","335-67-1","PFOA","17.0","ng/L","","2.87","LOD","","TRG","","","8.38","LOQ","YES","-99","","0.119","0.001","5.25",""
"BP-MH-SW4001-20180918","Modified EPA 537","Initial","1803120-06","Vista","375-92-8","PFHpS","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.38","LOQ","YES","-99","","0.119","0.001","5.25",""
"BP-MH-SW4001-20180918","Modified EPA 537","Initial","1803120-06","Vista","375-95-1","PFNA","6.97","ng/L","J","2.87","LOD","","TRG","","","8.38","LOQ","YES","-99","","0.119","0.001","5.25",""
"BP-MH-SW4001-20180918","Modified EPA 537","Initial","1803120-06","Vista","754-91-6","PFOSA","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.38","LOQ","YES","-99","","0.119","0.001","5.25","
"
"BP-MH-SW4001-20180918","Modified EPA 537","Initial","1803120-06","Vista","1763-23-1","PFOS","11.1","ng/L","","2.87","LOD","","TRG","","","8.38","LOQ","YES","-99","","0.119","0.001","5.25",""
"BP-MH-SW4001-20180918","Modified EPA 537","Initial","1803120-06","Vista","335-76-2","PFDA","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.38","LOQ","YES","-99","","0.119","0.001","5.25",""
"BP-MH-SW4001-20180918","Modified EPA 537","Initial","1803120-06","Vista","39108-34-4","8:2 FTS","4.88","ng/L","J","2.87","LOD","","TRG","","","8.38","LOQ","YES","-99","","0.119","0.001","5.25",""
"BP-MH-SW4001-20180918","Modified EPA 537","Initial","1803120-06","Vista","2355-31-9","MeFOSAA","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.38","LOQ","YES","-99","","0.119","0.001","5.25",""
"BP-MH-SW4001-20180918","Modified EPA 537","Initial","1803120-06","Vista","2991-50-6","EtFOSAA","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.38","LOQ","YES","-99","","0.119","0.001","5.25","",""
,
"BP-MH-SW4001-20180918","Modified EPA 537","Initial","1803120-06","Vista","2058-94-8","PFUnA","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.38","LOQ","YES","-99","","0.119","0.001","5.25","
"
"BP-MH-SW4001-20180918","Modified EPA 537","Initial","1803120-06","Vista","335-77-3","PFDS","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.38","LOQ","YES","-99","","0.119","0.001","5.25",""
"BP-MH-SW4001-20180918","Modified EPA 537","Initial","1803120-06","Vista","307-55-1","PFDoA","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.38","LOQ","YES","-99","","0.119","0.001","5.25","
"
"BP-MH-SW4001-20180918","Modified EPA 537","Initial","1803120-06","Vista","72629-94-8","PFTrDA","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.38","LOQ","YES","-99","","0.119","0.001","5.25",
""
"BP-MH-SW4001-20180918","Modified EPA 537","Initial","1803120-06","Vista","376-06-7","PFTeDA","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.38","LOQ","YES","-99","","0.119","0.001","5.25",
""
"BP-MH-SW4001-20180918","Modified EPA 537","Initial","1803120-06","Vista","13C3-PFBA","13C3-PFBA","95.9","%R","","-99","NA","","IS","95.9","","-99","NA","YES","100","","0.119","0.001","-99",""
"BP-MH-SW4001-20180918","Modified EPA 537","Initial","1803120-06","Vista","13C3-PFPeA","13C3-PFPeA","86.7","%R","","-99","NA","","IS","86.7","","-99","NA","YES","100","","0.119","0.001","-99",""
"BP-MH-SW4001-20180918","Modified EPA 537","Initial","1803120-06","Vista","13C3-PFBS","13C3-PFBS","88.7","%R","","-99","NA","","IS","88.7","","-99","NA","YES","100","","0.119","0.001","-99",""

"BP-MH-SW4001-20180918","Modified EPA 537","Initial","1803120-06","Vista","13C2-PFHxA","13C2-
PFHxA","90.5","%R","","-99","NA","","IS","90.5","","-99","NA","YES","100","","0.119","0.001","-99",""
"BP-MH-SW4001-20180918","Modified EPA 537","Initial","1803120-06","Vista","13C4-PFHpA","13C4-
PFHpA","98.8","%R","","-99","NA","","IS","98.8","","-99","NA","YES","100","","0.119","0.001","-99",""
"BP-MH-SW4001-20180918","Modified EPA 537","Initial","1803120-06","Vista","18O2-PFHxS","18O2-
PFHxS","99.1","%R","","-99","NA","","IS","99.1","","-99","NA","YES","100","","0.119","0.001","-99",""
"BP-MH-SW4001-20180918","Modified EPA 537","Initial","1803120-06","Vista","13C2-6:2 FTS","13C2-6:2
FTS","91.9","%R","","-99","NA","","IS","91.9","","-99","NA","YES","100","","0.119","0.001","-99",""
"BP-MH-SW4001-20180918","Modified EPA 537","Initial","1803120-06","Vista","13C2-PFOA","13C2-
PFOA","90.6","%R","","-99","NA","","IS","90.6","","-99","NA","YES","100","","0.119","0.001","-99",""
"BP-MH-SW4001-20180918","Modified EPA 537","Initial","1803120-06","Vista","13C5-PFNA","13C5-
PFNA","78.7","%R","","-99","NA","","IS","78.7","","-99","NA","YES","100","","0.119","0.001","-99",""
"BP-MH-SW4001-20180918","Modified EPA 537","Initial","1803120-06","Vista","13C8-PFOSA","13C8-
PFOSA","10.4","%R","H","-99","NA","","IS","10.4","","-99","NA","YES","100","","0.119","0.001","-99",""
"BP-MH-SW4001-20180918","Modified EPA 537","Initial","1803120-06","Vista","13C8-PFOS","13C8-
PFOS","94.5","%R","","-99","NA","","IS","94.5","","-99","NA","YES","100","","0.119","0.001","-99",""
"BP-MH-SW4001-20180918","Modified EPA 537","Initial","1803120-06","Vista","13C2-PFDA","13C2-
PFDA","70.7","%R","","-99","NA","","IS","70.7","","-99","NA","YES","100","","0.119","0.001","-99",""
"BP-MH-SW4001-20180918","Modified EPA 537","Initial","1803120-06","Vista","13C2-8:2 FTS","13C2-8:2
FTS","93.5","%R","","-99","NA","","IS","93.5","","-99","NA","YES","100","","0.119","0.001","-99",""
"BP-MH-SW4001-20180918","Modified EPA 537","Initial","1803120-06","Vista","d3-MeFOSAA","d3-
MeFOSAA","70.6","%R","","-99","NA","","IS","70.6","","-99","NA","YES","100","","0.119","0.001","-99",""
"BP-MH-SW4001-20180918","Modified EPA 537","Initial","1803120-06","Vista","d5-EtFOSAA","d5-
EtFOSAA","70.3","%R","","-99","NA","","IS","70.3","","-99","NA","YES","100","","0.119","0.001","-99",""
"BP-MH-SW4001-20180918","Modified EPA 537","Initial","1803120-06","Vista","13C2-PFUnA","13C2-
PFUnA","76.5","%R","","-99","NA","","IS","76.5","","-99","NA","YES","100","","0.119","0.001","-99",""
"BP-MH-SW4001-20180918","Modified EPA 537","Initial","1803120-06","Vista","13C2-PFDoA","13C2-
PFDoA","84.6","%R","","-99","NA","","IS","84.6","","-99","NA","YES","100","","0.119","0.001","-99",""
"BP-MH-SW4001-20180918","Modified EPA 537","Initial","1803120-06","Vista","13C2-PFTeDA","13C2-
PFTeDA","99.8","%R","","-99","NA","","IS","99.8","","-99","NA","YES","100","","0.119","0.001","-99",""
"BP-TT-SW4004-20180918","Modified EPA 537","Initial","1803120-07","Vista","375-22-
4","PFBA","5.39","ng/L","UU","2.96","LOD","","TRG","","","8.64","LOQ","YES","-99","","0.116","0.001","5.39",""
"BP-TT-SW4004-20180918","Modified EPA 537","Initial","1803120-07","Vista","2706-90-
3","PFPeA","5.39","ng/L","UU","2.96","LOD","","TRG","","","8.64","LOQ","YES","-99","","0.116","0.001","5.39",""
"BP-TT-SW4004-20180918","Modified EPA 537","Initial","1803120-07","Vista","375-73-
5","PFBS","5.39","ng/L","UU","2.96","LOD","","TRG","","","8.64","LOQ","YES","-99","","0.116","0.001","5.39",""
"BP-TT-SW4004-20180918","Modified EPA 537","Initial","1803120-07","Vista","307-24-
4","PFHxA","5.44","ng/L","J","2.96","LOD","","TRG","","","8.64","LOQ","YES","-99","","0.116","0.001","5.39",""
"BP-TT-SW4004-20180918","Modified EPA 537","Initial","1803120-07","Vista","375-85-
9","PFHpA","5.39","ng/L","UU","2.96","LOD","","TRG","","","8.64","LOQ","YES","-99","","0.116","0.001","5.39","
"
"BP-TT-SW4004-20180918","Modified EPA 537","Initial","1803120-07","Vista","355-46-
4","PFHxS","5.39","ng/L","UU","2.96","LOD","","TRG","","","8.64","LOQ","YES","-99","","0.116","0.001","5.39",""
"BP-TT-SW4004-20180918","Modified EPA 537","Initial","1803120-07","Vista","27619-97-2","6:2
FTS","5.39","ng/L","UU","2.96","LOD","","TRG","","","8.64","LOQ","YES","-99","","0.116","0.001","5.39",""
"BP-TT-SW4004-20180918","Modified EPA 537","Initial","1803120-07","Vista","335-67-
1","PFOA","5.39","ng/L","UU","2.96","LOD","","TRG","","","8.64","LOQ","YES","-99","","0.116","0.001","5.39",""
"BP-TT-SW4004-20180918","Modified EPA 537","Initial","1803120-07","Vista","375-92-
8","PFHpS","5.39","ng/L","UU","2.96","LOD","","TRG","","","8.64","LOQ","YES","-99","","0.116","0.001","5.39",""
"BP-TT-SW4004-20180918","Modified EPA 537","Initial","1803120-07","Vista","375-95-
1","PFNA","5.39","ng/L","UU","2.96","LOD","","TRG","","","8.64","LOQ","YES","-99","","0.116","0.001","5.39",""
"BP-TT-SW4004-20180918","Modified EPA 537","Initial","1803120-07","Vista","754-91-
6","PFOSA","5.39","ng/L","UU","2.96","LOD","","TRG","","","8.64","LOQ","YES","-99","","0.116","0.001","5.39","
"

"BP-TT-SW4004-20180918","Modified EPA 537","Initial","1803120-07","Vista","1763-23-1","PFOS","5.39","ng/L","UU","2.96","LOD","","TRG","","","8.64","LOQ","YES","-99","","0.116","0.001","5.39",""
"BP-TT-SW4004-20180918","Modified EPA 537","Initial","1803120-07","Vista","335-76-2","PFDA","5.39","ng/L","UU","2.96","LOD","","TRG","","","8.64","LOQ","YES","-99","","0.116","0.001","5.39",""
"BP-TT-SW4004-20180918","Modified EPA 537","Initial","1803120-07","Vista","39108-34-4","8:2 FTS","5.39","ng/L","UU","2.96","LOD","","TRG","","","8.64","LOQ","YES","-99","","0.116","0.001","5.39",""
"BP-TT-SW4004-20180918","Modified EPA 537","Initial","1803120-07","Vista","2355-31-9","MeFOSAA","5.39","ng/L","UU","2.96","LOD","","TRG","","","8.64","LOQ","YES","-99","","0.116","0.001","5.39",""
"BP-TT-SW4004-20180918","Modified EPA 537","Initial","1803120-07","Vista","2991-50-6","EtFOSAA","5.39","ng/L","UU","2.96","LOD","","TRG","","","8.64","LOQ","YES","-99","","0.116","0.001","5.39","",""
"BP-TT-SW4004-20180918","Modified EPA 537","Initial","1803120-07","Vista","2058-94-8","PFUnA","5.39","ng/L","UU","2.96","LOD","","TRG","","","8.64","LOQ","YES","-99","","0.116","0.001","5.39","",""
"BP-TT-SW4004-20180918","Modified EPA 537","Initial","1803120-07","Vista","335-77-3","PFDS","5.39","ng/L","UU","2.96","LOD","","TRG","","","8.64","LOQ","YES","-99","","0.116","0.001","5.39",""
"BP-TT-SW4004-20180918","Modified EPA 537","Initial","1803120-07","Vista","307-55-1","PFDoA","5.39","ng/L","UU","2.96","LOD","","TRG","","","8.64","LOQ","YES","-99","","0.116","0.001","5.39","",""
"BP-TT-SW4004-20180918","Modified EPA 537","Initial","1803120-07","Vista","72629-94-8","PFTrDA","5.39","ng/L","UU","2.96","LOD","","TRG","","","8.64","LOQ","YES","-99","","0.116","0.001","5.39","",""
"BP-TT-SW4004-20180918","Modified EPA 537","Initial","1803120-07","Vista","376-06-7","PFTeDA","5.39","ng/L","UU","2.96","LOD","","TRG","","","8.64","LOQ","YES","-99","","0.116","0.001","5.39","",""
"BP-TT-SW4004-20180918","Modified EPA 537","Initial","1803120-07","Vista","13C3-PFBA","13C3-PFBA","94.4","%R","","-99","NA","","IS","94.4","","-99","NA","YES","100","","0.116","0.001","-99",""
"BP-TT-SW4004-20180918","Modified EPA 537","Initial","1803120-07","Vista","13C3-PFPeA","13C3-PFPeA","90.5","%R","","-99","NA","","IS","90.5","","-99","NA","YES","100","","0.116","0.001","-99",""
"BP-TT-SW4004-20180918","Modified EPA 537","Initial","1803120-07","Vista","13C3-PFBS","13C3-PFBS","86.1","%R","","-99","NA","","IS","86.1","","-99","NA","YES","100","","0.116","0.001","-99",""
"BP-TT-SW4004-20180918","Modified EPA 537","Initial","1803120-07","Vista","13C2-PFHxA","13C2-PFHxA","90.1","%R","","-99","NA","","IS","90.1","","-99","NA","YES","100","","0.116","0.001","-99",""
"BP-TT-SW4004-20180918","Modified EPA 537","Initial","1803120-07","Vista","13C4-PFHpA","13C4-PFHpA","100","%R","","-99","NA","","IS","100","","-99","NA","YES","100","","0.116","0.001","-99",""
"BP-TT-SW4004-20180918","Modified EPA 537","Initial","1803120-07","Vista","18O2-PFHxS","18O2-PFHxS","92.3","%R","","-99","NA","","IS","92.3","","-99","NA","YES","100","","0.116","0.001","-99",""
"BP-TT-SW4004-20180918","Modified EPA 537","Initial","1803120-07","Vista","13C2-6:2 FTS","13C2-6:2 FTS","95.0","%R","","-99","NA","","IS","95.0","","-99","NA","YES","100","","0.116","0.001","-99",""
"BP-TT-SW4004-20180918","Modified EPA 537","Initial","1803120-07","Vista","13C2-PFOA","13C2-PFOA","90.8","%R","","-99","NA","","IS","90.8","","-99","NA","YES","100","","0.116","0.001","-99",""
"BP-TT-SW4004-20180918","Modified EPA 537","Initial","1803120-07","Vista","13C5-PFNA","13C5-PFNA","87.6","%R","","-99","NA","","IS","87.6","","-99","NA","YES","100","","0.116","0.001","-99",""
"BP-TT-SW4004-20180918","Modified EPA 537","Initial","1803120-07","Vista","13C8-PFOSA","13C8-PFOSA","43.9","%R","H","-99","NA","","IS","43.9","","-99","NA","YES","100","","0.116","0.001","-99",""
"BP-TT-SW4004-20180918","Modified EPA 537","Initial","1803120-07","Vista","13C8-PFOS","13C8-PFOS","103","%R","","-99","NA","","IS","103","","-99","NA","YES","100","","0.116","0.001","-99",""
"BP-TT-SW4004-20180918","Modified EPA 537","Initial","1803120-07","Vista","13C2-PFDA","13C2-PFDA","72.0","%R","","-99","NA","","IS","72.0","","-99","NA","YES","100","","0.116","0.001","-99",""
"BP-TT-SW4004-20180918","Modified EPA 537","Initial","1803120-07","Vista","13C2-8:2 FTS","13C2-8:2 FTS","94.1","%R","","-99","NA","","IS","94.1","","-99","NA","YES","100","","0.116","0.001","-99",""
"BP-TT-SW4004-20180918","Modified EPA 537","Initial","1803120-07","Vista","d3-MeFOSAA","d3-MeFOSAA","68.6","%R","","-99","NA","","IS","68.6","","-99","NA","YES","100","","0.116","0.001","-99",""

"BP-TT-SW4004-20180918","Modified EPA 537","Initial","1803120-07","Vista","d5-EtFOSAA","d5-EtFOSAA","76.2","%R","","-99","NA","","IS","76.2","","-99","NA","YES","100","","0.116","0.001","-99",""
"BP-TT-SW4004-20180918","Modified EPA 537","Initial","1803120-07","Vista","13C2-PFUnA","13C2-PFUnA","80.4","%R","","-99","NA","","IS","80.4","","-99","NA","YES","100","","0.116","0.001","-99",""
"BP-TT-SW4004-20180918","Modified EPA 537","Initial","1803120-07","Vista","13C2-PFDoA","13C2-PFDoA","80.6","%R","","-99","NA","","IS","80.6","","-99","NA","YES","100","","0.116","0.001","-99",""
"BP-TT-SW4004-20180918","Modified EPA 537","Initial","1803120-07","Vista","13C2-PFTeDA","13C2-PFTeDA","102","%R","","-99","NA","","IS","102","","-99","NA","YES","100","","0.116","0.001","-99",""
"BP-TT-SW4002-20180918","Modified EPA 537","Initial","1803120-08","Vista","375-22-4","PFBA","12.0","ng/L","","2.94","LOD","","TRG","","","8.58","LOQ","YES","-99","","0.117","0.001","5.34",""
"BP-TT-SW4002-20180918","Modified EPA 537","Initial","1803120-08","Vista","2706-90-3","PFPeA","14.9","ng/L","","2.94","LOD","","TRG","","","8.58","LOQ","YES","-99","","0.117","0.001","5.34",""
"BP-TT-SW4002-20180918","Modified EPA 537","Initial","1803120-08","Vista","375-73-5","PFBS","5.34","ng/L","UU","2.94","LOD","","TRG","","","8.58","LOQ","YES","-99","","0.117","0.001","5.34",""
"BP-TT-SW4002-20180918","Modified EPA 537","Initial","1803120-08","Vista","307-24-4","PFHxA","16.2","ng/L","","2.94","LOD","","TRG","","","8.58","LOQ","YES","-99","","0.117","0.001","5.34",""
"BP-TT-SW4002-20180918","Modified EPA 537","Initial","1803120-08","Vista","375-85-9","PFHpA","9.37","ng/L","","2.94","LOD","","TRG","","","8.58","LOQ","YES","-99","","0.117","0.001","5.34",""
"BP-TT-SW4002-20180918","Modified EPA 537","Initial","1803120-08","Vista","355-46-4","PFHxS","5.34","ng/L","UU","2.94","LOD","","TRG","","","8.58","LOQ","YES","-99","","0.117","0.001","5.34",""
"BP-TT-SW4002-20180918","Modified EPA 537","Initial","1803120-08","Vista","27619-97-2","6:2 FTS","5.02","ng/L","J","2.94","LOD","","TRG","","","8.58","LOQ","YES","-99","","0.117","0.001","5.34",""
"BP-TT-SW4002-20180918","Modified EPA 537","Initial","1803120-08","Vista","335-67-1","PFOA","11.2","ng/L","","2.94","LOD","","TRG","","","8.58","LOQ","YES","-99","","0.117","0.001","5.34",""
"BP-TT-SW4002-20180918","Modified EPA 537","Initial","1803120-08","Vista","375-92-8","PFHpS","5.34","ng/L","UU","2.94","LOD","","TRG","","","8.58","LOQ","YES","-99","","0.117","0.001","5.34",""
"BP-TT-SW4002-20180918","Modified EPA 537","Initial","1803120-08","Vista","375-95-1","PFNA","4.71","ng/L","J","2.94","LOD","","TRG","","","8.58","LOQ","YES","-99","","0.117","0.001","5.34",""
"BP-TT-SW4002-20180918","Modified EPA 537","Initial","1803120-08","Vista","754-91-6","PFOSA","5.34","ng/L","UU","2.94","LOD","","TRG","","","8.58","LOQ","YES","-99","","0.117","0.001","5.34","
"
"BP-TT-SW4002-20180918","Modified EPA 537","Initial","1803120-08","Vista","1763-23-1","PFOS","8.40","ng/L","J","2.94","LOD","","TRG","","","8.58","LOQ","YES","-99","","0.117","0.001","5.34",""
"BP-TT-SW4002-20180918","Modified EPA 537","Initial","1803120-08","Vista","335-76-2","PFDA","5.34","ng/L","UU","2.94","LOD","","TRG","","","8.58","LOQ","YES","-99","","0.117","0.001","5.34",""
"BP-TT-SW4002-20180918","Modified EPA 537","Initial","1803120-08","Vista","39108-34-4","8:2 FTS","5.52","ng/L","J","2.94","LOD","","TRG","","","8.58","LOQ","YES","-99","","0.117","0.001","5.34",""
"BP-TT-SW4002-20180918","Modified EPA 537","Initial","1803120-08","Vista","2355-31-9","MeFOSAA","5.34","ng/L","UU","2.94","LOD","","TRG","","","8.58","LOQ","YES","-99","","0.117","0.001","5.34",""
"BP-TT-SW4002-20180918","Modified EPA 537","Initial","1803120-08","Vista","2991-50-6","EtFOSAA","5.34","ng/L","UU","2.94","LOD","","TRG","","","8.58","LOQ","YES","-99","","0.117","0.001","5.34","","
"BP-TT-SW4002-20180918","Modified EPA 537","Initial","1803120-08","Vista","2058-94-8","PFUnA","5.34","ng/L","UU","2.94","LOD","","TRG","","","8.58","LOQ","YES","-99","","0.117","0.001","5.34","
"
"BP-TT-SW4002-20180918","Modified EPA 537","Initial","1803120-08","Vista","335-77-3","PFDS","5.34","ng/L","UU","2.94","LOD","","TRG","","","8.58","LOQ","YES","-99","","0.117","0.001","5.34",""
"BP-TT-SW4002-20180918","Modified EPA 537","Initial","1803120-08","Vista","307-55-1","PFDoA","5.34","ng/L","UU","2.94","LOD","","TRG","","","8.58","LOQ","YES","-99","","0.117","0.001","5.34","
"
"BP-TT-SW4002-20180918","Modified EPA 537","Initial","1803120-08","Vista","72629-94-8","PFTrDA","5.34","ng/L","UU","2.94","LOD","","TRG","","","8.58","LOQ","YES","-99","","0.117","0.001","5.34",""

"BP-TT-SW4002-20180918","Modified EPA 537","Initial","1803120-08","Vista","376-06-7","PFTeDA","5.34","ng/L","UU","2.94","LOD","","TRG","","","8.58","LOQ","YES","-99","","0.117","0.001","5.34",""
"BP-TT-SW4002-20180918","Modified EPA 537","Initial","1803120-08","Vista","13C3-PFBA","13C3-PFBA","94.4","%R","","-99","NA","","IS","94.4","","-99","NA","YES","100","","0.117","0.001","-99",""
"BP-TT-SW4002-20180918","Modified EPA 537","Initial","1803120-08","Vista","13C3-PFPeA","13C3-PFPeA","91.6","%R","","-99","NA","","IS","91.6","","-99","NA","YES","100","","0.117","0.001","-99",""
"BP-TT-SW4002-20180918","Modified EPA 537","Initial","1803120-08","Vista","13C3-PFBS","13C3-PFBS","86.6","%R","","-99","NA","","IS","86.6","","-99","NA","YES","100","","0.117","0.001","-99",""
"BP-TT-SW4002-20180918","Modified EPA 537","Initial","1803120-08","Vista","13C2-PFHxA","13C2-PFHxA","94.0","%R","","-99","NA","","IS","94.0","","-99","NA","YES","100","","0.117","0.001","-99",""
"BP-TT-SW4002-20180918","Modified EPA 537","Initial","1803120-08","Vista","13C4-PFHpA","13C4-PFHpA","106","%R","","-99","NA","","IS","106","","-99","NA","YES","100","","0.117","0.001","-99",""
"BP-TT-SW4002-20180918","Modified EPA 537","Initial","1803120-08","Vista","18O2-PFHxS","18O2-PFHxS","90.7","%R","","-99","NA","","IS","90.7","","-99","NA","YES","100","","0.117","0.001","-99",""
"BP-TT-SW4002-20180918","Modified EPA 537","Initial","1803120-08","Vista","13C2-6:2 FTS","13C2-6:2 FTS","89.8","%R","","-99","NA","","IS","89.8","","-99","NA","YES","100","","0.117","0.001","-99",""
"BP-TT-SW4002-20180918","Modified EPA 537","Initial","1803120-08","Vista","13C2-PFOA","13C2-PFOA","96.2","%R","","-99","NA","","IS","96.2","","-99","NA","YES","100","","0.117","0.001","-99",""
"BP-TT-SW4002-20180918","Modified EPA 537","Initial","1803120-08","Vista","13C5-PFNA","13C5-PFNA","82.1","%R","","-99","NA","","IS","82.1","","-99","NA","YES","100","","0.117","0.001","-99",""
"BP-TT-SW4002-20180918","Modified EPA 537","Initial","1803120-08","Vista","13C8-PFOSA","13C8-PFOSA","17.7","%R","H","-99","NA","","IS","17.7","","-99","NA","YES","100","","0.117","0.001","-99",""
"BP-TT-SW4002-20180918","Modified EPA 537","Initial","1803120-08","Vista","13C8-PFOS","13C8-PFOS","96.4","%R","","-99","NA","","IS","96.4","","-99","NA","YES","100","","0.117","0.001","-99",""
"BP-TT-SW4002-20180918","Modified EPA 537","Initial","1803120-08","Vista","13C2-PFDA","13C2-PFDA","66.5","%R","","-99","NA","","IS","66.5","","-99","NA","YES","100","","0.117","0.001","-99",""
"BP-TT-SW4002-20180918","Modified EPA 537","Initial","1803120-08","Vista","13C2-8:2 FTS","13C2-8:2 FTS","85.2","%R","","-99","NA","","IS","85.2","","-99","NA","YES","100","","0.117","0.001","-99",""
"BP-TT-SW4002-20180918","Modified EPA 537","Initial","1803120-08","Vista","d3-MeFOSAA","d3-MeFOSAA","65.3","%R","","-99","NA","","IS","65.3","","-99","NA","YES","100","","0.117","0.001","-99",""
"BP-TT-SW4002-20180918","Modified EPA 537","Initial","1803120-08","Vista","d5-EtFOSAA","d5-EtFOSAA","68.2","%R","","-99","NA","","IS","68.2","","-99","NA","YES","100","","0.117","0.001","-99",""
"BP-TT-SW4002-20180918","Modified EPA 537","Initial","1803120-08","Vista","13C2-PFUnA","13C2-PFUnA","73.2","%R","","-99","NA","","IS","73.2","","-99","NA","YES","100","","0.117","0.001","-99",""
"BP-TT-SW4002-20180918","Modified EPA 537","Initial","1803120-08","Vista","13C2-PFDoA","13C2-PFDoA","77.9","%R","","-99","NA","","IS","77.9","","-99","NA","YES","100","","0.117","0.001","-99",""
"BP-TT-SW4002-20180918","Modified EPA 537","Initial","1803120-08","Vista","13C2-PFTeDA","13C2-PFTeDA","101","%R","","-99","NA","","IS","101","","-99","NA","YES","100","","0.117","0.001","-99",""
"BPSI-TT-MW312I-20180918","Modified EPA 537","Initial","1803120-09","Vista","375-22-4","PFBA","15.1","ng/L","","2.87","LOD","","TRG","","","8.37","LOQ","YES","-99","","0.119","0.001","5.25",""
"BPSI-TT-MW312I-20180918","Modified EPA 537","Initial","1803120-09","Vista","2706-90-3","PFPeA","45.5","ng/L","","2.87","LOD","","TRG","","","8.37","LOQ","YES","-99","","0.119","0.001","5.25",""
"BPSI-TT-MW312I-20180918","Modified EPA 537","Initial","1803120-09","Vista","375-73-5","PFBS","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.37","LOQ","YES","-99","","0.119","0.001","5.25",""
"BPSI-TT-MW312I-20180918","Modified EPA 537","Initial","1803120-09","Vista","307-24-4","PFHxA","29.9","ng/L","","2.87","LOD","","TRG","","","8.37","LOQ","YES","-99","","0.119","0.001","5.25",""
"BPSI-TT-MW312I-20180918","Modified EPA 537","Initial","1803120-09","Vista","375-85-9","PFHpA","20.9","ng/L","","2.87","LOD","","TRG","","","8.37","LOQ","YES","-99","","0.119","0.001","5.25",""
"BPSI-TT-MW312I-20180918","Modified EPA 537","Initial","1803120-09","Vista","355-46-4","PFHxS","3.04","ng/L","J","2.87","LOD","","TRG","","","8.37","LOQ","YES","-99","","0.119","0.001","5.25",""
"BPSI-TT-MW312I-20180918","Modified EPA 537","Initial","1803120-09","Vista","27619-97-2","6:2 FTS","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.37","LOQ","YES","-99","","0.119","0.001","5.25",""
"BPSI-TT-MW312I-20180918","Modified EPA 537","Initial","1803120-09","Vista","335-67-

1","PFOA","16.4","ng/L","","2.87","LOD","","TRG","","","8.37","LOQ","YES","-99","","0.119","0.001","5.25",""
"BPSI-TT-MW312I-20180918","Modified EPA 537","Initial","1803120-09","Vista","375-92-
8","PFHpS","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.37","LOQ","YES","-99","","0.119","0.001","5.25",""
"BPSI-TT-MW312I-20180918","Modified EPA 537","Initial","1803120-09","Vista","375-95-
1","PFNA","9.88","ng/L","","2.87","LOD","","TRG","","","8.37","LOQ","YES","-99","","0.119","0.001","5.25",""
"BPSI-TT-MW312I-20180918","Modified EPA 537","Initial","1803120-09","Vista","754-91-
6","PFOSA","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.37","LOQ","YES","-99","","0.119","0.001","5.25","
"
"BPSI-TT-MW312I-20180918","Modified EPA 537","Initial","1803120-09","Vista","1763-23-
1","PFOS","14.7","ng/L","","2.87","LOD","","TRG","","","8.37","LOQ","YES","-99","","0.119","0.001","5.25",""
"BPSI-TT-MW312I-20180918","Modified EPA 537","Initial","1803120-09","Vista","335-76-
2","PFDA","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.37","LOQ","YES","-99","","0.119","0.001","5.25",""
"BPSI-TT-MW312I-20180918","Modified EPA 537","Initial","1803120-09","Vista","39108-34-4","8:2
FTS","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.37","LOQ","YES","-99","","0.119","0.001","5.25",""
"BPSI-TT-MW312I-20180918","Modified EPA 537","Initial","1803120-09","Vista","2355-31-
9","MeFOSAA","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.37","LOQ","YES","-99","","0.119","0.001","5.2
5",""
"BPSI-TT-MW312I-20180918","Modified EPA 537","Initial","1803120-09","Vista","2991-50-
6","EtFOSAA","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.37","LOQ","YES","-99","","0.119","0.001","5.25
","",
"BPSI-TT-MW312I-20180918","Modified EPA 537","Initial","1803120-09","Vista","2058-94-
8","PFUnA","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.37","LOQ","YES","-99","","0.119","0.001","5.25","
"
"BPSI-TT-MW312I-20180918","Modified EPA 537","Initial","1803120-09","Vista","335-77-
3","PFDS","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.37","LOQ","YES","-99","","0.119","0.001","5.25",""
"BPSI-TT-MW312I-20180918","Modified EPA 537","Initial","1803120-09","Vista","307-55-
1","PFDoA","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.37","LOQ","YES","-99","","0.119","0.001","5.25","
"
"BPSI-TT-MW312I-20180918","Modified EPA 537","Initial","1803120-09","Vista","72629-94-
8","PFTrDA","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.37","LOQ","YES","-99","","0.119","0.001","5.25",
""
"BPSI-TT-MW312I-20180918","Modified EPA 537","Initial","1803120-09","Vista","376-06-
7","PFTeDA","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.37","LOQ","YES","-99","","0.119","0.001","5.25",
""
"BPSI-TT-MW312I-20180918","Modified EPA 537","Initial","1803120-09","Vista","13C3-PFBA","13C3-
PFBA","93.8","%R","","-99","NA","","IS","93.8","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPSI-TT-MW312I-20180918","Modified EPA 537","Initial","1803120-09","Vista","13C3-PFPeA","13C3-
PFPeA","87.7","%R","","-99","NA","","IS","87.7","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPSI-TT-MW312I-20180918","Modified EPA 537","Initial","1803120-09","Vista","13C3-PFBS","13C3-
PFBS","86.9","%R","","-99","NA","","IS","86.9","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPSI-TT-MW312I-20180918","Modified EPA 537","Initial","1803120-09","Vista","13C2-PFHxA","13C2-
PFHxA","88.4","%R","","-99","NA","","IS","88.4","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPSI-TT-MW312I-20180918","Modified EPA 537","Initial","1803120-09","Vista","13C4-PFHpA","13C4-
PFHpA","97.6","%R","","-99","NA","","IS","97.6","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPSI-TT-MW312I-20180918","Modified EPA 537","Initial","1803120-09","Vista","18O2-PFHxS","18O2-
PFHxS","92.6","%R","","-99","NA","","IS","92.6","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPSI-TT-MW312I-20180918","Modified EPA 537","Initial","1803120-09","Vista","13C2-6:2 FTS","13C2-6:2
FTS","90.7","%R","","-99","NA","","IS","90.7","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPSI-TT-MW312I-20180918","Modified EPA 537","Initial","1803120-09","Vista","13C2-PFOA","13C2-
PFOA","91.7","%R","","-99","NA","","IS","91.7","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPSI-TT-MW312I-20180918","Modified EPA 537","Initial","1803120-09","Vista","13C5-PFNA","13C5-
PFNA","81.2","%R","","-99","NA","","IS","81.2","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPSI-TT-MW312I-20180918","Modified EPA 537","Initial","1803120-09","Vista","13C8-PFOSA","13C8-
PFOSA","9.20","%R","H","-99","NA","","IS","9.20","","-99","NA","YES","100","","0.119","0.001","-99",""

"BPSI-TT-MW312I-20180918","Modified EPA 537","Initial","1803120-09","Vista","13C8-PFOS","13C8-PFOS","96.2","%R","","-99","NA","","IS","96.2","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPSI-TT-MW312I-20180918","Modified EPA 537","Initial","1803120-09","Vista","13C2-PFDA","13C2-PFDA","70.9","%R","","-99","NA","","IS","70.9","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPSI-TT-MW312I-20180918","Modified EPA 537","Initial","1803120-09","Vista","13C2-8:2 FTS","13C2-8:2 FTS","94.1","%R","","-99","NA","","IS","94.1","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPSI-TT-MW312I-20180918","Modified EPA 537","Initial","1803120-09","Vista","d3-MeFOSAA","d3-MeFOSAA","66.7","%R","","-99","NA","","IS","66.7","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPSI-TT-MW312I-20180918","Modified EPA 537","Initial","1803120-09","Vista","d5-EtFOSAA","d5-EtFOSAA","67.8","%R","","-99","NA","","IS","67.8","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPSI-TT-MW312I-20180918","Modified EPA 537","Initial","1803120-09","Vista","13C2-PFUnA","13C2-PFUnA","79.6","%R","","-99","NA","","IS","79.6","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPSI-TT-MW312I-20180918","Modified EPA 537","Initial","1803120-09","Vista","13C2-PFDoA","13C2-PFDoA","87.3","%R","","-99","NA","","IS","87.3","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPSI-TT-MW312I-20180918","Modified EPA 537","Initial","1803120-09","Vista","13C2-PFTeDA","13C2-PFTeDA","99.3","%R","","-99","NA","","IS","99.3","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPSI-TT-MW312S-20180918","Modified EPA 537","Initial","1803120-10","Vista","375-22-4","PFBA","20.2","ng/L","","2.99","LOD","","TRG","","","8.72","LOQ","YES","-99","","0.115","0.001","5.43",""
"BPSI-TT-MW312S-20180918","Modified EPA 537","Initial","1803120-10","Vista","2706-90-3","PFPeA","42.3","ng/L","","2.99","LOD","","TRG","","","8.72","LOQ","YES","-99","","0.115","0.001","5.43",""
"BPSI-TT-MW312S-20180918","Modified EPA 537","Initial","1803120-10","Vista","375-73-5","PFBS","5.43","ng/L","UU","2.99","LOD","","TRG","","","8.72","LOQ","YES","-99","","0.115","0.001","5.43",""
"BPSI-TT-MW312S-20180918","Modified EPA 537","Initial","1803120-10","Vista","307-24-4","PFHxA","26.3","ng/L","","2.99","LOD","","TRG","","","8.72","LOQ","YES","-99","","0.115","0.001","5.43",""
"BPSI-TT-MW312S-20180918","Modified EPA 537","Initial","1803120-10","Vista","375-85-9","PFHpA","14.4","ng/L","","2.99","LOD","","TRG","","","8.72","LOQ","YES","-99","","0.115","0.001","5.43",""
"BPSI-TT-MW312S-20180918","Modified EPA 537","Initial","1803120-10","Vista","355-46-4","PFHxS","3.01","ng/L","J","2.99","LOD","","TRG","","","8.72","LOQ","YES","-99","","0.115","0.001","5.43",""
"BPSI-TT-MW312S-20180918","Modified EPA 537","Initial","1803120-10","Vista","27619-97-2","6:2 FTS","5.43","ng/L","UU","2.99","LOD","","TRG","","","8.72","LOQ","YES","-99","","0.115","0.001","5.43",""
"BPSI-TT-MW312S-20180918","Modified EPA 537","Initial","1803120-10","Vista","335-67-1","PFOA","10.3","ng/L","","2.99","LOD","","TRG","","","8.72","LOQ","YES","-99","","0.115","0.001","5.43",""
"BPSI-TT-MW312S-20180918","Modified EPA 537","Initial","1803120-10","Vista","375-92-8","PFHpS","5.43","ng/L","UU","2.99","LOD","","TRG","","","8.72","LOQ","YES","-99","","0.115","0.001","5.43",""
"BPSI-TT-MW312S-20180918","Modified EPA 537","Initial","1803120-10","Vista","375-95-1","PFNA","10.6","ng/L","","2.99","LOD","","TRG","","","8.72","LOQ","YES","-99","","0.115","0.001","5.43",""
"BPSI-TT-MW312S-20180918","Modified EPA 537","Initial","1803120-10","Vista","754-91-6","PFOSA","5.43","ng/L","UU","2.99","LOD","","TRG","","","8.72","LOQ","YES","-99","","0.115","0.001","5.43",""
"BPSI-TT-MW312S-20180918","Modified EPA 537","Initial","1803120-10","Vista","1763-23-1","PFOS","9.05","ng/L","","2.99","LOD","","TRG","","","8.72","LOQ","YES","-99","","0.115","0.001","5.43",""
"BPSI-TT-MW312S-20180918","Modified EPA 537","Initial","1803120-10","Vista","335-76-2","PFDA","5.43","ng/L","UU","2.99","LOD","","TRG","","","8.72","LOQ","YES","-99","","0.115","0.001","5.43",""
"BPSI-TT-MW312S-20180918","Modified EPA 537","Initial","1803120-10","Vista","39108-34-4","8:2 FTS","5.43","ng/L","UU","2.99","LOD","","TRG","","","8.72","LOQ","YES","-99","","0.115","0.001","5.43",""
"BPSI-TT-MW312S-20180918","Modified EPA 537","Initial","1803120-10","Vista","2355-31-9","MeFOSAA","5.43","ng/L","UU","2.99","LOD","","TRG","","","8.72","LOQ","YES","-99","","0.115","0.001","5.43",""
"BPSI-TT-MW312S-20180918","Modified EPA 537","Initial","1803120-10","Vista","2991-50-6","EtFOSAA","5.43","ng/L","UU","2.99","LOD","","TRG","","","8.72","LOQ","YES","-99","","0.115","0.001","5.43","",""
,"
"BPSI-TT-MW312S-20180918","Modified EPA 537","Initial","1803120-10","Vista","2058-94-8","PFUnA","5.43","ng/L","UU","2.99","LOD","","TRG","","","8.72","LOQ","YES","-99","","0.115","0.001","5.43",""

"BPSI-TT-MW312S-20180918","Modified EPA 537","Initial","1803120-10","Vista","335-77-3","PFDS","5.43","ng/L","UU","2.99","LOD","","TRG","","","8.72","LOQ","YES","-99","","0.115","0.001","5.43",""
"BPSI-TT-MW312S-20180918","Modified EPA 537","Initial","1803120-10","Vista","307-55-1","PFDoA","5.43","ng/L","UU","2.99","LOD","","TRG","","","8.72","LOQ","YES","-99","","0.115","0.001","5.43",""
"BPSI-TT-MW312S-20180918","Modified EPA 537","Initial","1803120-10","Vista","72629-94-8","PFTrDA","5.43","ng/L","UU","2.99","LOD","","TRG","","","8.72","LOQ","YES","-99","","0.115","0.001","5.43",""
"BPSI-TT-MW312S-20180918","Modified EPA 537","Initial","1803120-10","Vista","376-06-7","PFTeDA","5.43","ng/L","UU","2.99","LOD","","TRG","","","8.72","LOQ","YES","-99","","0.115","0.001","5.43",""
"BPSI-TT-MW312S-20180918","Modified EPA 537","Initial","1803120-10","Vista","13C3-PFBA","13C3-PFBA","96.3","%R","","-99","NA","","IS","96.3","","-99","NA","YES","100","","0.115","0.001","-99",""
"BPSI-TT-MW312S-20180918","Modified EPA 537","Initial","1803120-10","Vista","13C3-PFPeA","13C3-PFPeA","84.8","%R","","-99","NA","","IS","84.8","","-99","NA","YES","100","","0.115","0.001","-99",""
"BPSI-TT-MW312S-20180918","Modified EPA 537","Initial","1803120-10","Vista","13C3-PFBS","13C3-PFBS","89.7","%R","","-99","NA","","IS","89.7","","-99","NA","YES","100","","0.115","0.001","-99",""
"BPSI-TT-MW312S-20180918","Modified EPA 537","Initial","1803120-10","Vista","13C2-PFHxA","13C2-PFHxA","90.9","%R","","-99","NA","","IS","90.9","","-99","NA","YES","100","","0.115","0.001","-99",""
"BPSI-TT-MW312S-20180918","Modified EPA 537","Initial","1803120-10","Vista","13C4-PFHpA","13C4-PFHpA","101","%R","","-99","NA","","IS","101","","-99","NA","YES","100","","0.115","0.001","-99",""
"BPSI-TT-MW312S-20180918","Modified EPA 537","Initial","1803120-10","Vista","18O2-PFHxS","18O2-PFHxS","101","%R","","-99","NA","","IS","101","","-99","NA","YES","100","","0.115","0.001","-99",""
"BPSI-TT-MW312S-20180918","Modified EPA 537","Initial","1803120-10","Vista","13C2-6:2 FTS","13C2-6:2 FTS","88.3","%R","","-99","NA","","IS","88.3","","-99","NA","YES","100","","0.115","0.001","-99",""
"BPSI-TT-MW312S-20180918","Modified EPA 537","Initial","1803120-10","Vista","13C2-PFOA","13C2-PFOA","93.7","%R","","-99","NA","","IS","93.7","","-99","NA","YES","100","","0.115","0.001","-99",""
"BPSI-TT-MW312S-20180918","Modified EPA 537","Initial","1803120-10","Vista","13C5-PFNA","13C5-PFNA","84.4","%R","","-99","NA","","IS","84.4","","-99","NA","YES","100","","0.115","0.001","-99",""
"BPSI-TT-MW312S-20180918","Modified EPA 537","Initial","1803120-10","Vista","13C8-PFOSA","13C8-PFOSA","12.9","%R","H","-99","NA","","IS","12.9","","-99","NA","YES","100","","0.115","0.001","-99",""
"BPSI-TT-MW312S-20180918","Modified EPA 537","Initial","1803120-10","Vista","13C8-PFOS","13C8-PFOS","96.2","%R","","-99","NA","","IS","96.2","","-99","NA","YES","100","","0.115","0.001","-99",""
"BPSI-TT-MW312S-20180918","Modified EPA 537","Initial","1803120-10","Vista","13C2-PFDA","13C2-PFDA","66.5","%R","","-99","NA","","IS","66.5","","-99","NA","YES","100","","0.115","0.001","-99",""
"BPSI-TT-MW312S-20180918","Modified EPA 537","Initial","1803120-10","Vista","13C2-8:2 FTS","13C2-8:2 FTS","92.6","%R","","-99","NA","","IS","92.6","","-99","NA","YES","100","","0.115","0.001","-99",""
"BPSI-TT-MW312S-20180918","Modified EPA 537","Initial","1803120-10","Vista","d3-MeFOSAA","d3-MeFOSAA","67.8","%R","","-99","NA","","IS","67.8","","-99","NA","YES","100","","0.115","0.001","-99",""
"BPSI-TT-MW312S-20180918","Modified EPA 537","Initial","1803120-10","Vista","d5-EtFOSAA","d5-EtFOSAA","74.7","%R","","-99","NA","","IS","74.7","","-99","NA","YES","100","","0.115","0.001","-99",""
"BPSI-TT-MW312S-20180918","Modified EPA 537","Initial","1803120-10","Vista","13C2-PFUnA","13C2-PFUnA","79.2","%R","","-99","NA","","IS","79.2","","-99","NA","YES","100","","0.115","0.001","-99",""
"BPSI-TT-MW312S-20180918","Modified EPA 537","Initial","1803120-10","Vista","13C2-PFDoA","13C2-PFDoA","85.0","%R","","-99","NA","","IS","85.0","","-99","NA","YES","100","","0.115","0.001","-99",""
"BPSI-TT-MW312S-20180918","Modified EPA 537","Initial","1803120-10","Vista","13C2-PFTeDA","13C2-PFTeDA","101","%R","","-99","NA","","IS","101","","-99","NA","YES","100","","0.115","0.001","-99",""
"BPSI-TT-MW310S-20180919","Modified EPA 537","Initial","1803120-11","Vista","375-22-4","PFBA","8.31","ng/L","J","2.86","LOD","","TRG","","","8.35","LOQ","YES","-99","","0.120","0.001","5.21",""
"BPSI-TT-MW310S-20180919","Modified EPA 537","Initial","1803120-11","Vista","2706-90-3","PFPeA","6.60","ng/L","J","2.86","LOD","","TRG","","","8.35","LOQ","YES","-99","","0.120","0.001","5.21",""
"BPSI-TT-MW310S-20180919","Modified EPA 537","Initial","1803120-11","Vista","375-73-5","PFBS","5.21","ng/L","UU","2.86","LOD","","TRG","","","8.35","LOQ","YES","-99","","0.120","0.001","5.21",""
"BPSI-TT-MW310S-20180919","Modified EPA 537","Initial","1803120-11","Vista","307-24-

4","PFHxA","6.87","ng/L","J","2.86","LOD","","TRG","","","8.35","LOQ","YES","-99","","0.120","0.001","5.21",""
"BPSI-TT-MW310S-20180919","Modified EPA 537","Initial","1803120-11","Vista","375-85-
9","PFHpA","10.9","ng/L","","2.86","LOD","","TRG","","","8.35","LOQ","YES","-99","","0.120","0.001","5.21",""
"BPSI-TT-MW310S-20180919","Modified EPA 537","Initial","1803120-11","Vista","355-46-
4","PFHxS","5.21","ng/L","UU","2.86","LOD","","TRG","","","8.35","LOQ","YES","-99","","0.120","0.001","5.21",""
"BPSI-TT-MW310S-20180919","Modified EPA 537","Initial","1803120-11","Vista","27619-97-2","6:2
FTS","5.21","ng/L","UU","2.86","LOD","","TRG","","","8.35","LOQ","YES","-99","","0.120","0.001","5.21",""
"BPSI-TT-MW310S-20180919","Modified EPA 537","Initial","1803120-11","Vista","335-67-
1","PFOA","28.9","ng/L","","2.86","LOD","","TRG","","","8.35","LOQ","YES","-99","","0.120","0.001","5.21",""
"BPSI-TT-MW310S-20180919","Modified EPA 537","Initial","1803120-11","Vista","375-92-
8","PFHpS","5.21","ng/L","UU","2.86","LOD","","TRG","","","8.35","LOQ","YES","-99","","0.120","0.001","5.21",""
"BPSI-TT-MW310S-20180919","Modified EPA 537","Initial","1803120-11","Vista","375-95-
1","PFNA","4.59","ng/L","J","2.86","LOD","","TRG","","","8.35","LOQ","YES","-99","","0.120","0.001","5.21",""
"BPSI-TT-MW310S-20180919","Modified EPA 537","Initial","1803120-11","Vista","754-91-
6","PFOSA","5.21","ng/L","UU","2.86","LOD","","TRG","","","8.35","LOQ","YES","-99","","0.120","0.001","5.21","
"
"BPSI-TT-MW310S-20180919","Modified EPA 537","Initial","1803120-11","Vista","1763-23-
1","PFOS","10.8","ng/L","","2.86","LOD","","TRG","","","8.35","LOQ","YES","-99","","0.120","0.001","5.21",""
"BPSI-TT-MW310S-20180919","Modified EPA 537","Initial","1803120-11","Vista","335-76-
2","PFDA","5.21","ng/L","UU","2.86","LOD","","TRG","","","8.35","LOQ","YES","-99","","0.120","0.001","5.21",""
"BPSI-TT-MW310S-20180919","Modified EPA 537","Initial","1803120-11","Vista","39108-34-4","8:2
FTS","5.21","ng/L","UU","2.86","LOD","","TRG","","","8.35","LOQ","YES","-99","","0.120","0.001","5.21",""
"BPSI-TT-MW310S-20180919","Modified EPA 537","Initial","1803120-11","Vista","2355-31-
9","MeFOSAA","5.21","ng/L","UU","2.86","LOD","","TRG","","","8.35","LOQ","YES","-99","","0.120","0.001","5.2
1",""
"BPSI-TT-MW310S-20180919","Modified EPA 537","Initial","1803120-11","Vista","2991-50-
6","EtFOSAA","5.21","ng/L","UU","2.86","LOD","","TRG","","","8.35","LOQ","YES","-99","","0.120","0.001","5.21
",""
"BPSI-TT-MW310S-20180919","Modified EPA 537","Initial","1803120-11","Vista","2058-94-
8","PFUnA","5.21","ng/L","UU","2.86","LOD","","TRG","","","8.35","LOQ","YES","-99","","0.120","0.001","5.21","
"
"BPSI-TT-MW310S-20180919","Modified EPA 537","Initial","1803120-11","Vista","335-77-
3","PFDS","5.21","ng/L","UU","2.86","LOD","","TRG","","","8.35","LOQ","YES","-99","","0.120","0.001","5.21",""
"BPSI-TT-MW310S-20180919","Modified EPA 537","Initial","1803120-11","Vista","307-55-
1","PFDoA","5.21","ng/L","UU","2.86","LOD","","TRG","","","8.35","LOQ","YES","-99","","0.120","0.001","5.21","
"
"BPSI-TT-MW310S-20180919","Modified EPA 537","Initial","1803120-11","Vista","72629-94-
8","PFTrDA","5.21","ng/L","UU","2.86","LOD","","TRG","","","8.35","LOQ","YES","-99","","0.120","0.001","5.21",
""
"BPSI-TT-MW310S-20180919","Modified EPA 537","Initial","1803120-11","Vista","376-06-
7","PFTeDA","5.21","ng/L","UU","2.86","LOD","","TRG","","","8.35","LOQ","YES","-99","","0.120","0.001","5.21",
""
"BPSI-TT-MW310S-20180919","Modified EPA 537","Initial","1803120-11","Vista","13C3-PFBA","13C3-
PFBA","96.5","%R","","-99","NA","","IS","96.5","","-99","NA","YES","100","","0.120","0.001","-99",""
"BPSI-TT-MW310S-20180919","Modified EPA 537","Initial","1803120-11","Vista","13C3-PFPeA","13C3-
PFPeA","86.8","%R","","-99","NA","","IS","86.8","","-99","NA","YES","100","","0.120","0.001","-99",""
"BPSI-TT-MW310S-20180919","Modified EPA 537","Initial","1803120-11","Vista","13C3-PFBS","13C3-
PFBS","90.2","%R","","-99","NA","","IS","90.2","","-99","NA","YES","100","","0.120","0.001","-99",""
"BPSI-TT-MW310S-20180919","Modified EPA 537","Initial","1803120-11","Vista","13C2-PFHxA","13C2-
PFHxA","92.7","%R","","-99","NA","","IS","92.7","","-99","NA","YES","100","","0.120","0.001","-99",""
"BPSI-TT-MW310S-20180919","Modified EPA 537","Initial","1803120-11","Vista","13C4-PFHpA","13C4-
PFHpA","101","%R","","-99","NA","","IS","101","","-99","NA","YES","100","","0.120","0.001","-99",""
"BPSI-TT-MW310S-20180919","Modified EPA 537","Initial","1803120-11","Vista","18O2-PFHxS","18O2-
PFHxS","86.8","%R","","-99","NA","","IS","86.8","","-99","NA","YES","100","","0.120","0.001","-99",""

"BPSI-TT-MW310S-20180919","Modified EPA 537","Initial","1803120-11","Vista","13C2-6:2 FTS","13C2-6:2 FTS","89.4","%R","","-99","NA","","IS","89.4","","-99","NA","YES","100","","0.120","0.001","-99",""
"BPSI-TT-MW310S-20180919","Modified EPA 537","Initial","1803120-11","Vista","13C2-PFOA","13C2-PFOA","92.2","%R","","-99","NA","","IS","92.2","","-99","NA","YES","100","","0.120","0.001","-99",""
"BPSI-TT-MW310S-20180919","Modified EPA 537","Initial","1803120-11","Vista","13C5-PFNA","13C5-PFNA","76.9","%R","","-99","NA","","IS","76.9","","-99","NA","YES","100","","0.120","0.001","-99",""
"BPSI-TT-MW310S-20180919","Modified EPA 537","Initial","1803120-11","Vista","13C8-PFOSA","13C8-PFOSA","14.3","%R","H","-99","NA","","IS","14.3","","-99","NA","YES","100","","0.120","0.001","-99",""
"BPSI-TT-MW310S-20180919","Modified EPA 537","Initial","1803120-11","Vista","13C8-PFOS","13C8-PFOS","92.9","%R","","-99","NA","","IS","92.9","","-99","NA","YES","100","","0.120","0.001","-99",""
"BPSI-TT-MW310S-20180919","Modified EPA 537","Initial","1803120-11","Vista","13C2-PFDA","13C2-PFDA","65.7","%R","","-99","NA","","IS","65.7","","-99","NA","YES","100","","0.120","0.001","-99",""
"BPSI-TT-MW310S-20180919","Modified EPA 537","Initial","1803120-11","Vista","13C2-8:2 FTS","13C2-8:2 FTS","89.6","%R","","-99","NA","","IS","89.6","","-99","NA","YES","100","","0.120","0.001","-99",""
"BPSI-TT-MW310S-20180919","Modified EPA 537","Initial","1803120-11","Vista","d3-MeFOSAA","d3-MeFOSAA","69.1","%R","","-99","NA","","IS","69.1","","-99","NA","YES","100","","0.120","0.001","-99",""
"BPSI-TT-MW310S-20180919","Modified EPA 537","Initial","1803120-11","Vista","d5-EtFOSAA","d5-EtFOSAA","76.7","%R","","-99","NA","","IS","76.7","","-99","NA","YES","100","","0.120","0.001","-99",""
"BPSI-TT-MW310S-20180919","Modified EPA 537","Initial","1803120-11","Vista","13C2-PFUnA","13C2-PFUnA","76.4","%R","","-99","NA","","IS","76.4","","-99","NA","YES","100","","0.120","0.001","-99",""
"BPSI-TT-MW310S-20180919","Modified EPA 537","Initial","1803120-11","Vista","13C2-PFDoA","13C2-PFDoA","88.6","%R","","-99","NA","","IS","88.6","","-99","NA","YES","100","","0.120","0.001","-99",""
"BPSI-TT-MW310S-20180919","Modified EPA 537","Initial","1803120-11","Vista","13C2-PFTeDA","13C2-PFTeDA","105","%R","","-99","NA","","IS","105","","-99","NA","YES","100","","0.120","0.001","-99",""
"BPSI-TT-MW311S-20180919","Modified EPA 537","Initial","1803120-12","Vista","375-22-4","PFBA","9.88","ng/L","","2.89","LOD","","TRG","","","8.45","LOQ","YES","-99","","0.118","0.001","5.30",""
"BPSI-TT-MW311S-20180919","Modified EPA 537","Initial","1803120-12","Vista","2706-90-3","PFPeA","13.8","ng/L","","2.89","LOD","","TRG","","","8.45","LOQ","YES","-99","","0.118","0.001","5.30",""
"BPSI-TT-MW311S-20180919","Modified EPA 537","Initial","1803120-12","Vista","375-73-5","PFBS","5.30","ng/L","UU","2.89","LOD","","TRG","","","8.45","LOQ","YES","-99","","0.118","0.001","5.30",""
"BPSI-TT-MW311S-20180919","Modified EPA 537","Initial","1803120-12","Vista","307-24-4","PFHxA","13.3","ng/L","","2.89","LOD","","TRG","","","8.45","LOQ","YES","-99","","0.118","0.001","5.30",""
"BPSI-TT-MW311S-20180919","Modified EPA 537","Initial","1803120-12","Vista","375-85-9","PFHpA","7.09","ng/L","J","2.89","LOD","","TRG","","","8.45","LOQ","YES","-99","","0.118","0.001","5.30",""
"BPSI-TT-MW311S-20180919","Modified EPA 537","Initial","1803120-12","Vista","355-46-4","PFHxS","5.30","ng/L","UU","2.89","LOD","","TRG","","","8.45","LOQ","YES","-99","","0.118","0.001","5.30",""
"BPSI-TT-MW311S-20180919","Modified EPA 537","Initial","1803120-12","Vista","27619-97-2","6:2 FTS","5.30","ng/L","UU","2.89","LOD","","TRG","","","8.45","LOQ","YES","-99","","0.118","0.001","5.30",""
"BPSI-TT-MW311S-20180919","Modified EPA 537","Initial","1803120-12","Vista","335-67-1","PFOA","2.96","ng/L","J","2.89","LOD","","TRG","","","8.45","LOQ","YES","-99","","0.118","0.001","5.30",""
"BPSI-TT-MW311S-20180919","Modified EPA 537","Initial","1803120-12","Vista","375-92-8","PFHpS","5.30","ng/L","UU","2.89","LOD","","TRG","","","8.45","LOQ","YES","-99","","0.118","0.001","5.30",""
"BPSI-TT-MW311S-20180919","Modified EPA 537","Initial","1803120-12","Vista","375-95-1","PFNA","5.30","ng/L","UU","2.89","LOD","","TRG","","","8.45","LOQ","YES","-99","","0.118","0.001","5.30",""
"BPSI-TT-MW311S-20180919","Modified EPA 537","Initial","1803120-12","Vista","754-91-6","PFOSA","5.30","ng/L","UU","2.89","LOD","","TRG","","","8.45","LOQ","YES","-99","","0.118","0.001","5.30",""
"BPSI-TT-MW311S-20180919","Modified EPA 537","Initial","1803120-12","Vista","1763-23-1","PFOS","5.30","ng/L","UU","2.89","LOD","","TRG","","","8.45","LOQ","YES","-99","","0.118","0.001","5.30",""
"BPSI-TT-MW311S-20180919","Modified EPA 537","Initial","1803120-12","Vista","335-76-2","PFDA","5.30","ng/L","UU","2.89","LOD","","TRG","","","8.45","LOQ","YES","-99","","0.118","0.001","5.30",""
"BPSI-TT-MW311S-20180919","Modified EPA 537","Initial","1803120-12","Vista","39108-34-4","8:2 FTS","5.30","ng/L","UU","2.89","LOD","","TRG","","","8.45","LOQ","YES","-99","","0.118","0.001","5.30",""
"BPSI-TT-MW311S-20180919","Modified EPA 537","Initial","1803120-12","Vista","2355-31-

9","MeFOSAA","5.30","ng/L","UU","2.89","LOD","","TRG","","","8.45","LOQ","YES","-99","","0.118","0.001","5.30","
"BPSI-TT-MW311S-20180919","Modified EPA 537","Initial","1803120-12","Vista","2991-50-6","EtFOSAA","5.30","ng/L","UU","2.89","LOD","","TRG","","","8.45","LOQ","YES","-99","","0.118","0.001","5.30","","
"BPSI-TT-MW311S-20180919","Modified EPA 537","Initial","1803120-12","Vista","2058-94-8","PFUnA","5.30","ng/L","UU","2.89","LOD","","TRG","","","8.45","LOQ","YES","-99","","0.118","0.001","5.30","","
"BPSI-TT-MW311S-20180919","Modified EPA 537","Initial","1803120-12","Vista","335-77-3","PFDS","5.30","ng/L","UU","2.89","LOD","","TRG","","","8.45","LOQ","YES","-99","","0.118","0.001","5.30",""
"BPSI-TT-MW311S-20180919","Modified EPA 537","Initial","1803120-12","Vista","307-55-1","PFDoA","5.30","ng/L","UU","2.89","LOD","","TRG","","","8.45","LOQ","YES","-99","","0.118","0.001","5.30","","
"BPSI-TT-MW311S-20180919","Modified EPA 537","Initial","1803120-12","Vista","72629-94-8","PFTrDA","5.30","ng/L","UU","2.89","LOD","","TRG","","","8.45","LOQ","YES","-99","","0.118","0.001","5.30","","
"BPSI-TT-MW311S-20180919","Modified EPA 537","Initial","1803120-12","Vista","376-06-7","PFTeDA","5.30","ng/L","UU","2.89","LOD","","TRG","","","8.45","LOQ","YES","-99","","0.118","0.001","5.30","","
"BPSI-TT-MW311S-20180919","Modified EPA 537","Initial","1803120-12","Vista","13C3-PFBA","13C3-PFBA","96.1","%R","","-99","NA","","IS","96.1","","-99","NA","YES","100","","0.118","0.001","-99",""
"BPSI-TT-MW311S-20180919","Modified EPA 537","Initial","1803120-12","Vista","13C3-PFPeA","13C3-PFPeA","90.7","%R","","-99","NA","","IS","90.7","","-99","NA","YES","100","","0.118","0.001","-99",""
"BPSI-TT-MW311S-20180919","Modified EPA 537","Initial","1803120-12","Vista","13C3-PFBS","13C3-PFBS","88.0","%R","","-99","NA","","IS","88.0","","-99","NA","YES","100","","0.118","0.001","-99",""
"BPSI-TT-MW311S-20180919","Modified EPA 537","Initial","1803120-12","Vista","13C2-PFHxA","13C2-PFHxA","88.4","%R","","-99","NA","","IS","88.4","","-99","NA","YES","100","","0.118","0.001","-99",""
"BPSI-TT-MW311S-20180919","Modified EPA 537","Initial","1803120-12","Vista","13C4-PFHpA","13C4-PFHpA","99.4","%R","","-99","NA","","IS","99.4","","-99","NA","YES","100","","0.118","0.001","-99",""
"BPSI-TT-MW311S-20180919","Modified EPA 537","Initial","1803120-12","Vista","18O2-PFHxS","18O2-PFHxS","89.7","%R","","-99","NA","","IS","89.7","","-99","NA","YES","100","","0.118","0.001","-99",""
"BPSI-TT-MW311S-20180919","Modified EPA 537","Initial","1803120-12","Vista","13C2-6:2 FTS","13C2-6:2 FTS","92.7","%R","","-99","NA","","IS","92.7","","-99","NA","YES","100","","0.118","0.001","-99",""
"BPSI-TT-MW311S-20180919","Modified EPA 537","Initial","1803120-12","Vista","13C2-PFOA","13C2-PFOA","89.9","%R","","-99","NA","","IS","89.9","","-99","NA","YES","100","","0.118","0.001","-99",""
"BPSI-TT-MW311S-20180919","Modified EPA 537","Initial","1803120-12","Vista","13C5-PFNA","13C5-PFNA","84.4","%R","","-99","NA","","IS","84.4","","-99","NA","YES","100","","0.118","0.001","-99",""
"BPSI-TT-MW311S-20180919","Modified EPA 537","Initial","1803120-12","Vista","13C8-PFOSA","13C8-PFOSA","11.2","%R","H","-99","NA","","IS","11.2","","-99","NA","YES","100","","0.118","0.001","-99",""
"BPSI-TT-MW311S-20180919","Modified EPA 537","Initial","1803120-12","Vista","13C8-PFOS","13C8-PFOS","94.9","%R","","-99","NA","","IS","94.9","","-99","NA","YES","100","","0.118","0.001","-99",""
"BPSI-TT-MW311S-20180919","Modified EPA 537","Initial","1803120-12","Vista","13C2-PFDA","13C2-PFDA","73.9","%R","","-99","NA","","IS","73.9","","-99","NA","YES","100","","0.118","0.001","-99",""
"BPSI-TT-MW311S-20180919","Modified EPA 537","Initial","1803120-12","Vista","13C2-8:2 FTS","13C2-8:2 FTS","88.3","%R","","-99","NA","","IS","88.3","","-99","NA","YES","100","","0.118","0.001","-99",""
"BPSI-TT-MW311S-20180919","Modified EPA 537","Initial","1803120-12","Vista","d3-MeFOSAA","d3-MeFOSAA","73.3","%R","","-99","NA","","IS","73.3","","-99","NA","YES","100","","0.118","0.001","-99",""
"BPSI-TT-MW311S-20180919","Modified EPA 537","Initial","1803120-12","Vista","d5-EtFOSAA","d5-EtFOSAA","76.0","%R","","-99","NA","","IS","76.0","","-99","NA","YES","100","","0.118","0.001","-99",""
"BPSI-TT-MW311S-20180919","Modified EPA 537","Initial","1803120-12","Vista","13C2-PFUnA","13C2-PFUnA","78.6","%R","","-99","NA","","IS","78.6","","-99","NA","YES","100","","0.118","0.001","-99",""
"BPSI-TT-MW311S-20180919","Modified EPA 537","Initial","1803120-12","Vista","13C2-PFDoA","13C2-PFDoA","95.6","%R","","-99","NA","","IS","95.6","","-99","NA","YES","100","","0.118","0.001","-99",""
"BPSI-TT-MW311S-20180919","Modified EPA 537","Initial","1803120-12","Vista","13C2-PFTeDA","13C2-

PFTeDA","111","%R","","-99","NA","","IS","111","","-99","NA","YES","100","","0.118","0.001","-99",""
"BPSI-TT-MW311I-20180919","Modified EPA 537","Initial","1803120-13","Vista","375-22-4","PFBA","14.7","ng/L","","2.91","LOD","","TRG","","","8.49","LOQ","YES","-99","","0.118","0.001","5.30",""
"BPSI-TT-MW311I-20180919","Modified EPA 537","Initial","1803120-13","Vista","2706-90-3","PFPeA","13.9","ng/L","","2.91","LOD","","TRG","","","8.49","LOQ","YES","-99","","0.118","0.001","5.30",""
"BPSI-TT-MW311I-20180919","Modified EPA 537","Initial","1803120-13","Vista","375-73-5","PFBS","5.30","ng/L","UU","2.91","LOD","","TRG","","","8.49","LOQ","YES","-99","","0.118","0.001","5.30",""
"BPSI-TT-MW311I-20180919","Modified EPA 537","Initial","1803120-13","Vista","307-24-4","PFHxA","14.6","ng/L","","2.91","LOD","","TRG","","","8.49","LOQ","YES","-99","","0.118","0.001","5.30",""
"BPSI-TT-MW311I-20180919","Modified EPA 537","Initial","1803120-13","Vista","375-85-9","PFHpA","10.2","ng/L","","2.91","LOD","","TRG","","","8.49","LOQ","YES","-99","","0.118","0.001","5.30",""
"BPSI-TT-MW311I-20180919","Modified EPA 537","Initial","1803120-13","Vista","355-46-4","PFHxS","7.11","ng/L","J","2.91","LOD","","TRG","","","8.49","LOQ","YES","-99","","0.118","0.001","5.30",""
"BPSI-TT-MW311I-20180919","Modified EPA 537","Initial","1803120-13","Vista","27619-97-2","6:2 FTS","5.30","ng/L","UU","2.91","LOD","","TRG","","","8.49","LOQ","YES","-99","","0.118","0.001","5.30",""
"BPSI-TT-MW311I-20180919","Modified EPA 537","Initial","1803120-13","Vista","335-67-1","PFOA","12.2","ng/L","","2.91","LOD","","TRG","","","8.49","LOQ","YES","-99","","0.118","0.001","5.30",""
"BPSI-TT-MW311I-20180919","Modified EPA 537","Initial","1803120-13","Vista","375-92-8","PFHpS","5.30","ng/L","UU","2.91","LOD","","TRG","","","8.49","LOQ","YES","-99","","0.118","0.001","5.30",""
"BPSI-TT-MW311I-20180919","Modified EPA 537","Initial","1803120-13","Vista","375-95-1","PFNA","5.30","ng/L","UU","2.91","LOD","","TRG","","","8.49","LOQ","YES","-99","","0.118","0.001","5.30",""
"BPSI-TT-MW311I-20180919","Modified EPA 537","Initial","1803120-13","Vista","754-91-6","PFOSA","5.30","ng/L","UU","2.91","LOD","","TRG","","","8.49","LOQ","YES","-99","","0.118","0.001","5.30",""
"BPSI-TT-MW311I-20180919","Modified EPA 537","Initial","1803120-13","Vista","1763-23-1","PFOS","5.30","ng/L","UU","2.91","LOD","","TRG","","","8.49","LOQ","YES","-99","","0.118","0.001","5.30",""
"BPSI-TT-MW311I-20180919","Modified EPA 537","Initial","1803120-13","Vista","335-76-2","PFDA","5.30","ng/L","UU","2.91","LOD","","TRG","","","8.49","LOQ","YES","-99","","0.118","0.001","5.30",""
"BPSI-TT-MW311I-20180919","Modified EPA 537","Initial","1803120-13","Vista","39108-34-4","8:2 FTS","5.30","ng/L","UU","2.91","LOD","","TRG","","","8.49","LOQ","YES","-99","","0.118","0.001","5.30",""
"BPSI-TT-MW311I-20180919","Modified EPA 537","Initial","1803120-13","Vista","2355-31-9","MeFOSAA","5.30","ng/L","UU","2.91","LOD","","TRG","","","8.49","LOQ","YES","-99","","0.118","0.001","5.30",""
"BPSI-TT-MW311I-20180919","Modified EPA 537","Initial","1803120-13","Vista","2991-50-6","EtFOSAA","5.30","ng/L","UU","2.91","LOD","","TRG","","","8.49","LOQ","YES","-99","","0.118","0.001","5.30",""
"BPSI-TT-MW311I-20180919","Modified EPA 537","Initial","1803120-13","Vista","2058-94-8","PFUnA","5.30","ng/L","UU","2.91","LOD","","TRG","","","8.49","LOQ","YES","-99","","0.118","0.001","5.30",""
"BPSI-TT-MW311I-20180919","Modified EPA 537","Initial","1803120-13","Vista","335-77-3","PFDS","5.30","ng/L","UU","2.91","LOD","","TRG","","","8.49","LOQ","YES","-99","","0.118","0.001","5.30",""
"BPSI-TT-MW311I-20180919","Modified EPA 537","Initial","1803120-13","Vista","307-55-1","PFDoA","5.30","ng/L","UU","2.91","LOD","","TRG","","","8.49","LOQ","YES","-99","","0.118","0.001","5.30",""
"BPSI-TT-MW311I-20180919","Modified EPA 537","Initial","1803120-13","Vista","72629-94-8","PFTrDA","5.30","ng/L","UU","2.91","LOD","","TRG","","","8.49","LOQ","YES","-99","","0.118","0.001","5.30",""
"BPSI-TT-MW311I-20180919","Modified EPA 537","Initial","1803120-13","Vista","376-06-7","PFTeDA","5.30","ng/L","UU","2.91","LOD","","TRG","","","8.49","LOQ","YES","-99","","0.118","0.001","5.30",""
"BPSI-TT-MW311I-20180919","Modified EPA 537","Initial","1803120-13","Vista","13C3-PFBA","13C3-PFBA","94.5","%R","","-99","NA","","IS","94.5","","-99","NA","YES","100","","0.118","0.001","-99",""
"BPSI-TT-MW311I-20180919","Modified EPA 537","Initial","1803120-13","Vista","13C3-PFPeA","13C3-PFPeA","88.6","%R","","-99","NA","","IS","88.6","","-99","NA","YES","100","","0.118","0.001","-99",""

"BPSI-TT-MW311I-20180919","Modified EPA 537","Initial","1803120-13","Vista","13C3-PFBS","13C3-PFBS","90.7","%R","","-99","NA","","IS","90.7","","-99","NA","YES","100","","0.118","0.001","-99",""
"BPSI-TT-MW311I-20180919","Modified EPA 537","Initial","1803120-13","Vista","13C2-PFHxA","13C2-PFHxA","91.1","%R","","-99","NA","","IS","91.1","","-99","NA","YES","100","","0.118","0.001","-99",""
"BPSI-TT-MW311I-20180919","Modified EPA 537","Initial","1803120-13","Vista","13C4-PFHpA","13C4-PFHpA","104","%R","","-99","NA","","IS","104","","-99","NA","YES","100","","0.118","0.001","-99",""
"BPSI-TT-MW311I-20180919","Modified EPA 537","Initial","1803120-13","Vista","18O2-PFHxS","18O2-PFHxS","84.2","%R","","-99","NA","","IS","84.2","","-99","NA","YES","100","","0.118","0.001","-99",""
"BPSI-TT-MW311I-20180919","Modified EPA 537","Initial","1803120-13","Vista","13C2-6:2 FTS","13C2-6:2 FTS","88.5","%R","","-99","NA","","IS","88.5","","-99","NA","YES","100","","0.118","0.001","-99",""
"BPSI-TT-MW311I-20180919","Modified EPA 537","Initial","1803120-13","Vista","13C2-PFOA","13C2-PFOA","92.7","%R","","-99","NA","","IS","92.7","","-99","NA","YES","100","","0.118","0.001","-99",""
"BPSI-TT-MW311I-20180919","Modified EPA 537","Initial","1803120-13","Vista","13C5-PFNA","13C5-PFNA","80.7","%R","","-99","NA","","IS","80.7","","-99","NA","YES","100","","0.118","0.001","-99",""
"BPSI-TT-MW311I-20180919","Modified EPA 537","Initial","1803120-13","Vista","13C8-PFOSA","13C8-PFOSA","15.8","%R","H","-99","NA","","IS","15.8","","-99","NA","YES","100","","0.118","0.001","-99",""
"BPSI-TT-MW311I-20180919","Modified EPA 537","Initial","1803120-13","Vista","13C8-PFOS","13C8-PFOS","99.2","%R","","-99","NA","","IS","99.2","","-99","NA","YES","100","","0.118","0.001","-99",""
"BPSI-TT-MW311I-20180919","Modified EPA 537","Initial","1803120-13","Vista","13C2-PFDA","13C2-PFDA","65.8","%R","","-99","NA","","IS","65.8","","-99","NA","YES","100","","0.118","0.001","-99",""
"BPSI-TT-MW311I-20180919","Modified EPA 537","Initial","1803120-13","Vista","13C2-8:2 FTS","13C2-8:2 FTS","99.3","%R","","-99","NA","","IS","99.3","","-99","NA","YES","100","","0.118","0.001","-99",""
"BPSI-TT-MW311I-20180919","Modified EPA 537","Initial","1803120-13","Vista","d3-MeFOSAA","d3-MeFOSAA","63.2","%R","","-99","NA","","IS","63.2","","-99","NA","YES","100","","0.118","0.001","-99",""
"BPSI-TT-MW311I-20180919","Modified EPA 537","Initial","1803120-13","Vista","d5-EtFOSAA","d5-EtFOSAA","72.2","%R","","-99","NA","","IS","72.2","","-99","NA","YES","100","","0.118","0.001","-99",""
"BPSI-TT-MW311I-20180919","Modified EPA 537","Initial","1803120-13","Vista","13C2-PFUnA","13C2-PFUnA","72.6","%R","","-99","NA","","IS","72.6","","-99","NA","YES","100","","0.118","0.001","-99",""
"BPSI-TT-MW311I-20180919","Modified EPA 537","Initial","1803120-13","Vista","13C2-PFDoA","13C2-PFDoA","84.7","%R","","-99","NA","","IS","84.7","","-99","NA","YES","100","","0.118","0.001","-99",""
"BPSI-TT-MW311I-20180919","Modified EPA 537","Initial","1803120-13","Vista","13C2-PFTeDA","13C2-PFTeDA","106","%R","","-99","NA","","IS","106","","-99","NA","YES","100","","0.118","0.001","-99",""
"BPSI-TT-MW314S-20180919","Modified EPA 537","Initial","1803120-14","Vista","375-22-4","PFBA","9.79","ng/L","","2.92","LOD","","TRG","","","8.53","LOQ","YES","-99","","0.117","0.001","5.34",""
"BPSI-TT-MW314S-20180919","Modified EPA 537","Initial","1803120-14","Vista","2706-90-3","PFPeA","18.7","ng/L","","2.92","LOD","","TRG","","","8.53","LOQ","YES","-99","","0.117","0.001","5.34",""
"BPSI-TT-MW314S-20180919","Modified EPA 537","Initial","1803120-14","Vista","375-73-5","PFBS","5.34","ng/L","UU","2.92","LOD","","TRG","","","8.53","LOQ","YES","-99","","0.117","0.001","5.34",""
"BPSI-TT-MW314S-20180919","Modified EPA 537","Initial","1803120-14","Vista","307-24-4","PFHxA","13.4","ng/L","","2.92","LOD","","TRG","","","8.53","LOQ","YES","-99","","0.117","0.001","5.34",""
"BPSI-TT-MW314S-20180919","Modified EPA 537","Initial","1803120-14","Vista","375-85-9","PFHpA","37.4","ng/L","","2.92","LOD","","TRG","","","8.53","LOQ","YES","-99","","0.117","0.001","5.34",""
"BPSI-TT-MW314S-20180919","Modified EPA 537","Initial","1803120-14","Vista","355-46-4","PFHxS","5.34","ng/L","UU","2.92","LOD","","TRG","","","8.53","LOQ","YES","-99","","0.117","0.001","5.34",""
"BPSI-TT-MW314S-20180919","Modified EPA 537","Initial","1803120-14","Vista","27619-97-2","6:2 FTS","3.75","ng/L","J","2.92","LOD","","TRG","","","8.53","LOQ","YES","-99","","0.117","0.001","5.34",""
"BPSI-TT-MW314S-20180919","Modified EPA 537","Initial","1803120-14","Vista","335-67-1","PFOA","98.8","ng/L","","2.92","LOD","","TRG","","","8.53","LOQ","YES","-99","","0.117","0.001","5.34",""
"BPSI-TT-MW314S-20180919","Modified EPA 537","Initial","1803120-14","Vista","375-92-8","PFHpS","5.34","ng/L","UU","2.92","LOD","","TRG","","","8.53","LOQ","YES","-99","","0.117","0.001","5.34",""
"BPSI-TT-MW314S-20180919","Modified EPA 537","Initial","1803120-14","Vista","375-95-1","PFNA","5.34","ng/L","UU","2.92","LOD","","TRG","","","8.53","LOQ","YES","-99","","0.117","0.001","5.34",""
"BPSI-TT-MW314S-20180919","Modified EPA 537","Initial","1803120-14","Vista","754-91-6","PFOSA","5.34","ng/L","UU","2.92","LOD","","TRG","","","8.53","LOQ","YES","-99","","0.117","0.001","5.34","

"
"BPSI-TT-MW314S-20180919","Modified EPA 537","Initial","1803120-14","Vista","1763-23-1","PFOS","5.34","ng/L","UU","2.92","LOD","","TRG","","","8.53","LOQ","YES","-99","","0.117","0.001","5.34",""
"BPSI-TT-MW314S-20180919","Modified EPA 537","Initial","1803120-14","Vista","335-76-2","PFDA","5.34","ng/L","UU","2.92","LOD","","TRG","","","8.53","LOQ","YES","-99","","0.117","0.001","5.34",""
"BPSI-TT-MW314S-20180919","Modified EPA 537","Initial","1803120-14","Vista","39108-34-4","8:2 FTS","5.34","ng/L","UU","2.92","LOD","","TRG","","","8.53","LOQ","YES","-99","","0.117","0.001","5.34",""
"BPSI-TT-MW314S-20180919","Modified EPA 537","Initial","1803120-14","Vista","2355-31-9","MeFOSAA","5.34","ng/L","UU","2.92","LOD","","TRG","","","8.53","LOQ","YES","-99","","0.117","0.001","5.34",""
"BPSI-TT-MW314S-20180919","Modified EPA 537","Initial","1803120-14","Vista","2991-50-6","EtFOSAA","5.34","ng/L","UU","2.92","LOD","","TRG","","","8.53","LOQ","YES","-99","","0.117","0.001","5.34","",""
"BPSI-TT-MW314S-20180919","Modified EPA 537","Initial","1803120-14","Vista","2058-94-8","PFUnA","5.34","ng/L","UU","2.92","LOD","","TRG","","","8.53","LOQ","YES","-99","","0.117","0.001","5.34","
"
"BPSI-TT-MW314S-20180919","Modified EPA 537","Initial","1803120-14","Vista","335-77-3","PFDS","5.34","ng/L","UU","2.92","LOD","","TRG","","","8.53","LOQ","YES","-99","","0.117","0.001","5.34",""
"BPSI-TT-MW314S-20180919","Modified EPA 537","Initial","1803120-14","Vista","307-55-1","PFDoA","5.34","ng/L","UU","2.92","LOD","","TRG","","","8.53","LOQ","YES","-99","","0.117","0.001","5.34","
"
"BPSI-TT-MW314S-20180919","Modified EPA 537","Initial","1803120-14","Vista","72629-94-8","PFTrDA","5.34","ng/L","UU","2.92","LOD","","TRG","","","8.53","LOQ","YES","-99","","0.117","0.001","5.34",
""
"BPSI-TT-MW314S-20180919","Modified EPA 537","Initial","1803120-14","Vista","376-06-7","PFTeDA","5.34","ng/L","UU","2.92","LOD","","TRG","","","8.53","LOQ","YES","-99","","0.117","0.001","5.34",
""
"BPSI-TT-MW314S-20180919","Modified EPA 537","Initial","1803120-14","Vista","13C3-PFBA","13C3-PFBA","94.9","%R","","-99","NA","","IS","94.9","","-99","NA","YES","100","","0.117","0.001","-99",""
"BPSI-TT-MW314S-20180919","Modified EPA 537","Initial","1803120-14","Vista","13C3-PFPeA","13C3-PFPeA","85.6","%R","","-99","NA","","IS","85.6","","-99","NA","YES","100","","0.117","0.001","-99",""
"BPSI-TT-MW314S-20180919","Modified EPA 537","Initial","1803120-14","Vista","13C3-PFBS","13C3-PFBS","91.6","%R","","-99","NA","","IS","91.6","","-99","NA","YES","100","","0.117","0.001","-99",""
"BPSI-TT-MW314S-20180919","Modified EPA 537","Initial","1803120-14","Vista","13C2-PFHxA","13C2-PFHxA","91.5","%R","","-99","NA","","IS","91.5","","-99","NA","YES","100","","0.117","0.001","-99",""
"BPSI-TT-MW314S-20180919","Modified EPA 537","Initial","1803120-14","Vista","13C4-PFHpA","13C4-PFHpA","102","%R","","-99","NA","","IS","102","","-99","NA","YES","100","","0.117","0.001","-99",""
"BPSI-TT-MW314S-20180919","Modified EPA 537","Initial","1803120-14","Vista","18O2-PFHxS","18O2-PFHxS","88.5","%R","","-99","NA","","IS","88.5","","-99","NA","YES","100","","0.117","0.001","-99",""
"BPSI-TT-MW314S-20180919","Modified EPA 537","Initial","1803120-14","Vista","13C2-6:2 FTS","13C2-6:2 FTS","88.5","%R","","-99","NA","","IS","88.5","","-99","NA","YES","100","","0.117","0.001","-99",""
"BPSI-TT-MW314S-20180919","Modified EPA 537","Initial","1803120-14","Vista","13C2-PFOA","13C2-PFOA","95.4","%R","","-99","NA","","IS","95.4","","-99","NA","YES","100","","0.117","0.001","-99",""
"BPSI-TT-MW314S-20180919","Modified EPA 537","Initial","1803120-14","Vista","13C5-PFNA","13C5-PFNA","81.0","%R","","-99","NA","","IS","81.0","","-99","NA","YES","100","","0.117","0.001","-99",""
"BPSI-TT-MW314S-20180919","Modified EPA 537","Initial","1803120-14","Vista","13C8-PFOSA","13C8-PFOSA","27.7","%R","H","-99","NA","","IS","27.7","","-99","NA","YES","100","","0.117","0.001","-99",""
"BPSI-TT-MW314S-20180919","Modified EPA 537","Initial","1803120-14","Vista","13C8-PFOS","13C8-PFOS","91.3","%R","","-99","NA","","IS","91.3","","-99","NA","YES","100","","0.117","0.001","-99",""
"BPSI-TT-MW314S-20180919","Modified EPA 537","Initial","1803120-14","Vista","13C2-PFDA","13C2-PFDA","74.2","%R","","-99","NA","","IS","74.2","","-99","NA","YES","100","","0.117","0.001","-99",""
"BPSI-TT-MW314S-20180919","Modified EPA 537","Initial","1803120-14","Vista","13C2-8:2 FTS","13C2-8:2 FTS","87.7","%R","","-99","NA","","IS","87.7","","-99","NA","YES","100","","0.117","0.001","-99",""
"BPSI-TT-MW314S-20180919","Modified EPA 537","Initial","1803120-14","Vista","d3-MeFOSAA","d3-

MeFOSAA","68.9","%R","","-99","NA","","IS","68.9","","-99","NA","YES","100","","0.117","0.001","-99",""
"BPSI-TT-MW314S-20180919","Modified EPA 537","Initial","1803120-14","Vista","d5-EtFOSAA","d5-
EtFOSAA","73.0","%R","","-99","NA","","IS","73.0","","-99","NA","YES","100","","0.117","0.001","-99",""
"BPSI-TT-MW314S-20180919","Modified EPA 537","Initial","1803120-14","Vista","13C2-PFUnA","13C2-
PFUnA","78.4","%R","","-99","NA","","IS","78.4","","-99","NA","YES","100","","0.117","0.001","-99",""
"BPSI-TT-MW314S-20180919","Modified EPA 537","Initial","1803120-14","Vista","13C2-PFDoA","13C2-
PFDoA","86.5","%R","","-99","NA","","IS","86.5","","-99","NA","YES","100","","0.117","0.001","-99",""
"BPSI-TT-MW314S-20180919","Modified EPA 537","Initial","1803120-14","Vista","13C2-PFTeDA","13C2-
PFTeDA","104","%R","","-99","NA","","IS","104","","-99","NA","YES","100","","0.117","0.001","-99",""
"BPSI-TT-MW314D-20180919","Modified EPA 537","Initial","1803120-15","Vista","375-22-
4","PFBA","14.2","ng/L","","2.87","LOD","","TRG","","","8.38","LOQ","YES","-99","","0.119","0.001","5.25",""
"BPSI-TT-MW314D-20180919","Modified EPA 537","Initial","1803120-15","Vista","2706-90-
3","PFPeA","44.7","ng/L","","2.87","LOD","","TRG","","","8.38","LOQ","YES","-99","","0.119","0.001","5.25",""
"BPSI-TT-MW314D-20180919","Modified EPA 537","Initial","1803120-15","Vista","375-73-
5","PFBS","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.38","LOQ","YES","-99","","0.119","0.001","5.25",""
"BPSI-TT-MW314D-20180919","Modified EPA 537","Initial","1803120-15","Vista","307-24-
4","PFHxA","28.9","ng/L","","2.87","LOD","","TRG","","","8.38","LOQ","YES","-99","","0.119","0.001","5.25",""
"BPSI-TT-MW314D-20180919","Modified EPA 537","Initial","1803120-15","Vista","375-85-
9","PFHpA","15.9","ng/L","","2.87","LOD","","TRG","","","8.38","LOQ","YES","-99","","0.119","0.001","5.25",""
"BPSI-TT-MW314D-20180919","Modified EPA 537","Initial","1803120-15","Vista","355-46-
4","PFHxS","3.43","ng/L","J","2.87","LOD","","TRG","","","8.38","LOQ","YES","-99","","0.119","0.001","5.25",""
"BPSI-TT-MW314D-20180919","Modified EPA 537","Initial","1803120-15","Vista","27619-97-2","6:2
FTS","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.38","LOQ","YES","-99","","0.119","0.001","5.25",""
"BPSI-TT-MW314D-20180919","Modified EPA 537","Initial","1803120-15","Vista","335-67-
1","PFOA","14.8","ng/L","","2.87","LOD","","TRG","","","8.38","LOQ","YES","-99","","0.119","0.001","5.25",""
"BPSI-TT-MW314D-20180919","Modified EPA 537","Initial","1803120-15","Vista","375-92-
8","PFHpS","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.38","LOQ","YES","-99","","0.119","0.001","5.25",""
"BPSI-TT-MW314D-20180919","Modified EPA 537","Initial","1803120-15","Vista","375-95-
1","PFNA","8.11","ng/L","J","2.87","LOD","","TRG","","","8.38","LOQ","YES","-99","","0.119","0.001","5.25",""
"BPSI-TT-MW314D-20180919","Modified EPA 537","Initial","1803120-15","Vista","754-91-
6","PFOSA","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.38","LOQ","YES","-99","","0.119","0.001","5.25","
"
"BPSI-TT-MW314D-20180919","Modified EPA 537","Initial","1803120-15","Vista","1763-23-
1","PFOS","9.72","ng/L","","2.87","LOD","","TRG","","","8.38","LOQ","YES","-99","","0.119","0.001","5.25",""
"BPSI-TT-MW314D-20180919","Modified EPA 537","Initial","1803120-15","Vista","335-76-
2","PFDA","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.38","LOQ","YES","-99","","0.119","0.001","5.25",""
"BPSI-TT-MW314D-20180919","Modified EPA 537","Initial","1803120-15","Vista","39108-34-4","8:2
FTS","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.38","LOQ","YES","-99","","0.119","0.001","5.25",""
"BPSI-TT-MW314D-20180919","Modified EPA 537","Initial","1803120-15","Vista","2355-31-
9","MeFOSAA","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.38","LOQ","YES","-99","","0.119","0.001","5.2
5",""
"BPSI-TT-MW314D-20180919","Modified EPA 537","Initial","1803120-15","Vista","2991-50-
6","EtFOSAA","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.38","LOQ","YES","-99","","0.119","0.001","5.25
",""
"BPSI-TT-MW314D-20180919","Modified EPA 537","Initial","1803120-15","Vista","2058-94-
8","PFUnA","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.38","LOQ","YES","-99","","0.119","0.001","5.25","
"
"BPSI-TT-MW314D-20180919","Modified EPA 537","Initial","1803120-15","Vista","335-77-
3","PFDS","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.38","LOQ","YES","-99","","0.119","0.001","5.25",""
"BPSI-TT-MW314D-20180919","Modified EPA 537","Initial","1803120-15","Vista","307-55-
1","PFDoA","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.38","LOQ","YES","-99","","0.119","0.001","5.25","
"
"BPSI-TT-MW314D-20180919","Modified EPA 537","Initial","1803120-15","Vista","72629-94-
8","PFTrDA","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.38","LOQ","YES","-99","","0.119","0.001","5.25",

""
"BPSI-TT-MW314D-20180919","Modified EPA 537","Initial","1803120-15","Vista","376-06-7","PFTeDA","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.38","LOQ","YES","-99","","0.119","0.001","5.25",""
"BPSI-TT-MW314D-20180919","Modified EPA 537","Initial","1803120-15","Vista","13C3-PFBA","13C3-PFBA","95.9","%R","","-99","NA","","IS","95.9","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPSI-TT-MW314D-20180919","Modified EPA 537","Initial","1803120-15","Vista","13C3-PFPeA","13C3-PFPeA","86.5","%R","","-99","NA","","IS","86.5","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPSI-TT-MW314D-20180919","Modified EPA 537","Initial","1803120-15","Vista","13C3-PFBS","13C3-PFBS","91.8","%R","","-99","NA","","IS","91.8","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPSI-TT-MW314D-20180919","Modified EPA 537","Initial","1803120-15","Vista","13C2-PFHxA","13C2-PFHxA","90.0","%R","","-99","NA","","IS","90.0","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPSI-TT-MW314D-20180919","Modified EPA 537","Initial","1803120-15","Vista","13C4-PFHpA","13C4-PFHpA","112","%R","","-99","NA","","IS","112","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPSI-TT-MW314D-20180919","Modified EPA 537","Initial","1803120-15","Vista","18O2-PFHxS","18O2-PFHxS","88.9","%R","","-99","NA","","IS","88.9","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPSI-TT-MW314D-20180919","Modified EPA 537","Initial","1803120-15","Vista","13C2-6:2 FTS","13C2-6:2 FTS","91.5","%R","","-99","NA","","IS","91.5","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPSI-TT-MW314D-20180919","Modified EPA 537","Initial","1803120-15","Vista","13C2-PFOA","13C2-PFOA","93.9","%R","","-99","NA","","IS","93.9","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPSI-TT-MW314D-20180919","Modified EPA 537","Initial","1803120-15","Vista","13C5-PFNA","13C5-PFNA","79.5","%R","","-99","NA","","IS","79.5","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPSI-TT-MW314D-20180919","Modified EPA 537","Initial","1803120-15","Vista","13C8-PFOSA","13C8-PFOSA","12.0","%R","H","-99","NA","","IS","12.0","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPSI-TT-MW314D-20180919","Modified EPA 537","Initial","1803120-15","Vista","13C8-PFOS","13C8-PFOS","91.6","%R","","-99","NA","","IS","91.6","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPSI-TT-MW314D-20180919","Modified EPA 537","Initial","1803120-15","Vista","13C2-PFDA","13C2-PFDA","69.1","%R","","-99","NA","","IS","69.1","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPSI-TT-MW314D-20180919","Modified EPA 537","Initial","1803120-15","Vista","13C2-8:2 FTS","13C2-8:2 FTS","84.3","%R","","-99","NA","","IS","84.3","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPSI-TT-MW314D-20180919","Modified EPA 537","Initial","1803120-15","Vista","d3-MeFOSAA","d3-MeFOSAA","66.3","%R","","-99","NA","","IS","66.3","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPSI-TT-MW314D-20180919","Modified EPA 537","Initial","1803120-15","Vista","d5-EtFOSAA","d5-EtFOSAA","75.0","%R","","-99","NA","","IS","75.0","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPSI-TT-MW314D-20180919","Modified EPA 537","Initial","1803120-15","Vista","13C2-PFUnA","13C2-PFUnA","81.0","%R","","-99","NA","","IS","81.0","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPSI-TT-MW314D-20180919","Modified EPA 537","Initial","1803120-15","Vista","13C2-PFDoA","13C2-PFDoA","84.9","%R","","-99","NA","","IS","84.9","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPSI-TT-MW314D-20180919","Modified EPA 537","Initial","1803120-15","Vista","13C2-PFTeDA","13C2-PFTeDA","105","%R","","-99","NA","","IS","105","","-99","NA","YES","100","","0.119","0.001","-99",""
"BP-TT-EB03-20180919","Modified EPA 537","Initial","1803120-16","Vista","375-22-4","PFBA","5.25","ng/L","UU","2.88","LOD","","TRG","","","8.42","LOQ","YES","-99","","0.119","0.001","5.25",""
"BP-TT-EB03-20180919","Modified EPA 537","Initial","1803120-16","Vista","2706-90-3","PFPeA","5.25","ng/L","UU","2.88","LOD","","TRG","","","8.42","LOQ","YES","-99","","0.119","0.001","5.25",""
"BP-TT-EB03-20180919","Modified EPA 537","Initial","1803120-16","Vista","375-73-5","PFBS","5.25","ng/L","UU","2.88","LOD","","TRG","","","8.42","LOQ","YES","-99","","0.119","0.001","5.25",""
"BP-TT-EB03-20180919","Modified EPA 537","Initial","1803120-16","Vista","307-24-4","PFHxA","5.25","ng/L","UU","2.88","LOD","","TRG","","","8.42","LOQ","YES","-99","","0.119","0.001","5.25",""
"BP-TT-EB03-20180919","Modified EPA 537","Initial","1803120-16","Vista","375-85-9","PFHpA","5.25","ng/L","UU","2.88","LOD","","TRG","","","8.42","LOQ","YES","-99","","0.119","0.001","5.25",""
"BP-TT-EB03-20180919","Modified EPA 537","Initial","1803120-16","Vista","355-46-4","PFHxS","5.25","ng/L","UU","2.88","LOD","","TRG","","","8.42","LOQ","YES","-99","","0.119","0.001","5.25",""

"BP-TT-EB03-20180919","Modified EPA 537","Initial","1803120-16","Vista","27619-97-2","6:2 FTS","5.25","ng/L","UU","2.88","LOD","","TRG","","","8.42","LOQ","YES","-99","","0.119","0.001","5.25",""
"BP-TT-EB03-20180919","Modified EPA 537","Initial","1803120-16","Vista","335-67-1","PFOA","5.25","ng/L","UU","2.88","LOD","","TRG","","","8.42","LOQ","YES","-99","","0.119","0.001","5.25",""
"BP-TT-EB03-20180919","Modified EPA 537","Initial","1803120-16","Vista","375-92-8","PFHpS","5.25","ng/L","UU","2.88","LOD","","TRG","","","8.42","LOQ","YES","-99","","0.119","0.001","5.25",""
"BP-TT-EB03-20180919","Modified EPA 537","Initial","1803120-16","Vista","375-95-1","PFNA","5.25","ng/L","UU","2.88","LOD","","TRG","","","8.42","LOQ","YES","-99","","0.119","0.001","5.25",""
"BP-TT-EB03-20180919","Modified EPA 537","Initial","1803120-16","Vista","754-91-6","PFOSA","5.25","ng/L","UU","2.88","LOD","","TRG","","","8.42","LOQ","YES","-99","","0.119","0.001","5.25","
"
"BP-TT-EB03-20180919","Modified EPA 537","Initial","1803120-16","Vista","1763-23-1","PFOS","5.25","ng/L","UU","2.88","LOD","","TRG","","","8.42","LOQ","YES","-99","","0.119","0.001","5.25",""
"BP-TT-EB03-20180919","Modified EPA 537","Initial","1803120-16","Vista","335-76-2","PFDA","5.25","ng/L","UU","2.88","LOD","","TRG","","","8.42","LOQ","YES","-99","","0.119","0.001","5.25",""
"BP-TT-EB03-20180919","Modified EPA 537","Initial","1803120-16","Vista","39108-34-4","8:2 FTS","5.25","ng/L","UU","2.88","LOD","","TRG","","","8.42","LOQ","YES","-99","","0.119","0.001","5.25",""
"BP-TT-EB03-20180919","Modified EPA 537","Initial","1803120-16","Vista","2355-31-9","MeFOSAA","5.25","ng/L","UU","2.88","LOD","","TRG","","","8.42","LOQ","YES","-99","","0.119","0.001","5.25",""
"BP-TT-EB03-20180919","Modified EPA 537","Initial","1803120-16","Vista","2991-50-6","EtFOSAA","5.25","ng/L","UU","2.88","LOD","","TRG","","","8.42","LOQ","YES","-99","","0.119","0.001","5.25",","
"BP-TT-EB03-20180919","Modified EPA 537","Initial","1803120-16","Vista","2058-94-8","PFUnA","5.25","ng/L","UU","2.88","LOD","","TRG","","","8.42","LOQ","YES","-99","","0.119","0.001","5.25","
"
"BP-TT-EB03-20180919","Modified EPA 537","Initial","1803120-16","Vista","335-77-3","PFDS","5.25","ng/L","UU","2.88","LOD","","TRG","","","8.42","LOQ","YES","-99","","0.119","0.001","5.25",""
"BP-TT-EB03-20180919","Modified EPA 537","Initial","1803120-16","Vista","307-55-1","PFDoA","5.25","ng/L","UU","2.88","LOD","","TRG","","","8.42","LOQ","YES","-99","","0.119","0.001","5.25","
"
"BP-TT-EB03-20180919","Modified EPA 537","Initial","1803120-16","Vista","72629-94-8","PFTrDA","5.25","ng/L","UU","2.88","LOD","","TRG","","","8.42","LOQ","YES","-99","","0.119","0.001","5.25",
""
"BP-TT-EB03-20180919","Modified EPA 537","Initial","1803120-16","Vista","376-06-7","PFTeDA","5.25","ng/L","UU","2.88","LOD","","TRG","","","8.42","LOQ","YES","-99","","0.119","0.001","5.25",
""
"BP-TT-EB03-20180919","Modified EPA 537","Initial","1803120-16","Vista","13C3-PFBA","13C3-PFBA","94.7","%R","","-99","NA","","IS","94.7","","-99","NA","YES","100","","0.119","0.001","-99",""
"BP-TT-EB03-20180919","Modified EPA 537","Initial","1803120-16","Vista","13C3-PFPeA","13C3-PFPeA","83.2","%R","","-99","NA","","IS","83.2","","-99","NA","YES","100","","0.119","0.001","-99",""
"BP-TT-EB03-20180919","Modified EPA 537","Initial","1803120-16","Vista","13C3-PFBS","13C3-PFBS","91.4","%R","","-99","NA","","IS","91.4","","-99","NA","YES","100","","0.119","0.001","-99",""
"BP-TT-EB03-20180919","Modified EPA 537","Initial","1803120-16","Vista","13C2-PFHxA","13C2-PFHxA","91.4","%R","","-99","NA","","IS","91.4","","-99","NA","YES","100","","0.119","0.001","-99",""
"BP-TT-EB03-20180919","Modified EPA 537","Initial","1803120-16","Vista","13C4-PFHpA","13C4-PFHpA","105","%R","","-99","NA","","IS","105","","-99","NA","YES","100","","0.119","0.001","-99",""
"BP-TT-EB03-20180919","Modified EPA 537","Initial","1803120-16","Vista","18O2-PFHxS","18O2-PFHxS","84.2","%R","","-99","NA","","IS","84.2","","-99","NA","YES","100","","0.119","0.001","-99",""
"BP-TT-EB03-20180919","Modified EPA 537","Initial","1803120-16","Vista","13C2-6:2 FTS","13C2-6:2 FTS","95.1","%R","","-99","NA","","IS","95.1","","-99","NA","YES","100","","0.119","0.001","-99",""
"BP-TT-EB03-20180919","Modified EPA 537","Initial","1803120-16","Vista","13C2-PFOA","13C2-PFOA","91.3","%R","","-99","NA","","IS","91.3","","-99","NA","YES","100","","0.119","0.001","-99",""
"BP-TT-EB03-20180919","Modified EPA 537","Initial","1803120-16","Vista","13C5-PFNA","13C5-

PFNA","80.4","%R","","-99","NA","","IS","80.4","","-99","NA","YES","100","","0.119","0.001","-99",""
"BP-TT-EB03-20180919","Modified EPA 537","Initial","1803120-16","Vista","13C8-PFOSA","13C8-
PFOSA","14.8","%R","H","-99","NA","","IS","14.8","","-99","NA","YES","100","","0.119","0.001","-99",""
"BP-TT-EB03-20180919","Modified EPA 537","Initial","1803120-16","Vista","13C8-PFOS","13C8-
PFOS","96.9","%R","","-99","NA","","IS","96.9","","-99","NA","YES","100","","0.119","0.001","-99",""
"BP-TT-EB03-20180919","Modified EPA 537","Initial","1803120-16","Vista","13C2-PFDA","13C2-
PFDA","68.7","%R","","-99","NA","","IS","68.7","","-99","NA","YES","100","","0.119","0.001","-99",""
"BP-TT-EB03-20180919","Modified EPA 537","Initial","1803120-16","Vista","13C2-8:2 FTS","13C2-8:2
FTS","91.8","%R","","-99","NA","","IS","91.8","","-99","NA","YES","100","","0.119","0.001","-99",""
"BP-TT-EB03-20180919","Modified EPA 537","Initial","1803120-16","Vista","d3-MeFOSAA","d3-
MeFOSAA","63.6","%R","","-99","NA","","IS","63.6","","-99","NA","YES","100","","0.119","0.001","-99",""
"BP-TT-EB03-20180919","Modified EPA 537","Initial","1803120-16","Vista","d5-EtFOSAA","d5-
EtFOSAA","65.0","%R","","-99","NA","","IS","65.0","","-99","NA","YES","100","","0.119","0.001","-99",""
"BP-TT-EB03-20180919","Modified EPA 537","Initial","1803120-16","Vista","13C2-PFUnA","13C2-
PFUnA","73.5","%R","","-99","NA","","IS","73.5","","-99","NA","YES","100","","0.119","0.001","-99",""
"BP-TT-EB03-20180919","Modified EPA 537","Initial","1803120-16","Vista","13C2-PFDoA","13C2-
PFDoA","77.9","%R","","-99","NA","","IS","77.9","","-99","NA","YES","100","","0.119","0.001","-99",""
"BP-TT-EB03-20180919","Modified EPA 537","Initial","1803120-16","Vista","13C2-PFTeDA","13C2-
PFTeDA","95.4","%R","","-99","NA","","IS","95.4","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPSI-TT-MW313S-2018020","Modified EPA 537","Initial","1803120-17","Vista","375-22-
4","PFBA","17.5","ng/L","","2.97","LOD","","TRG","","","8.67","LOQ","YES","-99","","0.115","0.001","5.43",""
"BPSI-TT-MW313S-2018020","Modified EPA 537","Initial","1803120-17","Vista","2706-90-
3","PFPeA","44.4","ng/L","","2.97","LOD","","TRG","","","8.67","LOQ","YES","-99","","0.115","0.001","5.43",""
"BPSI-TT-MW313S-2018020","Modified EPA 537","Initial","1803120-17","Vista","375-73-
5","PFBS","5.43","ng/L","UU","2.97","LOD","","TRG","","","8.67","LOQ","YES","-99","","0.115","0.001","5.43",""
"BPSI-TT-MW313S-2018020","Modified EPA 537","Initial","1803120-17","Vista","307-24-
4","PFHxA","27.5","ng/L","","2.97","LOD","","TRG","","","8.67","LOQ","YES","-99","","0.115","0.001","5.43",""
"BPSI-TT-MW313S-2018020","Modified EPA 537","Initial","1803120-17","Vista","375-85-
9","PFHpA","18.2","ng/L","","2.97","LOD","","TRG","","","8.67","LOQ","YES","-99","","0.115","0.001","5.43",""
"BPSI-TT-MW313S-2018020","Modified EPA 537","Initial","1803120-17","Vista","355-46-
4","PFHxS","5.43","ng/L","UU","2.97","LOD","","TRG","","","8.67","LOQ","YES","-99","","0.115","0.001","5.43",""
"BPSI-TT-MW313S-2018020","Modified EPA 537","Initial","1803120-17","Vista","27619-97-2","6:2
FTS","5.43","ng/L","UU","2.97","LOD","","TRG","","","8.67","LOQ","YES","-99","","0.115","0.001","5.43",""
"BPSI-TT-MW313S-2018020","Modified EPA 537","Initial","1803120-17","Vista","335-67-
1","PFOA","7.98","ng/L","J","2.97","LOD","","TRG","","","8.67","LOQ","YES","-99","","0.115","0.001","5.43",""
"BPSI-TT-MW313S-2018020","Modified EPA 537","Initial","1803120-17","Vista","375-92-
8","PFHpS","5.43","ng/L","UU","2.97","LOD","","TRG","","","8.67","LOQ","YES","-99","","0.115","0.001","5.43",""
"BPSI-TT-MW313S-2018020","Modified EPA 537","Initial","1803120-17","Vista","375-95-
1","PFNA","3.87","ng/L","J","2.97","LOD","","TRG","","","8.67","LOQ","YES","-99","","0.115","0.001","5.43",""
"BPSI-TT-MW313S-2018020","Modified EPA 537","Initial","1803120-17","Vista","754-91-
6","PFOSA","5.43","ng/L","UU","2.97","LOD","","TRG","","","8.67","LOQ","YES","-99","","0.115","0.001","5.43","
"
"BPSI-TT-MW313S-2018020","Modified EPA 537","Initial","1803120-17","Vista","1763-23-
1","PFOS","5.77","ng/L","J","2.97","LOD","","TRG","","","8.67","LOQ","YES","-99","","0.115","0.001","5.43",""
"BPSI-TT-MW313S-2018020","Modified EPA 537","Initial","1803120-17","Vista","335-76-
2","PFDA","5.43","ng/L","UU","2.97","LOD","","TRG","","","8.67","LOQ","YES","-99","","0.115","0.001","5.43",""
"BPSI-TT-MW313S-2018020","Modified EPA 537","Initial","1803120-17","Vista","39108-34-4","8:2
FTS","5.43","ng/L","UU","2.97","LOD","","TRG","","","8.67","LOQ","YES","-99","","0.115","0.001","5.43",""
"BPSI-TT-MW313S-2018020","Modified EPA 537","Initial","1803120-17","Vista","2355-31-
9","MeFOSAA","5.43","ng/L","UU","2.97","LOD","","TRG","","","8.67","LOQ","YES","-99","","0.115","0.001","5.4
3",""
"BPSI-TT-MW313S-2018020","Modified EPA 537","Initial","1803120-17","Vista","2991-50-
6","EtFOSAA","5.43","ng/L","UU","2.97","LOD","","TRG","","","8.67","LOQ","YES","-99","","0.115","0.001","5.43
",""
,""

"BPSI-TT-MW313S-2018020","Modified EPA 537","Initial","1803120-17","Vista","2058-94-8","PFUnA","5.43","ng/L","UU","2.97","LOD","","TRG","","","8.67","LOQ","YES","-99","","0.115","0.001","5.43","
"
"BPSI-TT-MW313S-2018020","Modified EPA 537","Initial","1803120-17","Vista","335-77-3","PFDS","5.43","ng/L","UU","2.97","LOD","","TRG","","","8.67","LOQ","YES","-99","","0.115","0.001","5.43",""
"BPSI-TT-MW313S-2018020","Modified EPA 537","Initial","1803120-17","Vista","307-55-1","PFDoA","5.43","ng/L","UU","2.97","LOD","","TRG","","","8.67","LOQ","YES","-99","","0.115","0.001","5.43","
"
"BPSI-TT-MW313S-2018020","Modified EPA 537","Initial","1803120-17","Vista","72629-94-8","PFTrDA","5.43","ng/L","UU","2.97","LOD","","TRG","","","8.67","LOQ","YES","-99","","0.115","0.001","5.43",
""
"BPSI-TT-MW313S-2018020","Modified EPA 537","Initial","1803120-17","Vista","376-06-7","PFTeDA","5.43","ng/L","UU","2.97","LOD","","TRG","","","8.67","LOQ","YES","-99","","0.115","0.001","5.43",
""
"BPSI-TT-MW313S-2018020","Modified EPA 537","Initial","1803120-17","Vista","13C3-PFBA","13C3-PFBA","94.5","%R","","-99","NA","","IS","94.5","","-99","NA","YES","100","","0.115","0.001","-99",""
"BPSI-TT-MW313S-2018020","Modified EPA 537","Initial","1803120-17","Vista","13C3-PFPeA","13C3-PFPeA","85.7","%R","","-99","NA","","IS","85.7","","-99","NA","YES","100","","0.115","0.001","-99",""
"BPSI-TT-MW313S-2018020","Modified EPA 537","Initial","1803120-17","Vista","13C3-PFBS","13C3-PFBS","89.8","%R","","-99","NA","","IS","89.8","","-99","NA","YES","100","","0.115","0.001","-99",""
"BPSI-TT-MW313S-2018020","Modified EPA 537","Initial","1803120-17","Vista","13C2-PFHxA","13C2-PFHxA","92.7","%R","","-99","NA","","IS","92.7","","-99","NA","YES","100","","0.115","0.001","-99",""
"BPSI-TT-MW313S-2018020","Modified EPA 537","Initial","1803120-17","Vista","13C4-PFHpA","13C4-PFHpA","102","%R","","-99","NA","","IS","102","","-99","NA","YES","100","","0.115","0.001","-99",""
"BPSI-TT-MW313S-2018020","Modified EPA 537","Initial","1803120-17","Vista","18O2-PFHxS","18O2-PFHxS","84.2","%R","","-99","NA","","IS","84.2","","-99","NA","YES","100","","0.115","0.001","-99",""
"BPSI-TT-MW313S-2018020","Modified EPA 537","Initial","1803120-17","Vista","13C2-6:2 FTS","13C2-6:2 FTS","82.3","%R","","-99","NA","","IS","82.3","","-99","NA","YES","100","","0.115","0.001","-99",""
"BPSI-TT-MW313S-2018020","Modified EPA 537","Initial","1803120-17","Vista","13C2-PFOA","13C2-PFOA","91.5","%R","","-99","NA","","IS","91.5","","-99","NA","YES","100","","0.115","0.001","-99",""
"BPSI-TT-MW313S-2018020","Modified EPA 537","Initial","1803120-17","Vista","13C5-PFNA","13C5-PFNA","79.7","%R","","-99","NA","","IS","79.7","","-99","NA","YES","100","","0.115","0.001","-99",""
"BPSI-TT-MW313S-2018020","Modified EPA 537","Initial","1803120-17","Vista","13C8-PFOSA","13C8-PFOSA","11.9","%R","H","-99","NA","","IS","11.9","","-99","NA","YES","100","","0.115","0.001","-99",""
"BPSI-TT-MW313S-2018020","Modified EPA 537","Initial","1803120-17","Vista","13C8-PFOS","13C8-PFOS","89.2","%R","","-99","NA","","IS","89.2","","-99","NA","YES","100","","0.115","0.001","-99",""
"BPSI-TT-MW313S-2018020","Modified EPA 537","Initial","1803120-17","Vista","13C2-PFDA","13C2-PFDA","68.4","%R","","-99","NA","","IS","68.4","","-99","NA","YES","100","","0.115","0.001","-99",""
"BPSI-TT-MW313S-2018020","Modified EPA 537","Initial","1803120-17","Vista","13C2-8:2 FTS","13C2-8:2 FTS","92.7","%R","","-99","NA","","IS","92.7","","-99","NA","YES","100","","0.115","0.001","-99",""
"BPSI-TT-MW313S-2018020","Modified EPA 537","Initial","1803120-17","Vista","d3-MeFOSAA","d3-MeFOSAA","61.2","%R","","-99","NA","","IS","61.2","","-99","NA","YES","100","","0.115","0.001","-99",""
"BPSI-TT-MW313S-2018020","Modified EPA 537","Initial","1803120-17","Vista","d5-EtFOSAA","d5-EtFOSAA","67.2","%R","","-99","NA","","IS","67.2","","-99","NA","YES","100","","0.115","0.001","-99",""
"BPSI-TT-MW313S-2018020","Modified EPA 537","Initial","1803120-17","Vista","13C2-PFUnA","13C2-PFUnA","77.3","%R","","-99","NA","","IS","77.3","","-99","NA","YES","100","","0.115","0.001","-99",""
"BPSI-TT-MW313S-2018020","Modified EPA 537","Initial","1803120-17","Vista","13C2-PFDoA","13C2-PFDoA","84.8","%R","","-99","NA","","IS","84.8","","-99","NA","YES","100","","0.115","0.001","-99",""
"BPSI-TT-MW313S-2018020","Modified EPA 537","Initial","1803120-17","Vista","13C2-PFTeDA","13C2-PFTeDA","105","%R","","-99","NA","","IS","105","","-99","NA","YES","100","","0.115","0.001","-99",""
"BB-TT-DUP06-20180920","Modified EPA 537","Initial","1803120-18","Vista","375-22-4","PFBA","17.5","ng/L","","2.87","LOD","","TRG","","","8.37","LOQ","YES","-99","","0.119","0.001","5.25",""
"BB-TT-DUP06-20180920","Modified EPA 537","Initial","1803120-18","Vista","2706-90-3","PFPeA","44.5","ng/L","","2.87","LOD","","TRG","","","8.37","LOQ","YES","-99","","0.119","0.001","5.25",""

"BB-TT-DUP06-20180920","Modified EPA 537","Initial","1803120-18","Vista","375-73-5","PFBS","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.37","LOQ","YES","-99","","0.119","0.001","5.25",""
"BB-TT-DUP06-20180920","Modified EPA 537","Initial","1803120-18","Vista","307-24-4","PFHxA","27.7","ng/L","","2.87","LOD","","TRG","","","8.37","LOQ","YES","-99","","0.119","0.001","5.25",""
"BB-TT-DUP06-20180920","Modified EPA 537","Initial","1803120-18","Vista","375-85-9","PFHpA","18.5","ng/L","","2.87","LOD","","TRG","","","8.37","LOQ","YES","-99","","0.119","0.001","5.25",""
"BB-TT-DUP06-20180920","Modified EPA 537","Initial","1803120-18","Vista","355-46-4","PFHxS","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.37","LOQ","YES","-99","","0.119","0.001","5.25",""
"BB-TT-DUP06-20180920","Modified EPA 537","Initial","1803120-18","Vista","27619-97-2","6:2 FTS","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.37","LOQ","YES","-99","","0.119","0.001","5.25",""
"BB-TT-DUP06-20180920","Modified EPA 537","Initial","1803120-18","Vista","335-67-1","PFOA","7.40","ng/L","J","2.87","LOD","","TRG","","","8.37","LOQ","YES","-99","","0.119","0.001","5.25",""
"BB-TT-DUP06-20180920","Modified EPA 537","Initial","1803120-18","Vista","375-92-8","PFHpS","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.37","LOQ","YES","-99","","0.119","0.001","5.25",""
"BB-TT-DUP06-20180920","Modified EPA 537","Initial","1803120-18","Vista","375-95-1","PFNA","3.75","ng/L","J","2.87","LOD","","TRG","","","8.37","LOQ","YES","-99","","0.119","0.001","5.25",""
"BB-TT-DUP06-20180920","Modified EPA 537","Initial","1803120-18","Vista","754-91-6","PFOSA","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.37","LOQ","YES","-99","","0.119","0.001","5.25","
"
"BB-TT-DUP06-20180920","Modified EPA 537","Initial","1803120-18","Vista","1763-23-1","PFOS","6.27","ng/L","J","2.87","LOD","","TRG","","","8.37","LOQ","YES","-99","","0.119","0.001","5.25",""
"BB-TT-DUP06-20180920","Modified EPA 537","Initial","1803120-18","Vista","335-76-2","PFDA","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.37","LOQ","YES","-99","","0.119","0.001","5.25",""
"BB-TT-DUP06-20180920","Modified EPA 537","Initial","1803120-18","Vista","39108-34-4","8:2 FTS","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.37","LOQ","YES","-99","","0.119","0.001","5.25",""
"BB-TT-DUP06-20180920","Modified EPA 537","Initial","1803120-18","Vista","2355-31-9","MeFOSAA","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.37","LOQ","YES","-99","","0.119","0.001","5.25",""
"BB-TT-DUP06-20180920","Modified EPA 537","Initial","1803120-18","Vista","2991-50-6","EtFOSAA","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.37","LOQ","YES","-99","","0.119","0.001","5.25","","
"BB-TT-DUP06-20180920","Modified EPA 537","Initial","1803120-18","Vista","2058-94-8","PFUnA","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.37","LOQ","YES","-99","","0.119","0.001","5.25","
"
"BB-TT-DUP06-20180920","Modified EPA 537","Initial","1803120-18","Vista","335-77-3","PFDS","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.37","LOQ","YES","-99","","0.119","0.001","5.25",""
"BB-TT-DUP06-20180920","Modified EPA 537","Initial","1803120-18","Vista","307-55-1","PFDoA","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.37","LOQ","YES","-99","","0.119","0.001","5.25","
"
"BB-TT-DUP06-20180920","Modified EPA 537","Initial","1803120-18","Vista","72629-94-8","PFTrDA","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.37","LOQ","YES","-99","","0.119","0.001","5.25","
"
"BB-TT-DUP06-20180920","Modified EPA 537","Initial","1803120-18","Vista","376-06-7","PFTeDA","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.37","LOQ","YES","-99","","0.119","0.001","5.25","
"
"BB-TT-DUP06-20180920","Modified EPA 537","Initial","1803120-18","Vista","13C3-PFBA","13C3-PFBA","95.5","%R","","-99","NA","","IS","95.5","","-99","NA","YES","100","","0.119","0.001","-99",""
"BB-TT-DUP06-20180920","Modified EPA 537","Initial","1803120-18","Vista","13C3-PFPeA","13C3-PFPeA","84.1","%R","","-99","NA","","IS","84.1","","-99","NA","YES","100","","0.119","0.001","-99",""
"BB-TT-DUP06-20180920","Modified EPA 537","Initial","1803120-18","Vista","13C3-PFBS","13C3-PFBS","92.8","%R","","-99","NA","","IS","92.8","","-99","NA","YES","100","","0.119","0.001","-99",""
"BB-TT-DUP06-20180920","Modified EPA 537","Initial","1803120-18","Vista","13C2-PFHxA","13C2-PFHxA","92.3","%R","","-99","NA","","IS","92.3","","-99","NA","YES","100","","0.119","0.001","-99",""
"BB-TT-DUP06-20180920","Modified EPA 537","Initial","1803120-18","Vista","13C4-PFHpA","13C4-

PFHpA","103","%R","","-99","NA","","IS","103","","-99","NA","YES","100","","0.119","0.001","-99",""
"BB-TT-DUP06-20180920","Modified EPA 537","Initial","1803120-18","Vista","18O2-PFHxS","18O2-
PFHxS","85.5","%R","","-99","NA","","IS","85.5","","-99","NA","YES","100","","0.119","0.001","-99",""
"BB-TT-DUP06-20180920","Modified EPA 537","Initial","1803120-18","Vista","13C2-6:2 FTS","13C2-6:2
FTS","65.9","%R","","-99","NA","","IS","65.9","","-99","NA","YES","100","","0.119","0.001","-99",""
"BB-TT-DUP06-20180920","Modified EPA 537","Initial","1803120-18","Vista","13C2-PFOA","13C2-
PFOA","93.0","%R","","-99","NA","","IS","93.0","","-99","NA","YES","100","","0.119","0.001","-99",""
"BB-TT-DUP06-20180920","Modified EPA 537","Initial","1803120-18","Vista","13C5-PFNA","13C5-
PFNA","78.3","%R","","-99","NA","","IS","78.3","","-99","NA","YES","100","","0.119","0.001","-99",""
"BB-TT-DUP06-20180920","Modified EPA 537","Initial","1803120-18","Vista","13C8-PFOSA","13C8-
PFOSA","10.3","%R","H","-99","NA","","IS","10.3","","-99","NA","YES","100","","0.119","0.001","-99",""
"BB-TT-DUP06-20180920","Modified EPA 537","Initial","1803120-18","Vista","13C8-PFOS","13C8-
PFOS","92.7","%R","","-99","NA","","IS","92.7","","-99","NA","YES","100","","0.119","0.001","-99",""
"BB-TT-DUP06-20180920","Modified EPA 537","Initial","1803120-18","Vista","13C2-PFDA","13C2-
PFDA","63.2","%R","","-99","NA","","IS","63.2","","-99","NA","YES","100","","0.119","0.001","-99",""
"BB-TT-DUP06-20180920","Modified EPA 537","Initial","1803120-18","Vista","13C2-8:2 FTS","13C2-8:2
FTS","73.6","%R","","-99","NA","","IS","73.6","","-99","NA","YES","100","","0.119","0.001","-99",""
"BB-TT-DUP06-20180920","Modified EPA 537","Initial","1803120-18","Vista","d3-MeFOSAA","d3-
MeFOSAA","53.2","%R","","-99","NA","","IS","53.2","","-99","NA","YES","100","","0.119","0.001","-99",""
"BB-TT-DUP06-20180920","Modified EPA 537","Initial","1803120-18","Vista","d5-EtFOSAA","d5-
EtFOSAA","56.4","%R","","-99","NA","","IS","56.4","","-99","NA","YES","100","","0.119","0.001","-99",""
"BB-TT-DUP06-20180920","Modified EPA 537","Initial","1803120-18","Vista","13C2-PFUnA","13C2-
PFUnA","72.1","%R","","-99","NA","","IS","72.1","","-99","NA","YES","100","","0.119","0.001","-99",""
"BB-TT-DUP06-20180920","Modified EPA 537","Initial","1803120-18","Vista","13C2-PFDoA","13C2-
PFDoA","80.4","%R","","-99","NA","","IS","80.4","","-99","NA","YES","100","","0.119","0.001","-99",""
"BB-TT-DUP06-20180920","Modified EPA 537","Initial","1803120-18","Vista","13C2-PFTeDA","13C2-
PFTeDA","105","%R","","-99","NA","","IS","105","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPSI-TT-MW307D-2018020","Modified EPA 537","Initial","1803120-19","Vista","375-22-
4","PFBA","4.06","ng/L","J","2.87","LOD","","TRG","","","8.39","LOQ","YES","-99","","0.119","0.001","5.25",""
"BPSI-TT-MW307D-2018020","Modified EPA 537","Initial","1803120-19","Vista","2706-90-
3","PFPeA","9.74","ng/L","","2.87","LOD","","TRG","","","8.39","LOQ","YES","-99","","0.119","0.001","5.25",""
"BPSI-TT-MW307D-2018020","Modified EPA 537","Initial","1803120-19","Vista","375-73-
5","PFBS","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.39","LOQ","YES","-99","","0.119","0.001","5.25",""
"BPSI-TT-MW307D-2018020","Modified EPA 537","Initial","1803120-19","Vista","307-24-
4","PFHxA","6.36","ng/L","J","2.87","LOD","","TRG","","","8.39","LOQ","YES","-99","","0.119","0.001","5.25",""
"BPSI-TT-MW307D-2018020","Modified EPA 537","Initial","1803120-19","Vista","375-85-
9","PFHpA","5.09","ng/L","J,
Q","2.87","LOD","","TRG","","","8.39","LOQ","YES","-99","","0.119","0.001","5.25",""
"BPSI-TT-MW307D-2018020","Modified EPA 537","Initial","1803120-19","Vista","355-46-
4","PFHxS","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.39","LOQ","YES","-99","","0.119","0.001","5.25",""
"BPSI-TT-MW307D-2018020","Modified EPA 537","Initial","1803120-19","Vista","27619-97-2","6:2
FTS","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.39","LOQ","YES","-99","","0.119","0.001","5.25",""
"BPSI-TT-MW307D-2018020","Modified EPA 537","Initial","1803120-19","Vista","335-67-
1","PFOA","8.89","ng/L","","2.87","LOD","","TRG","","","8.39","LOQ","YES","-99","","0.119","0.001","5.25",""
"BPSI-TT-MW307D-2018020","Modified EPA 537","Initial","1803120-19","Vista","375-92-
8","PFHpS","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.39","LOQ","YES","-99","","0.119","0.001","5.25",""
"BPSI-TT-MW307D-2018020","Modified EPA 537","Initial","1803120-19","Vista","375-95-
1","PFNA","3.33","ng/L","J","2.87","LOD","","TRG","","","8.39","LOQ","YES","-99","","0.119","0.001","5.25",""
"BPSI-TT-MW307D-2018020","Modified EPA 537","Initial","1803120-19","Vista","754-91-
6","PFOSA","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.39","LOQ","YES","-99","","0.119","0.001","5.25","
"
"BPSI-TT-MW307D-2018020","Modified EPA 537","Initial","1803120-19","Vista","1763-23-
1","PFOS","7.15","ng/L","J, Q","2.87","LOD","","TRG","","","8.39","LOQ","YES","-99","","0.119","0.001","5.25",""
"BPSI-TT-MW307D-2018020","Modified EPA 537","Initial","1803120-19","Vista","335-76-

2","PFDA","3.09","ng/L","J","2.87","LOD","","TRG","","","8.39","LOQ","YES","-99","","0.119","0.001","5.25",""
"BPSI-TT-MW307D-2018020","Modified EPA 537","Initial","1803120-19","Vista","39108-34-4","8:2
FTS","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.39","LOQ","YES","-99","","0.119","0.001","5.25",""
"BPSI-TT-MW307D-2018020","Modified EPA 537","Initial","1803120-19","Vista","2355-31-
9","MeFOSAA","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.39","LOQ","YES","-99","","0.119","0.001","5.2
5",""
"BPSI-TT-MW307D-2018020","Modified EPA 537","Initial","1803120-19","Vista","2991-50-
6","EtFOSAA","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.39","LOQ","YES","-99","","0.119","0.001","5.25
",""
,"
"BPSI-TT-MW307D-2018020","Modified EPA 537","Initial","1803120-19","Vista","2058-94-
8","PFUnA","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.39","LOQ","YES","-99","","0.119","0.001","5.25","
"
"BPSI-TT-MW307D-2018020","Modified EPA 537","Initial","1803120-19","Vista","335-77-
3","PFDS","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.39","LOQ","YES","-99","","0.119","0.001","5.25",""
"BPSI-TT-MW307D-2018020","Modified EPA 537","Initial","1803120-19","Vista","307-55-
1","PFDoA","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.39","LOQ","YES","-99","","0.119","0.001","5.25","
"
"BPSI-TT-MW307D-2018020","Modified EPA 537","Initial","1803120-19","Vista","72629-94-
8","PFTrDA","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.39","LOQ","YES","-99","","0.119","0.001","5.25",
""
"BPSI-TT-MW307D-2018020","Modified EPA 537","Initial","1803120-19","Vista","376-06-
7","PFTeDA","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.39","LOQ","YES","-99","","0.119","0.001","5.25",
""
"BPSI-TT-MW307D-2018020","Modified EPA 537","Initial","1803120-19","Vista","13C3-PFBA","13C3-
PFBA","98.2","%R","","-99","NA","","IS","98.2","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPSI-TT-MW307D-2018020","Modified EPA 537","Initial","1803120-19","Vista","13C3-PFPeA","13C3-
PFPeA","90.9","%R","","-99","NA","","IS","90.9","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPSI-TT-MW307D-2018020","Modified EPA 537","Initial","1803120-19","Vista","13C3-PFBS","13C3-
PFBS","92.1","%R","","-99","NA","","IS","92.1","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPSI-TT-MW307D-2018020","Modified EPA 537","Initial","1803120-19","Vista","13C2-PFHxA","13C2-
PFHxA","97.3","%R","","-99","NA","","IS","97.3","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPSI-TT-MW307D-2018020","Modified EPA 537","Initial","1803120-19","Vista","13C4-PFHpA","13C4-
PFHpA","104","%R","","-99","NA","","IS","104","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPSI-TT-MW307D-2018020","Modified EPA 537","Initial","1803120-19","Vista","18O2-PFHxS","18O2-
PFHxS","85.8","%R","","-99","NA","","IS","85.8","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPSI-TT-MW307D-2018020","Modified EPA 537","Initial","1803120-19","Vista","13C2-6:2 FTS","13C2-6:2
FTS","64.2","%R","","-99","NA","","IS","64.2","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPSI-TT-MW307D-2018020","Modified EPA 537","Initial","1803120-19","Vista","13C2-PFOA","13C2-
PFOA","96.6","%R","","-99","NA","","IS","96.6","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPSI-TT-MW307D-2018020","Modified EPA 537","Initial","1803120-19","Vista","13C5-PFNA","13C5-
PFNA","84.3","%R","","-99","NA","","IS","84.3","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPSI-TT-MW307D-2018020","Modified EPA 537","Initial","1803120-19","Vista","13C8-PFOSA","13C8-
PFOSA","10.2","%R","H","-99","NA","","IS","10.2","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPSI-TT-MW307D-2018020","Modified EPA 537","Initial","1803120-19","Vista","13C8-PFOS","13C8-
PFOS","92.9","%R","","-99","NA","","IS","92.9","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPSI-TT-MW307D-2018020","Modified EPA 537","Initial","1803120-19","Vista","13C2-PFDA","13C2-
PFDA","71.2","%R","","-99","NA","","IS","71.2","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPSI-TT-MW307D-2018020","Modified EPA 537","Initial","1803120-19","Vista","13C2-8:2 FTS","13C2-8:2
FTS","71.4","%R","","-99","NA","","IS","71.4","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPSI-TT-MW307D-2018020","Modified EPA 537","Initial","1803120-19","Vista","d3-MeFOSAA","d3-
MeFOSAA","55.6","%R","","-99","NA","","IS","55.6","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPSI-TT-MW307D-2018020","Modified EPA 537","Initial","1803120-19","Vista","d5-EtFOSAA","d5-
EtFOSAA","59.3","%R","","-99","NA","","IS","59.3","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPSI-TT-MW307D-2018020","Modified EPA 537","Initial","1803120-19","Vista","13C2-PFUnA","13C2-

PFUnA","76.8","%R","","-99","NA","","IS","76.8","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPSI-TT-MW307D-2018020","Modified EPA 537","Initial","1803120-19","Vista","13C2-PFDoA","13C2-
PFDoA","94.0","%R","","-99","NA","","IS","94.0","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPSI-TT-MW307D-2018020","Modified EPA 537","Initial","1803120-19","Vista","13C2-PFTeDA","13C2-
PFTeDA","105","%R","","-99","NA","","IS","105","","-99","NA","YES","100","","0.119","0.001","-99",""
"B8I0206-BLK1","Modified EPA 537","Initial","B8I0206-BLK1","Vista","375-22-
4","PFBA","5.00","ng/L","UU","2.74","LOD","","TRG","","","8.00","LOQ","YES","-99","","0.125","0.001","5.00",""
"B8I0206-BLK1","Modified EPA 537","Initial","B8I0206-BLK1","Vista","2706-90-
3","PFPeA","5.00","ng/L","UU","2.74","LOD","","TRG","","","8.00","LOQ","YES","-99","","0.125","0.001","5.00",""
"B8I0206-BLK1","Modified EPA 537","Initial","B8I0206-BLK1","Vista","375-73-
5","PFBS","5.00","ng/L","UU","2.74","LOD","","TRG","","","8.00","LOQ","YES","-99","","0.125","0.001","5.00",""
"B8I0206-BLK1","Modified EPA 537","Initial","B8I0206-BLK1","Vista","307-24-
4","PFHxA","5.00","ng/L","UU","2.74","LOD","","TRG","","","8.00","LOQ","YES","-99","","0.125","0.001","5.00","
"
"B8I0206-BLK1","Modified EPA 537","Initial","B8I0206-BLK1","Vista","375-85-
9","PFHpA","5.00","ng/L","UU","2.74","LOD","","TRG","","","8.00","LOQ","YES","-99","","0.125","0.001","5.00","
"
"B8I0206-BLK1","Modified EPA 537","Initial","B8I0206-BLK1","Vista","355-46-
4","PFHxS","5.00","ng/L","UU","2.74","LOD","","TRG","","","8.00","LOQ","YES","-99","","0.125","0.001","5.00",""
"B8I0206-BLK1","Modified EPA 537","Initial","B8I0206-BLK1","Vista","27619-97-2","6:2
FTS","5.00","ng/L","UU","2.74","LOD","","TRG","","","8.00","LOQ","YES","-99","","0.125","0.001","5.00",""
"B8I0206-BLK1","Modified EPA 537","Initial","B8I0206-BLK1","Vista","335-67-
1","PFOA","5.00","ng/L","UU","2.74","LOD","","TRG","","","8.00","LOQ","YES","-99","","0.125","0.001","5.00",""
"B8I0206-BLK1","Modified EPA 537","Initial","B8I0206-BLK1","Vista","375-92-
8","PFHpS","5.00","ng/L","UU","2.74","LOD","","TRG","","","8.00","LOQ","YES","-99","","0.125","0.001","5.00",""
"B8I0206-BLK1","Modified EPA 537","Initial","B8I0206-BLK1","Vista","375-95-
1","PFNA","5.00","ng/L","UU","2.74","LOD","","TRG","","","8.00","LOQ","YES","-99","","0.125","0.001","5.00",""
"B8I0206-BLK1","Modified EPA 537","Initial","B8I0206-BLK1","Vista","754-91-
6","PFOSA","5.00","ng/L","UU","2.74","LOD","","TRG","","","8.00","LOQ","YES","-99","","0.125","0.001","5.00","
"
"B8I0206-BLK1","Modified EPA 537","Initial","B8I0206-BLK1","Vista","1763-23-
1","PFOS","5.00","ng/L","UU","2.74","LOD","","TRG","","","8.00","LOQ","YES","-99","","0.125","0.001","5.00",""
"B8I0206-BLK1","Modified EPA 537","Initial","B8I0206-BLK1","Vista","335-76-
2","PFDA","5.00","ng/L","UU","2.74","LOD","","TRG","","","8.00","LOQ","YES","-99","","0.125","0.001","5.00",""
"B8I0206-BLK1","Modified EPA 537","Initial","B8I0206-BLK1","Vista","39108-34-4","8:2
FTS","5.00","ng/L","UU","2.74","LOD","","TRG","","","8.00","LOQ","YES","-99","","0.125","0.001","5.00",""
"B8I0206-BLK1","Modified EPA 537","Initial","B8I0206-BLK1","Vista","2355-31-
9","MeFOSAA","5.00","ng/L","UU","2.74","LOD","","TRG","","","8.00","LOQ","YES","-99","","0.125","0.001","5.0
0",""
"B8I0206-BLK1","Modified EPA 537","Initial","B8I0206-BLK1","Vista","2991-50-
6","EtFOSAA","5.00","ng/L","UU","2.74","LOD","","TRG","","","8.00","LOQ","YES","-99","","0.125","0.001","5.00
",""
"B8I0206-BLK1","Modified EPA 537","Initial","B8I0206-BLK1","Vista","2058-94-
8","PFUnA","5.00","ng/L","UU","2.74","LOD","","TRG","","","8.00","LOQ","YES","-99","","0.125","0.001","5.00","
"
"B8I0206-BLK1","Modified EPA 537","Initial","B8I0206-BLK1","Vista","335-77-
3","PFDS","5.00","ng/L","UU","2.74","LOD","","TRG","","","8.00","LOQ","YES","-99","","0.125","0.001","5.00",""
"B8I0206-BLK1","Modified EPA 537","Initial","B8I0206-BLK1","Vista","307-55-
1","PFDoA","5.00","ng/L","UU","2.74","LOD","","TRG","","","8.00","LOQ","YES","-99","","0.125","0.001","5.00","
"
"B8I0206-BLK1","Modified EPA 537","Initial","B8I0206-BLK1","Vista","72629-94-
8","PFTrDA","5.00","ng/L","UU","2.74","LOD","","TRG","","","8.00","LOQ","YES","-99","","0.125","0.001","5.00",
""
"B8I0206-BLK1","Modified EPA 537","Initial","B8I0206-BLK1","Vista","376-06-

7","PFTeDA","5.00","ng/L","UU","2.74","LOD","","TRG","","","8.00","LOQ","YES","-99","","0.125","0.001","5.00",
""
"B8I0206-BLK1","Modified EPA 537","Initial","B8I0206-BLK1","Vista","13C3-PFBA","13C3-
PFBA","96.9","%R","","-99","NA","","IS","96.9","","-99","NA","YES","100","","0.125","0.001","-99",""
"B8I0206-BLK1","Modified EPA 537","Initial","B8I0206-BLK1","Vista","13C3-PFPeA","13C3-
PFPeA","90.1","%R","","-99","NA","","IS","90.1","","-99","NA","YES","100","","0.125","0.001","-99",""
"B8I0206-BLK1","Modified EPA 537","Initial","B8I0206-BLK1","Vista","13C3-PFBS","13C3-
PFBS","86.1","%R","","-99","NA","","IS","86.1","","-99","NA","YES","100","","0.125","0.001","-99",""
"B8I0206-BLK1","Modified EPA 537","Initial","B8I0206-BLK1","Vista","13C2-PFHxA","13C2-
PFHxA","93.9","%R","","-99","NA","","IS","93.9","","-99","NA","YES","100","","0.125","0.001","-99",""
"B8I0206-BLK1","Modified EPA 537","Initial","B8I0206-BLK1","Vista","13C4-PFHpA","13C4-
PFHpA","96.5","%R","","-99","NA","","IS","96.5","","-99","NA","YES","100","","0.125","0.001","-99",""
"B8I0206-BLK1","Modified EPA 537","Initial","B8I0206-BLK1","Vista","18O2-PFHxS","18O2-
PFHxS","103","%R","","-99","NA","","IS","103","","-99","NA","YES","100","","0.125","0.001","-99",""
"B8I0206-BLK1","Modified EPA 537","Initial","B8I0206-BLK1","Vista","13C2-6:2 FTS","13C2-6:2
FTS","85.6","%R","","-99","NA","","IS","85.6","","-99","NA","YES","100","","0.125","0.001","-99",""
"B8I0206-BLK1","Modified EPA 537","Initial","B8I0206-BLK1","Vista","13C2-PFOA","13C2-
PFOA","92.7","%R","","-99","NA","","IS","92.7","","-99","NA","YES","100","","0.125","0.001","-99",""
"B8I0206-BLK1","Modified EPA 537","Initial","B8I0206-BLK1","Vista","13C5-PFNA","13C5-
PFNA","87.1","%R","","-99","NA","","IS","87.1","","-99","NA","YES","100","","0.125","0.001","-99",""
"B8I0206-BLK1","Modified EPA 537","Initial","B8I0206-BLK1","Vista","13C8-PFOSA","13C8-
PFOSA","9.30","%R","H","-99","NA","","IS","9.30","","-99","NA","YES","100","","0.125","0.001","-99",""
"B8I0206-BLK1","Modified EPA 537","Initial","B8I0206-BLK1","Vista","13C8-PFOS","13C8-
PFOS","85.2","%R","","-99","NA","","IS","85.2","","-99","NA","YES","100","","0.125","0.001","-99",""
"B8I0206-BLK1","Modified EPA 537","Initial","B8I0206-BLK1","Vista","13C2-PFDA","13C2-
PFDA","72.4","%R","","-99","NA","","IS","72.4","","-99","NA","YES","100","","0.125","0.001","-99",""
"B8I0206-BLK1","Modified EPA 537","Initial","B8I0206-BLK1","Vista","13C2-8:2 FTS","13C2-8:2
FTS","81.6","%R","","-99","NA","","IS","81.6","","-99","NA","YES","100","","0.125","0.001","-99",""
"B8I0206-BLK1","Modified EPA 537","Initial","B8I0206-BLK1","Vista","d3-MeFOSAA","d3-
MeFOSAA","69.2","%R","","-99","NA","","IS","69.2","","-99","NA","YES","100","","0.125","0.001","-99",""
"B8I0206-BLK1","Modified EPA 537","Initial","B8I0206-BLK1","Vista","d5-EtFOSAA","d5-
EtFOSAA","72.3","%R","","-99","NA","","IS","72.3","","-99","NA","YES","100","","0.125","0.001","-99",""
"B8I0206-BLK1","Modified EPA 537","Initial","B8I0206-BLK1","Vista","13C2-PFUnA","13C2-
PFUnA","68.8","%R","","-99","NA","","IS","68.8","","-99","NA","YES","100","","0.125","0.001","-99",""
"B8I0206-BLK1","Modified EPA 537","Initial","B8I0206-BLK1","Vista","13C2-PFDoA","13C2-
PFDoA","79.6","%R","","-99","NA","","IS","79.6","","-99","NA","YES","100","","0.125","0.001","-99",""
"B8I0206-BLK1","Modified EPA 537","Initial","B8I0206-BLK1","Vista","13C2-PFTeDA","13C2-
PFTeDA","82.9","%R","","-99","NA","","IS","82.9","","-99","NA","YES","100","","0.125","0.001","-99",""
"B8I0206-BS1","Modified EPA 537","Initial","B8I0206-BS1","Vista","375-22-
4","PFBA","69.4","ng/L","","2.74","LOD","","TRG","86.7","","8.00","LOQ","YES","80.0","","0.125","0.001","5.00","
"
"B8I0206-BS1","Modified EPA 537","Initial","B8I0206-BS1","Vista","2706-90-
3","PFPeA","72.6","ng/L","","2.74","LOD","","TRG","90.8","","8.00","LOQ","YES","80.0","","0.125","0.001","5.00",
""
"B8I0206-BS1","Modified EPA 537","Initial","B8I0206-BS1","Vista","375-73-
5","PFBS","75.5","ng/L","","2.74","LOD","","TRG","94.4","","8.00","LOQ","YES","80.0","","0.125","0.001","5.00","
"
"B8I0206-BS1","Modified EPA 537","Initial","B8I0206-BS1","Vista","307-24-
4","PFHxA","73.3","ng/L","","2.74","LOD","","TRG","91.6","","8.00","LOQ","YES","80.0","","0.125","0.001","5.00",
""
"B8I0206-BS1","Modified EPA 537","Initial","B8I0206-BS1","Vista","375-85-
9","PFHpA","72.9","ng/L","","2.74","LOD","","TRG","91.1","","8.00","LOQ","YES","80.0","","0.125","0.001","5.00",
""
"B8I0206-BS1","Modified EPA 537","Initial","B8I0206-BS1","Vista","355-46-

4","PFHxS","75.9","ng/L","Q","2.74","LOD","","TRG","94.9","","8.00","LOQ","YES","80.0","","0.125","0.001","5.00
","",""
"B8I0206-BS1","Modified EPA 537","Initial","B8I0206-BS1","Vista","27619-97-2","6:2
FTS","74.2","ng/L","","2.74","LOD","","TRG","92.8","","8.00","LOQ","YES","80.0","","0.125","0.001","5.00","",""
"B8I0206-BS1","Modified EPA 537","Initial","B8I0206-BS1","Vista","335-67-
1","PFOA","74.0","ng/L","","2.74","LOD","","TRG","92.5","","8.00","LOQ","YES","80.0","","0.125","0.001","5.00","
"
"B8I0206-BS1","Modified EPA 537","Initial","B8I0206-BS1","Vista","375-92-
8","PFHpS","79.2","ng/L","","2.74","LOD","","TRG","99.0","","8.00","LOQ","YES","80.0","","0.125","0.001","5.00",
""
"B8I0206-BS1","Modified EPA 537","Initial","B8I0206-BS1","Vista","375-95-
1","PFNA","74.9","ng/L","","2.74","LOD","","TRG","93.7","","8.00","LOQ","YES","80.0","","0.125","0.001","5.00","
"
"B8I0206-BS1","Modified EPA 537","Initial","B8I0206-BS1","Vista","754-91-
6","PFOSA","72.1","ng/L","Q","2.74","LOD","","TRG","90.1","","8.00","LOQ","YES","80.0","","0.125","0.001","5.0
0",""
"B8I0206-BS1","Modified EPA 537","Initial","B8I0206-BS1","Vista","1763-23-
1","PFOS","76.1","ng/L","","2.74","LOD","","TRG","95.2","","8.00","LOQ","YES","80.0","","0.125","0.001","5.00","
"
"B8I0206-BS1","Modified EPA 537","Initial","B8I0206-BS1","Vista","335-76-
2","PFDA","78.8","ng/L","","2.74","LOD","","TRG","98.5","","8.00","LOQ","YES","80.0","","0.125","0.001","5.00","
"
"B8I0206-BS1","Modified EPA 537","Initial","B8I0206-BS1","Vista","39108-34-4","8:2
FTS","73.0","ng/L","","2.74","LOD","","TRG","91.2","","8.00","LOQ","YES","80.0","","0.125","0.001","5.00","",""
"B8I0206-BS1","Modified EPA 537","Initial","B8I0206-BS1","Vista","2355-31-
9","MeFOSAA","75.6","ng/L","","2.74","LOD","","TRG","94.5","","8.00","LOQ","YES","80.0","","0.125","0.001","5.
00",""
"B8I0206-BS1","Modified EPA 537","Initial","B8I0206-BS1","Vista","2991-50-
6","EtFOSAA","81.6","ng/L","","2.74","LOD","","TRG","102","","8.00","LOQ","YES","80.0","","0.125","0.001","5.0
0",""
"B8I0206-BS1","Modified EPA 537","Initial","B8I0206-BS1","Vista","2058-94-
8","PFUnA","72.9","ng/L","","2.74","LOD","","TRG","91.1","","8.00","LOQ","YES","80.0","","0.125","0.001","5.00",
""
"B8I0206-BS1","Modified EPA 537","Initial","B8I0206-BS1","Vista","335-77-
3","PFDS","75.6","ng/L","","2.74","LOD","","TRG","94.5","","8.00","LOQ","YES","80.0","","0.125","0.001","5.00","
"
"B8I0206-BS1","Modified EPA 537","Initial","B8I0206-BS1","Vista","307-55-
1","PFDoA","70.2","ng/L","","2.74","LOD","","TRG","87.7","","8.00","LOQ","YES","80.0","","0.125","0.001","5.00",
""
"B8I0206-BS1","Modified EPA 537","Initial","B8I0206-BS1","Vista","72629-94-
8","PFTrDA","79.5","ng/L","","2.74","LOD","","TRG","99.3","","8.00","LOQ","YES","80.0","","0.125","0.001","5.00
","",""
"B8I0206-BS1","Modified EPA 537","Initial","B8I0206-BS1","Vista","376-06-
7","PFTeDA","67.9","ng/L","","2.74","LOD","","TRG","84.8","","8.00","LOQ","YES","80.0","","0.125","0.001","5.00
","",""
"B8I0206-BS1","Modified EPA 537","Initial","B8I0206-BS1","Vista","13C3-PFBA","13C3-
PFBA","98.5","%R","","-99","NA","","IS","98.5","","-99","NA","YES","100","","0.125","0.001","-99",""
"B8I0206-BS1","Modified EPA 537","Initial","B8I0206-BS1","Vista","13C3-PFPeA","13C3-
PFPeA","89.3","%R","","-99","NA","","IS","89.3","","-99","NA","YES","100","","0.125","0.001","-99",""
"B8I0206-BS1","Modified EPA 537","Initial","B8I0206-BS1","Vista","13C3-PFBS","13C3-
PFBS","89.0","%R","","-99","NA","","IS","89.0","","-99","NA","YES","100","","0.125","0.001","-99",""
"B8I0206-BS1","Modified EPA 537","Initial","B8I0206-BS1","Vista","13C2-PFHxA","13C2-
PFHxA","93.8","%R","","-99","NA","","IS","93.8","","-99","NA","YES","100","","0.125","0.001","-99",""
"B8I0206-BS1","Modified EPA 537","Initial","B8I0206-BS1","Vista","13C4-PFHpA","13C4-

PFHpA","107","%R","","-99","NA","","IS","107","","-99","NA","YES","100","","0.125","0.001","-99",""
"B8I0206-BS1","Modified EPA 537","Initial","B8I0206-BS1","Vista","18O2-PFHxS","18O2-
PFHxS","106","%R","","-99","NA","","IS","106","","-99","NA","YES","100","","0.125","0.001","-99",""
"B8I0206-BS1","Modified EPA 537","Initial","B8I0206-BS1","Vista","13C2-6:2 FTS","13C2-6:2
FTS","94.6","%R","","-99","NA","","IS","94.6","","-99","NA","YES","100","","0.125","0.001","-99",""
"B8I0206-BS1","Modified EPA 537","Initial","B8I0206-BS1","Vista","13C2-PFOA","13C2-
PFOA","98.4","%R","","-99","NA","","IS","98.4","","-99","NA","YES","100","","0.125","0.001","-99",""
"B8I0206-BS1","Modified EPA 537","Initial","B8I0206-BS1","Vista","13C5-PFNA","13C5-
PFNA","83.2","%R","","-99","NA","","IS","83.2","","-99","NA","YES","100","","0.125","0.001","-99",""
"B8I0206-BS1","Modified EPA 537","Initial","B8I0206-BS1","Vista","13C8-PFOSA","13C8-
PFOSA","17.6","%R","H","-99","NA","","IS","17.6","","-99","NA","YES","100","","0.125","0.001","-99",""
"B8I0206-BS1","Modified EPA 537","Initial","B8I0206-BS1","Vista","13C8-PFOS","13C8-
PFOS","90.4","%R","","-99","NA","","IS","90.4","","-99","NA","YES","100","","0.125","0.001","-99",""
"B8I0206-BS1","Modified EPA 537","Initial","B8I0206-BS1","Vista","13C2-PFDA","13C2-
PFDA","76.7","%R","","-99","NA","","IS","76.7","","-99","NA","YES","100","","0.125","0.001","-99",""
"B8I0206-BS1","Modified EPA 537","Initial","B8I0206-BS1","Vista","13C2-8:2 FTS","13C2-8:2
FTS","89.0","%R","","-99","NA","","IS","89.0","","-99","NA","YES","100","","0.125","0.001","-99",""
"B8I0206-BS1","Modified EPA 537","Initial","B8I0206-BS1","Vista","d3-MeFOSAA","d3-
MeFOSAA","72.1","%R","","-99","NA","","IS","72.1","","-99","NA","YES","100","","0.125","0.001","-99",""
"B8I0206-BS1","Modified EPA 537","Initial","B8I0206-BS1","Vista","d5-EtFOSAA","d5-
EtFOSAA","74.4","%R","","-99","NA","","IS","74.4","","-99","NA","YES","100","","0.125","0.001","-99",""
"B8I0206-BS1","Modified EPA 537","Initial","B8I0206-BS1","Vista","13C2-PFUnA","13C2-
PFUnA","78.6","%R","","-99","NA","","IS","78.6","","-99","NA","YES","100","","0.125","0.001","-99",""
"B8I0206-BS1","Modified EPA 537","Initial","B8I0206-BS1","Vista","13C2-PFDoA","13C2-
PFDoA","76.9","%R","","-99","NA","","IS","76.9","","-99","NA","YES","100","","0.125","0.001","-99",""
"B8I0206-BS1","Modified EPA 537","Initial","B8I0206-BS1","Vista","13C2-PFTeDA","13C2-
PFTeDA","88.1","%R","","-99","NA","","IS","88.1","","-99","NA","YES","100","","0.125","0.001","-99",""
"B8I0206-MS1","Modified EPA 537","Initial","B8I0206-MS1","Vista","375-22-
4","PFBA","89.5","ng/L","","2.85","LOD","","TRG","89.8","","8.33","LOQ","YES","83.3","BPSI-TT-MW311I-
20180919","0.120","0.001","5.21",""
"B8I0206-MS1","Modified EPA 537","Initial","B8I0206-MS1","Vista","2706-90-
3","PFPeA","94.5","ng/L","","2.85","LOD","","TRG","96.8","","8.33","LOQ","YES","83.3","BPSI-TT-MW311I-
20180919","0.120","0.001","5.21",""
"B8I0206-MS1","Modified EPA 537","Initial","B8I0206-MS1","Vista","375-73-
5","PFBS","81.4","ng/L","","2.85","LOD","","TRG","96.6","","8.33","LOQ","YES","83.3","BPSI-TT-MW311I-
20180919","0.120","0.001","5.21",""
"B8I0206-MS1","Modified EPA 537","Initial","B8I0206-MS1","Vista","307-24-
4","PFHxA","94.9","ng/L","","2.85","LOD","","TRG","96.4","","8.33","LOQ","YES","83.3","BPSI-TT-MW311I-
20180919","0.120","0.001","5.21",""
"B8I0206-MS1","Modified EPA 537","Initial","B8I0206-MS1","Vista","375-85-
9","PFHpA","85.1","ng/L","","2.85","LOD","","TRG","89.9","","8.33","LOQ","YES","83.3","BPSI-TT-MW311I-
20180919","0.120","0.001","5.21",""
"B8I0206-MS1","Modified EPA 537","Initial","B8I0206-MS1","Vista","355-46-
4","PFHxS","90.9","ng/L","Q","2.85","LOD","","TRG","101","","8.33","LOQ","YES","83.3","BPSI-TT-MW311I-
20180919","0.120","0.001","5.21",""
"B8I0206-MS1","Modified EPA 537","Initial","B8I0206-MS1","Vista","27619-97-2","6:2
FTS","86.3","ng/L","","2.85","LOD","","TRG","104","","8.33","LOQ","YES","83.3","BPSI-TT-MW311I-
20180919","0.120","0.001","5.21",""
"B8I0206-MS1","Modified EPA 537","Initial","B8I0206-MS1","Vista","335-67-
1","PFOA","92.9","ng/L","","2.85","LOD","","TRG","96.9","","8.33","LOQ","YES","83.3","BPSI-TT-MW311I-
20180919","0.120","0.001","5.21",""
"B8I0206-MS1","Modified EPA 537","Initial","B8I0206-MS1","Vista","375-92-
8","PFHpS","85.3","ng/L","","2.85","LOD","","TRG","102","","8.33","LOQ","YES","83.3","BPSI-TT-MW311I-
20180919","0.120","0.001","5.21",""

"B8I0206-MS1","Modified EPA 537","Initial","B8I0206-MS1","Vista","375-95-1","PFNA","80.6","ng/L","","2.85","LOD","","TRG","96.4","","8.33","LOQ","YES","83.3","BPSI-TT-MW311I-20180919","0.120","0.001","5.21",""
"B8I0206-MS1","Modified EPA 537","Initial","B8I0206-MS1","Vista","754-91-6","PFOSA","71.7","ng/L","Q","2.85","LOD","","TRG","86.1","","8.33","LOQ","YES","83.3","BPSI-TT-MW311I-20180919","0.120","0.001","5.21",""
"B8I0206-MS1","Modified EPA 537","Initial","B8I0206-MS1","Vista","1763-23-1","PFOS","88.1","ng/L","","2.85","LOD","","TRG","104","","8.33","LOQ","YES","83.3","BPSI-TT-MW311I-20180919","0.120","0.001","5.21",""
"B8I0206-MS1","Modified EPA 537","Initial","B8I0206-MS1","Vista","335-76-2","PFDA","78.1","ng/L","","2.85","LOD","","TRG","93.8","","8.33","LOQ","YES","83.3","BPSI-TT-MW311I-20180919","0.120","0.001","5.21",""
"B8I0206-MS1","Modified EPA 537","Initial","B8I0206-MS1","Vista","39108-34-4","8:2 FTS","81.9","ng/L","","2.85","LOD","","TRG","98.3","","8.33","LOQ","YES","83.3","BPSI-TT-MW311I-20180919","0.120","0.001","5.21",""
"B8I0206-MS1","Modified EPA 537","Initial","B8I0206-MS1","Vista","2355-31-9","MeFOSAA","86.8","ng/L","","2.85","LOD","","TRG","104","","8.33","LOQ","YES","83.3","BPSI-TT-MW311I-20180919","0.120","0.001","5.21",""
"B8I0206-MS1","Modified EPA 537","Initial","B8I0206-MS1","Vista","2991-50-6","EtFOSAA","90.5","ng/L","","2.85","LOD","","TRG","109","","8.33","LOQ","YES","83.3","BPSI-TT-MW311I-20180919","0.120","0.001","5.21",""
"B8I0206-MS1","Modified EPA 537","Initial","B8I0206-MS1","Vista","2058-94-8","PFUnA","82.7","ng/L","","2.85","LOD","","TRG","99.2","","8.33","LOQ","YES","83.3","BPSI-TT-MW311I-20180919","0.120","0.001","5.21",""
"B8I0206-MS1","Modified EPA 537","Initial","B8I0206-MS1","Vista","335-77-3","PFDS","80.7","ng/L","","2.85","LOD","","TRG","96.9","","8.33","LOQ","YES","83.3","BPSI-TT-MW311I-20180919","0.120","0.001","5.21",""
"B8I0206-MS1","Modified EPA 537","Initial","B8I0206-MS1","Vista","307-55-1","PFDoA","75.0","ng/L","","2.85","LOD","","TRG","90.1","","8.33","LOQ","YES","83.3","BPSI-TT-MW311I-20180919","0.120","0.001","5.21",""
"B8I0206-MS1","Modified EPA 537","Initial","B8I0206-MS1","Vista","72629-94-8","PFTrDA","81.4","ng/L","","2.85","LOD","","TRG","97.8","","8.33","LOQ","YES","83.3","BPSI-TT-MW311I-20180919","0.120","0.001","5.21",""
"B8I0206-MS1","Modified EPA 537","Initial","B8I0206-MS1","Vista","376-06-7","PFTeDA","70.3","ng/L","","2.85","LOD","","TRG","84.4","","8.33","LOQ","YES","83.3","BPSI-TT-MW311I-20180919","0.120","0.001","5.21",""
"B8I0206-MS1","Modified EPA 537","Initial","B8I0206-MS1","Vista","13C3-PFBA","13C3-PFBA","98.1","%R","","-99","NA","","IS","98.1","","-99","NA","YES","100","BPSI-TT-MW311I-20180919","0.120","0.001","-99",""
"B8I0206-MS1","Modified EPA 537","Initial","B8I0206-MS1","Vista","13C3-PFPeA","13C3-PFPeA","91.2","%R","","-99","NA","","IS","91.2","","-99","NA","YES","100","BPSI-TT-MW311I-20180919","0.120","0.001","-99",""
"B8I0206-MS1","Modified EPA 537","Initial","B8I0206-MS1","Vista","13C3-PFBS","13C3-PFBS","90.9","%R","","-99","NA","","IS","90.9","","-99","NA","YES","100","BPSI-TT-MW311I-20180919","0.120","0.001","-99",""
"B8I0206-MS1","Modified EPA 537","Initial","B8I0206-MS1","Vista","13C2-PFHxA","13C2-PFHxA","90.4","%R","","-99","NA","","IS","90.4","","-99","NA","YES","100","BPSI-TT-MW311I-20180919","0.120","0.001","-99",""
"B8I0206-MS1","Modified EPA 537","Initial","B8I0206-MS1","Vista","13C4-PFHpA","13C4-PFHpA","103","%R","","-99","NA","","IS","103","","-99","NA","YES","100","BPSI-TT-MW311I-20180919","0.120","0.001","-99",""
"B8I0206-MS1","Modified EPA 537","Initial","B8I0206-MS1","Vista","18O2-PFHxS","18O2-PFHxS","105","%R","","-99","NA","","IS","105","","-99","NA","YES","100","BPSI-TT-MW311I-20180919","0.120","0.001","-99",""

"B8I0206-MS1","Modified EPA 537","Initial","B8I0206-MS1","Vista","13C2-6:2 FTS","13C2-6:2 FTS","89.6","%R","","-99","NA","","IS","89.6","","-99","NA","YES","100","BPSI-TT-MW311I-20180919","0.120","0.001","-99",""
"B8I0206-MS1","Modified EPA 537","Initial","B8I0206-MS1","Vista","13C2-PFOA","13C2-PFOA","95.6","%R","","-99","NA","","IS","95.6","","-99","NA","YES","100","BPSI-TT-MW311I-20180919","0.120","0.001","-99",""
"B8I0206-MS1","Modified EPA 537","Initial","B8I0206-MS1","Vista","13C5-PFNA","13C5-PFNA","80.4","%R","","-99","NA","","IS","80.4","","-99","NA","YES","100","BPSI-TT-MW311I-20180919","0.120","0.001","-99",""
"B8I0206-MS1","Modified EPA 537","Initial","B8I0206-MS1","Vista","13C8-PFOSA","13C8-PFOSA","18.2","%R","H","-99","NA","","IS","18.2","","-99","NA","YES","100","BPSI-TT-MW311I-20180919","0.120","0.001","-99",""
"B8I0206-MS1","Modified EPA 537","Initial","B8I0206-MS1","Vista","13C8-PFOS","13C8-PFOS","93.2","%R","","-99","NA","","IS","93.2","","-99","NA","YES","100","BPSI-TT-MW311I-20180919","0.120","0.001","-99",""
"B8I0206-MS1","Modified EPA 537","Initial","B8I0206-MS1","Vista","13C2-PFDA","13C2-PFDA","74.2","%R","","-99","NA","","IS","74.2","","-99","NA","YES","100","BPSI-TT-MW311I-20180919","0.120","0.001","-99",""
"B8I0206-MS1","Modified EPA 537","Initial","B8I0206-MS1","Vista","13C2-8:2 FTS","13C2-8:2 FTS","89.3","%R","","-99","NA","","IS","89.3","","-99","NA","YES","100","BPSI-TT-MW311I-20180919","0.120","0.001","-99",""
"B8I0206-MS1","Modified EPA 537","Initial","B8I0206-MS1","Vista","d3-MeFOSAA","d3-MeFOSAA","70.7","%R","","-99","NA","","IS","70.7","","-99","NA","YES","100","BPSI-TT-MW311I-20180919","0.120","0.001","-99",""
"B8I0206-MS1","Modified EPA 537","Initial","B8I0206-MS1","Vista","d5-EtFOSAA","d5-EtFOSAA","74.6","%R","","-99","NA","","IS","74.6","","-99","NA","YES","100","BPSI-TT-MW311I-20180919","0.120","0.001","-99",""
"B8I0206-MS1","Modified EPA 537","Initial","B8I0206-MS1","Vista","13C2-PFUnA","13C2-PFUnA","76.7","%R","","-99","NA","","IS","76.7","","-99","NA","YES","100","BPSI-TT-MW311I-20180919","0.120","0.001","-99",""
"B8I0206-MS1","Modified EPA 537","Initial","B8I0206-MS1","Vista","13C2-PFDoA","13C2-PFDoA","89.2","%R","","-99","NA","","IS","89.2","","-99","NA","YES","100","BPSI-TT-MW311I-20180919","0.120","0.001","-99",""
"B8I0206-MS1","Modified EPA 537","Initial","B8I0206-MS1","Vista","13C2-PFTeDA","13C2-PFTeDA","101","%R","","-99","NA","","IS","101","","-99","NA","YES","100","BPSI-TT-MW311I-20180919","0.120","0.001","-99",""
"B8I0206-MSD1","Modified EPA 537","Initial","B8I0206-MSD1","Vista","375-22-4","PFBA","88.9","ng/L","","2.89","LOD","","TRG","87.9","2.14","8.43","LOQ","YES","84.3","BPSI-TT-MW311I-20180919","0.119","0.001","5.25",""
"B8I0206-MSD1","Modified EPA 537","Initial","B8I0206-MSD1","Vista","2706-90-3","PFPeA","92.4","ng/L","","2.89","LOD","","TRG","93.1","3.90","8.43","LOQ","YES","84.3","BPSI-TT-MW311I-20180919","0.119","0.001","5.25",""
"B8I0206-MSD1","Modified EPA 537","Initial","B8I0206-MSD1","Vista","375-73-5","PFBS","84.9","ng/L","","2.89","LOD","","TRG","99.7","3.16","8.43","LOQ","YES","84.3","BPSI-TT-MW311I-20180919","0.119","0.001","5.25",""
"B8I0206-MSD1","Modified EPA 537","Initial","B8I0206-MSD1","Vista","307-24-4","PFHxA","95.3","ng/L","","2.89","LOD","","TRG","95.6","0.833","8.43","LOQ","YES","84.3","BPSI-TT-MW311I-20180919","0.119","0.001","5.25",""
"B8I0206-MSD1","Modified EPA 537","Initial","B8I0206-MSD1","Vista","375-85-9","PFHpA","85.7","ng/L","","2.89","LOD","","TRG","89.5","0.446","8.43","LOQ","YES","84.3","BPSI-TT-MW311I-20180919","0.119","0.001","5.25",""
"B8I0206-MSD1","Modified EPA 537","Initial","B8I0206-MSD1","Vista","355-46-4","PFHxS","94.8","ng/L","Q","2.89","LOD","","TRG","104","2.93","8.43","LOQ","YES","84.3","BPSI-TT-MW311I-20180919","0.119","0.001","5.25",""

"B8I0206-MSD1","Modified EPA 537","Initial","B8I0206-MSD1","Vista","27619-97-2","6:2 FTS","83.3","ng/L","","2.89","LOD","","TRG","98.8","5.13","8.43","LOQ","YES","84.3","BPSI-TT-MW311I-20180919","0.119","0.001","5.25",""
"B8I0206-MSD1","Modified EPA 537","Initial","B8I0206-MSD1","Vista","335-67-1","PFOA","91.2","ng/L","","2.89","LOD","","TRG","93.8","3.25","8.43","LOQ","YES","84.3","BPSI-TT-MW311I-20180919","0.119","0.001","5.25",""
"B8I0206-MSD1","Modified EPA 537","Initial","B8I0206-MSD1","Vista","375-92-8","PFHpS","88.0","ng/L","","2.89","LOD","","TRG","104","1.94","8.43","LOQ","YES","84.3","BPSI-TT-MW311I-20180919","0.119","0.001","5.25",""
"B8I0206-MSD1","Modified EPA 537","Initial","B8I0206-MSD1","Vista","375-95-1","PFNA","85.4","ng/L","","2.89","LOD","","TRG","101","4.66","8.43","LOQ","YES","84.3","BPSI-TT-MW311I-20180919","0.119","0.001","5.25",""
"B8I0206-MSD1","Modified EPA 537","Initial","B8I0206-MSD1","Vista","754-91-6","PFOSA","90.8","ng/L","Q","2.89","LOD","","TRG","108","22.6","8.43","LOQ","YES","84.3","BPSI-TT-MW311I-20180919","0.119","0.001","5.25",""
"B8I0206-MSD1","Modified EPA 537","Initial","B8I0206-MSD1","Vista","1763-23-1","PFOS","86.8","ng/L","","2.89","LOD","","TRG","101","2.93","8.43","LOQ","YES","84.3","BPSI-TT-MW311I-20180919","0.119","0.001","5.25",""
"B8I0206-MSD1","Modified EPA 537","Initial","B8I0206-MSD1","Vista","335-76-2","PFDA","83.8","ng/L","","2.89","LOD","","TRG","99.4","5.80","8.43","LOQ","YES","84.3","BPSI-TT-MW311I-20180919","0.119","0.001","5.25",""
"B8I0206-MSD1","Modified EPA 537","Initial","B8I0206-MSD1","Vista","39108-34-4","8:2 FTS","84.3","ng/L","","2.89","LOD","","TRG","100","1.71","8.43","LOQ","YES","84.3","BPSI-TT-MW311I-20180919","0.119","0.001","5.25",""
"B8I0206-MSD1","Modified EPA 537","Initial","B8I0206-MSD1","Vista","2355-31-9","MeFOSAA","86.1","ng/L","","2.89","LOD","","TRG","102","1.94","8.43","LOQ","YES","84.3","BPSI-TT-MW311I-20180919","0.119","0.001","5.25",""
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"B8I0206-MSD1","Modified EPA 537","Initial","B8I0206-MSD1","Vista","2058-94-8","PFUnA","78.2","ng/L","","2.89","LOD","","TRG","92.7","6.77","8.43","LOQ","YES","84.3","BPSI-TT-MW311I-20180919","0.119","0.001","5.25",""
"B8I0206-MSD1","Modified EPA 537","Initial","B8I0206-MSD1","Vista","335-77-3","PFDS","82.8","ng/L","","2.89","LOD","","TRG","98.2","1.33","8.43","LOQ","YES","84.3","BPSI-TT-MW311I-20180919","0.119","0.001","5.25",""
"B8I0206-MSD1","Modified EPA 537","Initial","B8I0206-MSD1","Vista","307-55-1","PFDoA","73.8","ng/L","","2.89","LOD","","TRG","87.6","2.81","8.43","LOQ","YES","84.3","BPSI-TT-MW311I-20180919","0.119","0.001","5.25",""
"B8I0206-MSD1","Modified EPA 537","Initial","B8I0206-MSD1","Vista","72629-94-8","PFTrDA","82.5","ng/L","","2.89","LOD","","TRG","97.9","0.102","8.43","LOQ","YES","84.3","BPSI-TT-MW311I-20180919","0.119","0.001","5.25",""
"B8I0206-MSD1","Modified EPA 537","Initial","B8I0206-MSD1","Vista","376-06-7","PFTeDA","75.2","ng/L","","2.89","LOD","","TRG","89.2","5.53","8.43","LOQ","YES","84.3","BPSI-TT-MW311I-20180919","0.119","0.001","5.25",""
"B8I0206-MSD1","Modified EPA 537","Initial","B8I0206-MSD1","Vista","13C3-PFBA","13C3-PFBA","96.8","%R","","-99","NA","","IS","96.8","","-99","NA","YES","100","BPSI-TT-MW311I-20180919","0.119","0.001","-99",""
"B8I0206-MSD1","Modified EPA 537","Initial","B8I0206-MSD1","Vista","13C3-PFPeA","13C3-PFPeA","89.5","%R","","-99","NA","","IS","89.5","","-99","NA","YES","100","BPSI-TT-MW311I-20180919","0.119","0.001","-99",""
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"B8I0206-MSD1","Modified EPA 537","Initial","B8I0206-MSD1","Vista","13C4-PFHpA","13C4-PFHpA","108","%R","","-99","NA","","IS","108","","-99","NA","YES","100","BPSI-TT-MW311I-20180919","0.119","0.001","-99",""
"B8I0206-MSD1","Modified EPA 537","Initial","B8I0206-MSD1","Vista","18O2-PFHxS","18O2-PFHxS","102","%R","","-99","NA","","IS","102","","-99","NA","YES","100","BPSI-TT-MW311I-20180919","0.119","0.001","-99",""
"B8I0206-MSD1","Modified EPA 537","Initial","B8I0206-MSD1","Vista","13C2-6:2 FTS","13C2-6:2 FTS","87.1","%R","","-99","NA","","IS","87.1","","-99","NA","YES","100","BPSI-TT-MW311I-20180919","0.119","0.001","-99",""
"B8I0206-MSD1","Modified EPA 537","Initial","B8I0206-MSD1","Vista","13C2-PFOA","13C2-PFOA","93.9","%R","","-99","NA","","IS","93.9","","-99","NA","YES","100","BPSI-TT-MW311I-20180919","0.119","0.001","-99",""
"B8I0206-MSD1","Modified EPA 537","Initial","B8I0206-MSD1","Vista","13C5-PFNA","13C5-PFNA","80.4","%R","","-99","NA","","IS","80.4","","-99","NA","YES","100","BPSI-TT-MW311I-20180919","0.119","0.001","-99",""
"B8I0206-MSD1","Modified EPA 537","Initial","B8I0206-MSD1","Vista","13C8-PFOSA","13C8-PFOSA","16.8","%R","H","-99","NA","","IS","16.8","","-99","NA","YES","100","BPSI-TT-MW311I-20180919","0.119","0.001","-99",""
"B8I0206-MSD1","Modified EPA 537","Initial","B8I0206-MSD1","Vista","13C8-PFOS","13C8-PFOS","89.0","%R","","-99","NA","","IS","89.0","","-99","NA","YES","100","BPSI-TT-MW311I-20180919","0.119","0.001","-99",""
"B8I0206-MSD1","Modified EPA 537","Initial","B8I0206-MSD1","Vista","13C2-PFDA","13C2-PFDA","70.9","%R","","-99","NA","","IS","70.9","","-99","NA","YES","100","BPSI-TT-MW311I-20180919","0.119","0.001","-99",""
"B8I0206-MSD1","Modified EPA 537","Initial","B8I0206-MSD1","Vista","13C2-8:2 FTS","13C2-8:2 FTS","82.4","%R","","-99","NA","","IS","82.4","","-99","NA","YES","100","BPSI-TT-MW311I-20180919","0.119","0.001","-99",""
"B8I0206-MSD1","Modified EPA 537","Initial","B8I0206-MSD1","Vista","d3-MeFOSAA","d3-MeFOSAA","71.3","%R","","-99","NA","","IS","71.3","","-99","NA","YES","100","BPSI-TT-MW311I-20180919","0.119","0.001","-99",""
"B8I0206-MSD1","Modified EPA 537","Initial","B8I0206-MSD1","Vista","d5-EtFOSAA","d5-EtFOSAA","77.4","%R","","-99","NA","","IS","77.4","","-99","NA","YES","100","BPSI-TT-MW311I-20180919","0.119","0.001","-99",""
"B8I0206-MSD1","Modified EPA 537","Initial","B8I0206-MSD1","Vista","13C2-PFUnA","13C2-PFUnA","78.7","%R","","-99","NA","","IS","78.7","","-99","NA","YES","100","BPSI-TT-MW311I-20180919","0.119","0.001","-99",""
"B8I0206-MSD1","Modified EPA 537","Initial","B8I0206-MSD1","Vista","13C2-PFDoA","13C2-PFDoA","85.2","%R","","-99","NA","","IS","85.2","","-99","NA","YES","100","BPSI-TT-MW311I-20180919","0.119","0.001","-99",""
"B8I0206-MSD1","Modified EPA 537","Initial","B8I0206-MSD1","Vista","13C2-PFTeDA","13C2-PFTeDA","93.4","%R","","-99","NA","","IS","93.4","","-99","NA","YES","100","BPSI-TT-MW311I-20180919","0.119","0.001","-99",""
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03","NM","","0.00","Modified EPA 537","METHOD","Initial","10/01/2018 09:50","10/07/2018
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04","NM","","0.00","Modified EPA 537","METHOD","Initial","10/01/2018 09:50","10/07/2018
14:48","Vista","COA","WET","NA","1","NA","NA","01/01/1900
00:00","100","B8I0206","B8I0206","NA","S8J0018","1803120","09/21/2018 09:09","01/01/1900 00:00",""
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05","NM","","0.00","Modified EPA 537","METHOD","Initial","10/01/2018 09:50","10/07/2018
14:58","Vista","COA","WET","NA","1","NA","NA","01/01/1900
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15:09","Vista","COA","WET","NA","1","NA","NA","01/01/1900
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15:19","Vista","COA","WET","NA","1","NA","NA","01/01/1900
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15:30","Vista","COA","WET","NA","1","NA","NA","01/01/1900
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15:41","Vista","COA","WET","NA","1","NA","NA","01/01/1900
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10","NM","","0.00","Modified EPA 537","METHOD","Initial","10/01/2018 09:50","10/07/2018
15:51","Vista","COA","WET","NA","1","NA","NA","01/01/1900
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11","NM","","0.00","Modified EPA 537","METHOD","Initial","10/01/2018 09:50","10/07/2018
16:23","Vista","COA","WET","NA","1","NA","NA","01/01/1900
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12","NM","","0.00","Modified EPA 537","METHOD","Initial","10/01/2018 09:50","10/07/2018
16:34","Vista","COA","WET","NA","1","NA","NA","01/01/1900
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16:44","Vista","COA","WET","NA","1","NA","NA","01/01/1900
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16:55","Vista","COA","WET","NA","1","NA","NA","01/01/1900
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17:54","Vista","COA","WET","NA","1","NA","NA","01/01/1900
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537","METHOD","Initial","10/01/2018 09:50","10/07/2018
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(770) 232-5082 (Fax)
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DATA VALIDATION SUMMARY REPORT - RADIOCHEMISTRY

COMPANY:	Tetra Tech, Inc., Norfolk, VA
PROJECT NAME:	Basewide Radiological Groundwater Investigation, Naval Weapons Industrial Reserve Plant (NWIRP), Bethpage, NY
SITE NAME:	CTO-WE09
CONTRACTED LAB:	Vista Analytical Laboratory
CONTRACT NO.:	N62470-16-D-9008
QA/QC LEVEL:	EPA Stage 4
ANALYTICAL METHODS:	EPA 537 Modified
VALIDATION GUIDELINES:	Sampling and Analysis Plan for Per- and polyfluoroalkyl Substances Investigation, February 2018, QSM 5.1, and Professional Judgment
SAMPLE MATRIX:	Water
TYPES OF ANALYSES:	Per- and Polyfluoroalkyl Substances (PFAS) Using Liquid Chromatography Tandem Mass Spectrometry (LC/MS/MS)
DATA VALIDATION DATE:	March 12, 2019
DATA REVIEWER(S):	Thomas B. Granat
SDG NUMBER:	1803120
SAMPLING DATE(S):	September 18-20, 2018

SAMPLES:

Client Sample ID	Laboratory ID	PFAS
BPSI-TT-MW301S-20180918	1803120-01	X
BB-TT-DUP05-20180918	1803120-02	X
BP-HN-MW27I-20180918	1803120-03	X
BPSI-TT-MW301D-20180918	1803120-04	X
BPSI-TT-MW301I-20180918	1803120-05	X
BP-MH-SW4001-20180918	1803120-06	X
BP-TT-SW4004-20180918	1803120-07	X
BP-TT-SW4002-20180918	1803120-08	X
BPSI-TT-MW312I-20180918	1803120-09	X
BPSI-TT-MW312S-20180918	1803120-10	X
BPSI-TT-MW310S-20180919	1803120-11	X
BPSI-TT-MW311S-20180919	1803120-12	X
BPSI-TT-MW311I-20180919	1803120-13	X
BPSI-TT-MW314S-20180919	1803120-14	X
BPSI-TT-MW314D-20180919	1803120-15	X
BP-TT-EB03-20180919	1803120-16	X
BPSI-TT-MW313S-2018020	1803120-17	X
BB-TT-DUP06-20180920	1803120-18	X

Client Sample ID	Laboratory ID	PFAS
BPSI-TT-MW307D-2018020	1803120-19	X
BPSI-TT-MW311I-20180919	1803120-13MS	X
BPSI-TT-MW311I-20180919	1803120-13MSD	X

Suffix Codes: MS = MATRIX SPIKE, MSD = MATRIX SPIKE DUPLICATE

Qualifier	Definition
No qualifier	Confirmed identification. The analyte was positively identified at the reported value. The reported concentration is within the calibrated range of the instrument and the result is not affected by any deficiencies in the associated quality control criteria.
J	The analyte was detected at the reported concentration; the quantitation is an estimate.
J-	The analyte was detected at the reported concentration; the quantitation is an estimate and may be biased low.
J+	The analyte was detected at the reported concentration; the quantitation is an estimate and may be biased high.
U	Not considered detected. The associated number is the reported concentration.
UJ	Not considered detected. The associated number is the reported concentration, which may be inaccurate.
X	The sample results (including non-detects) were affected by serious deficiencies in the ability to analyze the sample and to meet published method and project quality control criteria. The presence or absence of the analyte cannot be substantiated by the data provided. Acceptance or rejection of the data should be decided by the project team (which should include a project chemist), but exclusion of the data is recommended.

DATA VALIDATION SUMMARY

Vista Analytical Laboratory – SDG: 1803120

PFAS (Per- and polyfluoroalkyl substances)

SUMMARY

I.) General:

The samples were extracted and analyzed by LC/MS/MS for a selected list of PFAS using the PFAS Isotope Dilution Method (Modified EPA Method 537). The results for PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Results for all other analytes include the linear isomers only.

II.) Overall Assessment of Data:

All laboratory data were acceptable with qualifications.

MAJOR ISSUES

There were no major problems for this fraction of the SDG.

MINOR ISSUES

I.) Laboratory Data Package:

The required documentation was present and complete. The laboratory presented a complete and accurate case narrative in the data package. The data package contains results for all samples and method types listed on the COC.

II.) Sample Receipt, Preservation, and Holding Times:

The samples were received intact with proper COC documentation and signatures. The samples were received within the method temperature requirements and were stored securely in accordance with Vista standard operating procedures and EPA methodology. The samples were extracted and analyzed within the method hold times. Several sample COC IDs did not match sample Label IDs. The sample IDs were reported as listed on the COC. No data qualification was necessary.

III.) LC-MS Tune:

All LC-MS Tune criteria were met. No data qualification was necessary.

IV.) Initial Calibration (ICAL) and Initial Calibration Verification (ICV):

All Initial Calibration and Initial Calibration Verification criteria were met. No data qualification was necessary.

V.) Continuing Calibration (CCV):

All Continuing Calibration Verification criteria were met. No data qualification was necessary.

VI.) CRDL / CRQL standards:

All CRDL / CRQL standards criteria were met. No data qualification was necessary.

VII.) Blanks:

Calibration Blanks:

There were no detections in the calibration blanks. No data qualification was necessary.

Preparation Blanks:

There were no detections in the preparation blanks. No data qualification was necessary.

Equipment Blanks:

There were no detections in equipment blank BP-TT-EB03-20180919. No data qualification was necessary.

Field Blanks:

There were no field blanks identified in this SDG. There were no detections in the associated field reagent blanks (analyzed in SDG 1803122). No data qualification was necessary.

VIII.) Matrix Spike / Matrix Spike Duplicate (MS / MSD):

MS / MSD analyses were performed on SDG sample BPSI-TT-MW311I-20180919. The Percent Recoveries (%Rs) and Relative Percent Differences (RPDs) met criteria. No data qualification was necessary.

IV.) Duplicate Sample Analysis:

MD analysis was performed on SDG samples BPSI-TT-MW311I-20180919. All criteria were met. No data qualification was necessary.

X.) Laboratory Control Samples (LCS):

All LCS Recovery criteria were met. No data qualification was necessary.

XI.) Field Duplicates:

Two FD samples were identified for this fraction of the SDG. Below are the calculated RPDs (Relative Percent Differences) for the detected analyte results used to evaluate the field sampling and laboratory precision for the sample matrix.

Parent Sample	Duplicate Sample	Analyte	RPD
BPSI-TT-MW301S-20180918	BB-TT-DUP05-20180918	PFBA	10.4
		PFPeA	7.7
		PFHxA	2.9
BPSI-TT-MW313S-2018020	BB-TT-DUP06-20180920	PFBA	0.0
		PFPeA	0.2
		PFHxA	0.7
		PFHpA	1.6
		PFOA	7.5
		PFNA	3.1
		PFOS	8.3

The RPDs were within the ≤ 30% QC limit for water sample. No data qualification was necessary.

XII.) Internal Standards Performance (ISTD):

ISTD percent recoveries (%R) for 13C8-PFOSA were below the QC lower limit of 50%. Below are the associated analytes:

Client Sample ID	Lab ID	Analyte	ISTD %R	Qualifier	Code
BPSI-TT-MW301S-20180918	1803120-01	PFOSA	15.4	UJ	N
BB-TT-DUP05-20180918	1803120-02	PFOSA	11.5	UJ	N
BP-HN-MW27I-20180918	1803120-03	PFOSA	10.6	UJ	N
BPSI-TT-MW301D-20180918	1803120-04	PFOSA	15.9	UJ	N
BPSI-TT-MW301I-20180918	1803120-05	PFOSA	10.0	UJ	N
BP-MH-SW4001-20180918	1803120-06	PFOSA	10.4	UJ	N
BP-TT-SW4004-20180918	1803120-07	PFOSA	43.9	UJ	N
BP-TT-SW4002-20180918	1803120-08	PFOSA	17.7	UJ	N
BPSI-TT-MW312I-20180918	1803120-09	PFOSA	9.20	UJ	N
BPSI-TT-MW312S-20180918	1803120-10	PFOSA	12.9	UJ	N
BPSI-TT-MW310S-20180919	1803120-11	PFOSA	14.3	UJ	N
BPSI-TT-MW311S-20180919	1803120-12	PFOSA	11.2	UJ	N
BPSI-TT-MW311I-20180919	1803120-13	PFOSA	15.8	UJ	N
BPSI-TT-MW314S-20180919	1803120-14	PFOSA	27.7	UJ	N
BPSI-TT-MW314D-20180919	1803120-15	PFOSA	12.0	UJ	N
BP-TT-EB03-20180919	1803120-16	PFOSA	14.8	UJ	N
BPSI-TT-MW313S-2018020	1803120-17	PFOSA	11.9	UJ	N
BB-TT-DUP06-20180920	1803120-18	PFOSA	10.3	UJ	N
BPSI-TT-MW307D-2018020	1803120-19	PFOSA	10.2	UJ	N

The above associated analyte results were qualified as estimated (UJ) with reason code N.

XIII.) Ion Transitions:

Proper Ion transitions were used to quantify the analytes. No data qualification was necessary.

XIV.) Ion Ratio:

The following Ion ratios were outside of the Standard Ratio QC limits. Below are the associated analytes:

Client Sample ID	Lab ID	Analyte	Qualifier	Code
BP-HN-MW27I-20180918	1813120-03	PFHpA	J	Q
		PFUnA	J	Q
BPSI-TT-MW301I-20180918	1813120-05	PFHpA	J	Q
BP-MH-SW4001-20180918	1813120-06	PFHxS	J	Q
BPSI-TT-MW307D-2018020	1813120-19	PFHpA	J	Q
		PFOS	J	Q

The above associated analyte results were qualified as estimated (J) with reason code Q.

XV.) Reporting limits (RLs):

All LOQs were less than the project quantitation limits for the applicable analytes. Sample results were reported to the laboratory MDLs. Several sample results were greater than the MDL but less than the RL (LOQ) and were qualified as estimated (J) by the laboratory. These qualifiers were confirmed by the validator.

XVI.) Instrument Performance criteria (Stage 4):

All Instrument Performance criteria were met. No data qualification was necessary.

XVII.) Sample Calculation Verification (Stage 4):

All Sample Calculation Verification criteria were met. No discrepancies were noted.

Appendix A

Data Qualification Summary Table (DQST) with Qualification Codes

SAMPLE_ID	SAMP_DATE	LAB_ID	PARAMETER	LAB_RES	LAB_QUAL	VAL_RES	VAL_QUAL	VAL_REASON_CODE
BP-HN-MW27I-20180918	9/18/2018 0:00	1803120-03	PFHPA	3.24	J, Q	3.24	J	Q
BP-HN-MW27I-20180918	9/18/2018 0:00	1803120-03	PFOSA	5.48	UU	5.48	UJ	N
BP-HN-MW27I-20180918	9/18/2018 0:00	1803120-03	PFUNA	3.26	J, Q	3.26	J	Q
BP-MH-SW4001-20180918	9/18/2018 0:00	1803120-06	PFHXS	4.62	J, Q	4.62	J	Q
BP-MH-SW4001-20180918	9/18/2018 0:00	1803120-06	PFOSA	5.25	UU	5.25	UJ	N
BPS1-TT-MW301D-20180918	9/18/2018 0:00	1803120-04	PFOSA	5.25	UU	5.25	UJ	N
BPS1-TT-MW301I-20180918	9/18/2018 0:00	1803120-05	PFHPA	2.98	J, Q	2.98	J	Q
BPS1-TT-MW301I-20180918	9/18/2018 0:00	1803120-05	PFOSA	5.3	UU	5.3	UJ	N
BPS1-TT-MW301S-20180918	9/18/2018 0:00	1803120-01	PFOSA	5.53	UU	5.53	UJ	N
BPS1-TT-MW307D-2018020	9/20/2018 0:00	1803120-19	PFHPA	5.09	J, Q	5.09	J	Q
BPS1-TT-MW307D-2018020	9/20/2018 0:00	1803120-19	PFOS	7.15	J, Q	7.15	J	Q
BPS1-TT-MW307D-2018020	9/20/2018 0:00	1803120-19	PFOSA	5.25	UU	5.25	UJ	N
BPS1-TT-MW310S-20180919	9/19/2018 0:00	1803120-11	PFOSA	5.21	UU	5.21	UJ	N
BPS1-TT-MW311I-20180919	9/19/2018 0:00	1803120-13	PFOSA	5.3	UU	5.3	UJ	N
BPS1-TT-MW311S-20180919	9/19/2018 0:00	1803120-12	PFOSA	5.3	UU	5.3	UJ	N
BPS1-TT-MW312I-20180918	9/18/2018 0:00	1803120-09	PFOSA	5.25	UU	5.25	UJ	N
BPS1-TT-MW312S-20180918	9/18/2018 0:00	1803120-10	PFOSA	5.43	UU	5.43	UJ	N
BPS1-TT-MW313S-20180920	9/20/2018 0:00	1803120-17	PFOSA	5.43	UU	5.43	UJ	N
BPS1-TT-MW314D-20180919	9/19/2018 0:00	1803120-15	PFOSA	5.25	UU	5.25	UJ	N
BPS1-TT-MW314S-20180919	9/19/2018 0:00	1803120-14	PFOSA	5.34	UU	5.34	UJ	N
BP-TT-DUP05-20180918	9/18/2018 0:00	1803120-02	PFOSA	5.25	UU	5.25	UJ	N
BP-TT-DUP06-20180920	9/20/2018 0:00	1803120-18	PFOSA	5.25	UU	5.25	UJ	N
BP-TT-EB03-20180919	9/19/2018 0:00	1803120-16	PFOSA	5.25	UU	5.25	UJ	N
BP-TT-SW4002-20180918	9/18/2018 0:00	1803120-08	PFOSA	5.34	UU	5.34	UJ	N
BP-TT-SW4004-20180918	9/18/2018 0:00	1803120-07	PFOSA	5.39	UU	5.39	UJ	N

Appendix B

Laboratory Sample Results

Sample ID: BPSI-TT-MW301S-20180918

PFAS Isotope Dilution Method

Client Data

Name: Tetra Tech
Project: Bethpage
Matrix: Groundwater
Date Collected: 18-Sep-18 10:45

Laboratory Data

Lab Sample: 1803120-01
Date Received: 21-Sep-18 09:09
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	4.12	3.04	5.53	8.89	J	B8I0206	01-Oct-18	0.113 L	07-Oct-18 14:16	1
PFPeA	2706-90-3	4.16	3.04	5.53	8.89	J	B8I0206	01-Oct-18	0.113 L	07-Oct-18 14:16	1
PFBS	375-73-5	ND	3.04	5.53	8.89	U	B8I0206	01-Oct-18	0.113 L	07-Oct-18 14:16	1
PFHxA	307-24-4	3.74	3.04	5.53	8.89	J	B8I0206	01-Oct-18	0.113 L	07-Oct-18 14:16	1
PFHpA	375-85-9	ND	3.04	5.53	8.89	U	B8I0206	01-Oct-18	0.113 L	07-Oct-18 14:16	1
PFHxS	355-46-4	ND	3.04	5.53	8.89	U	B8I0206	01-Oct-18	0.113 L	07-Oct-18 14:16	1
6:2 FTS	27619-97-2	ND	3.04	5.53	8.89	U	B8I0206	01-Oct-18	0.113 L	07-Oct-18 14:16	1
PFOA	335-67-1	ND	3.04	5.53	8.89	U	B8I0206	01-Oct-18	0.113 L	07-Oct-18 14:16	1
PFHpS	375-92-8	ND	3.04	5.53	8.89	U	B8I0206	01-Oct-18	0.113 L	07-Oct-18 14:16	1
PFNA	375-95-1	ND	3.04	5.53	8.89	U	B8I0206	01-Oct-18	0.113 L	07-Oct-18 14:16	1
PFOSA	754-91-6	ND	3.04	5.53	8.89	U	B8I0206	01-Oct-18	0.113 L	07-Oct-18 14:16	1
PFOS	1763-23-1	ND	3.04	5.53	8.89	U	B8I0206	01-Oct-18	0.113 L	07-Oct-18 14:16	1
PFDA	335-76-2	ND	3.04	5.53	8.89	U	B8I0206	01-Oct-18	0.113 L	07-Oct-18 14:16	1
8:2 FTS	39108-34-4	ND	3.04	5.53	8.89	U	B8I0206	01-Oct-18	0.113 L	07-Oct-18 14:16	1
MeFOSAA	2355-31-9	ND	3.04	5.53	8.89	U	B8I0206	01-Oct-18	0.113 L	07-Oct-18 14:16	1
EtFOSAA	2991-50-6	ND	3.04	5.53	8.89	U	B8I0206	01-Oct-18	0.113 L	07-Oct-18 14:16	1
PFUnA	2058-94-8	ND	3.04	5.53	8.89	U	B8I0206	01-Oct-18	0.113 L	07-Oct-18 14:16	1
PFDS	335-77-3	ND	3.04	5.53	8.89	U	B8I0206	01-Oct-18	0.113 L	07-Oct-18 14:16	1
PFDoA	307-55-1	ND	3.04	5.53	8.89	U	B8I0206	01-Oct-18	0.113 L	07-Oct-18 14:16	1
PFTrDA	72629-94-8	ND	3.04	5.53	8.89	U	B8I0206	01-Oct-18	0.113 L	07-Oct-18 14:16	1
PFTeDA	376-06-7	ND	3.04	5.53	8.89	U	B8I0206	01-Oct-18	0.113 L	07-Oct-18 14:16	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	98.7	50 - 150		B8I0206	01-Oct-18	0.113 L	07-Oct-18 14:16	1
13C3-PFPeA	IS	90.0	50 - 150		B8I0206	01-Oct-18	0.113 L	07-Oct-18 14:16	1
13C3-PFBS	IS	96.8	50 - 150		B8I0206	01-Oct-18	0.113 L	07-Oct-18 14:16	1
13C2-PFHxA	IS	91.5	50 - 150		B8I0206	01-Oct-18	0.113 L	07-Oct-18 14:16	1
13C4-PFHpA	IS	104	50 - 150		B8I0206	01-Oct-18	0.113 L	07-Oct-18 14:16	1
18O2-PFHxS	IS	109	50 - 150		B8I0206	01-Oct-18	0.113 L	07-Oct-18 14:16	1
13C2-6:2 FTS	IS	96.4	50 - 150		B8I0206	01-Oct-18	0.113 L	07-Oct-18 14:16	1
13C2-PFOA	IS	95.0	50 - 150		B8I0206	01-Oct-18	0.113 L	07-Oct-18 14:16	1
13C5-PFNA	IS	85.9	50 - 150		B8I0206	01-Oct-18	0.113 L	07-Oct-18 14:16	1
13C8-PFOSA	IS	15.4	50 - 150	H	B8I0206	01-Oct-18	0.113 L	07-Oct-18 14:16	1
13C8-PFOS	IS	98.4	50 - 150		B8I0206	01-Oct-18	0.113 L	07-Oct-18 14:16	1
13C2-PFDA	IS	75.7	50 - 150		B8I0206	01-Oct-18	0.113 L	07-Oct-18 14:16	1
13C2-8:2 FTS	IS	91.5	50 - 150		B8I0206	01-Oct-18	0.113 L	07-Oct-18 14:16	1
d3-MeFOSAA	IS	70.1	50 - 150		B8I0206	01-Oct-18	0.113 L	07-Oct-18 14:16	1
d5-EtFOSAA	IS	79.2	50 - 150		B8I0206	01-Oct-18	0.113 L	07-Oct-18 14:16	1
13C2-PFUnA	IS	81.2	50 - 150		B8I0206	01-Oct-18	0.113 L	07-Oct-18 14:16	1

Sample ID: BPSI-TT-MW301S-20180918

PFAS Isotope Dilution Method

Client Data

Name: Tetra Tech
Project: Bethpage
Matrix: Groundwater
Date Collected: 18-Sep-18 10:45

Laboratory Data

Lab Sample: 1803120-01
Date Received: 21-Sep-18 09:09
Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFDoA	IS	85.3	50 - 150		B8I0206	01-Oct-18	0.113 L	07-Oct-18 14:16	1
13C2-PFTeDA	IS	95.1	50 - 150		B8I0206	01-Oct-18	0.113 L	07-Oct-18 14:16	1

DL - Detection Limit
LOD - Limit of Detection
LOQ - Limit of quantitation
Results reported to the DL.
When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: BB-TT-DUP05-20180918

PFAS Isotope Dilution Method

Client Data

Name: Tetra Tech
Project: Bethpage
Matrix: QC Water
Date Collected: 18-Sep-18 12:00

Laboratory Data

Lab Sample: 1803120-02
Date Received: 21-Sep-18 09:09
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	4.57	2.88	5.25	8.42	J	B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:26	1
PFPeA	2706-90-3	3.85	2.88	5.25	8.42	J	B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:26	1
PFBS	375-73-5	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:26	1
PFHxA	307-24-4	3.85	2.88	5.25	8.42	J	B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:26	1
PFHpA	375-85-9	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:26	1
PFHxS	355-46-4	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:26	1
6:2 FTS	27619-97-2	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:26	1
PFOA	335-67-1	3.32	2.88	5.25	8.42	J	B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:26	1
PFHpS	375-92-8	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:26	1
PFNA	375-95-1	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:26	1
PFOSA	754-91-6	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:26	1
PFOS	1763-23-1	2.91	2.88	5.25	8.42	J	B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:26	1
PFDA	335-76-2	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:26	1
8:2 FTS	39108-34-4	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:26	1
MeFOSAA	2355-31-9	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:26	1
EtFOSAA	2991-50-6	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:26	1
PFUnA	2058-94-8	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:26	1
PFDS	335-77-3	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:26	1
PFDoA	307-55-1	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:26	1
PFTrDA	72629-94-8	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:26	1
PFTeDA	376-06-7	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:26	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	96.9	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:26	1
13C3-PFPeA	IS	89.0	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:26	1
13C3-PFBS	IS	89.9	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:26	1
13C2-PFHxA	IS	97.1	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:26	1
13C4-PFHpA	IS	105	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:26	1
18O2-PFHxS	IS	96.8	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:26	1
13C2-6:2 FTS	IS	93.5	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:26	1
13C2-PFOA	IS	91.3	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:26	1
13C5-PFNA	IS	73.2	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:26	1
13C8-PFOSA	IS	11.5	50 - 150	H	B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:26	1
13C8-PFOS	IS	93.7	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:26	1
13C2-PFDA	IS	63.9	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:26	1
13C2-8:2 FTS	IS	87.2	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:26	1
d3-MeFOSAA	IS	64.7	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:26	1
d5-EtFOSAA	IS	70.9	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:26	1
13C2-PFUnA	IS	67.5	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:26	1

Sample ID: BB-TT-DUP05-20180918

PFAS Isotope Dilution Method

Client Data

Name: Tetra Tech
Project: Bethpage
Matrix: QC Water
Date Collected: 18-Sep-18 12:00

Laboratory Data

Lab Sample: 1803120-02
Date Received: 21-Sep-18 09:09
Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFDoA	IS	78.4	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:26	1
13C2-PFTeDA	IS	87.8	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:26	1

DL - Detection Limit
LOD - Limit of Detection
LOQ - Limit of quantitation
Results reported to the DL.
When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: BP-HN-MW27I-20180918

PFAS Isotope Dilution Method

Client Data

Name: Tetra Tech
Project: Bethpage
Matrix: Groundwater
Date Collected: 18-Sep-18 08:55

Laboratory Data

Lab Sample: 1803120-03
Date Received: 21-Sep-18 09:09
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	4.85	2.99	5.48	8.74	J	B8I0206	01-Oct-18	0.114 L	07-Oct-18 14:37	1
PFPeA	2706-90-3	5.31	2.99	5.48	8.74	J	B8I0206	01-Oct-18	0.114 L	07-Oct-18 14:37	1
PFBS	375-73-5	ND	2.99	5.48	8.74	U	B8I0206	01-Oct-18	0.114 L	07-Oct-18 14:37	1
PFHxA	307-24-4	4.68	2.99	5.48	8.74	J	B8I0206	01-Oct-18	0.114 L	07-Oct-18 14:37	1
PFHpA	375-85-9	3.24	2.99	5.48	8.74	J, Q	B8I0206	01-Oct-18	0.114 L	07-Oct-18 14:37	1
PFHxS	355-46-4	ND	2.99	5.48	8.74	U	B8I0206	01-Oct-18	0.114 L	07-Oct-18 14:37	1
6:2 FTS	27619-97-2	ND	2.99	5.48	8.74	U	B8I0206	01-Oct-18	0.114 L	07-Oct-18 14:37	1
PFOA	335-67-1	4.09	2.99	5.48	8.74	J	B8I0206	01-Oct-18	0.114 L	07-Oct-18 14:37	1
PFHpS	375-92-8	ND	2.99	5.48	8.74	U	B8I0206	01-Oct-18	0.114 L	07-Oct-18 14:37	1
PFNA	375-95-1	ND	2.99	5.48	8.74	U	B8I0206	01-Oct-18	0.114 L	07-Oct-18 14:37	1
PFOSA	754-91-6	ND	2.99	5.48	8.74	U	B8I0206	01-Oct-18	0.114 L	07-Oct-18 14:37	1
PFOS	1763-23-1	ND	2.99	5.48	8.74	U	B8I0206	01-Oct-18	0.114 L	07-Oct-18 14:37	1
PFDA	335-76-2	ND	2.99	5.48	8.74	U	B8I0206	01-Oct-18	0.114 L	07-Oct-18 14:37	1
8:2 FTS	39108-34-4	ND	2.99	5.48	8.74	U	B8I0206	01-Oct-18	0.114 L	07-Oct-18 14:37	1
MeFOSAA	2355-31-9	ND	2.99	5.48	8.74	U	B8I0206	01-Oct-18	0.114 L	07-Oct-18 14:37	1
EtFOSAA	2991-50-6	ND	2.99	5.48	8.74	U	B8I0206	01-Oct-18	0.114 L	07-Oct-18 14:37	1
PFUnA	2058-94-8	3.26	2.99	5.48	8.74	J, Q	B8I0206	01-Oct-18	0.114 L	07-Oct-18 14:37	1
PFDS	335-77-3	ND	2.99	5.48	8.74	U	B8I0206	01-Oct-18	0.114 L	07-Oct-18 14:37	1
PFDoA	307-55-1	ND	2.99	5.48	8.74	U	B8I0206	01-Oct-18	0.114 L	07-Oct-18 14:37	1
PFTrDA	72629-94-8	ND	2.99	5.48	8.74	U	B8I0206	01-Oct-18	0.114 L	07-Oct-18 14:37	1
PFTeDA	376-06-7	ND	2.99	5.48	8.74	U	B8I0206	01-Oct-18	0.114 L	07-Oct-18 14:37	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	97.1	50 - 150		B8I0206	01-Oct-18	0.114 L	07-Oct-18 14:37	1
13C3-PFPeA	IS	86.2	50 - 150		B8I0206	01-Oct-18	0.114 L	07-Oct-18 14:37	1
13C3-PFBS	IS	94.0	50 - 150		B8I0206	01-Oct-18	0.114 L	07-Oct-18 14:37	1
13C2-PFHxA	IS	93.5	50 - 150		B8I0206	01-Oct-18	0.114 L	07-Oct-18 14:37	1
13C4-PFHpA	IS	105	50 - 150		B8I0206	01-Oct-18	0.114 L	07-Oct-18 14:37	1
18O2-PFHxS	IS	100	50 - 150		B8I0206	01-Oct-18	0.114 L	07-Oct-18 14:37	1
13C2-6:2 FTS	IS	93.8	50 - 150		B8I0206	01-Oct-18	0.114 L	07-Oct-18 14:37	1
13C2-PFOA	IS	91.9	50 - 150		B8I0206	01-Oct-18	0.114 L	07-Oct-18 14:37	1
13C5-PFNA	IS	75.2	50 - 150		B8I0206	01-Oct-18	0.114 L	07-Oct-18 14:37	1
13C8-PFOSA	IS	10.6	50 - 150	H	B8I0206	01-Oct-18	0.114 L	07-Oct-18 14:37	1
13C8-PFOS	IS	93.6	50 - 150		B8I0206	01-Oct-18	0.114 L	07-Oct-18 14:37	1
13C2-PFDA	IS	67.9	50 - 150		B8I0206	01-Oct-18	0.114 L	07-Oct-18 14:37	1
13C2-8:2 FTS	IS	89.5	50 - 150		B8I0206	01-Oct-18	0.114 L	07-Oct-18 14:37	1
d3-MeFOSAA	IS	65.9	50 - 150		B8I0206	01-Oct-18	0.114 L	07-Oct-18 14:37	1
d5-EtFOSAA	IS	71.1	50 - 150		B8I0206	01-Oct-18	0.114 L	07-Oct-18 14:37	1
13C2-PFUnA	IS	73.4	50 - 150		B8I0206	01-Oct-18	0.114 L	07-Oct-18 14:37	1

Sample ID: BP-HN-MW27I-20180918

PFAS Isotope Dilution Method

Client Data

Name: Tetra Tech
Project: Bethpage
Matrix: Groundwater
Date Collected: 18-Sep-18 08:55

Laboratory Data

Lab Sample: 1803120-03
Date Received: 21-Sep-18 09:09
Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFDoA	IS	83.9	50 - 150		B8I0206	01-Oct-18	0.114 L	07-Oct-18 14:37	1
13C2-PFTeDA	IS	92.5	50 - 150		B8I0206	01-Oct-18	0.114 L	07-Oct-18 14:37	1

DL - Detection Limit
LOD - Limit of Detection
LOQ - Limit of quantitation

Results reported to the DL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: BPSI-TT-MW301D-20180918

PFAS Isotope Dilution Method

Client Data

Name: Tetra Tech
Project: Bethpage
Matrix: Groundwater
Date Collected: 18-Sep-18 12:10

Laboratory Data

Lab Sample: 1803120-04
Date Received: 21-Sep-18 09:09
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	13.3	2.88	5.25	8.42		B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:48	1
PFPeA	2706-90-3	36.6	2.88	5.25	8.42		B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:48	1
PFBS	375-73-5	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:48	1
PFHxA	307-24-4	25.3	2.88	5.25	8.42		B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:48	1
PFHpA	375-85-9	15.3	2.88	5.25	8.42		B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:48	1
PFHxS	355-46-4	3.91	2.88	5.25	8.42	J	B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:48	1
6:2 FTS	27619-97-2	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:48	1
PFOA	335-67-1	13.9	2.88	5.25	8.42		B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:48	1
PFHpS	375-92-8	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:48	1
PFNA	375-95-1	7.92	2.88	5.25	8.42	J	B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:48	1
PFOSA	754-91-6	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:48	1
PFOS	1763-23-1	10.1	2.88	5.25	8.42		B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:48	1
PFDA	335-76-2	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:48	1
8:2 FTS	39108-34-4	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:48	1
MeFOSAA	2355-31-9	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:48	1
EtFOSAA	2991-50-6	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:48	1
PFUnA	2058-94-8	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:48	1
PFDS	335-77-3	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:48	1
PFDoA	307-55-1	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:48	1
PFTrDA	72629-94-8	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:48	1
PFTeDA	376-06-7	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:48	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	94.1	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:48	1
13C3-PFPeA	IS	88.0	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:48	1
13C3-PFBS	IS	90.9	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:48	1
13C2-PFHxA	IS	90.4	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:48	1
13C4-PFHpA	IS	102	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:48	1
18O2-PFHxS	IS	98.4	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:48	1
13C2-6:2 FTS	IS	92.5	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:48	1
13C2-PFOA	IS	87.0	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:48	1
13C5-PFNA	IS	78.4	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:48	1
13C8-PFOSA	IS	15.9	50 - 150	H	B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:48	1
13C8-PFOS	IS	90.0	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:48	1
13C2-PFDA	IS	71.0	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:48	1
13C2-8:2 FTS	IS	90.2	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:48	1
d3-MeFOSAA	IS	62.3	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:48	1
d5-EtFOSAA	IS	66.0	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:48	1
13C2-PFUnA	IS	79.8	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:48	1

Sample ID: BPSI-TT-MW301D-20180918

PFAS Isotope Dilution Method

Client Data

Name: Tetra Tech
Project: Bethpage
Matrix: Groundwater
Date Collected: 18-Sep-18 12:10

Laboratory Data

Lab Sample: 1803120-04
Date Received: 21-Sep-18 09:09
Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFDoA	IS	87.5	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:48	1
13C2-PFTeDA	IS	95.6	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:48	1

DL - Detection Limit
LOD - Limit of Detection
LOQ - Limit of quantitation

Results reported to the DL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: BPSI-TT-MW301I-20180918

PFAS Isotope Dilution Method

Client Data

Name: Tetra Tech
Project: Bethpage
Matrix: Groundwater
Date Collected: 18-Sep-18 10:40

Laboratory Data

Lab Sample: 1803120-05
Date Received: 21-Sep-18 09:09
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	3.69	2.91	5.30	8.50	J	B8I0206	01-Oct-18	0.118 L	07-Oct-18 14:58	1
PFPeA	2706-90-3	3.65	2.91	5.30	8.50	J	B8I0206	01-Oct-18	0.118 L	07-Oct-18 14:58	1
PFBS	375-73-5	ND	2.91	5.30	8.50	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 14:58	1
PFHxA	307-24-4	3.80	2.91	5.30	8.50	J	B8I0206	01-Oct-18	0.118 L	07-Oct-18 14:58	1
PFHpA	375-85-9	2.98	2.91	5.30	8.50	J, Q	B8I0206	01-Oct-18	0.118 L	07-Oct-18 14:58	1
PFHxS	355-46-4	ND	2.91	5.30	8.50	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 14:58	1
6:2 FTS	27619-97-2	ND	2.91	5.30	8.50	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 14:58	1
PFOA	335-67-1	ND	2.91	5.30	8.50	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 14:58	1
PFHpS	375-92-8	ND	2.91	5.30	8.50	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 14:58	1
PFNA	375-95-1	ND	2.91	5.30	8.50	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 14:58	1
PFOSA	754-91-6	ND	2.91	5.30	8.50	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 14:58	1
PFOS	1763-23-1	ND	2.91	5.30	8.50	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 14:58	1
PFDA	335-76-2	ND	2.91	5.30	8.50	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 14:58	1
8:2 FTS	39108-34-4	ND	2.91	5.30	8.50	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 14:58	1
MeFOSAA	2355-31-9	ND	2.91	5.30	8.50	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 14:58	1
EtFOSAA	2991-50-6	ND	2.91	5.30	8.50	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 14:58	1
PFUnA	2058-94-8	ND	2.91	5.30	8.50	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 14:58	1
PFDS	335-77-3	ND	2.91	5.30	8.50	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 14:58	1
PFDoA	307-55-1	ND	2.91	5.30	8.50	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 14:58	1
PFTrDA	72629-94-8	ND	2.91	5.30	8.50	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 14:58	1
PFTeDA	376-06-7	ND	2.91	5.30	8.50	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 14:58	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	97.1	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 14:58	1
13C3-PFPeA	IS	88.8	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 14:58	1
13C3-PFBS	IS	90.2	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 14:58	1
13C2-PFHxA	IS	94.0	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 14:58	1
13C4-PFHpA	IS	107	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 14:58	1
18O2-PFHxS	IS	98.2	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 14:58	1
13C2-6:2 FTS	IS	93.9	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 14:58	1
13C2-PFOA	IS	89.1	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 14:58	1
13C5-PFNA	IS	74.0	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 14:58	1
13C8-PFOSA	IS	10.0	50 - 150	H	B8I0206	01-Oct-18	0.118 L	07-Oct-18 14:58	1
13C8-PFOS	IS	94.0	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 14:58	1
13C2-PFDA	IS	60.6	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 14:58	1
13C2-8:2 FTS	IS	90.6	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 14:58	1
d3-MeFOSAA	IS	59.4	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 14:58	1
d5-EtFOSAA	IS	64.3	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 14:58	1
13C2-PFUnA	IS	66.5	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 14:58	1

Sample ID: BPSI-TT-MW301I-20180918

PFAS Isotope Dilution Method

Client Data

Name: Tetra Tech
Project: Bethpage
Matrix: Groundwater
Date Collected: 18-Sep-18 10:40

Laboratory Data

Lab Sample: 1803120-05
Date Received: 21-Sep-18 09:09
Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFDoA	IS	73.3	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 14:58	1
13C2-PFTeDA	IS	90.0	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 14:58	1

DL - Detection Limit
LOD - Limit of Detection
LOQ - Limit of quantitation

Results reported to the DL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: BP-MH-SW4001-20180918

PFAS Isotope Dilution Method

Client Data

Name: Tetra Tech
Project: Bethpage
Matrix: Groundwater
Date Collected: 18-Sep-18 12:15

Laboratory Data

Lab Sample: 1803120-06
Date Received: 21-Sep-18 09:09
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	14.4	2.87	5.25	8.38		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:09	1
PFPeA	2706-90-3	34.8	2.87	5.25	8.38		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:09	1
PFBS	375-73-5	ND	2.87	5.25	8.38	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:09	1
PFHxA	307-24-4	24.4	2.87	5.25	8.38		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:09	1
PFHpA	375-85-9	14.7	2.87	5.25	8.38		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:09	1
PFHxS	355-46-4	4.62	2.87	5.25	8.38	J, Q	B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:09	1
6:2 FTS	27619-97-2	9.64	2.87	5.25	8.38		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:09	1
PFOA	335-67-1	17.0	2.87	5.25	8.38		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:09	1
PFHpS	375-92-8	ND	2.87	5.25	8.38	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:09	1
PFNA	375-95-1	6.97	2.87	5.25	8.38	J	B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:09	1
PFOSA	754-91-6	ND	2.87	5.25	8.38	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:09	1
PFOS	1763-23-1	11.1	2.87	5.25	8.38		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:09	1
PFDA	335-76-2	ND	2.87	5.25	8.38	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:09	1
8:2 FTS	39108-34-4	4.88	2.87	5.25	8.38	J	B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:09	1
MeFOSAA	2355-31-9	ND	2.87	5.25	8.38	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:09	1
EtFOSAA	2991-50-6	ND	2.87	5.25	8.38	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:09	1
PFUnA	2058-94-8	ND	2.87	5.25	8.38	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:09	1
PFDS	335-77-3	ND	2.87	5.25	8.38	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:09	1
PFDoA	307-55-1	ND	2.87	5.25	8.38	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:09	1
PFTrDA	72629-94-8	ND	2.87	5.25	8.38	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:09	1
PFTeDA	376-06-7	ND	2.87	5.25	8.38	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:09	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	95.9	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:09	1
13C3-PFPeA	IS	86.7	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:09	1
13C3-PFBS	IS	88.7	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:09	1
13C2-PFHxA	IS	90.5	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:09	1
13C4-PFHpA	IS	98.8	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:09	1
18O2-PFHxS	IS	99.1	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:09	1
13C2-6:2 FTS	IS	91.9	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:09	1
13C2-PFOA	IS	90.6	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:09	1
13C5-PFNA	IS	78.7	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:09	1
13C8-PFOSA	IS	10.4	50 - 150	H	B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:09	1
13C8-PFOS	IS	94.5	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:09	1
13C2-PFDA	IS	70.7	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:09	1
13C2-8:2 FTS	IS	93.5	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:09	1
d3-MeFOSAA	IS	70.6	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:09	1
d5-EtFOSAA	IS	70.3	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:09	1
13C2-PFUnA	IS	76.5	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:09	1

Sample ID: BP-MH-SW4001-20180918

PFAS Isotope Dilution Method

Client Data

Name: Tetra Tech
Project: Bethpage
Matrix: Groundwater
Date Collected: 18-Sep-18 12:15

Laboratory Data

Lab Sample: 1803120-06
Date Received: 21-Sep-18 09:09
Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFDoA	IS	84.6	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:09	1
13C2-PFTeDA	IS	99.8	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:09	1

DL - Detection Limit
LOD - Limit of Detection
LOQ - Limit of quantitation
Results reported to the DL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: BP-TT-SW4004-20180918

PFAS Isotope Dilution Method

Client Data

Name: Tetra Tech
Project: Bethpage
Matrix: Groundwater
Date Collected: 18-Sep-18 12:50

Laboratory Data

Lab Sample: 1803120-07
Date Received: 21-Sep-18 09:09
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	2.96	5.39	8.64	U	B8I0206	01-Oct-18	0.116 L	07-Oct-18 15:19	1
PFPeA	2706-90-3	ND	2.96	5.39	8.64	U	B8I0206	01-Oct-18	0.116 L	07-Oct-18 15:19	1
PFBS	375-73-5	ND	2.96	5.39	8.64	U	B8I0206	01-Oct-18	0.116 L	07-Oct-18 15:19	1
PFHxA	307-24-4	5.44	2.96	5.39	8.64	J	B8I0206	01-Oct-18	0.116 L	07-Oct-18 15:19	1
PFHpA	375-85-9	ND	2.96	5.39	8.64	U	B8I0206	01-Oct-18	0.116 L	07-Oct-18 15:19	1
PFHxS	355-46-4	ND	2.96	5.39	8.64	U	B8I0206	01-Oct-18	0.116 L	07-Oct-18 15:19	1
6:2 FTS	27619-97-2	ND	2.96	5.39	8.64	U	B8I0206	01-Oct-18	0.116 L	07-Oct-18 15:19	1
PFOA	335-67-1	ND	2.96	5.39	8.64	U	B8I0206	01-Oct-18	0.116 L	07-Oct-18 15:19	1
PFHpS	375-92-8	ND	2.96	5.39	8.64	U	B8I0206	01-Oct-18	0.116 L	07-Oct-18 15:19	1
PFNA	375-95-1	ND	2.96	5.39	8.64	U	B8I0206	01-Oct-18	0.116 L	07-Oct-18 15:19	1
PFOSA	754-91-6	ND	2.96	5.39	8.64	U	B8I0206	01-Oct-18	0.116 L	07-Oct-18 15:19	1
PFOS	1763-23-1	ND	2.96	5.39	8.64	U	B8I0206	01-Oct-18	0.116 L	07-Oct-18 15:19	1
PFDA	335-76-2	ND	2.96	5.39	8.64	U	B8I0206	01-Oct-18	0.116 L	07-Oct-18 15:19	1
8:2 FTS	39108-34-4	ND	2.96	5.39	8.64	U	B8I0206	01-Oct-18	0.116 L	07-Oct-18 15:19	1
MeFOSAA	2355-31-9	ND	2.96	5.39	8.64	U	B8I0206	01-Oct-18	0.116 L	07-Oct-18 15:19	1
EtFOSAA	2991-50-6	ND	2.96	5.39	8.64	U	B8I0206	01-Oct-18	0.116 L	07-Oct-18 15:19	1
PFUnA	2058-94-8	ND	2.96	5.39	8.64	U	B8I0206	01-Oct-18	0.116 L	07-Oct-18 15:19	1
PFDS	335-77-3	ND	2.96	5.39	8.64	U	B8I0206	01-Oct-18	0.116 L	07-Oct-18 15:19	1
PFDoA	307-55-1	ND	2.96	5.39	8.64	U	B8I0206	01-Oct-18	0.116 L	07-Oct-18 15:19	1
PFTrDA	72629-94-8	ND	2.96	5.39	8.64	U	B8I0206	01-Oct-18	0.116 L	07-Oct-18 15:19	1
PFTeDA	376-06-7	ND	2.96	5.39	8.64	U	B8I0206	01-Oct-18	0.116 L	07-Oct-18 15:19	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	94.4	50 - 150		B8I0206	01-Oct-18	0.116 L	07-Oct-18 15:19	1
13C3-PFPeA	IS	90.5	50 - 150		B8I0206	01-Oct-18	0.116 L	07-Oct-18 15:19	1
13C3-PFBS	IS	86.1	50 - 150		B8I0206	01-Oct-18	0.116 L	07-Oct-18 15:19	1
13C2-PFHxA	IS	90.1	50 - 150		B8I0206	01-Oct-18	0.116 L	07-Oct-18 15:19	1
13C4-PFHpA	IS	100	50 - 150		B8I0206	01-Oct-18	0.116 L	07-Oct-18 15:19	1
18O2-PFHxS	IS	92.3	50 - 150		B8I0206	01-Oct-18	0.116 L	07-Oct-18 15:19	1
13C2-6:2 FTS	IS	95.0	50 - 150		B8I0206	01-Oct-18	0.116 L	07-Oct-18 15:19	1
13C2-PFOA	IS	90.8	50 - 150		B8I0206	01-Oct-18	0.116 L	07-Oct-18 15:19	1
13C5-PFNA	IS	87.6	50 - 150		B8I0206	01-Oct-18	0.116 L	07-Oct-18 15:19	1
13C8-PFOSA	IS	43.9	50 - 150	H	B8I0206	01-Oct-18	0.116 L	07-Oct-18 15:19	1
13C8-PFOS	IS	103	50 - 150		B8I0206	01-Oct-18	0.116 L	07-Oct-18 15:19	1
13C2-PFDA	IS	72.0	50 - 150		B8I0206	01-Oct-18	0.116 L	07-Oct-18 15:19	1
13C2-8:2 FTS	IS	94.1	50 - 150		B8I0206	01-Oct-18	0.116 L	07-Oct-18 15:19	1
d3-MeFOSAA	IS	68.6	50 - 150		B8I0206	01-Oct-18	0.116 L	07-Oct-18 15:19	1
d5-EtFOSAA	IS	76.2	50 - 150		B8I0206	01-Oct-18	0.116 L	07-Oct-18 15:19	1
13C2-PFUnA	IS	80.4	50 - 150		B8I0206	01-Oct-18	0.116 L	07-Oct-18 15:19	1

Sample ID: BP-TT-SW4004-20180918

PFAS Isotope Dilution Method

Client Data

Name: Tetra Tech
Project: Bethpage
Matrix: Groundwater
Date Collected: 18-Sep-18 12:50

Laboratory Data

Lab Sample: 1803120-07
Date Received: 21-Sep-18 09:09
Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFDoA	IS	80.6	50 - 150		B8I0206	01-Oct-18	0.116 L	07-Oct-18 15:19	1
13C2-PFTeDA	IS	102	50 - 150		B8I0206	01-Oct-18	0.116 L	07-Oct-18 15:19	1

DL - Detection Limit
LOD - Limit of Detection
LOQ - Limit of quantitation

Results reported to the DL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: BP-TT-SW4002-20180918 **PFAS Isotope Dilution Method**

Client Data

Name: Tetra Tech
Project: Bethpage
Matrix: Groundwater
Date Collected: 18-Sep-18 13:20

Laboratory Data

Lab Sample: 1803120-08
Date Received: 21-Sep-18 09:09
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	12.0	2.94	5.34	8.58		B8I0206	01-Oct-18	0.117 L	07-Oct-18 15:30	1
PFPeA	2706-90-3	14.9	2.94	5.34	8.58		B8I0206	01-Oct-18	0.117 L	07-Oct-18 15:30	1
PFBS	375-73-5	ND	2.94	5.34	8.58	U	B8I0206	01-Oct-18	0.117 L	07-Oct-18 15:30	1
PFHxA	307-24-4	16.2	2.94	5.34	8.58		B8I0206	01-Oct-18	0.117 L	07-Oct-18 15:30	1
PFHpA	375-85-9	9.37	2.94	5.34	8.58		B8I0206	01-Oct-18	0.117 L	07-Oct-18 15:30	1
PFHxS	355-46-4	ND	2.94	5.34	8.58	U	B8I0206	01-Oct-18	0.117 L	07-Oct-18 15:30	1
6:2 FTS	27619-97-2	5.02	2.94	5.34	8.58	J	B8I0206	01-Oct-18	0.117 L	07-Oct-18 15:30	1
PFOA	335-67-1	11.2	2.94	5.34	8.58		B8I0206	01-Oct-18	0.117 L	07-Oct-18 15:30	1
PFHpS	375-92-8	ND	2.94	5.34	8.58	U	B8I0206	01-Oct-18	0.117 L	07-Oct-18 15:30	1
PFNA	375-95-1	4.71	2.94	5.34	8.58	J	B8I0206	01-Oct-18	0.117 L	07-Oct-18 15:30	1
PFOSA	754-91-6	ND	2.94	5.34	8.58	U	B8I0206	01-Oct-18	0.117 L	07-Oct-18 15:30	1
PFOS	1763-23-1	8.40	2.94	5.34	8.58	J	B8I0206	01-Oct-18	0.117 L	07-Oct-18 15:30	1
PFDA	335-76-2	ND	2.94	5.34	8.58	U	B8I0206	01-Oct-18	0.117 L	07-Oct-18 15:30	1
8:2 FTS	39108-34-4	5.52	2.94	5.34	8.58	J	B8I0206	01-Oct-18	0.117 L	07-Oct-18 15:30	1
MeFOSAA	2355-31-9	ND	2.94	5.34	8.58	U	B8I0206	01-Oct-18	0.117 L	07-Oct-18 15:30	1
EtFOSAA	2991-50-6	ND	2.94	5.34	8.58	U	B8I0206	01-Oct-18	0.117 L	07-Oct-18 15:30	1
PFUnA	2058-94-8	ND	2.94	5.34	8.58	U	B8I0206	01-Oct-18	0.117 L	07-Oct-18 15:30	1
PFDS	335-77-3	ND	2.94	5.34	8.58	U	B8I0206	01-Oct-18	0.117 L	07-Oct-18 15:30	1
PFDoA	307-55-1	ND	2.94	5.34	8.58	U	B8I0206	01-Oct-18	0.117 L	07-Oct-18 15:30	1
PFTrDA	72629-94-8	ND	2.94	5.34	8.58	U	B8I0206	01-Oct-18	0.117 L	07-Oct-18 15:30	1
PFTeDA	376-06-7	ND	2.94	5.34	8.58	U	B8I0206	01-Oct-18	0.117 L	07-Oct-18 15:30	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	94.4	50 - 150		B8I0206	01-Oct-18	0.117 L	07-Oct-18 15:30	1
13C3-PFPeA	IS	91.6	50 - 150		B8I0206	01-Oct-18	0.117 L	07-Oct-18 15:30	1
13C3-PFBS	IS	86.6	50 - 150		B8I0206	01-Oct-18	0.117 L	07-Oct-18 15:30	1
13C2-PFHxA	IS	94.0	50 - 150		B8I0206	01-Oct-18	0.117 L	07-Oct-18 15:30	1
13C4-PFHpA	IS	106	50 - 150		B8I0206	01-Oct-18	0.117 L	07-Oct-18 15:30	1
18O2-PFHxS	IS	90.7	50 - 150		B8I0206	01-Oct-18	0.117 L	07-Oct-18 15:30	1
13C2-6:2 FTS	IS	89.8	50 - 150		B8I0206	01-Oct-18	0.117 L	07-Oct-18 15:30	1
13C2-PFOA	IS	96.2	50 - 150		B8I0206	01-Oct-18	0.117 L	07-Oct-18 15:30	1
13C5-PFNA	IS	82.1	50 - 150		B8I0206	01-Oct-18	0.117 L	07-Oct-18 15:30	1
13C8-PFOSA	IS	17.7	50 - 150	H	B8I0206	01-Oct-18	0.117 L	07-Oct-18 15:30	1
13C8-PFOS	IS	96.4	50 - 150		B8I0206	01-Oct-18	0.117 L	07-Oct-18 15:30	1
13C2-PFDA	IS	66.5	50 - 150		B8I0206	01-Oct-18	0.117 L	07-Oct-18 15:30	1
13C2-8:2 FTS	IS	85.2	50 - 150		B8I0206	01-Oct-18	0.117 L	07-Oct-18 15:30	1
d3-MeFOSAA	IS	65.3	50 - 150		B8I0206	01-Oct-18	0.117 L	07-Oct-18 15:30	1
d5-EtFOSAA	IS	68.2	50 - 150		B8I0206	01-Oct-18	0.117 L	07-Oct-18 15:30	1
13C2-PFUnA	IS	73.2	50 - 150		B8I0206	01-Oct-18	0.117 L	07-Oct-18 15:30	1

Sample ID: BP-TT-SW4002-20180918

PFAS Isotope Dilution Method

Client Data

Name: Tetra Tech
Project: Bethpage
Matrix: Groundwater
Date Collected: 18-Sep-18 13:20

Laboratory Data

Lab Sample: 1803120-08
Date Received: 21-Sep-18 09:09
Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFDoA	IS	77.9	50 - 150		B8I0206	01-Oct-18	0.117 L	07-Oct-18 15:30	1
13C2-PFTeDA	IS	101	50 - 150		B8I0206	01-Oct-18	0.117 L	07-Oct-18 15:30	1

DL - Detection Limit
LOD - Limit of Detection
LOQ - Limit of quantitation

Results reported to the DL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: BPSI-TT-MW312I-20180918

PFAS Isotope Dilution Method

Client Data

Name: Tetra Tech
Project: Bethpage
Matrix: Groundwater
Date Collected: 18-Sep-18 16:00

Laboratory Data

Lab Sample: 1803120-09
Date Received: 21-Sep-18 09:09
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	15.1	2.87	5.25	8.37		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:41	1
PFPeA	2706-90-3	45.5	2.87	5.25	8.37		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:41	1
PFBS	375-73-5	ND	2.87	5.25	8.37	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:41	1
PFHxA	307-24-4	29.9	2.87	5.25	8.37		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:41	1
PFHpA	375-85-9	20.9	2.87	5.25	8.37		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:41	1
PFHxS	355-46-4	3.04	2.87	5.25	8.37	J	B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:41	1
6:2 FTS	27619-97-2	ND	2.87	5.25	8.37	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:41	1
PFOA	335-67-1	16.4	2.87	5.25	8.37		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:41	1
PFHpS	375-92-8	ND	2.87	5.25	8.37	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:41	1
PFNA	375-95-1	9.88	2.87	5.25	8.37		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:41	1
PFOSA	754-91-6	ND	2.87	5.25	8.37	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:41	1
PFOS	1763-23-1	14.7	2.87	5.25	8.37		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:41	1
PFDA	335-76-2	ND	2.87	5.25	8.37	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:41	1
8:2 FTS	39108-34-4	ND	2.87	5.25	8.37	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:41	1
MeFOSAA	2355-31-9	ND	2.87	5.25	8.37	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:41	1
EtFOSAA	2991-50-6	ND	2.87	5.25	8.37	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:41	1
PFUnA	2058-94-8	ND	2.87	5.25	8.37	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:41	1
PFDS	335-77-3	ND	2.87	5.25	8.37	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:41	1
PFDoA	307-55-1	ND	2.87	5.25	8.37	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:41	1
PFTrDA	72629-94-8	ND	2.87	5.25	8.37	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:41	1
PFTeDA	376-06-7	ND	2.87	5.25	8.37	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:41	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	93.8	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:41	1
13C3-PFPeA	IS	87.7	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:41	1
13C3-PFBS	IS	86.9	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:41	1
13C2-PFHxA	IS	88.4	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:41	1
13C4-PFHpA	IS	97.6	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:41	1
18O2-PFHxS	IS	92.6	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:41	1
13C2-6:2 FTS	IS	90.7	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:41	1
13C2-PFOA	IS	91.7	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:41	1
13C5-PFNA	IS	81.2	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:41	1
13C8-PFOSA	IS	9.20	50 - 150	H	B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:41	1
13C8-PFOS	IS	96.2	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:41	1
13C2-PFDA	IS	70.9	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:41	1
13C2-8:2 FTS	IS	94.1	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:41	1
d3-MeFOSAA	IS	66.7	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:41	1
d5-EtFOSAA	IS	67.8	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:41	1
13C2-PFUnA	IS	79.6	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:41	1

Sample ID: BPSI-TT-MW312I-20180918

PFAS Isotope Dilution Method

Client Data

Name: Tetra Tech
Project: Bethpage
Matrix: Groundwater
Date Collected: 18-Sep-18 16:00

Laboratory Data

Lab Sample: 1803120-09
Date Received: 21-Sep-18 09:09
Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFDoA	IS	87.3	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:41	1
13C2-PFTeDA	IS	99.3	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:41	1

DL - Detection Limit
LOD - Limit of Detection
LOQ - Limit of quantitation

Results reported to the DL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: BPSI-TT-MW312S-20180918

PFAS Isotope Dilution Method

Client Data

Name: Tetra Tech
Project: Bethpage
Matrix: Groundwater
Date Collected: 18-Sep-18 15:25

Laboratory Data

Lab Sample: 1803120-10
Date Received: 21-Sep-18 09:09
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	20.2	2.99	5.43	8.72		B8I0206	01-Oct-18	0.115 L	07-Oct-18 15:51	1
PFPeA	2706-90-3	42.3	2.99	5.43	8.72		B8I0206	01-Oct-18	0.115 L	07-Oct-18 15:51	1
PFBS	375-73-5	ND	2.99	5.43	8.72	U	B8I0206	01-Oct-18	0.115 L	07-Oct-18 15:51	1
PFHxA	307-24-4	26.3	2.99	5.43	8.72		B8I0206	01-Oct-18	0.115 L	07-Oct-18 15:51	1
PFHpA	375-85-9	14.4	2.99	5.43	8.72		B8I0206	01-Oct-18	0.115 L	07-Oct-18 15:51	1
PFHxS	355-46-4	3.01	2.99	5.43	8.72	J	B8I0206	01-Oct-18	0.115 L	07-Oct-18 15:51	1
6:2 FTS	27619-97-2	ND	2.99	5.43	8.72	U	B8I0206	01-Oct-18	0.115 L	07-Oct-18 15:51	1
PFOA	335-67-1	10.3	2.99	5.43	8.72		B8I0206	01-Oct-18	0.115 L	07-Oct-18 15:51	1
PFHpS	375-92-8	ND	2.99	5.43	8.72	U	B8I0206	01-Oct-18	0.115 L	07-Oct-18 15:51	1
PFNA	375-95-1	10.6	2.99	5.43	8.72		B8I0206	01-Oct-18	0.115 L	07-Oct-18 15:51	1
PFOSA	754-91-6	ND	2.99	5.43	8.72	U	B8I0206	01-Oct-18	0.115 L	07-Oct-18 15:51	1
PFOS	1763-23-1	9.05	2.99	5.43	8.72		B8I0206	01-Oct-18	0.115 L	07-Oct-18 15:51	1
PFDA	335-76-2	ND	2.99	5.43	8.72	U	B8I0206	01-Oct-18	0.115 L	07-Oct-18 15:51	1
8:2 FTS	39108-34-4	ND	2.99	5.43	8.72	U	B8I0206	01-Oct-18	0.115 L	07-Oct-18 15:51	1
MeFOSAA	2355-31-9	ND	2.99	5.43	8.72	U	B8I0206	01-Oct-18	0.115 L	07-Oct-18 15:51	1
EtFOSAA	2991-50-6	ND	2.99	5.43	8.72	U	B8I0206	01-Oct-18	0.115 L	07-Oct-18 15:51	1
PFUnA	2058-94-8	ND	2.99	5.43	8.72	U	B8I0206	01-Oct-18	0.115 L	07-Oct-18 15:51	1
PFDS	335-77-3	ND	2.99	5.43	8.72	U	B8I0206	01-Oct-18	0.115 L	07-Oct-18 15:51	1
PFDoA	307-55-1	ND	2.99	5.43	8.72	U	B8I0206	01-Oct-18	0.115 L	07-Oct-18 15:51	1
PFTrDA	72629-94-8	ND	2.99	5.43	8.72	U	B8I0206	01-Oct-18	0.115 L	07-Oct-18 15:51	1
PFTeDA	376-06-7	ND	2.99	5.43	8.72	U	B8I0206	01-Oct-18	0.115 L	07-Oct-18 15:51	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	96.3	50 - 150		B8I0206	01-Oct-18	0.115 L	07-Oct-18 15:51	1
13C3-PFPeA	IS	84.8	50 - 150		B8I0206	01-Oct-18	0.115 L	07-Oct-18 15:51	1
13C3-PFBS	IS	89.7	50 - 150		B8I0206	01-Oct-18	0.115 L	07-Oct-18 15:51	1
13C2-PFHxA	IS	90.9	50 - 150		B8I0206	01-Oct-18	0.115 L	07-Oct-18 15:51	1
13C4-PFHpA	IS	101	50 - 150		B8I0206	01-Oct-18	0.115 L	07-Oct-18 15:51	1
18O2-PFHxS	IS	101	50 - 150		B8I0206	01-Oct-18	0.115 L	07-Oct-18 15:51	1
13C2-6:2 FTS	IS	88.3	50 - 150		B8I0206	01-Oct-18	0.115 L	07-Oct-18 15:51	1
13C2-PFOA	IS	93.7	50 - 150		B8I0206	01-Oct-18	0.115 L	07-Oct-18 15:51	1
13C5-PFNA	IS	84.4	50 - 150		B8I0206	01-Oct-18	0.115 L	07-Oct-18 15:51	1
13C8-PFOSA	IS	12.9	50 - 150	H	B8I0206	01-Oct-18	0.115 L	07-Oct-18 15:51	1
13C8-PFOS	IS	96.2	50 - 150		B8I0206	01-Oct-18	0.115 L	07-Oct-18 15:51	1
13C2-PFDA	IS	66.5	50 - 150		B8I0206	01-Oct-18	0.115 L	07-Oct-18 15:51	1
13C2-8:2 FTS	IS	92.6	50 - 150		B8I0206	01-Oct-18	0.115 L	07-Oct-18 15:51	1
d3-MeFOSAA	IS	67.8	50 - 150		B8I0206	01-Oct-18	0.115 L	07-Oct-18 15:51	1
d5-EtFOSAA	IS	74.7	50 - 150		B8I0206	01-Oct-18	0.115 L	07-Oct-18 15:51	1
13C2-PFUnA	IS	79.2	50 - 150		B8I0206	01-Oct-18	0.115 L	07-Oct-18 15:51	1

Sample ID: BPSI-TT-MW312S-20180918

PFAS Isotope Dilution Method

Client Data

Name: Tetra Tech
Project: Bethpage
Matrix: Groundwater
Date Collected: 18-Sep-18 15:25

Laboratory Data

Lab Sample: 1803120-10
Date Received: 21-Sep-18 09:09
Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFDoA	IS	85.0	50 - 150		B8I0206	01-Oct-18	0.115 L	07-Oct-18 15:51	1
13C2-PFTeDA	IS	101	50 - 150		B8I0206	01-Oct-18	0.115 L	07-Oct-18 15:51	1

DL - Detection Limit
LOD - Limit of Detection
LOQ - Limit of quantitation

Results reported to the DL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: BPSI-TT-MW310S-20180919

PFAS Isotope Dilution Method

Client Data

Name: Tetra Tech
Project: Bethpage
Matrix: Groundwater
Date Collected: 19-Sep-18 10:30

Laboratory Data

Lab Sample: 1803120-11
Date Received: 21-Sep-18 09:09
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	8.31	2.86	5.21	8.35	J	B8I0206	01-Oct-18	0.120 L	07-Oct-18 16:23	1
PFPeA	2706-90-3	6.60	2.86	5.21	8.35	J	B8I0206	01-Oct-18	0.120 L	07-Oct-18 16:23	1
PFBS	375-73-5	ND	2.86	5.21	8.35	U	B8I0206	01-Oct-18	0.120 L	07-Oct-18 16:23	1
PFHxA	307-24-4	6.87	2.86	5.21	8.35	J	B8I0206	01-Oct-18	0.120 L	07-Oct-18 16:23	1
PFHpA	375-85-9	10.9	2.86	5.21	8.35		B8I0206	01-Oct-18	0.120 L	07-Oct-18 16:23	1
PFHxS	355-46-4	ND	2.86	5.21	8.35	U	B8I0206	01-Oct-18	0.120 L	07-Oct-18 16:23	1
6:2 FTS	27619-97-2	ND	2.86	5.21	8.35	U	B8I0206	01-Oct-18	0.120 L	07-Oct-18 16:23	1
PFOA	335-67-1	28.9	2.86	5.21	8.35		B8I0206	01-Oct-18	0.120 L	07-Oct-18 16:23	1
PFHpS	375-92-8	ND	2.86	5.21	8.35	U	B8I0206	01-Oct-18	0.120 L	07-Oct-18 16:23	1
PFNA	375-95-1	4.59	2.86	5.21	8.35	J	B8I0206	01-Oct-18	0.120 L	07-Oct-18 16:23	1
PFOSA	754-91-6	ND	2.86	5.21	8.35	U	B8I0206	01-Oct-18	0.120 L	07-Oct-18 16:23	1
PFOS	1763-23-1	10.8	2.86	5.21	8.35		B8I0206	01-Oct-18	0.120 L	07-Oct-18 16:23	1
PFDA	335-76-2	ND	2.86	5.21	8.35	U	B8I0206	01-Oct-18	0.120 L	07-Oct-18 16:23	1
8:2 FTS	39108-34-4	ND	2.86	5.21	8.35	U	B8I0206	01-Oct-18	0.120 L	07-Oct-18 16:23	1
MeFOSAA	2355-31-9	ND	2.86	5.21	8.35	U	B8I0206	01-Oct-18	0.120 L	07-Oct-18 16:23	1
EtFOSAA	2991-50-6	ND	2.86	5.21	8.35	U	B8I0206	01-Oct-18	0.120 L	07-Oct-18 16:23	1
PFUnA	2058-94-8	ND	2.86	5.21	8.35	U	B8I0206	01-Oct-18	0.120 L	07-Oct-18 16:23	1
PFDS	335-77-3	ND	2.86	5.21	8.35	U	B8I0206	01-Oct-18	0.120 L	07-Oct-18 16:23	1
PFDoA	307-55-1	ND	2.86	5.21	8.35	U	B8I0206	01-Oct-18	0.120 L	07-Oct-18 16:23	1
PFTrDA	72629-94-8	ND	2.86	5.21	8.35	U	B8I0206	01-Oct-18	0.120 L	07-Oct-18 16:23	1
PFTeDA	376-06-7	ND	2.86	5.21	8.35	U	B8I0206	01-Oct-18	0.120 L	07-Oct-18 16:23	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	96.5	50 - 150		B8I0206	01-Oct-18	0.120 L	07-Oct-18 16:23	1
13C3-PFPeA	IS	86.8	50 - 150		B8I0206	01-Oct-18	0.120 L	07-Oct-18 16:23	1
13C3-PFBS	IS	90.2	50 - 150		B8I0206	01-Oct-18	0.120 L	07-Oct-18 16:23	1
13C2-PFHxA	IS	92.7	50 - 150		B8I0206	01-Oct-18	0.120 L	07-Oct-18 16:23	1
13C4-PFHpA	IS	101	50 - 150		B8I0206	01-Oct-18	0.120 L	07-Oct-18 16:23	1
18O2-PFHxS	IS	86.8	50 - 150		B8I0206	01-Oct-18	0.120 L	07-Oct-18 16:23	1
13C2-6:2 FTS	IS	89.4	50 - 150		B8I0206	01-Oct-18	0.120 L	07-Oct-18 16:23	1
13C2-PFOA	IS	92.2	50 - 150		B8I0206	01-Oct-18	0.120 L	07-Oct-18 16:23	1
13C5-PFNA	IS	76.9	50 - 150		B8I0206	01-Oct-18	0.120 L	07-Oct-18 16:23	1
13C8-PFOSA	IS	14.3	50 - 150	H	B8I0206	01-Oct-18	0.120 L	07-Oct-18 16:23	1
13C8-PFOS	IS	92.9	50 - 150		B8I0206	01-Oct-18	0.120 L	07-Oct-18 16:23	1
13C2-PFDA	IS	65.7	50 - 150		B8I0206	01-Oct-18	0.120 L	07-Oct-18 16:23	1
13C2-8:2 FTS	IS	89.6	50 - 150		B8I0206	01-Oct-18	0.120 L	07-Oct-18 16:23	1
d3-MeFOSAA	IS	69.1	50 - 150		B8I0206	01-Oct-18	0.120 L	07-Oct-18 16:23	1
d5-EtFOSAA	IS	76.7	50 - 150		B8I0206	01-Oct-18	0.120 L	07-Oct-18 16:23	1
13C2-PFUnA	IS	76.4	50 - 150		B8I0206	01-Oct-18	0.120 L	07-Oct-18 16:23	1

Sample ID: BPSI-TT-MW310S-20180919

PFAS Isotope Dilution Method

Client Data

Name: Tetra Tech
Project: Bethpage
Matrix: Groundwater
Date Collected: 19-Sep-18 10:30

Laboratory Data

Lab Sample: 1803120-11
Date Received: 21-Sep-18 09:09
Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFDoA	IS	88.6	50 - 150		B8I0206	01-Oct-18	0.120 L	07-Oct-18 16:23	1
13C2-PFTeDA	IS	105	50 - 150		B8I0206	01-Oct-18	0.120 L	07-Oct-18 16:23	1

DL - Detection Limit
LOD - Limit of Detection
LOQ - Limit of quantitation

Results reported to the DL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: BPSI-TT-MW311S-20180919

PFAS Isotope Dilution Method

Client Data

Name: Tetra Tech
Project: Bethpage
Matrix: Groundwater
Date Collected: 19-Sep-18 11:10

Laboratory Data

Lab Sample: 1803120-12
Date Received: 21-Sep-18 09:09
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	9.88	2.89	5.30	8.45		B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:34	1
PFPeA	2706-90-3	13.8	2.89	5.30	8.45		B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:34	1
PFBS	375-73-5	ND	2.89	5.30	8.45	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:34	1
PFHxA	307-24-4	13.3	2.89	5.30	8.45		B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:34	1
PFHpA	375-85-9	7.09	2.89	5.30	8.45	J	B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:34	1
PFHxS	355-46-4	ND	2.89	5.30	8.45	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:34	1
6:2 FTS	27619-97-2	ND	2.89	5.30	8.45	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:34	1
PFOA	335-67-1	2.96	2.89	5.30	8.45	J	B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:34	1
PFHpS	375-92-8	ND	2.89	5.30	8.45	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:34	1
PFNA	375-95-1	ND	2.89	5.30	8.45	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:34	1
PFOSA	754-91-6	ND	2.89	5.30	8.45	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:34	1
PFOS	1763-23-1	ND	2.89	5.30	8.45	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:34	1
PFDA	335-76-2	ND	2.89	5.30	8.45	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:34	1
8:2 FTS	39108-34-4	ND	2.89	5.30	8.45	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:34	1
MeFOSAA	2355-31-9	ND	2.89	5.30	8.45	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:34	1
EtFOSAA	2991-50-6	ND	2.89	5.30	8.45	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:34	1
PFUnA	2058-94-8	ND	2.89	5.30	8.45	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:34	1
PFDS	335-77-3	ND	2.89	5.30	8.45	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:34	1
PFDoA	307-55-1	ND	2.89	5.30	8.45	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:34	1
PFTrDA	72629-94-8	ND	2.89	5.30	8.45	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:34	1
PFTeDA	376-06-7	ND	2.89	5.30	8.45	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:34	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	96.1	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:34	1
13C3-PFPeA	IS	90.7	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:34	1
13C3-PFBS	IS	88.0	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:34	1
13C2-PFHxA	IS	88.4	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:34	1
13C4-PFHpA	IS	99.4	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:34	1
18O2-PFHxS	IS	89.7	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:34	1
13C2-6:2 FTS	IS	92.7	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:34	1
13C2-PFOA	IS	89.9	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:34	1
13C5-PFNA	IS	84.4	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:34	1
13C8-PFOSA	IS	11.2	50 - 150	H	B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:34	1
13C8-PFOS	IS	94.9	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:34	1
13C2-PFDA	IS	73.9	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:34	1
13C2-8:2 FTS	IS	88.3	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:34	1
d3-MeFOSAA	IS	73.3	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:34	1
d5-EtFOSAA	IS	76.0	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:34	1
13C2-PFUnA	IS	78.6	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:34	1

Sample ID: BPSI-TT-MW311S-20180919 **PFAS Isotope Dilution Method**

Client Data

Name: Tetra Tech
Project: Bethpage
Matrix: Groundwater
Date Collected: 19-Sep-18 11:10

Laboratory Data

Lab Sample: 1803120-12
Date Received: 21-Sep-18 09:09
Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFDoA	IS	95.6	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:34	1
13C2-PFTeDA	IS	111	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:34	1

DL - Detection Limit
LOD - Limit of Detection
LOQ - Limit of quantitation

Results reported to the DL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: BPSI-TT-MW311I-20180919

PFAS Isotope Dilution Method

Client Data

Name: Tetra Tech
Project: Bethpage
Matrix: Groundwater
Date Collected: 19-Sep-18 11:10

Laboratory Data

Lab Sample: 1803120-13
Date Received: 21-Sep-18 09:09
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	14.7	2.91	5.30	8.49		B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:44	1
PFPeA	2706-90-3	13.9	2.91	5.30	8.49		B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:44	1
PFBS	375-73-5	ND	2.91	5.30	8.49	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:44	1
PFHxA	307-24-4	14.6	2.91	5.30	8.49		B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:44	1
PFHpA	375-85-9	10.2	2.91	5.30	8.49		B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:44	1
PFHxS	355-46-4	7.11	2.91	5.30	8.49	J	B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:44	1
6:2 FTS	27619-97-2	ND	2.91	5.30	8.49	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:44	1
PFOA	335-67-1	12.2	2.91	5.30	8.49		B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:44	1
PFHpS	375-92-8	ND	2.91	5.30	8.49	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:44	1
PFNA	375-95-1	ND	2.91	5.30	8.49	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:44	1
PFOSA	754-91-6	ND	2.91	5.30	8.49	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:44	1
PFOS	1763-23-1	ND	2.91	5.30	8.49	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:44	1
PFDA	335-76-2	ND	2.91	5.30	8.49	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:44	1
8:2 FTS	39108-34-4	ND	2.91	5.30	8.49	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:44	1
MeFOSAA	2355-31-9	ND	2.91	5.30	8.49	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:44	1
EtFOSAA	2991-50-6	ND	2.91	5.30	8.49	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:44	1
PFUnA	2058-94-8	ND	2.91	5.30	8.49	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:44	1
PFDS	335-77-3	ND	2.91	5.30	8.49	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:44	1
PFDoA	307-55-1	ND	2.91	5.30	8.49	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:44	1
PFTrDA	72629-94-8	ND	2.91	5.30	8.49	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:44	1
PFTeDA	376-06-7	ND	2.91	5.30	8.49	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:44	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	94.5	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:44	1
13C3-PFPeA	IS	88.6	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:44	1
13C3-PFBS	IS	90.7	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:44	1
13C2-PFHxA	IS	91.1	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:44	1
13C4-PFHpA	IS	104	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:44	1
18O2-PFHxS	IS	84.2	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:44	1
13C2-6:2 FTS	IS	88.5	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:44	1
13C2-PFOA	IS	92.7	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:44	1
13C5-PFNA	IS	80.7	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:44	1
13C8-PFOSA	IS	15.8	50 - 150	H	B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:44	1
13C8-PFOS	IS	99.2	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:44	1
13C2-PFDA	IS	65.8	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:44	1
13C2-8:2 FTS	IS	99.3	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:44	1
d3-MeFOSAA	IS	63.2	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:44	1
d5-EtFOSAA	IS	72.2	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:44	1
13C2-PFUnA	IS	72.6	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:44	1

Sample ID: BPSI-TT-MW311I-20180919

PFAS Isotope Dilution Method

Client Data

Name: Tetra Tech
Project: Bethpage
Matrix: Groundwater
Date Collected: 19-Sep-18 11:10

Laboratory Data

Lab Sample: 1803120-13
Date Received: 21-Sep-18 09:09
Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFDoA	IS	84.7	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:44	1
13C2-PFTeDA	IS	106	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:44	1

DL - Detection Limit
LOD - Limit of Detection
LOQ - Limit of quantitation
Results reported to the DL.
When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: BPSI-TT-MW314S-20180919

PFAS Isotope Dilution Method

Client Data

Name: Tetra Tech
Project: Bethpage
Matrix: Groundwater
Date Collected: 19-Sep-18 14:40

Laboratory Data

Lab Sample: 1803120-14
Date Received: 21-Sep-18 09:09
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	9.79	2.92	5.34	8.53		B8I0206	01-Oct-18	0.117 L	07-Oct-18 16:55	1
PFPeA	2706-90-3	18.7	2.92	5.34	8.53		B8I0206	01-Oct-18	0.117 L	07-Oct-18 16:55	1
PFBS	375-73-5	ND	2.92	5.34	8.53	U	B8I0206	01-Oct-18	0.117 L	07-Oct-18 16:55	1
PFHxA	307-24-4	13.4	2.92	5.34	8.53		B8I0206	01-Oct-18	0.117 L	07-Oct-18 16:55	1
PFHpA	375-85-9	37.4	2.92	5.34	8.53		B8I0206	01-Oct-18	0.117 L	07-Oct-18 16:55	1
PFHxS	355-46-4	ND	2.92	5.34	8.53	U	B8I0206	01-Oct-18	0.117 L	07-Oct-18 16:55	1
6:2 FTS	27619-97-2	3.75	2.92	5.34	8.53	J	B8I0206	01-Oct-18	0.117 L	07-Oct-18 16:55	1
PFOA	335-67-1	98.8	2.92	5.34	8.53		B8I0206	01-Oct-18	0.117 L	07-Oct-18 16:55	1
PFHpS	375-92-8	ND	2.92	5.34	8.53	U	B8I0206	01-Oct-18	0.117 L	07-Oct-18 16:55	1
PFNA	375-95-1	ND	2.92	5.34	8.53	U	B8I0206	01-Oct-18	0.117 L	07-Oct-18 16:55	1
PFOSA	754-91-6	ND	2.92	5.34	8.53	U	B8I0206	01-Oct-18	0.117 L	07-Oct-18 16:55	1
PFOS	1763-23-1	ND	2.92	5.34	8.53	U	B8I0206	01-Oct-18	0.117 L	07-Oct-18 16:55	1
PFDA	335-76-2	ND	2.92	5.34	8.53	U	B8I0206	01-Oct-18	0.117 L	07-Oct-18 16:55	1
8:2 FTS	39108-34-4	ND	2.92	5.34	8.53	U	B8I0206	01-Oct-18	0.117 L	07-Oct-18 16:55	1
MeFOSAA	2355-31-9	ND	2.92	5.34	8.53	U	B8I0206	01-Oct-18	0.117 L	07-Oct-18 16:55	1
EtFOSAA	2991-50-6	ND	2.92	5.34	8.53	U	B8I0206	01-Oct-18	0.117 L	07-Oct-18 16:55	1
PFUnA	2058-94-8	ND	2.92	5.34	8.53	U	B8I0206	01-Oct-18	0.117 L	07-Oct-18 16:55	1
PFDS	335-77-3	ND	2.92	5.34	8.53	U	B8I0206	01-Oct-18	0.117 L	07-Oct-18 16:55	1
PFDoA	307-55-1	ND	2.92	5.34	8.53	U	B8I0206	01-Oct-18	0.117 L	07-Oct-18 16:55	1
PFTrDA	72629-94-8	ND	2.92	5.34	8.53	U	B8I0206	01-Oct-18	0.117 L	07-Oct-18 16:55	1
PFTeDA	376-06-7	ND	2.92	5.34	8.53	U	B8I0206	01-Oct-18	0.117 L	07-Oct-18 16:55	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	94.9	50 - 150		B8I0206	01-Oct-18	0.117 L	07-Oct-18 16:55	1
13C3-PFPeA	IS	85.6	50 - 150		B8I0206	01-Oct-18	0.117 L	07-Oct-18 16:55	1
13C3-PFBS	IS	91.6	50 - 150		B8I0206	01-Oct-18	0.117 L	07-Oct-18 16:55	1
13C2-PFHxA	IS	91.5	50 - 150		B8I0206	01-Oct-18	0.117 L	07-Oct-18 16:55	1
13C4-PFHpA	IS	102	50 - 150		B8I0206	01-Oct-18	0.117 L	07-Oct-18 16:55	1
18O2-PFHxS	IS	88.5	50 - 150		B8I0206	01-Oct-18	0.117 L	07-Oct-18 16:55	1
13C2-6:2 FTS	IS	88.5	50 - 150		B8I0206	01-Oct-18	0.117 L	07-Oct-18 16:55	1
13C2-PFOA	IS	95.4	50 - 150		B8I0206	01-Oct-18	0.117 L	07-Oct-18 16:55	1
13C5-PFNA	IS	81.0	50 - 150		B8I0206	01-Oct-18	0.117 L	07-Oct-18 16:55	1
13C8-PFOSA	IS	27.7	50 - 150	H	B8I0206	01-Oct-18	0.117 L	07-Oct-18 16:55	1
13C8-PFOS	IS	91.3	50 - 150		B8I0206	01-Oct-18	0.117 L	07-Oct-18 16:55	1
13C2-PFDA	IS	74.2	50 - 150		B8I0206	01-Oct-18	0.117 L	07-Oct-18 16:55	1
13C2-8:2 FTS	IS	87.7	50 - 150		B8I0206	01-Oct-18	0.117 L	07-Oct-18 16:55	1
d3-MeFOSAA	IS	68.9	50 - 150		B8I0206	01-Oct-18	0.117 L	07-Oct-18 16:55	1
d5-EtFOSAA	IS	73.0	50 - 150		B8I0206	01-Oct-18	0.117 L	07-Oct-18 16:55	1
13C2-PFUnA	IS	78.4	50 - 150		B8I0206	01-Oct-18	0.117 L	07-Oct-18 16:55	1

Sample ID: BPSI-TT-MW314S-20180919 **PFAS Isotope Dilution Method**

Client Data

Name: Tetra Tech
Project: Bethpage
Matrix: Groundwater
Date Collected: 19-Sep-18 14:40

Laboratory Data

Lab Sample: 1803120-14
Date Received: 21-Sep-18 09:09
Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFDoA	IS	86.5	50 - 150		B8I0206	01-Oct-18	0.117 L	07-Oct-18 16:55	1
13C2-PFTeDA	IS	104	50 - 150		B8I0206	01-Oct-18	0.117 L	07-Oct-18 16:55	1

DL - Detection Limit
LOD - Limit of Detection
LOQ - Limit of quantitation

Results reported to the DL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: BPSI-TT-MW314D-20180919

PFAS Isotope Dilution Method

Client Data

Name: Tetra Tech
Project: Bethpage
Matrix: Groundwater
Date Collected: 19-Sep-18 16:20

Laboratory Data

Lab Sample: 1803120-15
Date Received: 21-Sep-18 09:09
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	14.2	2.87	5.25	8.38		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:06	1
PFPeA	2706-90-3	44.7	2.87	5.25	8.38		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:06	1
PFBS	375-73-5	ND	2.87	5.25	8.38	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:06	1
PFHxA	307-24-4	28.9	2.87	5.25	8.38		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:06	1
PFHpA	375-85-9	15.9	2.87	5.25	8.38		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:06	1
PFHxS	355-46-4	3.43	2.87	5.25	8.38	J	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:06	1
6:2 FTS	27619-97-2	ND	2.87	5.25	8.38	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:06	1
PFOA	335-67-1	14.8	2.87	5.25	8.38		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:06	1
PFHpS	375-92-8	ND	2.87	5.25	8.38	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:06	1
PFNA	375-95-1	8.11	2.87	5.25	8.38	J	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:06	1
PFOSA	754-91-6	ND	2.87	5.25	8.38	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:06	1
PFOS	1763-23-1	9.72	2.87	5.25	8.38		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:06	1
PFDA	335-76-2	ND	2.87	5.25	8.38	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:06	1
8:2 FTS	39108-34-4	ND	2.87	5.25	8.38	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:06	1
MeFOSAA	2355-31-9	ND	2.87	5.25	8.38	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:06	1
EtFOSAA	2991-50-6	ND	2.87	5.25	8.38	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:06	1
PFUnA	2058-94-8	ND	2.87	5.25	8.38	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:06	1
PFDS	335-77-3	ND	2.87	5.25	8.38	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:06	1
PFDoA	307-55-1	ND	2.87	5.25	8.38	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:06	1
PFTrDA	72629-94-8	ND	2.87	5.25	8.38	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:06	1
PFTeDA	376-06-7	ND	2.87	5.25	8.38	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:06	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	95.9	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:06	1
13C3-PFPeA	IS	86.5	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:06	1
13C3-PFBS	IS	91.8	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:06	1
13C2-PFHxA	IS	90.0	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:06	1
13C4-PFHpA	IS	112	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:06	1
18O2-PFHxS	IS	88.9	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:06	1
13C2-6:2 FTS	IS	91.5	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:06	1
13C2-PFOA	IS	93.9	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:06	1
13C5-PFNA	IS	79.5	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:06	1
13C8-PFOSA	IS	12.0	50 - 150	H	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:06	1
13C8-PFOS	IS	91.6	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:06	1
13C2-PFDA	IS	69.1	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:06	1
13C2-8:2 FTS	IS	84.3	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:06	1
d3-MeFOSAA	IS	66.3	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:06	1
d5-EtFOSAA	IS	75.0	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:06	1
13C2-PFUnA	IS	81.0	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:06	1

Sample ID: BPSI-TT-MW314D-20180919

PFAS Isotope Dilution Method

Client Data

Name: Tetra Tech
Project: Bethpage
Matrix: Groundwater
Date Collected: 19-Sep-18 16:20

Laboratory Data

Lab Sample: 1803120-15
Date Received: 21-Sep-18 09:09
Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFDoA	IS	84.9	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:06	1
13C2-PFTeDA	IS	105	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:06	1

DL - Detection Limit
LOD - Limit of Detection
LOQ - Limit of quantitation

Results reported to the DL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: BP-TT-EB03-20180919

PFAS Isotope Dilution Method

Client Data

Name: Tetra Tech
Project: Bethpage
Matrix: Aqueous
Date Collected: 19-Sep-18 15:00

Laboratory Data

Lab Sample: 1803120-16
Date Received: 21-Sep-18 09:09
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:16	1
PFPeA	2706-90-3	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:16	1
PFBS	375-73-5	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:16	1
PFHxA	307-24-4	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:16	1
PFHpA	375-85-9	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:16	1
PFHxS	355-46-4	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:16	1
6:2 FTS	27619-97-2	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:16	1
PFOA	335-67-1	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:16	1
PFHpS	375-92-8	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:16	1
PFNA	375-95-1	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:16	1
PFOSA	754-91-6	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:16	1
PFOS	1763-23-1	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:16	1
PFDA	335-76-2	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:16	1
8:2 FTS	39108-34-4	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:16	1
MeFOSAA	2355-31-9	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:16	1
EtFOSAA	2991-50-6	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:16	1
PFUnA	2058-94-8	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:16	1
PFDS	335-77-3	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:16	1
PFDoA	307-55-1	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:16	1
PFTrDA	72629-94-8	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:16	1
PFTeDA	376-06-7	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:16	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	94.7	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:16	1
13C3-PFPeA	IS	83.2	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:16	1
13C3-PFBS	IS	91.4	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:16	1
13C2-PFHxA	IS	91.4	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:16	1
13C4-PFHpA	IS	105	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:16	1
18O2-PFHxS	IS	84.2	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:16	1
13C2-6:2 FTS	IS	95.1	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:16	1
13C2-PFOA	IS	91.3	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:16	1
13C5-PFNA	IS	80.4	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:16	1
13C8-PFOSA	IS	14.8	50 - 150	H	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:16	1
13C8-PFOS	IS	96.9	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:16	1
13C2-PFDA	IS	68.7	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:16	1
13C2-8:2 FTS	IS	91.8	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:16	1
d3-MeFOSAA	IS	63.6	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:16	1
d5-EtFOSAA	IS	65.0	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:16	1
13C2-PFUnA	IS	73.5	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:16	1

Sample ID: BP-TT-EB03-20180919

PFAS Isotope Dilution Method

Client Data

Name: Tetra Tech
Project: Bethpage
Matrix: Aqueous
Date Collected: 19-Sep-18 15:00

Laboratory Data

Lab Sample: 1803120-16
Date Received: 21-Sep-18 09:09
Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFDoA	IS	77.9	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:16	1
13C2-PFTeDA	IS	95.4	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:16	1

DL - Detection Limit
LOD - Limit of Detection
LOQ - Limit of quantitation

Results reported to the DL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: BPSI-TT-MW313S-2018020

PFAS Isotope Dilution Method

Client Data

Name: Tetra Tech
Project: Bethpage
Matrix: Groundwater
Date Collected: 20-Sep-18 09:45

Laboratory Data

Lab Sample: 1803120-17
Date Received: 21-Sep-18 09:09
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	17.5	2.97	5.43	8.67		B8I0206	01-Oct-18	0.115 L	07-Oct-18 17:33	1
PFPeA	2706-90-3	44.4	2.97	5.43	8.67		B8I0206	01-Oct-18	0.115 L	07-Oct-18 17:33	1
PFBS	375-73-5	ND	2.97	5.43	8.67	U	B8I0206	01-Oct-18	0.115 L	07-Oct-18 17:33	1
PFHxA	307-24-4	27.5	2.97	5.43	8.67		B8I0206	01-Oct-18	0.115 L	07-Oct-18 17:33	1
PFHpA	375-85-9	18.2	2.97	5.43	8.67		B8I0206	01-Oct-18	0.115 L	07-Oct-18 17:33	1
PFHxS	355-46-4	ND	2.97	5.43	8.67	U	B8I0206	01-Oct-18	0.115 L	07-Oct-18 17:33	1
6:2 FTS	27619-97-2	ND	2.97	5.43	8.67	U	B8I0206	01-Oct-18	0.115 L	07-Oct-18 17:33	1
PFOA	335-67-1	7.98	2.97	5.43	8.67	J	B8I0206	01-Oct-18	0.115 L	07-Oct-18 17:33	1
PFHpS	375-92-8	ND	2.97	5.43	8.67	U	B8I0206	01-Oct-18	0.115 L	07-Oct-18 17:33	1
PFNA	375-95-1	3.87	2.97	5.43	8.67	J	B8I0206	01-Oct-18	0.115 L	07-Oct-18 17:33	1
PFOSA	754-91-6	ND	2.97	5.43	8.67	U	B8I0206	01-Oct-18	0.115 L	07-Oct-18 17:33	1
PFOS	1763-23-1	5.77	2.97	5.43	8.67	J	B8I0206	01-Oct-18	0.115 L	07-Oct-18 17:33	1
PFDA	335-76-2	ND	2.97	5.43	8.67	U	B8I0206	01-Oct-18	0.115 L	07-Oct-18 17:33	1
8:2 FTS	39108-34-4	ND	2.97	5.43	8.67	U	B8I0206	01-Oct-18	0.115 L	07-Oct-18 17:33	1
MeFOSAA	2355-31-9	ND	2.97	5.43	8.67	U	B8I0206	01-Oct-18	0.115 L	07-Oct-18 17:33	1
EtFOSAA	2991-50-6	ND	2.97	5.43	8.67	U	B8I0206	01-Oct-18	0.115 L	07-Oct-18 17:33	1
PFUnA	2058-94-8	ND	2.97	5.43	8.67	U	B8I0206	01-Oct-18	0.115 L	07-Oct-18 17:33	1
PFDS	335-77-3	ND	2.97	5.43	8.67	U	B8I0206	01-Oct-18	0.115 L	07-Oct-18 17:33	1
PFDoA	307-55-1	ND	2.97	5.43	8.67	U	B8I0206	01-Oct-18	0.115 L	07-Oct-18 17:33	1
PFTrDA	72629-94-8	ND	2.97	5.43	8.67	U	B8I0206	01-Oct-18	0.115 L	07-Oct-18 17:33	1
PFTeDA	376-06-7	ND	2.97	5.43	8.67	U	B8I0206	01-Oct-18	0.115 L	07-Oct-18 17:33	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	94.5	50 - 150		B8I0206	01-Oct-18	0.115 L	07-Oct-18 17:33	1
13C3-PFPeA	IS	85.7	50 - 150		B8I0206	01-Oct-18	0.115 L	07-Oct-18 17:33	1
13C3-PFBS	IS	89.8	50 - 150		B8I0206	01-Oct-18	0.115 L	07-Oct-18 17:33	1
13C2-PFHxA	IS	92.7	50 - 150		B8I0206	01-Oct-18	0.115 L	07-Oct-18 17:33	1
13C4-PFHpA	IS	102	50 - 150		B8I0206	01-Oct-18	0.115 L	07-Oct-18 17:33	1
18O2-PFHxS	IS	84.2	50 - 150		B8I0206	01-Oct-18	0.115 L	07-Oct-18 17:33	1
13C2-6:2 FTS	IS	82.3	50 - 150		B8I0206	01-Oct-18	0.115 L	07-Oct-18 17:33	1
13C2-PFOA	IS	91.5	50 - 150		B8I0206	01-Oct-18	0.115 L	07-Oct-18 17:33	1
13C5-PFNA	IS	79.7	50 - 150		B8I0206	01-Oct-18	0.115 L	07-Oct-18 17:33	1
13C8-PFOSA	IS	11.9	50 - 150	H	B8I0206	01-Oct-18	0.115 L	07-Oct-18 17:33	1
13C8-PFOS	IS	89.2	50 - 150		B8I0206	01-Oct-18	0.115 L	07-Oct-18 17:33	1
13C2-PFDA	IS	68.4	50 - 150		B8I0206	01-Oct-18	0.115 L	07-Oct-18 17:33	1
13C2-8:2 FTS	IS	92.7	50 - 150		B8I0206	01-Oct-18	0.115 L	07-Oct-18 17:33	1
d3-MeFOSAA	IS	61.2	50 - 150		B8I0206	01-Oct-18	0.115 L	07-Oct-18 17:33	1
d5-EtFOSAA	IS	67.2	50 - 150		B8I0206	01-Oct-18	0.115 L	07-Oct-18 17:33	1
13C2-PFUnA	IS	77.3	50 - 150		B8I0206	01-Oct-18	0.115 L	07-Oct-18 17:33	1

Sample ID: BPSI-TT-MW313S-2018020

PFAS Isotope Dilution Method

Client Data

Name: Tetra Tech
Project: Bethpage
Matrix: Groundwater
Date Collected: 20-Sep-18 09:45

Laboratory Data

Lab Sample: 1803120-17
Date Received: 21-Sep-18 09:09
Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFDoA	IS	84.8	50 - 150		B8I0206	01-Oct-18	0.115 L	07-Oct-18 17:33	1
13C2-PFTeDA	IS	105	50 - 150		B8I0206	01-Oct-18	0.115 L	07-Oct-18 17:33	1

DL - Detection Limit
LOD - Limit of Detection
LOQ - Limit of quantitation

Results reported to the DL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: BB-TT-DUP06-20180920

PFAS Isotope Dilution Method

Client Data

Name: Tetra Tech
Project: Bethpage
Matrix: Groundwater
Date Collected: 20-Sep-18 12:00

Laboratory Data

Lab Sample: 1803120-18
Date Received: 21-Sep-18 09:09
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	17.5	2.87	5.25	8.37		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:43	1
PFPeA	2706-90-3	44.5	2.87	5.25	8.37		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:43	1
PFBS	375-73-5	ND	2.87	5.25	8.37	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:43	1
PFHxA	307-24-4	27.7	2.87	5.25	8.37		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:43	1
PFHpA	375-85-9	18.5	2.87	5.25	8.37		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:43	1
PFHxS	355-46-4	ND	2.87	5.25	8.37	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:43	1
6:2 FTS	27619-97-2	ND	2.87	5.25	8.37	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:43	1
PFOA	335-67-1	7.40	2.87	5.25	8.37	J	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:43	1
PFHpS	375-92-8	ND	2.87	5.25	8.37	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:43	1
PFNA	375-95-1	3.75	2.87	5.25	8.37	J	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:43	1
PFOSA	754-91-6	ND	2.87	5.25	8.37	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:43	1
PFOS	1763-23-1	6.27	2.87	5.25	8.37	J	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:43	1
PFDA	335-76-2	ND	2.87	5.25	8.37	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:43	1
8:2 FTS	39108-34-4	ND	2.87	5.25	8.37	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:43	1
MeFOSAA	2355-31-9	ND	2.87	5.25	8.37	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:43	1
EtFOSAA	2991-50-6	ND	2.87	5.25	8.37	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:43	1
PFUnA	2058-94-8	ND	2.87	5.25	8.37	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:43	1
PFDS	335-77-3	ND	2.87	5.25	8.37	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:43	1
PFDoA	307-55-1	ND	2.87	5.25	8.37	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:43	1
PFTrDA	72629-94-8	ND	2.87	5.25	8.37	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:43	1
PFTeDA	376-06-7	ND	2.87	5.25	8.37	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:43	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	95.5	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:43	1
13C3-PFPeA	IS	84.1	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:43	1
13C3-PFBS	IS	92.8	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:43	1
13C2-PFHxA	IS	92.3	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:43	1
13C4-PFHpA	IS	103	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:43	1
18O2-PFHxS	IS	85.5	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:43	1
13C2-6:2 FTS	IS	65.9	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:43	1
13C2-PFOA	IS	93.0	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:43	1
13C5-PFNA	IS	78.3	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:43	1
13C8-PFOSA	IS	10.3	50 - 150	H	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:43	1
13C8-PFOS	IS	92.7	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:43	1
13C2-PFDA	IS	63.2	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:43	1
13C2-8:2 FTS	IS	73.6	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:43	1
d3-MeFOSAA	IS	53.2	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:43	1
d5-EtFOSAA	IS	56.4	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:43	1
13C2-PFUnA	IS	72.1	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:43	1

Sample ID: BB-TT-DUP06-20180920

PFAS Isotope Dilution Method

Client Data

Name: Tetra Tech
Project: Bethpage
Matrix: Groundwater
Date Collected: 20-Sep-18 12:00

Laboratory Data

Lab Sample: 1803120-18
Date Received: 21-Sep-18 09:09
Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFDoA	IS	80.4	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:43	1
13C2-PFTeDA	IS	105	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:43	1

DL - Detection Limit
LOD - Limit of Detection
LOQ - Limit of quantitation

Results reported to the DL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: BPSI-TT-MW307D-2018020

PFAS Isotope Dilution Method

Client Data

Name: Tetra Tech
Project: Bethpage
Matrix: Groundwater
Date Collected: 20-Sep-18 15:20

Laboratory Data

Lab Sample: 1803120-19
Date Received: 21-Sep-18 09:09
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	4.06	2.87	5.25	8.39	J	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:54	1
PFPeA	2706-90-3	9.74	2.87	5.25	8.39		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:54	1
PFBS	375-73-5	ND	2.87	5.25	8.39	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:54	1
PFHxA	307-24-4	6.36	2.87	5.25	8.39	J	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:54	1
PFHpA	375-85-9	5.09	2.87	5.25	8.39	J, Q	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:54	1
PFHxS	355-46-4	ND	2.87	5.25	8.39	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:54	1
6:2 FTS	27619-97-2	ND	2.87	5.25	8.39	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:54	1
PFOA	335-67-1	8.89	2.87	5.25	8.39		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:54	1
PFHpS	375-92-8	ND	2.87	5.25	8.39	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:54	1
PFNA	375-95-1	3.33	2.87	5.25	8.39	J	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:54	1
PFOSA	754-91-6	ND	2.87	5.25	8.39	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:54	1
PFOS	1763-23-1	7.15	2.87	5.25	8.39	J, Q	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:54	1
PFDA	335-76-2	3.09	2.87	5.25	8.39	J	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:54	1
8:2 FTS	39108-34-4	ND	2.87	5.25	8.39	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:54	1
MeFOSAA	2355-31-9	ND	2.87	5.25	8.39	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:54	1
EtFOSAA	2991-50-6	ND	2.87	5.25	8.39	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:54	1
PFUnA	2058-94-8	ND	2.87	5.25	8.39	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:54	1
PFDS	335-77-3	ND	2.87	5.25	8.39	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:54	1
PFDoA	307-55-1	ND	2.87	5.25	8.39	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:54	1
PFTrDA	72629-94-8	ND	2.87	5.25	8.39	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:54	1
PFTeDA	376-06-7	ND	2.87	5.25	8.39	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:54	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	98.2	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:54	1
13C3-PFPeA	IS	90.9	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:54	1
13C3-PFBS	IS	92.1	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:54	1
13C2-PFHxA	IS	97.3	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:54	1
13C4-PFHpA	IS	104	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:54	1
18O2-PFHxS	IS	85.8	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:54	1
13C2-6:2 FTS	IS	64.2	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:54	1
13C2-PFOA	IS	96.6	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:54	1
13C5-PFNA	IS	84.3	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:54	1
13C8-PFOSA	IS	10.2	50 - 150	H	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:54	1
13C8-PFOS	IS	92.9	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:54	1
13C2-PFDA	IS	71.2	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:54	1
13C2-8:2 FTS	IS	71.4	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:54	1
d3-MeFOSAA	IS	55.6	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:54	1
d5-EtFOSAA	IS	59.3	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:54	1
13C2-PFUnA	IS	76.8	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:54	1

Sample ID: BPSI-TT-MW307D-2018020

PFAS Isotope Dilution Method

Client Data

Name: Tetra Tech
Project: Bethpage
Matrix: Groundwater
Date Collected: 20-Sep-18 15:20

Laboratory Data

Lab Sample: 1803120-19
Date Received: 21-Sep-18 09:09
Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFDoA	IS	94.0	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:54	1
13C2-PFTeDA	IS	105	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:54	1

DL - Detection Limit
LOD - Limit of Detection
LOQ - Limit of quantitation

Results reported to the DL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Appendix C

Support Documents

A. Documents Supporting Qualifications

Sample ID: BPSI-TT-MW301S-20180918

PFAS Isotope Dilution Method

Client Data

Name: Tetra Tech
Project: Bethpage
Matrix: Groundwater
Date Collected: 18-Sep-18 10:45

Laboratory Data

Lab Sample: 1803120-01
Date Received: 21-Sep-18 09:09
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	4.12	3.04	5.53	8.89	J	B8I0206	01-Oct-18	0.113 L	07-Oct-18 14:16	1
PFPeA	2706-90-3	4.16	3.04	5.53	8.89	J	B8I0206	01-Oct-18	0.113 L	07-Oct-18 14:16	1
PFBS	375-73-5	ND	3.04	5.53	8.89	U	B8I0206	01-Oct-18	0.113 L	07-Oct-18 14:16	1
PFHxA	307-24-4	3.74	3.04	5.53	8.89	J	B8I0206	01-Oct-18	0.113 L	07-Oct-18 14:16	1
PFHpA	375-85-9	ND	3.04	5.53	8.89	U	B8I0206	01-Oct-18	0.113 L	07-Oct-18 14:16	1
PFHxS	355-46-4	ND	3.04	5.53	8.89	U	B8I0206	01-Oct-18	0.113 L	07-Oct-18 14:16	1
6:2 FTS	27619-97-2	ND	3.04	5.53	8.89	U	B8I0206	01-Oct-18	0.113 L	07-Oct-18 14:16	1
PFOA	335-67-1	ND	3.04	5.53	8.89	U	B8I0206	01-Oct-18	0.113 L	07-Oct-18 14:16	1
PFHpS	375-92-8	ND	3.04	5.53	8.89	U	B8I0206	01-Oct-18	0.113 L	07-Oct-18 14:16	1
PFNA	375-95-1	ND	3.04	5.53	8.89	U	B8I0206	01-Oct-18	0.113 L	07-Oct-18 14:16	1
PFOSA	754-91-6	ND	3.04	5.53	8.89	U	B8I0206	01-Oct-18	0.113 L	07-Oct-18 14:16	1
PFOS	1763-23-1	ND	3.04	5.53	8.89	U	B8I0206	01-Oct-18	0.113 L	07-Oct-18 14:16	1
PFDA	335-76-2	ND	3.04	5.53	8.89	U	B8I0206	01-Oct-18	0.113 L	07-Oct-18 14:16	1
8:2 FTS	39108-34-4	ND	3.04	5.53	8.89	U	B8I0206	01-Oct-18	0.113 L	07-Oct-18 14:16	1
MeFOSAA	2355-31-9	ND	3.04	5.53	8.89	U	B8I0206	01-Oct-18	0.113 L	07-Oct-18 14:16	1
EtFOSAA	2991-50-6	ND	3.04	5.53	8.89	U	B8I0206	01-Oct-18	0.113 L	07-Oct-18 14:16	1
PFUnA	2058-94-8	ND	3.04	5.53	8.89	U	B8I0206	01-Oct-18	0.113 L	07-Oct-18 14:16	1
PFDS	335-77-3	ND	3.04	5.53	8.89	U	B8I0206	01-Oct-18	0.113 L	07-Oct-18 14:16	1
PFDoA	307-55-1	ND	3.04	5.53	8.89	U	B8I0206	01-Oct-18	0.113 L	07-Oct-18 14:16	1
PFTrDA	72629-94-8	ND	3.04	5.53	8.89	U	B8I0206	01-Oct-18	0.113 L	07-Oct-18 14:16	1
PFTeDA	376-06-7	ND	3.04	5.53	8.89	U	B8I0206	01-Oct-18	0.113 L	07-Oct-18 14:16	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	98.7	50 - 150		B8I0206	01-Oct-18	0.113 L	07-Oct-18 14:16	1
13C3-PFPeA	IS	90.0	50 - 150		B8I0206	01-Oct-18	0.113 L	07-Oct-18 14:16	1
13C3-PFBS	IS	96.8	50 - 150		B8I0206	01-Oct-18	0.113 L	07-Oct-18 14:16	1
13C2-PFHxA	IS	91.5	50 - 150		B8I0206	01-Oct-18	0.113 L	07-Oct-18 14:16	1
13C4-PFHpA	IS	104	50 - 150		B8I0206	01-Oct-18	0.113 L	07-Oct-18 14:16	1
18O2-PFHxS	IS	109	50 - 150		B8I0206	01-Oct-18	0.113 L	07-Oct-18 14:16	1
13C2-6:2 FTS	IS	96.4	50 - 150		B8I0206	01-Oct-18	0.113 L	07-Oct-18 14:16	1
13C2-PFOA	IS	95.0	50 - 150		B8I0206	01-Oct-18	0.113 L	07-Oct-18 14:16	1
13C5-PFNA	IS	85.9	50 - 150		B8I0206	01-Oct-18	0.113 L	07-Oct-18 14:16	1
13C8-PFOSA	IS	15.4	50 - 150	H	B8I0206	01-Oct-18	0.113 L	07-Oct-18 14:16	1
13C8-PFOS	IS	98.4	50 - 150		B8I0206	01-Oct-18	0.113 L	07-Oct-18 14:16	1
13C2-PFDA	IS	75.7	50 - 150		B8I0206	01-Oct-18	0.113 L	07-Oct-18 14:16	1
13C2-8:2 FTS	IS	91.5	50 - 150		B8I0206	01-Oct-18	0.113 L	07-Oct-18 14:16	1
d3-MeFOSAA	IS	70.1	50 - 150		B8I0206	01-Oct-18	0.113 L	07-Oct-18 14:16	1
d5-EtFOSAA	IS	79.2	50 - 150		B8I0206	01-Oct-18	0.113 L	07-Oct-18 14:16	1
13C2-PFUnA	IS	81.2	50 - 150		B8I0206	01-Oct-18	0.113 L	07-Oct-18 14:16	1

Sample ID: BB-TT-DUP05-20180918

PFAS Isotope Dilution Method

Client Data

Name: Tetra Tech
Project: Bethpage
Matrix: QC Water
Date Collected: 18-Sep-18 12:00

Laboratory Data

Lab Sample: 1803120-02
Date Received: 21-Sep-18 09:09
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	4.57	2.88	5.25	8.42	J	B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:26	1
PFPeA	2706-90-3	3.85	2.88	5.25	8.42	J	B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:26	1
PFBS	375-73-5	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:26	1
PFHxA	307-24-4	3.85	2.88	5.25	8.42	J	B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:26	1
PFHpA	375-85-9	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:26	1
PFHxS	355-46-4	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:26	1
6:2 FTS	27619-97-2	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:26	1
PFOA	335-67-1	3.32	2.88	5.25	8.42	J	B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:26	1
PFHpS	375-92-8	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:26	1
PFNA	375-95-1	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:26	1
PFOSA	754-91-6	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:26	1
PFOS	1763-23-1	2.91	2.88	5.25	8.42	J	B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:26	1
PFDA	335-76-2	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:26	1
8:2 FTS	39108-34-4	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:26	1
MeFOSAA	2355-31-9	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:26	1
EtFOSAA	2991-50-6	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:26	1
PFUnA	2058-94-8	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:26	1
PFDS	335-77-3	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:26	1
PFDoA	307-55-1	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:26	1
PFTrDA	72629-94-8	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:26	1
PFTeDA	376-06-7	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:26	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	96.9	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:26	1
13C3-PFPeA	IS	89.0	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:26	1
13C3-PFBS	IS	89.9	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:26	1
13C2-PFHxA	IS	97.1	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:26	1
13C4-PFHpA	IS	105	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:26	1
18O2-PFHxS	IS	96.8	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:26	1
13C2-6:2 FTS	IS	93.5	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:26	1
13C2-PFOA	IS	91.3	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:26	1
13C5-PFNA	IS	73.2	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:26	1
13C8-PFOSA	IS	11.5	50 - 150	H	B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:26	1
13C8-PFOS	IS	93.7	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:26	1
13C2-PFDA	IS	63.9	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:26	1
13C2-8:2 FTS	IS	87.2	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:26	1
d3-MeFOSAA	IS	64.7	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:26	1
d5-EtFOSAA	IS	70.9	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:26	1
13C2-PFUnA	IS	67.5	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:26	1

Sample ID: BP-HN-MW27I-20180918

PFAS Isotope Dilution Method

Client Data

Name: Tetra Tech
Project: Bethpage
Matrix: Groundwater
Date Collected: 18-Sep-18 08:55

Laboratory Data

Lab Sample: 1803120-03
Date Received: 21-Sep-18 09:09
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	4.85	2.99	5.48	8.74	J	B8I0206	01-Oct-18	0.114 L	07-Oct-18 14:37	1
PFPeA	2706-90-3	5.31	2.99	5.48	8.74	J	B8I0206	01-Oct-18	0.114 L	07-Oct-18 14:37	1
PFBS	375-73-5	ND	2.99	5.48	8.74	U	B8I0206	01-Oct-18	0.114 L	07-Oct-18 14:37	1
PFHxA	307-24-4	4.68	2.99	5.48	8.74	J	B8I0206	01-Oct-18	0.114 L	07-Oct-18 14:37	1
PFHpA	375-85-9	3.24	2.99	5.48	8.74	J, Q	B8I0206	01-Oct-18	0.114 L	07-Oct-18 14:37	1
PFHxS	355-46-4	ND	2.99	5.48	8.74	U	B8I0206	01-Oct-18	0.114 L	07-Oct-18 14:37	1
6:2 FTS	27619-97-2	ND	2.99	5.48	8.74	U	B8I0206	01-Oct-18	0.114 L	07-Oct-18 14:37	1
PFOA	335-67-1	4.09	2.99	5.48	8.74	J	B8I0206	01-Oct-18	0.114 L	07-Oct-18 14:37	1
PFHpS	375-92-8	ND	2.99	5.48	8.74	U	B8I0206	01-Oct-18	0.114 L	07-Oct-18 14:37	1
PFNA	375-95-1	ND	2.99	5.48	8.74	U	B8I0206	01-Oct-18	0.114 L	07-Oct-18 14:37	1
PFOSA	754-91-6	ND	2.99	5.48	8.74	U	B8I0206	01-Oct-18	0.114 L	07-Oct-18 14:37	1
PFOS	1763-23-1	ND	2.99	5.48	8.74	U	B8I0206	01-Oct-18	0.114 L	07-Oct-18 14:37	1
PFDA	335-76-2	ND	2.99	5.48	8.74	U	B8I0206	01-Oct-18	0.114 L	07-Oct-18 14:37	1
8:2 FTS	39108-34-4	ND	2.99	5.48	8.74	U	B8I0206	01-Oct-18	0.114 L	07-Oct-18 14:37	1
MeFOSAA	2355-31-9	ND	2.99	5.48	8.74	U	B8I0206	01-Oct-18	0.114 L	07-Oct-18 14:37	1
EtFOSAA	2991-50-6	ND	2.99	5.48	8.74	U	B8I0206	01-Oct-18	0.114 L	07-Oct-18 14:37	1
PFUnA	2058-94-8	3.26	2.99	5.48	8.74	J, Q	B8I0206	01-Oct-18	0.114 L	07-Oct-18 14:37	1
PFDS	335-77-3	ND	2.99	5.48	8.74	U	B8I0206	01-Oct-18	0.114 L	07-Oct-18 14:37	1
PFDoA	307-55-1	ND	2.99	5.48	8.74	U	B8I0206	01-Oct-18	0.114 L	07-Oct-18 14:37	1
PFTrDA	72629-94-8	ND	2.99	5.48	8.74	U	B8I0206	01-Oct-18	0.114 L	07-Oct-18 14:37	1
PFTeDA	376-06-7	ND	2.99	5.48	8.74	U	B8I0206	01-Oct-18	0.114 L	07-Oct-18 14:37	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	97.1	50 - 150		B8I0206	01-Oct-18	0.114 L	07-Oct-18 14:37	1
13C3-PFPeA	IS	86.2	50 - 150		B8I0206	01-Oct-18	0.114 L	07-Oct-18 14:37	1
13C3-PFBS	IS	94.0	50 - 150		B8I0206	01-Oct-18	0.114 L	07-Oct-18 14:37	1
13C2-PFHxA	IS	93.5	50 - 150		B8I0206	01-Oct-18	0.114 L	07-Oct-18 14:37	1
13C4-PFHpA	IS	105	50 - 150		B8I0206	01-Oct-18	0.114 L	07-Oct-18 14:37	1
18O2-PFHxS	IS	100	50 - 150		B8I0206	01-Oct-18	0.114 L	07-Oct-18 14:37	1
13C2-6:2 FTS	IS	93.8	50 - 150		B8I0206	01-Oct-18	0.114 L	07-Oct-18 14:37	1
13C2-PFOA	IS	91.9	50 - 150		B8I0206	01-Oct-18	0.114 L	07-Oct-18 14:37	1
13C5-PFNA	IS	75.2	50 - 150		B8I0206	01-Oct-18	0.114 L	07-Oct-18 14:37	1
13C8-PFOSA	IS	10.6	50 - 150	H	B8I0206	01-Oct-18	0.114 L	07-Oct-18 14:37	1
13C8-PFOS	IS	93.6	50 - 150		B8I0206	01-Oct-18	0.114 L	07-Oct-18 14:37	1
13C2-PFDA	IS	67.9	50 - 150		B8I0206	01-Oct-18	0.114 L	07-Oct-18 14:37	1
13C2-8:2 FTS	IS	89.5	50 - 150		B8I0206	01-Oct-18	0.114 L	07-Oct-18 14:37	1
d3-MeFOSAA	IS	65.9	50 - 150		B8I0206	01-Oct-18	0.114 L	07-Oct-18 14:37	1
d5-EtFOSAA	IS	71.1	50 - 150		B8I0206	01-Oct-18	0.114 L	07-Oct-18 14:37	1
13C2-PFUnA	IS	73.4	50 - 150		B8I0206	01-Oct-18	0.114 L	07-Oct-18 14:37	1

Sample ID: BPSI-TT-MW301D-20180918

PFAS Isotope Dilution Method

Client Data

Name: Tetra Tech
Project: Bethpage
Matrix: Groundwater
Date Collected: 18-Sep-18 12:10

Laboratory Data

Lab Sample: 1803120-04
Date Received: 21-Sep-18 09:09
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	13.3	2.88	5.25	8.42		B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:48	1
PFPeA	2706-90-3	36.6	2.88	5.25	8.42		B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:48	1
PFBS	375-73-5	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:48	1
PFHxA	307-24-4	25.3	2.88	5.25	8.42		B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:48	1
PFHpA	375-85-9	15.3	2.88	5.25	8.42		B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:48	1
PFHxS	355-46-4	3.91	2.88	5.25	8.42	J	B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:48	1
6:2 FTS	27619-97-2	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:48	1
PFOA	335-67-1	13.9	2.88	5.25	8.42		B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:48	1
PFHpS	375-92-8	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:48	1
PFNA	375-95-1	7.92	2.88	5.25	8.42	J	B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:48	1
PFOSA	754-91-6	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:48	1
PFOS	1763-23-1	10.1	2.88	5.25	8.42		B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:48	1
PFDA	335-76-2	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:48	1
8:2 FTS	39108-34-4	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:48	1
MeFOSAA	2355-31-9	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:48	1
EtFOSAA	2991-50-6	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:48	1
PFUnA	2058-94-8	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:48	1
PFDS	335-77-3	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:48	1
PFDoA	307-55-1	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:48	1
PFTrDA	72629-94-8	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:48	1
PFTeDA	376-06-7	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:48	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	94.1	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:48	1
13C3-PFPeA	IS	88.0	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:48	1
13C3-PFBS	IS	90.9	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:48	1
13C2-PFHxA	IS	90.4	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:48	1
13C4-PFHpA	IS	102	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:48	1
18O2-PFHxS	IS	98.4	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:48	1
13C2-6:2 FTS	IS	92.5	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:48	1
13C2-PFOA	IS	87.0	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:48	1
13C5-PFNA	IS	78.4	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:48	1
13C8-PFOSA	IS	15.9	50 - 150	H	B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:48	1
13C8-PFOS	IS	90.0	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:48	1
13C2-PFDA	IS	71.0	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:48	1
13C2-8:2 FTS	IS	90.2	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:48	1
d3-MeFOSAA	IS	62.3	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:48	1
d5-EtFOSAA	IS	66.0	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:48	1
13C2-PFUnA	IS	79.8	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 14:48	1

Sample ID: BPSI-TT-MW301I-20180918

PFAS Isotope Dilution Method

Client Data

Name: Tetra Tech
Project: Bethpage
Matrix: Groundwater
Date Collected: 18-Sep-18 10:40

Laboratory Data

Lab Sample: 1803120-05
Date Received: 21-Sep-18 09:09
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	3.69	2.91	5.30	8.50	J	B8I0206	01-Oct-18	0.118 L	07-Oct-18 14:58	1
PFPeA	2706-90-3	3.65	2.91	5.30	8.50	J	B8I0206	01-Oct-18	0.118 L	07-Oct-18 14:58	1
PFBS	375-73-5	ND	2.91	5.30	8.50	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 14:58	1
PFHxA	307-24-4	3.80	2.91	5.30	8.50	J	B8I0206	01-Oct-18	0.118 L	07-Oct-18 14:58	1
PFHpA	375-85-9	2.98	2.91	5.30	8.50	J, Q	B8I0206	01-Oct-18	0.118 L	07-Oct-18 14:58	1
PFHxS	355-46-4	ND	2.91	5.30	8.50	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 14:58	1
6:2 FTS	27619-97-2	ND	2.91	5.30	8.50	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 14:58	1
PFOA	335-67-1	ND	2.91	5.30	8.50	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 14:58	1
PFHpS	375-92-8	ND	2.91	5.30	8.50	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 14:58	1
PFNA	375-95-1	ND	2.91	5.30	8.50	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 14:58	1
PFOSA	754-91-6	ND	2.91	5.30	8.50	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 14:58	1
PFOS	1763-23-1	ND	2.91	5.30	8.50	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 14:58	1
PFDA	335-76-2	ND	2.91	5.30	8.50	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 14:58	1
8:2 FTS	39108-34-4	ND	2.91	5.30	8.50	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 14:58	1
MeFOSAA	2355-31-9	ND	2.91	5.30	8.50	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 14:58	1
EtFOSAA	2991-50-6	ND	2.91	5.30	8.50	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 14:58	1
PFUnA	2058-94-8	ND	2.91	5.30	8.50	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 14:58	1
PFDS	335-77-3	ND	2.91	5.30	8.50	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 14:58	1
PFDoA	307-55-1	ND	2.91	5.30	8.50	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 14:58	1
PFTrDA	72629-94-8	ND	2.91	5.30	8.50	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 14:58	1
PFTeDA	376-06-7	ND	2.91	5.30	8.50	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 14:58	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	97.1	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 14:58	1
13C3-PFPeA	IS	88.8	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 14:58	1
13C3-PFBS	IS	90.2	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 14:58	1
13C2-PFHxA	IS	94.0	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 14:58	1
13C4-PFHpA	IS	107	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 14:58	1
18O2-PFHxS	IS	98.2	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 14:58	1
13C2-6:2 FTS	IS	93.9	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 14:58	1
13C2-PFOA	IS	89.1	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 14:58	1
13C5-PFNA	IS	74.0	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 14:58	1
13C8-PFOSA	IS	10.0	50 - 150	H	B8I0206	01-Oct-18	0.118 L	07-Oct-18 14:58	1
13C8-PFOS	IS	94.0	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 14:58	1
13C2-PFDA	IS	60.6	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 14:58	1
13C2-8:2 FTS	IS	90.6	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 14:58	1
d3-MeFOSAA	IS	59.4	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 14:58	1
d5-EtFOSAA	IS	64.3	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 14:58	1
13C2-PFUnA	IS	66.5	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 14:58	1

Sample ID: BP-MH-SW4001-20180918

PFAS Isotope Dilution Method

Client Data

Name: Tetra Tech
Project: Bethpage
Matrix: Groundwater
Date Collected: 18-Sep-18 12:15

Laboratory Data

Lab Sample: 1803120-06
Date Received: 21-Sep-18 09:09
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	14.4	2.87	5.25	8.38		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:09	1
PFPeA	2706-90-3	34.8	2.87	5.25	8.38		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:09	1
PFBS	375-73-5	ND	2.87	5.25	8.38	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:09	1
PFHxA	307-24-4	24.4	2.87	5.25	8.38		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:09	1
PFHpA	375-85-9	14.7	2.87	5.25	8.38		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:09	1
PFHxS	355-46-4	4.62	2.87	5.25	8.38	J, Q	B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:09	1
6:2 FTS	27619-97-2	9.64	2.87	5.25	8.38		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:09	1
PFOA	335-67-1	17.0	2.87	5.25	8.38		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:09	1
PFHpS	375-92-8	ND	2.87	5.25	8.38	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:09	1
PFNA	375-95-1	6.97	2.87	5.25	8.38	J	B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:09	1
PFOSA	754-91-6	ND	2.87	5.25	8.38	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:09	1
PFOS	1763-23-1	11.1	2.87	5.25	8.38		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:09	1
PFDA	335-76-2	ND	2.87	5.25	8.38	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:09	1
8:2 FTS	39108-34-4	4.88	2.87	5.25	8.38	J	B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:09	1
MeFOSAA	2355-31-9	ND	2.87	5.25	8.38	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:09	1
EtFOSAA	2991-50-6	ND	2.87	5.25	8.38	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:09	1
PFUnA	2058-94-8	ND	2.87	5.25	8.38	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:09	1
PFDS	335-77-3	ND	2.87	5.25	8.38	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:09	1
PFDoA	307-55-1	ND	2.87	5.25	8.38	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:09	1
PFTrDA	72629-94-8	ND	2.87	5.25	8.38	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:09	1
PFTeDA	376-06-7	ND	2.87	5.25	8.38	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:09	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	95.9	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:09	1
13C3-PFPeA	IS	86.7	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:09	1
13C3-PFBS	IS	88.7	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:09	1
13C2-PFHxA	IS	90.5	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:09	1
13C4-PFHpA	IS	98.8	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:09	1
18O2-PFHxS	IS	99.1	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:09	1
13C2-6:2 FTS	IS	91.9	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:09	1
13C2-PFOA	IS	90.6	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:09	1
13C5-PFNA	IS	78.7	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:09	1
13C8-PFOSA	IS	10.4	50 - 150	H	B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:09	1
13C8-PFOS	IS	94.5	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:09	1
13C2-PFDA	IS	70.7	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:09	1
13C2-8:2 FTS	IS	93.5	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:09	1
d3-MeFOSAA	IS	70.6	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:09	1
d5-EtFOSAA	IS	70.3	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:09	1
13C2-PFUnA	IS	76.5	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:09	1

Sample ID: BP-TT-SW4004-20180918

PFAS Isotope Dilution Method

Client Data

Name: Tetra Tech
Project: Bethpage
Matrix: Groundwater
Date Collected: 18-Sep-18 12:50

Laboratory Data

Lab Sample: 1803120-07
Date Received: 21-Sep-18 09:09
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	2.96	5.39	8.64	U	B8I0206	01-Oct-18	0.116 L	07-Oct-18 15:19	1
PFPeA	2706-90-3	ND	2.96	5.39	8.64	U	B8I0206	01-Oct-18	0.116 L	07-Oct-18 15:19	1
PFBS	375-73-5	ND	2.96	5.39	8.64	U	B8I0206	01-Oct-18	0.116 L	07-Oct-18 15:19	1
PFHxA	307-24-4	5.44	2.96	5.39	8.64	J	B8I0206	01-Oct-18	0.116 L	07-Oct-18 15:19	1
PFHpA	375-85-9	ND	2.96	5.39	8.64	U	B8I0206	01-Oct-18	0.116 L	07-Oct-18 15:19	1
PFHxS	355-46-4	ND	2.96	5.39	8.64	U	B8I0206	01-Oct-18	0.116 L	07-Oct-18 15:19	1
6:2 FTS	27619-97-2	ND	2.96	5.39	8.64	U	B8I0206	01-Oct-18	0.116 L	07-Oct-18 15:19	1
PFOA	335-67-1	ND	2.96	5.39	8.64	U	B8I0206	01-Oct-18	0.116 L	07-Oct-18 15:19	1
PFHpS	375-92-8	ND	2.96	5.39	8.64	U	B8I0206	01-Oct-18	0.116 L	07-Oct-18 15:19	1
PFNA	375-95-1	ND	2.96	5.39	8.64	U	B8I0206	01-Oct-18	0.116 L	07-Oct-18 15:19	1
PFOSA	754-91-6	ND	2.96	5.39	8.64	U	B8I0206	01-Oct-18	0.116 L	07-Oct-18 15:19	1
PFOS	1763-23-1	ND	2.96	5.39	8.64	U	B8I0206	01-Oct-18	0.116 L	07-Oct-18 15:19	1
PFDA	335-76-2	ND	2.96	5.39	8.64	U	B8I0206	01-Oct-18	0.116 L	07-Oct-18 15:19	1
8:2 FTS	39108-34-4	ND	2.96	5.39	8.64	U	B8I0206	01-Oct-18	0.116 L	07-Oct-18 15:19	1
MeFOSAA	2355-31-9	ND	2.96	5.39	8.64	U	B8I0206	01-Oct-18	0.116 L	07-Oct-18 15:19	1
EtFOSAA	2991-50-6	ND	2.96	5.39	8.64	U	B8I0206	01-Oct-18	0.116 L	07-Oct-18 15:19	1
PFUnA	2058-94-8	ND	2.96	5.39	8.64	U	B8I0206	01-Oct-18	0.116 L	07-Oct-18 15:19	1
PFDS	335-77-3	ND	2.96	5.39	8.64	U	B8I0206	01-Oct-18	0.116 L	07-Oct-18 15:19	1
PFDoA	307-55-1	ND	2.96	5.39	8.64	U	B8I0206	01-Oct-18	0.116 L	07-Oct-18 15:19	1
PFTrDA	72629-94-8	ND	2.96	5.39	8.64	U	B8I0206	01-Oct-18	0.116 L	07-Oct-18 15:19	1
PFTeDA	376-06-7	ND	2.96	5.39	8.64	U	B8I0206	01-Oct-18	0.116 L	07-Oct-18 15:19	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	94.4	50 - 150		B8I0206	01-Oct-18	0.116 L	07-Oct-18 15:19	1
13C3-PFPeA	IS	90.5	50 - 150		B8I0206	01-Oct-18	0.116 L	07-Oct-18 15:19	1
13C3-PFBS	IS	86.1	50 - 150		B8I0206	01-Oct-18	0.116 L	07-Oct-18 15:19	1
13C2-PFHxA	IS	90.1	50 - 150		B8I0206	01-Oct-18	0.116 L	07-Oct-18 15:19	1
13C4-PFHpA	IS	100	50 - 150		B8I0206	01-Oct-18	0.116 L	07-Oct-18 15:19	1
18O2-PFHxS	IS	92.3	50 - 150		B8I0206	01-Oct-18	0.116 L	07-Oct-18 15:19	1
13C2-6:2 FTS	IS	95.0	50 - 150		B8I0206	01-Oct-18	0.116 L	07-Oct-18 15:19	1
13C2-PFOA	IS	90.8	50 - 150		B8I0206	01-Oct-18	0.116 L	07-Oct-18 15:19	1
13C5-PFNA	IS	87.6	50 - 150		B8I0206	01-Oct-18	0.116 L	07-Oct-18 15:19	1
13C8-PFOSA	IS	43.9	50 - 150	H	B8I0206	01-Oct-18	0.116 L	07-Oct-18 15:19	1
13C8-PFOS	IS	103	50 - 150		B8I0206	01-Oct-18	0.116 L	07-Oct-18 15:19	1
13C2-PFDA	IS	72.0	50 - 150		B8I0206	01-Oct-18	0.116 L	07-Oct-18 15:19	1
13C2-8:2 FTS	IS	94.1	50 - 150		B8I0206	01-Oct-18	0.116 L	07-Oct-18 15:19	1
d3-MeFOSAA	IS	68.6	50 - 150		B8I0206	01-Oct-18	0.116 L	07-Oct-18 15:19	1
d5-EtFOSAA	IS	76.2	50 - 150		B8I0206	01-Oct-18	0.116 L	07-Oct-18 15:19	1
13C2-PFUnA	IS	80.4	50 - 150		B8I0206	01-Oct-18	0.116 L	07-Oct-18 15:19	1

Vista Analytical Laboratory

Sample ID: BP-TT-SW4002-20180918

PFAS Isotope Dilution Method

Client Data

Name: Tetra Tech
Project: Bethpage
Matrix: Groundwater
Date Collected: 18-Sep-18 13:20

Laboratory Data

Lab Sample: 1803120-08
Date Received: 21-Sep-18 09:09
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	12.0	2.94	5.34	8.58		B8I0206	01-Oct-18	0.117 L	07-Oct-18 15:30	1
PFPeA	2706-90-3	14.9	2.94	5.34	8.58		B8I0206	01-Oct-18	0.117 L	07-Oct-18 15:30	1
PFBS	375-73-5	ND	2.94	5.34	8.58	U	B8I0206	01-Oct-18	0.117 L	07-Oct-18 15:30	1
PFHxA	307-24-4	16.2	2.94	5.34	8.58		B8I0206	01-Oct-18	0.117 L	07-Oct-18 15:30	1
PFHpA	375-85-9	9.37	2.94	5.34	8.58		B8I0206	01-Oct-18	0.117 L	07-Oct-18 15:30	1
PFHxS	355-46-4	ND	2.94	5.34	8.58	U	B8I0206	01-Oct-18	0.117 L	07-Oct-18 15:30	1
6:2 FTS	27619-97-2	5.02	2.94	5.34	8.58	J	B8I0206	01-Oct-18	0.117 L	07-Oct-18 15:30	1
PFOA	335-67-1	11.2	2.94	5.34	8.58		B8I0206	01-Oct-18	0.117 L	07-Oct-18 15:30	1
PFHpS	375-92-8	ND	2.94	5.34	8.58	U	B8I0206	01-Oct-18	0.117 L	07-Oct-18 15:30	1
PFNA	375-95-1	4.71	2.94	5.34	8.58	J	B8I0206	01-Oct-18	0.117 L	07-Oct-18 15:30	1
PFOSA	754-91-6	ND	2.94	5.34	8.58	U	B8I0206	01-Oct-18	0.117 L	07-Oct-18 15:30	1
PFOS	1763-23-1	8.40	2.94	5.34	8.58	J	B8I0206	01-Oct-18	0.117 L	07-Oct-18 15:30	1
PFDA	335-76-2	ND	2.94	5.34	8.58	U	B8I0206	01-Oct-18	0.117 L	07-Oct-18 15:30	1
8:2 FTS	39108-34-4	5.52	2.94	5.34	8.58	J	B8I0206	01-Oct-18	0.117 L	07-Oct-18 15:30	1
MeFOSAA	2355-31-9	ND	2.94	5.34	8.58	U	B8I0206	01-Oct-18	0.117 L	07-Oct-18 15:30	1
EtFOSAA	2991-50-6	ND	2.94	5.34	8.58	U	B8I0206	01-Oct-18	0.117 L	07-Oct-18 15:30	1
PFUnA	2058-94-8	ND	2.94	5.34	8.58	U	B8I0206	01-Oct-18	0.117 L	07-Oct-18 15:30	1
PFDS	335-77-3	ND	2.94	5.34	8.58	U	B8I0206	01-Oct-18	0.117 L	07-Oct-18 15:30	1
PFDoA	307-55-1	ND	2.94	5.34	8.58	U	B8I0206	01-Oct-18	0.117 L	07-Oct-18 15:30	1
PFTrDA	72629-94-8	ND	2.94	5.34	8.58	U	B8I0206	01-Oct-18	0.117 L	07-Oct-18 15:30	1
PFTeDA	376-06-7	ND	2.94	5.34	8.58	U	B8I0206	01-Oct-18	0.117 L	07-Oct-18 15:30	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	94.4	50 - 150		B8I0206	01-Oct-18	0.117 L	07-Oct-18 15:30	1
13C3-PFPeA	IS	91.6	50 - 150		B8I0206	01-Oct-18	0.117 L	07-Oct-18 15:30	1
13C3-PFBS	IS	86.6	50 - 150		B8I0206	01-Oct-18	0.117 L	07-Oct-18 15:30	1
13C2-PFHxA	IS	94.0	50 - 150		B8I0206	01-Oct-18	0.117 L	07-Oct-18 15:30	1
13C4-PFHpA	IS	106	50 - 150		B8I0206	01-Oct-18	0.117 L	07-Oct-18 15:30	1
18O2-PFHxS	IS	90.7	50 - 150		B8I0206	01-Oct-18	0.117 L	07-Oct-18 15:30	1
13C2-6:2 FTS	IS	89.8	50 - 150		B8I0206	01-Oct-18	0.117 L	07-Oct-18 15:30	1
13C2-PFOA	IS	96.2	50 - 150		B8I0206	01-Oct-18	0.117 L	07-Oct-18 15:30	1
13C5-PFNA	IS	82.1	50 - 150		B8I0206	01-Oct-18	0.117 L	07-Oct-18 15:30	1
13C8-PFOSA	IS	17.7	50 - 150	H	B8I0206	01-Oct-18	0.117 L	07-Oct-18 15:30	1
13C8-PFOS	IS	96.4	50 - 150		B8I0206	01-Oct-18	0.117 L	07-Oct-18 15:30	1
13C2-PFDA	IS	66.5	50 - 150		B8I0206	01-Oct-18	0.117 L	07-Oct-18 15:30	1
13C2-8:2 FTS	IS	85.2	50 - 150		B8I0206	01-Oct-18	0.117 L	07-Oct-18 15:30	1
d3-MeFOSAA	IS	65.3	50 - 150		B8I0206	01-Oct-18	0.117 L	07-Oct-18 15:30	1
d5-EtFOSAA	IS	68.2	50 - 150		B8I0206	01-Oct-18	0.117 L	07-Oct-18 15:30	1
13C2-PFUnA	IS	73.2	50 - 150		B8I0206	01-Oct-18	0.117 L	07-Oct-18 15:30	1

Sample ID: BPSI-TT-MW312I-20180918

PFAS Isotope Dilution Method

Client Data

Name: Tetra Tech
Project: Bethpage
Matrix: Groundwater
Date Collected: 18-Sep-18 16:00

Laboratory Data

Lab Sample: 1803120-09
Date Received: 21-Sep-18 09:09
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	15.1	2.87	5.25	8.37		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:41	1
PFPeA	2706-90-3	45.5	2.87	5.25	8.37		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:41	1
PFBS	375-73-5	ND	2.87	5.25	8.37	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:41	1
PFHxA	307-24-4	29.9	2.87	5.25	8.37		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:41	1
PFHpA	375-85-9	20.9	2.87	5.25	8.37		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:41	1
PFHxS	355-46-4	3.04	2.87	5.25	8.37	J	B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:41	1
6:2 FTS	27619-97-2	ND	2.87	5.25	8.37	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:41	1
PFOA	335-67-1	16.4	2.87	5.25	8.37		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:41	1
PFHpS	375-92-8	ND	2.87	5.25	8.37	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:41	1
PFNA	375-95-1	9.88	2.87	5.25	8.37		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:41	1
PFOSA	754-91-6	ND	2.87	5.25	8.37	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:41	1
PFOS	1763-23-1	14.7	2.87	5.25	8.37		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:41	1
PFDA	335-76-2	ND	2.87	5.25	8.37	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:41	1
8:2 FTS	39108-34-4	ND	2.87	5.25	8.37	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:41	1
MeFOSAA	2355-31-9	ND	2.87	5.25	8.37	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:41	1
EtFOSAA	2991-50-6	ND	2.87	5.25	8.37	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:41	1
PFUnA	2058-94-8	ND	2.87	5.25	8.37	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:41	1
PFDS	335-77-3	ND	2.87	5.25	8.37	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:41	1
PFDoA	307-55-1	ND	2.87	5.25	8.37	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:41	1
PFTrDA	72629-94-8	ND	2.87	5.25	8.37	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:41	1
PFTeDA	376-06-7	ND	2.87	5.25	8.37	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:41	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	93.8	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:41	1
13C3-PFPeA	IS	87.7	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:41	1
13C3-PFBS	IS	86.9	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:41	1
13C2-PFHxA	IS	88.4	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:41	1
13C4-PFHpA	IS	97.6	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:41	1
18O2-PFHxS	IS	92.6	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:41	1
13C2-6:2 FTS	IS	90.7	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:41	1
13C2-PFOA	IS	91.7	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:41	1
13C5-PFNA	IS	81.2	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:41	1
13C8-PFOSA	IS	9.20	50 - 150	H	B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:41	1
13C8-PFOS	IS	96.2	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:41	1
13C2-PFDA	IS	70.9	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:41	1
13C2-8:2 FTS	IS	94.1	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:41	1
d3-MeFOSAA	IS	66.7	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:41	1
d5-EtFOSAA	IS	67.8	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:41	1
13C2-PFUnA	IS	79.6	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 15:41	1

Sample ID: BPSI-TT-MW312S-20180918

PFAS Isotope Dilution Method

Client Data

Name: Tetra Tech
Project: Bethpage
Matrix: Groundwater
Date Collected: 18-Sep-18 15:25

Laboratory Data

Lab Sample: 1803120-10
Date Received: 21-Sep-18 09:09
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	20.2	2.99	5.43	8.72		B8I0206	01-Oct-18	0.115 L	07-Oct-18 15:51	1
PFPeA	2706-90-3	42.3	2.99	5.43	8.72		B8I0206	01-Oct-18	0.115 L	07-Oct-18 15:51	1
PFBS	375-73-5	ND	2.99	5.43	8.72	U	B8I0206	01-Oct-18	0.115 L	07-Oct-18 15:51	1
PFHxA	307-24-4	26.3	2.99	5.43	8.72		B8I0206	01-Oct-18	0.115 L	07-Oct-18 15:51	1
PFHpA	375-85-9	14.4	2.99	5.43	8.72		B8I0206	01-Oct-18	0.115 L	07-Oct-18 15:51	1
PFHxS	355-46-4	3.01	2.99	5.43	8.72	J	B8I0206	01-Oct-18	0.115 L	07-Oct-18 15:51	1
6:2 FTS	27619-97-2	ND	2.99	5.43	8.72	U	B8I0206	01-Oct-18	0.115 L	07-Oct-18 15:51	1
PFOA	335-67-1	10.3	2.99	5.43	8.72		B8I0206	01-Oct-18	0.115 L	07-Oct-18 15:51	1
PFHpS	375-92-8	ND	2.99	5.43	8.72	U	B8I0206	01-Oct-18	0.115 L	07-Oct-18 15:51	1
PFNA	375-95-1	10.6	2.99	5.43	8.72		B8I0206	01-Oct-18	0.115 L	07-Oct-18 15:51	1
PFOSA	754-91-6	ND	2.99	5.43	8.72	U	B8I0206	01-Oct-18	0.115 L	07-Oct-18 15:51	1
PFOS	1763-23-1	9.05	2.99	5.43	8.72		B8I0206	01-Oct-18	0.115 L	07-Oct-18 15:51	1
PFDA	335-76-2	ND	2.99	5.43	8.72	U	B8I0206	01-Oct-18	0.115 L	07-Oct-18 15:51	1
8:2 FTS	39108-34-4	ND	2.99	5.43	8.72	U	B8I0206	01-Oct-18	0.115 L	07-Oct-18 15:51	1
MeFOSAA	2355-31-9	ND	2.99	5.43	8.72	U	B8I0206	01-Oct-18	0.115 L	07-Oct-18 15:51	1
EtFOSAA	2991-50-6	ND	2.99	5.43	8.72	U	B8I0206	01-Oct-18	0.115 L	07-Oct-18 15:51	1
PFUnA	2058-94-8	ND	2.99	5.43	8.72	U	B8I0206	01-Oct-18	0.115 L	07-Oct-18 15:51	1
PFDS	335-77-3	ND	2.99	5.43	8.72	U	B8I0206	01-Oct-18	0.115 L	07-Oct-18 15:51	1
PFDoA	307-55-1	ND	2.99	5.43	8.72	U	B8I0206	01-Oct-18	0.115 L	07-Oct-18 15:51	1
PFTrDA	72629-94-8	ND	2.99	5.43	8.72	U	B8I0206	01-Oct-18	0.115 L	07-Oct-18 15:51	1
PFTeDA	376-06-7	ND	2.99	5.43	8.72	U	B8I0206	01-Oct-18	0.115 L	07-Oct-18 15:51	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	96.3	50 - 150		B8I0206	01-Oct-18	0.115 L	07-Oct-18 15:51	1
13C3-PFPeA	IS	84.8	50 - 150		B8I0206	01-Oct-18	0.115 L	07-Oct-18 15:51	1
13C3-PFBS	IS	89.7	50 - 150		B8I0206	01-Oct-18	0.115 L	07-Oct-18 15:51	1
13C2-PFHxA	IS	90.9	50 - 150		B8I0206	01-Oct-18	0.115 L	07-Oct-18 15:51	1
13C4-PFHpA	IS	101	50 - 150		B8I0206	01-Oct-18	0.115 L	07-Oct-18 15:51	1
18O2-PFHxS	IS	101	50 - 150		B8I0206	01-Oct-18	0.115 L	07-Oct-18 15:51	1
13C2-6:2 FTS	IS	88.3	50 - 150		B8I0206	01-Oct-18	0.115 L	07-Oct-18 15:51	1
13C2-PFOA	IS	93.7	50 - 150		B8I0206	01-Oct-18	0.115 L	07-Oct-18 15:51	1
13C5-PFNA	IS	84.4	50 - 150		B8I0206	01-Oct-18	0.115 L	07-Oct-18 15:51	1
13C8-PFOSA	IS	12.9	50 - 150	H	B8I0206	01-Oct-18	0.115 L	07-Oct-18 15:51	1
13C8-PFOS	IS	96.2	50 - 150		B8I0206	01-Oct-18	0.115 L	07-Oct-18 15:51	1
13C2-PFDA	IS	66.5	50 - 150		B8I0206	01-Oct-18	0.115 L	07-Oct-18 15:51	1
13C2-8:2 FTS	IS	92.6	50 - 150		B8I0206	01-Oct-18	0.115 L	07-Oct-18 15:51	1
d3-MeFOSAA	IS	67.8	50 - 150		B8I0206	01-Oct-18	0.115 L	07-Oct-18 15:51	1
d5-EtFOSAA	IS	74.7	50 - 150		B8I0206	01-Oct-18	0.115 L	07-Oct-18 15:51	1
13C2-PFUnA	IS	79.2	50 - 150		B8I0206	01-Oct-18	0.115 L	07-Oct-18 15:51	1

Sample ID: BPSI-TT-MW310S-20180919

PFAS Isotope Dilution Method

Client Data

Name: Tetra Tech
Project: Bethpage
Matrix: Groundwater
Date Collected: 19-Sep-18 10:30

Laboratory Data

Lab Sample: 1803120-11
Date Received: 21-Sep-18 09:09
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	8.31	2.86	5.21	8.35	J	B8I0206	01-Oct-18	0.120 L	07-Oct-18 16:23	1
PFPeA	2706-90-3	6.60	2.86	5.21	8.35	J	B8I0206	01-Oct-18	0.120 L	07-Oct-18 16:23	1
PFBS	375-73-5	ND	2.86	5.21	8.35	U	B8I0206	01-Oct-18	0.120 L	07-Oct-18 16:23	1
PFHxA	307-24-4	6.87	2.86	5.21	8.35	J	B8I0206	01-Oct-18	0.120 L	07-Oct-18 16:23	1
PFHpA	375-85-9	10.9	2.86	5.21	8.35		B8I0206	01-Oct-18	0.120 L	07-Oct-18 16:23	1
PFHxS	355-46-4	ND	2.86	5.21	8.35	U	B8I0206	01-Oct-18	0.120 L	07-Oct-18 16:23	1
6:2 FTS	27619-97-2	ND	2.86	5.21	8.35	U	B8I0206	01-Oct-18	0.120 L	07-Oct-18 16:23	1
PFOA	335-67-1	28.9	2.86	5.21	8.35		B8I0206	01-Oct-18	0.120 L	07-Oct-18 16:23	1
PFHpS	375-92-8	ND	2.86	5.21	8.35	U	B8I0206	01-Oct-18	0.120 L	07-Oct-18 16:23	1
PFNA	375-95-1	4.59	2.86	5.21	8.35	J	B8I0206	01-Oct-18	0.120 L	07-Oct-18 16:23	1
PFOSA	754-91-6	ND	2.86	5.21	8.35	U	B8I0206	01-Oct-18	0.120 L	07-Oct-18 16:23	1
PFOS	1763-23-1	10.8	2.86	5.21	8.35		B8I0206	01-Oct-18	0.120 L	07-Oct-18 16:23	1
PFDA	335-76-2	ND	2.86	5.21	8.35	U	B8I0206	01-Oct-18	0.120 L	07-Oct-18 16:23	1
8:2 FTS	39108-34-4	ND	2.86	5.21	8.35	U	B8I0206	01-Oct-18	0.120 L	07-Oct-18 16:23	1
MeFOSAA	2355-31-9	ND	2.86	5.21	8.35	U	B8I0206	01-Oct-18	0.120 L	07-Oct-18 16:23	1
EtFOSAA	2991-50-6	ND	2.86	5.21	8.35	U	B8I0206	01-Oct-18	0.120 L	07-Oct-18 16:23	1
PFUnA	2058-94-8	ND	2.86	5.21	8.35	U	B8I0206	01-Oct-18	0.120 L	07-Oct-18 16:23	1
PFDS	335-77-3	ND	2.86	5.21	8.35	U	B8I0206	01-Oct-18	0.120 L	07-Oct-18 16:23	1
PFDoA	307-55-1	ND	2.86	5.21	8.35	U	B8I0206	01-Oct-18	0.120 L	07-Oct-18 16:23	1
PFTrDA	72629-94-8	ND	2.86	5.21	8.35	U	B8I0206	01-Oct-18	0.120 L	07-Oct-18 16:23	1
PFTeDA	376-06-7	ND	2.86	5.21	8.35	U	B8I0206	01-Oct-18	0.120 L	07-Oct-18 16:23	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	96.5	50 - 150		B8I0206	01-Oct-18	0.120 L	07-Oct-18 16:23	1
13C3-PFPeA	IS	86.8	50 - 150		B8I0206	01-Oct-18	0.120 L	07-Oct-18 16:23	1
13C3-PFBS	IS	90.2	50 - 150		B8I0206	01-Oct-18	0.120 L	07-Oct-18 16:23	1
13C2-PFHxA	IS	92.7	50 - 150		B8I0206	01-Oct-18	0.120 L	07-Oct-18 16:23	1
13C4-PFHpA	IS	101	50 - 150		B8I0206	01-Oct-18	0.120 L	07-Oct-18 16:23	1
18O2-PFHxS	IS	86.8	50 - 150		B8I0206	01-Oct-18	0.120 L	07-Oct-18 16:23	1
13C2-6:2 FTS	IS	89.4	50 - 150		B8I0206	01-Oct-18	0.120 L	07-Oct-18 16:23	1
13C2-PFOA	IS	92.2	50 - 150		B8I0206	01-Oct-18	0.120 L	07-Oct-18 16:23	1
13C5-PFNA	IS	76.9	50 - 150		B8I0206	01-Oct-18	0.120 L	07-Oct-18 16:23	1
13C8-PFOSA	IS	14.3	50 - 150	H	B8I0206	01-Oct-18	0.120 L	07-Oct-18 16:23	1
13C8-PFOS	IS	92.9	50 - 150		B8I0206	01-Oct-18	0.120 L	07-Oct-18 16:23	1
13C2-PFDA	IS	65.7	50 - 150		B8I0206	01-Oct-18	0.120 L	07-Oct-18 16:23	1
13C2-8:2 FTS	IS	89.6	50 - 150		B8I0206	01-Oct-18	0.120 L	07-Oct-18 16:23	1
d3-MeFOSAA	IS	69.1	50 - 150		B8I0206	01-Oct-18	0.120 L	07-Oct-18 16:23	1
d5-EtFOSAA	IS	76.7	50 - 150		B8I0206	01-Oct-18	0.120 L	07-Oct-18 16:23	1
13C2-PFUnA	IS	76.4	50 - 150		B8I0206	01-Oct-18	0.120 L	07-Oct-18 16:23	1

Sample ID: BPSI-TT-MW311S-20180919

PFAS Isotope Dilution Method

Client Data

Name: Tetra Tech
Project: Bethpage
Matrix: Groundwater
Date Collected: 19-Sep-18 11:10

Laboratory Data

Lab Sample: 1803120-12
Date Received: 21-Sep-18 09:09
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	9.88	2.89	5.30	8.45		B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:34	1
PFPeA	2706-90-3	13.8	2.89	5.30	8.45		B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:34	1
PFBS	375-73-5	ND	2.89	5.30	8.45	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:34	1
PFHxA	307-24-4	13.3	2.89	5.30	8.45		B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:34	1
PFHpA	375-85-9	7.09	2.89	5.30	8.45	J	B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:34	1
PFHxS	355-46-4	ND	2.89	5.30	8.45	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:34	1
6:2 FTS	27619-97-2	ND	2.89	5.30	8.45	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:34	1
PFOA	335-67-1	2.96	2.89	5.30	8.45	J	B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:34	1
PFHpS	375-92-8	ND	2.89	5.30	8.45	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:34	1
PFNA	375-95-1	ND	2.89	5.30	8.45	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:34	1
PFOSA	754-91-6	ND	2.89	5.30	8.45	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:34	1
PFOS	1763-23-1	ND	2.89	5.30	8.45	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:34	1
PFDA	335-76-2	ND	2.89	5.30	8.45	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:34	1
8:2 FTS	39108-34-4	ND	2.89	5.30	8.45	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:34	1
MeFOSAA	2355-31-9	ND	2.89	5.30	8.45	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:34	1
EtFOSAA	2991-50-6	ND	2.89	5.30	8.45	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:34	1
PFUnA	2058-94-8	ND	2.89	5.30	8.45	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:34	1
PFDS	335-77-3	ND	2.89	5.30	8.45	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:34	1
PFDoA	307-55-1	ND	2.89	5.30	8.45	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:34	1
PFTrDA	72629-94-8	ND	2.89	5.30	8.45	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:34	1
PFTeDA	376-06-7	ND	2.89	5.30	8.45	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:34	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	96.1	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:34	1
13C3-PFPeA	IS	90.7	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:34	1
13C3-PFBS	IS	88.0	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:34	1
13C2-PFHxA	IS	88.4	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:34	1
13C4-PFHpA	IS	99.4	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:34	1
18O2-PFHxS	IS	89.7	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:34	1
13C2-6:2 FTS	IS	92.7	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:34	1
13C2-PFOA	IS	89.9	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:34	1
13C5-PFNA	IS	84.4	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:34	1
13C8-PFOSA	IS	11.2	50 - 150	H	B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:34	1
13C8-PFOS	IS	94.9	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:34	1
13C2-PFDA	IS	73.9	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:34	1
13C2-8:2 FTS	IS	88.3	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:34	1
d3-MeFOSAA	IS	73.3	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:34	1
d5-EtFOSAA	IS	76.0	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:34	1
13C2-PFUnA	IS	78.6	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:34	1

Sample ID: BPSI-TT-MW311I-20180919

PFAS Isotope Dilution Method

Client Data

Name: Tetra Tech
Project: Bethpage
Matrix: Groundwater
Date Collected: 19-Sep-18 11:10

Laboratory Data

Lab Sample: 1803120-13
Date Received: 21-Sep-18 09:09
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	14.7	2.91	5.30	8.49		B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:44	1
PFPeA	2706-90-3	13.9	2.91	5.30	8.49		B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:44	1
PFBS	375-73-5	ND	2.91	5.30	8.49	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:44	1
PFHxA	307-24-4	14.6	2.91	5.30	8.49		B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:44	1
PFHpA	375-85-9	10.2	2.91	5.30	8.49		B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:44	1
PFHxS	355-46-4	7.11	2.91	5.30	8.49	J	B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:44	1
6:2 FTS	27619-97-2	ND	2.91	5.30	8.49	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:44	1
PFOA	335-67-1	12.2	2.91	5.30	8.49		B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:44	1
PFHpS	375-92-8	ND	2.91	5.30	8.49	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:44	1
PFNA	375-95-1	ND	2.91	5.30	8.49	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:44	1
PFOSA	754-91-6	ND	2.91	5.30	8.49	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:44	1
PFOS	1763-23-1	ND	2.91	5.30	8.49	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:44	1
PFDA	335-76-2	ND	2.91	5.30	8.49	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:44	1
8:2 FTS	39108-34-4	ND	2.91	5.30	8.49	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:44	1
MeFOSAA	2355-31-9	ND	2.91	5.30	8.49	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:44	1
EtFOSAA	2991-50-6	ND	2.91	5.30	8.49	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:44	1
PFUnA	2058-94-8	ND	2.91	5.30	8.49	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:44	1
PFDS	335-77-3	ND	2.91	5.30	8.49	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:44	1
PFDoA	307-55-1	ND	2.91	5.30	8.49	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:44	1
PFTrDA	72629-94-8	ND	2.91	5.30	8.49	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:44	1
PFTeDA	376-06-7	ND	2.91	5.30	8.49	U	B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:44	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	94.5	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:44	1
13C3-PFPeA	IS	88.6	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:44	1
13C3-PFBS	IS	90.7	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:44	1
13C2-PFHxA	IS	91.1	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:44	1
13C4-PFHpA	IS	104	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:44	1
18O2-PFHxS	IS	84.2	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:44	1
13C2-6:2 FTS	IS	88.5	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:44	1
13C2-PFOA	IS	92.7	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:44	1
13C5-PFNA	IS	80.7	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:44	1
13C8-PFOSA	IS	15.8	50 - 150	H	B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:44	1
13C8-PFOS	IS	99.2	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:44	1
13C2-PFDA	IS	65.8	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:44	1
13C2-8:2 FTS	IS	99.3	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:44	1
d3-MeFOSAA	IS	63.2	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:44	1
d5-EtFOSAA	IS	72.2	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:44	1
13C2-PFUnA	IS	72.6	50 - 150		B8I0206	01-Oct-18	0.118 L	07-Oct-18 16:44	1

Sample ID: BPSI-TT-MW314S-20180919 **PFAS Isotope Dilution Method**

Client Data

Name: Tetra Tech
Project: Bethpage
Matrix: Groundwater
Date Collected: 19-Sep-18 14:40

Laboratory Data

Lab Sample: 1803120-14
Date Received: 21-Sep-18 09:09
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	9.79	2.92	5.34	8.53		B8I0206	01-Oct-18	0.117 L	07-Oct-18 16:55	1
PFPeA	2706-90-3	18.7	2.92	5.34	8.53		B8I0206	01-Oct-18	0.117 L	07-Oct-18 16:55	1
PFBS	375-73-5	ND	2.92	5.34	8.53	U	B8I0206	01-Oct-18	0.117 L	07-Oct-18 16:55	1
PFHxA	307-24-4	13.4	2.92	5.34	8.53		B8I0206	01-Oct-18	0.117 L	07-Oct-18 16:55	1
PFHpA	375-85-9	37.4	2.92	5.34	8.53		B8I0206	01-Oct-18	0.117 L	07-Oct-18 16:55	1
PFHxS	355-46-4	ND	2.92	5.34	8.53	U	B8I0206	01-Oct-18	0.117 L	07-Oct-18 16:55	1
6:2 FTS	27619-97-2	3.75	2.92	5.34	8.53	J	B8I0206	01-Oct-18	0.117 L	07-Oct-18 16:55	1
PFOA	335-67-1	98.8	2.92	5.34	8.53		B8I0206	01-Oct-18	0.117 L	07-Oct-18 16:55	1
PFHpS	375-92-8	ND	2.92	5.34	8.53	U	B8I0206	01-Oct-18	0.117 L	07-Oct-18 16:55	1
PFNA	375-95-1	ND	2.92	5.34	8.53	U	B8I0206	01-Oct-18	0.117 L	07-Oct-18 16:55	1
PFOSA	754-91-6	ND	2.92	5.34	8.53	U	B8I0206	01-Oct-18	0.117 L	07-Oct-18 16:55	1
PFOS	1763-23-1	ND	2.92	5.34	8.53	U	B8I0206	01-Oct-18	0.117 L	07-Oct-18 16:55	1
PFDA	335-76-2	ND	2.92	5.34	8.53	U	B8I0206	01-Oct-18	0.117 L	07-Oct-18 16:55	1
8:2 FTS	39108-34-4	ND	2.92	5.34	8.53	U	B8I0206	01-Oct-18	0.117 L	07-Oct-18 16:55	1
MeFOSAA	2355-31-9	ND	2.92	5.34	8.53	U	B8I0206	01-Oct-18	0.117 L	07-Oct-18 16:55	1
EtFOSAA	2991-50-6	ND	2.92	5.34	8.53	U	B8I0206	01-Oct-18	0.117 L	07-Oct-18 16:55	1
PFUnA	2058-94-8	ND	2.92	5.34	8.53	U	B8I0206	01-Oct-18	0.117 L	07-Oct-18 16:55	1
PFDS	335-77-3	ND	2.92	5.34	8.53	U	B8I0206	01-Oct-18	0.117 L	07-Oct-18 16:55	1
PFDoA	307-55-1	ND	2.92	5.34	8.53	U	B8I0206	01-Oct-18	0.117 L	07-Oct-18 16:55	1
PFTrDA	72629-94-8	ND	2.92	5.34	8.53	U	B8I0206	01-Oct-18	0.117 L	07-Oct-18 16:55	1
PFTeDA	376-06-7	ND	2.92	5.34	8.53	U	B8I0206	01-Oct-18	0.117 L	07-Oct-18 16:55	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	94.9	50 - 150		B8I0206	01-Oct-18	0.117 L	07-Oct-18 16:55	1
13C3-PFPeA	IS	85.6	50 - 150		B8I0206	01-Oct-18	0.117 L	07-Oct-18 16:55	1
13C3-PFBS	IS	91.6	50 - 150		B8I0206	01-Oct-18	0.117 L	07-Oct-18 16:55	1
13C2-PFHxA	IS	91.5	50 - 150		B8I0206	01-Oct-18	0.117 L	07-Oct-18 16:55	1
13C4-PFHpA	IS	102	50 - 150		B8I0206	01-Oct-18	0.117 L	07-Oct-18 16:55	1
18O2-PFHxS	IS	88.5	50 - 150		B8I0206	01-Oct-18	0.117 L	07-Oct-18 16:55	1
13C2-6:2 FTS	IS	88.5	50 - 150		B8I0206	01-Oct-18	0.117 L	07-Oct-18 16:55	1
13C2-PFOA	IS	95.4	50 - 150		B8I0206	01-Oct-18	0.117 L	07-Oct-18 16:55	1
13C5-PFNA	IS	81.0	50 - 150		B8I0206	01-Oct-18	0.117 L	07-Oct-18 16:55	1
13C8-PFOSA	IS	27.7	50 - 150	H	B8I0206	01-Oct-18	0.117 L	07-Oct-18 16:55	1
13C8-PFOS	IS	91.3	50 - 150		B8I0206	01-Oct-18	0.117 L	07-Oct-18 16:55	1
13C2-PFDA	IS	74.2	50 - 150		B8I0206	01-Oct-18	0.117 L	07-Oct-18 16:55	1
13C2-8:2 FTS	IS	87.7	50 - 150		B8I0206	01-Oct-18	0.117 L	07-Oct-18 16:55	1
d3-MeFOSAA	IS	68.9	50 - 150		B8I0206	01-Oct-18	0.117 L	07-Oct-18 16:55	1
d5-EtFOSAA	IS	73.0	50 - 150		B8I0206	01-Oct-18	0.117 L	07-Oct-18 16:55	1
13C2-PFUnA	IS	78.4	50 - 150		B8I0206	01-Oct-18	0.117 L	07-Oct-18 16:55	1

Sample ID: BPSI-TT-MW314D-20180919

PFAS Isotope Dilution Method

Client Data

Name: Tetra Tech
Project: Bethpage
Matrix: Groundwater
Date Collected: 19-Sep-18 16:20

Laboratory Data

Lab Sample: 1803120-15
Date Received: 21-Sep-18 09:09
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	14.2	2.87	5.25	8.38		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:06	1
PFPeA	2706-90-3	44.7	2.87	5.25	8.38		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:06	1
PFBS	375-73-5	ND	2.87	5.25	8.38	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:06	1
PFHxA	307-24-4	28.9	2.87	5.25	8.38		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:06	1
PFHpA	375-85-9	15.9	2.87	5.25	8.38		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:06	1
PFHxS	355-46-4	3.43	2.87	5.25	8.38	J	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:06	1
6:2 FTS	27619-97-2	ND	2.87	5.25	8.38	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:06	1
PFOA	335-67-1	14.8	2.87	5.25	8.38		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:06	1
PFHpS	375-92-8	ND	2.87	5.25	8.38	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:06	1
PFNA	375-95-1	8.11	2.87	5.25	8.38	J	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:06	1
PFOSA	754-91-6	ND	2.87	5.25	8.38	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:06	1
PFOS	1763-23-1	9.72	2.87	5.25	8.38		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:06	1
PFDA	335-76-2	ND	2.87	5.25	8.38	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:06	1
8:2 FTS	39108-34-4	ND	2.87	5.25	8.38	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:06	1
MeFOSAA	2355-31-9	ND	2.87	5.25	8.38	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:06	1
EtFOSAA	2991-50-6	ND	2.87	5.25	8.38	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:06	1
PFUnA	2058-94-8	ND	2.87	5.25	8.38	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:06	1
PFDS	335-77-3	ND	2.87	5.25	8.38	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:06	1
PFDoA	307-55-1	ND	2.87	5.25	8.38	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:06	1
PFTrDA	72629-94-8	ND	2.87	5.25	8.38	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:06	1
PFTeDA	376-06-7	ND	2.87	5.25	8.38	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:06	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	95.9	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:06	1
13C3-PFPeA	IS	86.5	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:06	1
13C3-PFBS	IS	91.8	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:06	1
13C2-PFHxA	IS	90.0	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:06	1
13C4-PFHpA	IS	112	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:06	1
18O2-PFHxS	IS	88.9	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:06	1
13C2-6:2 FTS	IS	91.5	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:06	1
13C2-PFOA	IS	93.9	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:06	1
13C5-PFNA	IS	79.5	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:06	1
13C8-PFOSA	IS	12.0	50 - 150	H	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:06	1
13C8-PFOS	IS	91.6	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:06	1
13C2-PFDA	IS	69.1	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:06	1
13C2-8:2 FTS	IS	84.3	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:06	1
d3-MeFOSAA	IS	66.3	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:06	1
d5-EtFOSAA	IS	75.0	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:06	1
13C2-PFUnA	IS	81.0	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:06	1

Sample ID: BP-TT-EB03-20180919

PFAS Isotope Dilution Method

Client Data

Name: Tetra Tech
Project: Bethpage
Matrix: Aqueous
Date Collected: 19-Sep-18 15:00

Laboratory Data

Lab Sample: 1803120-16
Date Received: 21-Sep-18 09:09
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:16	1
PFPeA	2706-90-3	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:16	1
PFBS	375-73-5	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:16	1
PFHxA	307-24-4	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:16	1
PFHpA	375-85-9	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:16	1
PFHxS	355-46-4	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:16	1
6:2 FTS	27619-97-2	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:16	1
PFOA	335-67-1	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:16	1
PFHpS	375-92-8	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:16	1
PFNA	375-95-1	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:16	1
PFOSA	754-91-6	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:16	1
PFOS	1763-23-1	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:16	1
PFDA	335-76-2	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:16	1
8:2 FTS	39108-34-4	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:16	1
MeFOSAA	2355-31-9	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:16	1
EtFOSAA	2991-50-6	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:16	1
PFUnA	2058-94-8	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:16	1
PFDS	335-77-3	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:16	1
PFDoA	307-55-1	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:16	1
PFTrDA	72629-94-8	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:16	1
PFTeDA	376-06-7	ND	2.88	5.25	8.42	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:16	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	94.7	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:16	1
13C3-PFPeA	IS	83.2	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:16	1
13C3-PFBS	IS	91.4	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:16	1
13C2-PFHxA	IS	91.4	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:16	1
13C4-PFHpA	IS	105	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:16	1
18O2-PFHxS	IS	84.2	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:16	1
13C2-6:2 FTS	IS	95.1	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:16	1
13C2-PFOA	IS	91.3	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:16	1
13C5-PFNA	IS	80.4	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:16	1
13C8-PFOSA	IS	14.8	50 - 150	H	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:16	1
13C8-PFOS	IS	96.9	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:16	1
13C2-PFDA	IS	68.7	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:16	1
13C2-8:2 FTS	IS	91.8	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:16	1
d3-MeFOSAA	IS	63.6	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:16	1
d5-EtFOSAA	IS	65.0	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:16	1
13C2-PFUnA	IS	73.5	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:16	1

Sample ID: BPSI-TT-MW313S-2018020

PFAS Isotope Dilution Method

Client Data

Name: Tetra Tech
Project: Bethpage
Matrix: Groundwater
Date Collected: 20-Sep-18 09:45

Laboratory Data

Lab Sample: 1803120-17
Date Received: 21-Sep-18 09:09
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	17.5	2.97	5.43	8.67		B8I0206	01-Oct-18	0.115 L	07-Oct-18 17:33	1
PFPeA	2706-90-3	44.4	2.97	5.43	8.67		B8I0206	01-Oct-18	0.115 L	07-Oct-18 17:33	1
PFBS	375-73-5	ND	2.97	5.43	8.67	U	B8I0206	01-Oct-18	0.115 L	07-Oct-18 17:33	1
PFHxA	307-24-4	27.5	2.97	5.43	8.67		B8I0206	01-Oct-18	0.115 L	07-Oct-18 17:33	1
PFHpA	375-85-9	18.2	2.97	5.43	8.67		B8I0206	01-Oct-18	0.115 L	07-Oct-18 17:33	1
PFHxS	355-46-4	ND	2.97	5.43	8.67	U	B8I0206	01-Oct-18	0.115 L	07-Oct-18 17:33	1
6:2 FTS	27619-97-2	ND	2.97	5.43	8.67	U	B8I0206	01-Oct-18	0.115 L	07-Oct-18 17:33	1
PFOA	335-67-1	7.98	2.97	5.43	8.67	J	B8I0206	01-Oct-18	0.115 L	07-Oct-18 17:33	1
PFHpS	375-92-8	ND	2.97	5.43	8.67	U	B8I0206	01-Oct-18	0.115 L	07-Oct-18 17:33	1
PFNA	375-95-1	3.87	2.97	5.43	8.67	J	B8I0206	01-Oct-18	0.115 L	07-Oct-18 17:33	1
PFOSA	754-91-6	ND	2.97	5.43	8.67	U	B8I0206	01-Oct-18	0.115 L	07-Oct-18 17:33	1
PFOS	1763-23-1	5.77	2.97	5.43	8.67	J	B8I0206	01-Oct-18	0.115 L	07-Oct-18 17:33	1
PFDA	335-76-2	ND	2.97	5.43	8.67	U	B8I0206	01-Oct-18	0.115 L	07-Oct-18 17:33	1
8:2 FTS	39108-34-4	ND	2.97	5.43	8.67	U	B8I0206	01-Oct-18	0.115 L	07-Oct-18 17:33	1
MeFOSAA	2355-31-9	ND	2.97	5.43	8.67	U	B8I0206	01-Oct-18	0.115 L	07-Oct-18 17:33	1
EtFOSAA	2991-50-6	ND	2.97	5.43	8.67	U	B8I0206	01-Oct-18	0.115 L	07-Oct-18 17:33	1
PFUnA	2058-94-8	ND	2.97	5.43	8.67	U	B8I0206	01-Oct-18	0.115 L	07-Oct-18 17:33	1
PFDS	335-77-3	ND	2.97	5.43	8.67	U	B8I0206	01-Oct-18	0.115 L	07-Oct-18 17:33	1
PFDoA	307-55-1	ND	2.97	5.43	8.67	U	B8I0206	01-Oct-18	0.115 L	07-Oct-18 17:33	1
PFTrDA	72629-94-8	ND	2.97	5.43	8.67	U	B8I0206	01-Oct-18	0.115 L	07-Oct-18 17:33	1
PFTeDA	376-06-7	ND	2.97	5.43	8.67	U	B8I0206	01-Oct-18	0.115 L	07-Oct-18 17:33	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	94.5	50 - 150		B8I0206	01-Oct-18	0.115 L	07-Oct-18 17:33	1
13C3-PFPeA	IS	85.7	50 - 150		B8I0206	01-Oct-18	0.115 L	07-Oct-18 17:33	1
13C3-PFBS	IS	89.8	50 - 150		B8I0206	01-Oct-18	0.115 L	07-Oct-18 17:33	1
13C2-PFHxA	IS	92.7	50 - 150		B8I0206	01-Oct-18	0.115 L	07-Oct-18 17:33	1
13C4-PFHpA	IS	102	50 - 150		B8I0206	01-Oct-18	0.115 L	07-Oct-18 17:33	1
18O2-PFHxS	IS	84.2	50 - 150		B8I0206	01-Oct-18	0.115 L	07-Oct-18 17:33	1
13C2-6:2 FTS	IS	82.3	50 - 150		B8I0206	01-Oct-18	0.115 L	07-Oct-18 17:33	1
13C2-PFOA	IS	91.5	50 - 150		B8I0206	01-Oct-18	0.115 L	07-Oct-18 17:33	1
13C5-PFNA	IS	79.7	50 - 150		B8I0206	01-Oct-18	0.115 L	07-Oct-18 17:33	1
13C8-PFOSA	IS	11.9	50 - 150	H	B8I0206	01-Oct-18	0.115 L	07-Oct-18 17:33	1
13C8-PFOS	IS	89.2	50 - 150		B8I0206	01-Oct-18	0.115 L	07-Oct-18 17:33	1
13C2-PFDA	IS	68.4	50 - 150		B8I0206	01-Oct-18	0.115 L	07-Oct-18 17:33	1
13C2-8:2 FTS	IS	92.7	50 - 150		B8I0206	01-Oct-18	0.115 L	07-Oct-18 17:33	1
d3-MeFOSAA	IS	61.2	50 - 150		B8I0206	01-Oct-18	0.115 L	07-Oct-18 17:33	1
d5-EtFOSAA	IS	67.2	50 - 150		B8I0206	01-Oct-18	0.115 L	07-Oct-18 17:33	1
13C2-PFUnA	IS	77.3	50 - 150		B8I0206	01-Oct-18	0.115 L	07-Oct-18 17:33	1

Sample ID: BB-TT-DUP06-20180920

PFAS Isotope Dilution Method

Client Data

Name: Tetra Tech
Project: Bethpage
Matrix: Groundwater
Date Collected: 20-Sep-18 12:00

Laboratory Data

Lab Sample: 1803120-18
Date Received: 21-Sep-18 09:09
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	17.5	2.87	5.25	8.37		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:43	1
PFPeA	2706-90-3	44.5	2.87	5.25	8.37		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:43	1
PFBS	375-73-5	ND	2.87	5.25	8.37	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:43	1
PFHxA	307-24-4	27.7	2.87	5.25	8.37		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:43	1
PFHpA	375-85-9	18.5	2.87	5.25	8.37		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:43	1
PFHxS	355-46-4	ND	2.87	5.25	8.37	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:43	1
6:2 FTS	27619-97-2	ND	2.87	5.25	8.37	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:43	1
PFOA	335-67-1	7.40	2.87	5.25	8.37	J	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:43	1
PFHpS	375-92-8	ND	2.87	5.25	8.37	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:43	1
PFNA	375-95-1	3.75	2.87	5.25	8.37	J	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:43	1
PFOSA	754-91-6	ND	2.87	5.25	8.37	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:43	1
PFOS	1763-23-1	6.27	2.87	5.25	8.37	J	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:43	1
PFDA	335-76-2	ND	2.87	5.25	8.37	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:43	1
8:2 FTS	39108-34-4	ND	2.87	5.25	8.37	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:43	1
MeFOSAA	2355-31-9	ND	2.87	5.25	8.37	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:43	1
EtFOSAA	2991-50-6	ND	2.87	5.25	8.37	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:43	1
PFUnA	2058-94-8	ND	2.87	5.25	8.37	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:43	1
PFDS	335-77-3	ND	2.87	5.25	8.37	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:43	1
PFDoA	307-55-1	ND	2.87	5.25	8.37	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:43	1
PFTrDA	72629-94-8	ND	2.87	5.25	8.37	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:43	1
PFTeDA	376-06-7	ND	2.87	5.25	8.37	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:43	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	95.5	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:43	1
13C3-PFPeA	IS	84.1	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:43	1
13C3-PFBS	IS	92.8	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:43	1
13C2-PFHxA	IS	92.3	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:43	1
13C4-PFHpA	IS	103	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:43	1
18O2-PFHxS	IS	85.5	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:43	1
13C2-6:2 FTS	IS	65.9	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:43	1
13C2-PFOA	IS	93.0	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:43	1
13C5-PFNA	IS	78.3	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:43	1
13C8-PFOSA	IS	10.3	50 - 150	H	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:43	1
13C8-PFOS	IS	92.7	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:43	1
13C2-PFDA	IS	63.2	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:43	1
13C2-8:2 FTS	IS	73.6	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:43	1
d3-MeFOSAA	IS	53.2	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:43	1
d5-EtFOSAA	IS	56.4	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:43	1
13C2-PFUnA	IS	72.1	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:43	1

Sample ID: BPSI-TT-MW307D-2018020

PFAS Isotope Dilution Method

Client Data

Name: Tetra Tech
Project: Bethpage
Matrix: Groundwater
Date Collected: 20-Sep-18 15:20

Laboratory Data

Lab Sample: 1803120-19
Date Received: 21-Sep-18 09:09
Column: BEH C18

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	4.06	2.87	5.25	8.39	J	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:54	1
PFPeA	2706-90-3	9.74	2.87	5.25	8.39		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:54	1
PFBS	375-73-5	ND	2.87	5.25	8.39	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:54	1
PFHxA	307-24-4	6.36	2.87	5.25	8.39	J	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:54	1
PFHpA	375-85-9	5.09	2.87	5.25	8.39	J, Q	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:54	1
PFHxS	355-46-4	ND	2.87	5.25	8.39	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:54	1
6:2 FTS	27619-97-2	ND	2.87	5.25	8.39	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:54	1
PFOA	335-67-1	8.89	2.87	5.25	8.39		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:54	1
PFHpS	375-92-8	ND	2.87	5.25	8.39	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:54	1
PFNA	375-95-1	3.33	2.87	5.25	8.39	J	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:54	1
PFOSA	754-91-6	ND	2.87	5.25	8.39	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:54	1
PFOS	1763-23-1	7.15	2.87	5.25	8.39	J, Q	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:54	1
PFDA	335-76-2	3.09	2.87	5.25	8.39	J	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:54	1
8:2 FTS	39108-34-4	ND	2.87	5.25	8.39	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:54	1
MeFOSAA	2355-31-9	ND	2.87	5.25	8.39	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:54	1
EtFOSAA	2991-50-6	ND	2.87	5.25	8.39	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:54	1
PFUnA	2058-94-8	ND	2.87	5.25	8.39	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:54	1
PFDS	335-77-3	ND	2.87	5.25	8.39	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:54	1
PFDoA	307-55-1	ND	2.87	5.25	8.39	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:54	1
PFTrDA	72629-94-8	ND	2.87	5.25	8.39	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:54	1
PFTeDA	376-06-7	ND	2.87	5.25	8.39	U	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:54	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	98.2	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:54	1
13C3-PFPeA	IS	90.9	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:54	1
13C3-PFBS	IS	92.1	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:54	1
13C2-PFHxA	IS	97.3	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:54	1
13C4-PFHpA	IS	104	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:54	1
18O2-PFHxS	IS	85.8	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:54	1
13C2-6:2 FTS	IS	64.2	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:54	1
13C2-PFOA	IS	96.6	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:54	1
13C5-PFNA	IS	84.3	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:54	1
13C8-PFOSA	IS	10.2	50 - 150	H	B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:54	1
13C8-PFOS	IS	92.9	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:54	1
13C2-PFDA	IS	71.2	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:54	1
13C2-8:2 FTS	IS	71.4	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:54	1
d3-MeFOSAA	IS	55.6	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:54	1
d5-EtFOSAA	IS	59.3	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:54	1
13C2-PFUnA	IS	76.8	50 - 150		B8I0206	01-Oct-18	0.119 L	07-Oct-18 17:54	1

Appendix C

Support Documents

B. Chain of Custody (COC)

Vista Analytical Laboratory
1104 Windfield Way
El Dorado Hills, CA 95762
(916) 673-1520 • Fax (916)673-0106

Chain of Custody Record

Vista Analytical Laboratory

1803120

0.0°C

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☑Other:

Client Contact	Project Manager: David Brayack	Site Contact: Chuck Meyer	Date:	COC No:
TetraTech	Tel/Fax: (757) 466-4909	Lab Contact: Jade White	Carrier: FedEx	Page 1 of 1
5700 Lake Wright Dr Suite 102	Analysis Turnaround Time			Chuck Meyer
Norfolk, VA 23502	☐CALENDAR DAYS ☐WORKING DAYS			For Lab Use Only:
(757) 466-4909	TAT if different from Below 21			Walk-in Client:
	☐ 2 weeks			Lab Sampling:
Project Name: Bethpage	☐ 1 week			
Site:	☐ 2 days			Job / SDG No.:
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	PFAS (NYSDEC 21-Compound List) EPA 537 Modified	WO # 1803122	Sample Specific Notes:
* BP-TT-FRB08-20180918	9/18/2018	7:30	G	QC	2	N	N	X	X	Field Reagent Blank
BPSI-TT-MW301S-20180918	9/18/2018	10:45	G	GW	2	N	N	X		
BB-TT-DUP05-20180918	9/18/2018	12:00	G	QC	2	N	N	X		Duplicate
BP-HN-MW27I-20180918	9/18/2018	8:55	G	GW	2	N	N	X		
BPSI-TT-MW301D-20180918	9/18/2018	12:10	G	GW	2	N	N	X		
BPSI-TT-MW301I-20180918	9/18/2018	10:40	G	GW	2	N	N	X		
BP-MH-SW4001-20180918	9/18/2018	12:15	G	GW	2	N	N	X		
BP-TT-SW4004-20180918	9/18/2018	12:50	G	GW	2	N	N	X		
BP-TT-SW4002-20180918	9/18/2018	13:20	G	GW	2	N	N	X		
BPSI-TT-MW312I-20180918	9/18/2018	16:00	G	GW	2	N	N	X		
BPSI-TT-MW312S-20180918	9/18/2018	15:25	G	GW	2	N	N	X		
* BP-TT-FRB09-20180919	9/19/2019	9:30	G	QC	2	N	N	X	X	Field Reagent Blank
BPSI-TT-MW310S-20180919	9/19/2018	10:30	G	GW	2	N	N	X		
BPSI-TT-MW311S-20180919	9/19/2018	11:10	G	GW	2	N	N	X		
BPSI-TT-MW311I-20180919	9/19/2018	11:10	G	GW	6	N	Y	X		
BPSI-TT-MW314S-20180919	9/19/2018	14:40	G	GW	2	N	N	X		
BPSI-TT-MW314D-20180919	9/19/2018	16:20	G	GW	2	N	N	X		
BP-TT-EB03-20180919	9/19/2018	15:00	G	AQ	2	N	Y	X		
BPSI-TT-MW313S-2018020	9/20/2018	9:45	G	GW	2	N	N	X		
BB-TT-DUP06-20180920	9/20/2018	12:00	G	GW	2	N	N	X		Duplicate
* BP-TT-FRB10-20180920	920/2019	9:30	G	QC	2	N	N	X	X	Field Reagent Blank
BPSI-TT-MW307D-2018020	920/2019	15:20	G	GW	2	N	N	X		
* WO# 1803122 (FRB's)										
				Total # Containers	48				6	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other: Trizma

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.
☑Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☐Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐Return to Client ☐Disposal by Lab ☐Archive for_____ Months

Fed Ex Tracking: 7732 8315 7719

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd:_____ Corr'd:_____	Therm ID No.:_____
Relinquished by:	Company: Tetra Tech	Date/Time: 9/20/18 13:30	Received by:	Company: VAL	Date/Time: 09/21/18 1034
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

C:\All_Projects\T12G0003\WE13\FTPS\COCs\COC Vista 20180918-19-20-7.xlsx

Appendix C

Support Documents

C. Calculations for Stage 4

PFAS Calculations for SDG 1803120

INITIAL CALIBRATION

RF = $\frac{Ac}{Ais} X \frac{Cis}{Cc}$ Ac = **PFBA** Ais = **13C3-PFBA**

Level	Ac	Ais	Conc. Is	Conc. C	RRF_{calc}
1	**237.918**	**7528.36**	**12.5**	**0.250**	1.5801
2	**384.99**	**7394.414**	**12.5**	**0.500**	1.3016
3	**725.115**	**7353.266**	**12.5**	**1.000**	1.2326
4	**1552.302**	**7493.144**	**12.5**	**2.000**	1.2948
5	**3473.282**	**7482.005**	**12.5**	**5.000**	1.1605
6	**7296.688**	**7395.047**	**12.5**	**10.000**	1.2334
7	**37437.25**	**7795.221**	**12.5**	**50.000**	1.2006
8	**70356.43**	**7420.866**	**12.5**	**100.000**	1.1851
9	**189610.094**	**7118.04**	**12.5**	**250.000**	1.3319
10	**384033.688**	**7244.262**	**12.5**	**500.000**	1.3253
				AVG RRF =	1.2846

SAMPLE QUANTITATION

Sample ID: **BPSI-TT-MW301S-20180918**
Laboratory ID: **1803120**
Compound: **PFBA**

AREA c	AREA istd	CONC istd	Avg RF	Vo	Vs	DL
351	**7550**	**12.5**	**1.2846**	**1**	**0.113**	**1**

Calculated Conc	Reported Conc	%D	istd %R
4.07	**4.12**	-1.20	98.7

DODCMD_ID	INSTALLATION_ID	SDG	SITE_NAME	NORM_SITE_NAME	LOCATION_NAME	LOCATION_TYPE_DESC	COORD_X	COORD_Y	CONTRACT_ID	DO_CTO_NUMBER	CONTR_NAME	SAMPLE_NAME	SAMPLE_MATRIX_DESC	SAMPLE_TYPE_DESC	COLLECT_DATE	ANALYTICAL_METHOD	ANALYTICAL_METHOD_GRP_DESC
MID_ATLANTIC	BETHPAGE_NWIRP	1803120	SITE 00001	SITE 00001	BP-MH-SW4001	Surface water body - nonspecific	1125361.861	215372.779	N6247016D9008	WE13	TETRA TECH NUS, INC.	BP-MH-SW4001-20180918	Ground water	Normal (Regular)	18-Sep-18	537_MOD	Perfluoroalkyl Compounds
MID_ATLANTIC	BETHPAGE_NWIRP	1803120	SITE 00001	SITE 00001	BP-TT-SW4002	Surface water body - nonspecific	1125242.847	215038.8825	N6247016D9008	WE13	TETRA TECH NUS, INC.	BP-TT-SW4002-20180918	Ground water	Normal (Regular)	18-Sep-18	537_MOD	Perfluoroalkyl Compounds
MID_ATLANTIC	BETHPAGE_NWIRP	1803120	SITE 00001	SITE 00001	BP-TT-SW4002	Surface water body - nonspecific	1125242.847	215038.8825	N6247016D9008	WE13	TETRA TECH NUS, INC.	BP-TT-SW4004-20180918	Ground water	Normal (Regular)	18-Sep-18	537_MOD	Perfluoroalkyl Compounds
MID_ATLANTIC	BETHPAGE_NWIRP	1803120							N6247016D9008	WE13	TETRA TECH NUS, INC.	BP-TT-EB03-20180919	Water for QC samples	Equipment blank	19-Sep-18	537_MOD	Perfluoroalkyl Compounds
MID_ATLANTIC	BETHPAGE_NWIRP	1803120	SITE 00001	SITE 00001	BPHNMW27I	Monitoring well	1124951.944	214408.498	N6247016D9008	WE13	TETRA TECH NUS, INC.	BP-HN-MW27I-20180918	Ground water	Normal (Regular)	18-Sep-18	537_MOD	Perfluoroalkyl Compounds
MID_ATLANTIC	BETHPAGE_NWIRP	1803120	SITE 00001	SITE 00001	BPS1-TT-MW301D	Monitoring well	1124880.908	214562.648	N6247016D9008	WE13	TETRA TECH NUS, INC.	BPS1-TT-MW301D-20180918	Ground water	Normal (Regular)	18-Sep-18	537_MOD	Perfluoroalkyl Compounds
MID_ATLANTIC	BETHPAGE_NWIRP	1803120	SITE 00001	SITE 00001	BPS1-TT-MW301I	Monitoring well	1124906.201	214566.279	N6247016D9008	WE13	TETRA TECH NUS, INC.	BPS1-TT-MW301I-20180918	Ground water	Normal (Regular)	18-Sep-18	537_MOD	Perfluoroalkyl Compounds
MID_ATLANTIC	BETHPAGE_NWIRP	1803120	SITE 00001	SITE 00001	BPS1-TT-MW301S	Monitoring well	1124865.194	214560.42	N6247016D9008	WE13	TETRA TECH NUS, INC.	BPS1-TT-MW301S-20180918	Ground water	Normal (Regular)	18-Sep-18	537_MOD	Perfluoroalkyl Compounds
MID_ATLANTIC	BETHPAGE_NWIRP	1803120	SITE 00001	SITE 00001	BPS1-TT-MW301S	Monitoring well	1124865.194	214560.42	N6247016D9008	WE13	TETRA TECH NUS, INC.	BPS1-TT-MW301S-20180918-D	Ground water	Field duplicate	18-Sep-18	537_MOD	Perfluoroalkyl Compounds
MID_ATLANTIC	BETHPAGE_NWIRP	1803120	SITE 00001	SITE 00001	BPS1-TT-MW307D	Monitoring well	1124926.918	213357.307	N6247016D9008	WE13	TETRA TECH NUS, INC.	BPS1-TT-MW307D-20180920	Ground water	Normal (Regular)	20-Sep-18	537_MOD	Perfluoroalkyl Compounds
MID_ATLANTIC	BETHPAGE_NWIRP	1803120	SITE 00002	SITE 00002	BPS1-TT-MW312I	Monitoring well	1125165.865	215327.647	N6247016D9008	WE13	TETRA TECH NUS, INC.	BPS1-TT-MW312I-20180918	Ground water	Normal (Regular)	18-Sep-18	537_MOD	Perfluoroalkyl Compounds
MID_ATLANTIC	BETHPAGE_NWIRP	1803120	SITE 00002	SITE 00002	BPS1-TT-MW312S	Monitoring well	1125165.285	215322.312	N6247016D9008	WE13	TETRA TECH NUS, INC.	BPS1-TT-MW312S-20180918	Ground water	Normal (Regular)	18-Sep-18	537_MOD	Perfluoroalkyl Compounds
MID_ATLANTIC	BETHPAGE_NWIRP	1803120	SITE 00002	SITE 00002	BPS1-TT-MW313S	Monitoring well	1125592.428	215154.779	N6247016D9008	WE13	TETRA TECH NUS, INC.	BPS1-TT-MW313S-20180920	Ground water	Normal (Regular)	20-Sep-18	537_MOD	Perfluoroalkyl Compounds
MID_ATLANTIC	BETHPAGE_NWIRP	1803120	SITE 00002	SITE 00002	BPS1-TT-MW313S	Monitoring well	1125592.428	215154.779	N6247016D9008	WE13	TETRA TECH NUS, INC.	BPS1-TT-MW313S-20180920-D	Ground water	Field duplicate	20-Sep-18	537_MOD	Perfluoroalkyl Compounds
MID_ATLANTIC	BETHPAGE_NWIRP	1803120	SITE 00002	SITE 00002	BPS1-TT-MW314I	Monitoring well	1125572.683	214550.46	N6247016D9008	WE13	TETRA TECH NUS, INC.	BPS1-TT-MW314I-20180919	Ground water	Normal (Regular)	19-Sep-18	537_MOD	Perfluoroalkyl Compounds
MID_ATLANTIC	BETHPAGE_NWIRP	1803120	SITE 00002	SITE 00002	BPS1-TT-MW314S	Monitoring well	1125571.008	214555.481	N6247016D9008	WE13	TETRA TECH NUS, INC.	BPS1-TT-MW314S-20180919	Ground water	Normal (Regular)	19-Sep-18	537_MOD	Perfluoroalkyl Compounds
MID_ATLANTIC	BETHPAGE_NWIRP	1803120	SITE 00003	SITE 00003	BPS1-TT-MW310S	Monitoring well	1124093.163	215489.753	N6247016D9008	WE13	TETRA TECH NUS, INC.	BPS1-TT-MW310S-20180919	Ground water	Normal (Regular)	19-Sep-18	537_MOD	Perfluoroalkyl Compounds
MID_ATLANTIC	BETHPAGE_NWIRP	1803120	SITE 00003	SITE 00003	BPS1-TT-MW311I	Monitoring well	1124599.099	215422.011	N6247016D9008	WE13	TETRA TECH NUS, INC.	BPS1-TT-MW311I-20180919	Ground water	Normal (Regular)	19-Sep-18	537_MOD	Perfluoroalkyl Compounds
MID_ATLANTIC	BETHPAGE_NWIRP	1803120	SITE 00003	SITE 00003	BPS1-TT-MW311S	Monitoring well	1124594.444	215423.402	N6247016D9008	WE13	TETRA TECH NUS, INC.	BPS1-TT-MW311S-20180919	Ground water	Normal (Regular)	19-Sep-18	537_MOD	Perfluoroalkyl Compounds