



**Groundwater Sample Results,
Electronic Data Deliverable, Data Validation Report,
and the Sample Location Report, SDG 1803087**

*Naval Weapons Industrial Reserve Plant Bethpage
Bethpage, New York*

August 2019

"BP-FW-MW03-20180916","Modified EPA 537","Initial","1803087-01","Vista","375-22-4","PFBA","4.41","ng/L","J","2.90","LOD","","TRG","","","8.47","LOQ","YES","-99","","0.118","0.001","5.30",""
"BP-FW-MW03-20180916","Modified EPA 537","Initial","1803087-01","Vista","2706-90-3","PFPeA","5.24","ng/L","J","2.90","LOD","","TRG","","","8.47","LOQ","YES","-99","","0.118","0.001","5.30",""
"BP-FW-MW03-20180916","Modified EPA 537","Initial","1803087-01","Vista","375-73-5","PFBS","5.30","ng/L","UU","2.90","LOD","","TRG","","","8.47","LOQ","YES","-99","","0.118","0.001","5.30",""
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"BP-FW-MW03-20180916","Modified EPA 537","Initial","1803087-01","Vista","375-85-9","PFHpA","3.31","ng/L","J",
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"BP-FW-MW03-20180916","Modified EPA 537","Initial","1803087-01","Vista","375-92-8","PFHpS","5.30","ng/L","UU","2.90","LOD","","TRG","","","8.47","LOQ","YES","-99","","0.118","0.001","5.30",""
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Q","2.90","LOD","","TRG","","","8.47","LOQ","YES","-99","","0.118","0.001","5.30",""
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"BP-FW-MW03-20180916","Modified EPA 537","Initial","1803087-01","Vista","335-76-2","PFDA","5.30","ng/L","UU","2.90","LOD","","TRG","","","8.47","LOQ","YES","-99","","0.118","0.001","5.30",""
"BP-FW-MW03-20180916","Modified EPA 537","Initial","1803087-01","Vista","39108-34-4","8:2
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"BP-FW-MW03-20180916","Modified EPA 537","Initial","1803087-01","Vista","2991-50-6","EtFOSAA","8.72","ng/L","","2.90","LOD","","TRG","","","8.47","LOQ","YES","-99","","0.118","0.001","5.30",""
"BP-FW-MW03-20180916","Modified EPA 537","Initial","1803087-01","Vista","2058-94-8","PFUnA","5.30","ng/L","UU","2.90","LOD","","TRG","","","8.47","LOQ","YES","-99","","0.118","0.001","5.30",""
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"BP-FW-MW03-20180916","Modified EPA 537","Initial","1803087-01","Vista","72629-94-8","PFTTrDA","5.30","ng/L","UU","2.90","LOD","","TRG","","","8.47","LOQ","YES","-99","","0.118","0.001","5.30",""
"BP-FW-MW03-20180916","Modified EPA 537","Initial","1803087-01","Vista","376-06-7","PFTeDA","5.30","ng/L","UU","2.90","LOD","","TRG","","","8.47","LOQ","YES","-99","","0.118","0.001","5.30",""
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"BP-FW-MW03-20180916","Modified EPA 537","Initial","1803087-01","Vista","13C3-PFPeA","13C3-PFPeA","102","%R","","-99","NA","","IS","102","","-99","NA","YES","100","","0.118","0.001","-99",""

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"BP-FW-MW03-20180916","Modified EPA 537","Initial","1803087-01","Vista","13C4-PFHpA","13C4-PFHpA","104","%R","","-99","NA","","IS","104","","-99","NA","YES","100","","0.118","0.001","-99",""

"BP-FW-MW03-20180916","Modified EPA 537","Initial","1803087-01","Vista","18O2-PFHxS","18O2-PFHxS","108","%R","","-99","NA","","IS","108","","-99","NA","YES","100","","0.118","0.001","-99",""

"BP-FW-MW03-20180916","Modified EPA 537","Initial","1803087-01","Vista","13C2-6:2 FTS","13C2-6:2 FTS","93.6","%R","","-99","NA","","IS","93.6","","-99","NA","YES","100","","0.118","0.001","-99",""

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"BP-FW-MW03-20180916","Modified EPA 537","Initial","1803087-01","Vista","13C5-PFNA","13C5-PFNA","87.6","%R","","-99","NA","","IS","87.6","","-99","NA","YES","100","","0.118","0.001","-99",""

"BP-FW-MW03-20180916","Modified EPA 537","Initial","1803087-01","Vista","13C8-PFOSA","13C8-PFOSA","34.4","%R","H","-99","NA","","IS","34.4","","-99","NA","YES","100","","0.118","0.001","-99",""

"BP-FW-MW03-20180916","Modified EPA 537","Initial","1803087-01","Vista","13C8-PFOS","13C8-PFOS","108","%R","","-99","NA","","IS","108","","-99","NA","YES","100","","0.118","0.001","-99",""

"BP-FW-MW03-20180916","Modified EPA 537","Initial","1803087-01","Vista","13C2-PFDA","13C2-PFDA","82.2","%R","","-99","NA","","IS","82.2","","-99","NA","YES","100","","0.118","0.001","-99",""

"BP-FW-MW03-20180916","Modified EPA 537","Initial","1803087-01","Vista","13C2-8:2 FTS","13C2-8:2 FTS","97.3","%R","","-99","NA","","IS","97.3","","-99","NA","YES","100","","0.118","0.001","-99",""

"BP-FW-MW03-20180916","Modified EPA 537","Initial","1803087-01","Vista","d3-MeFOSAA","d3-MeFOSAA","82.1","%R","","-99","NA","","IS","82.1","","-99","NA","YES","100","","0.118","0.001","-99",""

"BP-FW-MW03-20180916","Modified EPA 537","Initial","1803087-01","Vista","d5-EtFOSAA","d5-EtFOSAA","88.2","%R","","-99","NA","","IS","88.2","","-99","NA","YES","100","","0.118","0.001","-99",""

"BP-FW-MW03-20180916","Modified EPA 537","Initial","1803087-01","Vista","13C2-PFUnA","13C2-PFUnA","84.8","%R","","-99","NA","","IS","84.8","","-99","NA","YES","100","","0.118","0.001","-99",""

"BP-FW-MW03-20180916","Modified EPA 537","Initial","1803087-01","Vista","13C2-PFDoA","13C2-PFDoA","88.4","%R","","-99","NA","","IS","88.4","","-99","NA","YES","100","","0.118","0.001","-99",""

"BP-FW-MW03-20180916","Modified EPA 537","Initial","1803087-01","Vista","13C2-PFTeDA","13C2-PFTeDA","90.3","%R","","-99","NA","","IS","90.3","","-99","NA","YES","100","","0.118","0.001","-99",""

"BP-FW-MW02-20180916","Modified EPA 537","Initial","1803087-02","Vista","375-22-4","PFBA","10.8","ng/L","","2.86","LOD","","TRG","","","8.34","LOQ","YES","-99","","0.120","0.001","5.21",""

"BP-FW-MW02-20180916","Modified EPA 537","Initial","1803087-02","Vista","2706-90-3","PFPeA","15.7","ng/L","","2.86","LOD","","TRG","","","8.34","LOQ","YES","-99","","0.120","0.001","5.21",""

"BP-FW-MW02-20180916","Modified EPA 537","Initial","1803087-02","Vista","375-73-5","PFBS","5.21","ng/L","UU","2.86","LOD","","TRG","","","8.34","LOQ","YES","-99","","0.120","0.001","5.21",""

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"BP-FW-MW02-20180916","Modified EPA 537","Initial","1803087-02","Vista","375-85-9","PFHpA","9.96","ng/L","","2.86","LOD","","TRG","","","8.34","LOQ","YES","-99","","0.120","0.001","5.21",""

"BP-FW-MW02-20180916","Modified EPA 537","Initial","1803087-02","Vista","355-46-4","PFHxS","5.21","ng/L","UU","2.86","LOD","","TRG","","","8.34","LOQ","YES","-99","","0.120","0.001","5.21",""

"BP-FW-MW02-20180916","Modified EPA 537","Initial","1803087-02","Vista","27619-97-2","6:2 FTS","5.21","ng/L","UU","2.86","LOD","","TRG","","","8.34","LOQ","YES","-99","","0.120","0.001","5.21",""

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"BP-FW-MW02-20180916","Modified EPA 537","Initial","1803087-02","Vista","375-92-8","PFHpS","5.21","ng/L","UU","2.86","LOD","","TRG","","","8.34","LOQ","YES","-99","","0.120","0.001","5.21",""

"BP-FW-MW02-20180916","Modified EPA 537","Initial","1803087-02","Vista","375-95-1","PFNA","9.40","ng/L","","2.86","LOD","","TRG","","","8.34","LOQ","YES","-99","","0.120","0.001","5.21",""

"BP-FW-MW02-20180916","Modified EPA 537","Initial","1803087-02","Vista","754-91-6","PFOSA","5.21","ng/L","UU","2.86","LOD","","TRG","","","8.34","LOQ","YES","-99","","0.120","0.001","5.21",""

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"BP-FW-MW02-20180916","Modified EPA 537","Initial","1803087-02","Vista","1763-23-1","PFOS","112","ng/L","","2.86","LOD","","TRG","","","8.34","LOQ","YES","-99","","0.120","0.001","5.21",""

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"BP-FW-MW02-20180916","Modified EPA 537","Initial","1803087-02","Vista","39108-34-4","8:2 FTS","5.21","ng/L","UU","2.86","LOD","","TRG","","","8.34","LOQ","YES","-99","","0.120","0.001","5.21",""

"BP-FW-MW02-20180916","Modified EPA 537","Initial","1803087-02","Vista","2355-31-9","MeFOSAA","5.21","ng/L","UU","2.86","LOD","","TRG","","","8.34","LOQ","YES","-99","","0.120","0.001","5.21",""

"BP-FW-MW02-20180916","Modified EPA 537","Initial","1803087-02","Vista","2991-50-6","EtFOSAA","5.75","ng/L","J,Q","2.86","LOD","","TRG","","","8.34","LOQ","YES","-99","","0.120","0.001","5.21",""

"BP-FW-MW02-20180916","Modified EPA 537","Initial","1803087-02","Vista","2058-94-8","PFUnA","5.21","ng/L","UU","2.86","LOD","","TRG","","","8.34","LOQ","YES","-99","","0.120","0.001","5.21",""

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"BP-FW-MW02-20180916","Modified EPA 537","Initial","1803087-02","Vista","307-55-1","PFDoA","5.21","ng/L","UU","2.86","LOD","","TRG","","","8.34","LOQ","YES","-99","","0.120","0.001","5.21",""

"BP-FW-MW02-20180916","Modified EPA 537","Initial","1803087-02","Vista","72629-94-8","PFTTrDA","5.21","ng/L","UU","2.86","LOD","","TRG","","","8.34","LOQ","YES","-99","","0.120","0.001","5.21",""

"BP-FW-MW02-20180916","Modified EPA 537","Initial","1803087-02","Vista","376-06-7","PFTeDA","5.21","ng/L","UU","2.86","LOD","","TRG","","","8.34","LOQ","YES","-99","","0.120","0.001","5.21",""

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"BP-FW-MW02-20180916","Modified EPA 537","Initial","1803087-02","Vista","13C3-PFBS","13C3-PFBS","105","%R","","-99","NA","","IS","105","","-99","NA","YES","100","","0.120","0.001","-99",""

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"BP-FW-MW02-20180916","Modified EPA 537","Initial","1803087-02","Vista","13C4-PFHpA","13C4-PFHpA","117","%R","","-99","NA","","IS","117","","-99","NA","YES","100","","0.120","0.001","-99",""

"BP-FW-MW02-20180916","Modified EPA 537","Initial","1803087-02","Vista","18O2-PFHxS","18O2-PFHxS","105","%R","","-99","NA","","IS","105","","-99","NA","YES","100","","0.120","0.001","-99",""

"BP-FW-MW02-20180916","Modified EPA 537","Initial","1803087-02","Vista","13C2-6:2 FTS","13C2-6:2 FTS","103","%R","","-99","NA","","IS","103","","-99","NA","YES","100","","0.120","0.001","-99",""

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MeFOSAA,"91.5","%R","",-99,"NA","","IS","91.5","",-99,"NA","YES","100","","0.120","0.001","-99",""
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PFUnA","83.7","%R","",-99,"NA","","IS","83.7","",-99,"NA","YES","100","","0.120","0.001","-99",""
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4","PFBA","8.77","ng/L","","2.94","LOD","","TRG","","","8.58","LOQ","YES","-99","","0.117","0.001","5.34",""
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3","PFPeA","11.4","ng/L","","2.94","LOD","","TRG","","","8.58","LOQ","YES","-99","","0.117","0.001","5.34",""
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5","PFBS","5.34","ng/L","UU","2.94","LOD","","TRG","","","8.58","LOQ","YES","-99","","0.117","0.001","5.34",""
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4","PFHxA","13.6","ng/L","","2.94","LOD","","TRG","","","8.58","LOQ","YES","-99","","0.117","0.001","5.34",""
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9","PFHpA","14.2","ng/L","","2.94","LOD","","TRG","","","8.58","LOQ","YES","-99","","0.117","0.001","5.34",""
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4","PFHxS","6.59","ng/L","J","2.94","LOD","","TRG","","","8.58","LOQ","YES","-99","","0.117","0.001","5.34",""
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"BP-FW-MW01-20180916","Modified EPA 537","Initial","1803087-03","Vista","39108-34-4","8:2
FTS","5.34","ng/L","UU","2.94","LOD","","TRG","","","8.58","LOQ","YES","-99","","0.117","0.001","5.34",""
"BP-FW-MW01-20180916","Modified EPA 537","Initial","1803087-03","Vista","2355-31-
9","MeFOSAA","5.34","ng/L","UU","2.94","LOD","","TRG","","","8.58","LOQ","YES","-99","","0.117","0.001","5.3
4",""
"BP-FW-MW01-20180916","Modified EPA 537","Initial","1803087-03","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-FW-MW01-20180916","Modified EPA 537","Initial","1803087-03","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-FW-MW01-20180916","Modified EPA 537","Initial","1803087-03","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-FW-MW01-20180916","Modified EPA 537","Initial","1803087-03","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-FW-MW01-20180916","Modified EPA 537","Initial","1803087-03","Vista","72629-94-
8","PFTTrDA","5.34","ng/L","UU","2.94","LOD","","TRG","","","8.58","LOQ","YES","-99","","0.117","0.001","5.34",

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"BP-FW-MW01-20180916","Modified EPA 537","Initial","1803087-03","Vista","376-06-7","PFTeDA","5.34","ng/L","UU","2.90","LOD","","TRG","","","8.58","LOQ","YES","-99","","","0.117","0.001","5.34",
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"BP-FW-MW01-20180916","Modified EPA 537","Initial","1803087-03","Vista","13C3-PFBA","13C3-PFBA","103","%R","","-99","NA","","IS","103","","-99","NA","YES","100","","","0.117","0.001","-99",
"BP-FW-MW01-20180916","Modified EPA 537","Initial","1803087-03","Vista","13C3-PFPeA","13C3-PFPeA","91.2","%R","","-99","NA","","IS","91.2","","-99","NA","YES","100","","","0.117","0.001","-99",
"BP-FW-MW01-20180916","Modified EPA 537","Initial","1803087-03","Vista","13C3-PFBS","13C3-PFBS","102","%R","","-99","NA","","IS","102","","-99","NA","YES","100","","","0.117","0.001","-99",
"BP-FW-MW01-20180916","Modified EPA 537","Initial","1803087-03","Vista","13C2-PFHxA","13C2-PFHxA","98.5","%R","","-99","NA","","IS","98.5","","-99","NA","YES","100","","","0.117","0.001","-99",
"BP-FW-MW01-20180916","Modified EPA 537","Initial","1803087-03","Vista","13C4-PFHpA","13C4-PFHpA","103","%R","","-99","NA","","IS","103","","-99","NA","YES","100","","","0.117","0.001","-99",
"BP-FW-MW01-20180916","Modified EPA 537","Initial","1803087-03","Vista","18O2-PFHxS","18O2-PFHxS","108","%R","","-99","NA","","IS","108","","-99","NA","YES","100","","","0.117","0.001","-99",
"BP-FW-MW01-20180916","Modified EPA 537","Initial","1803087-03","Vista","13C2-6:2 FTS","13C2-6:2 FTS","96.9","%R","","-99","NA","","IS","96.9","","-99","NA","YES","100","","","0.117","0.001","-99",
"BP-FW-MW01-20180916","Modified EPA 537","Initial","1803087-03","Vista","13C2-PFOA","13C2-PFOA","98.5","%R","","-99","NA","","IS","98.5","","-99","NA","YES","100","","","0.117","0.001","-99",
"BP-FW-MW01-20180916","Modified EPA 537","Initial","1803087-03","Vista","13C5-PFNA","13C5-PFNA","81.7","%R","","-99","NA","","IS","81.7","","-99","NA","YES","100","","","0.117","0.001","-99",
"BP-FW-MW01-20180916","Modified EPA 537","Initial","1803087-03","Vista","13C8-PFOSA","13C8-PFOSA","41.1","%R","H","-99","NA","","IS","41.1","","-99","NA","YES","100","","","0.117","0.001","-99",
"BP-FW-MW01-20180916","Modified EPA 537","Initial","1803087-03","Vista","13C8-PFOS","13C8-PFOS","101","%R","","-99","NA","","IS","101","","-99","NA","YES","100","","","0.117","0.001","-99",
"BP-FW-MW01-20180916","Modified EPA 537","Initial","1803087-03","Vista","13C2-PFDA","13C2-PFDA","69.2","%R","","-99","NA","","IS","69.2","","-99","NA","YES","100","","","0.117","0.001","-99",
"BP-FW-MW01-20180916","Modified EPA 537","Initial","1803087-03","Vista","13C2-8:2 FTS","13C2-8:2 FTS","88.4","%R","","-99","NA","","IS","88.4","","-99","NA","YES","100","","","0.117","0.001","-99",
"BP-FW-MW01-20180916","Modified EPA 537","Initial","1803087-03","Vista","d3-MeFOSAA","d3-MeFOSAA","79.5","%R","","-99","NA","","IS","79.5","","-99","NA","YES","100","","","0.117","0.001","-99",
"BP-FW-MW01-20180916","Modified EPA 537","Initial","1803087-03","Vista","d5-EtFOSAA","d5-EtFOSAA","85.0","%R","","-99","NA","","IS","85.0","","-99","NA","YES","100","","","0.117","0.001","-99",
"BP-FW-MW01-20180916","Modified EPA 537","Initial","1803087-03","Vista","13C2-PFUnA","13C2-PFUnA","71.8","%R","","-99","NA","","IS","71.8","","-99","NA","YES","100","","","0.117","0.001","-99",
"BP-FW-MW01-20180916","Modified EPA 537","Initial","1803087-03","Vista","13C2-PFDoA","13C2-PFDoA","77.7","%R","","-99","NA","","IS","77.7","","-99","NA","YES","100","","","0.117","0.001","-99",
"BP-FW-MW01-20180916","Modified EPA 537","Initial","1803087-03","Vista","13C2-PFTeDA","13C2-PFTeDA","85.0","%R","","-99","NA","","IS","85.0","","-99","NA","YES","100","","","0.117","0.001","-99",
"BPSI-TT-MW308S-20180917","Modified EPA 537","Initial","1803087-04","Vista","375-22-4","PFBA","9.02","ng/L","","2.90","LOD","","TRG","","","8.47","LOQ","YES","-99","","","0.118","0.001","5.30",
"BPSI-TT-MW308S-20180917","Modified EPA 537","Initial","1803087-04","Vista","2706-90-3","PFPeA","16.9","ng/L","","2.90","LOD","","TRG","","","8.47","LOQ","YES","-99","","","0.118","0.001","5.30",
"BPSI-TT-MW308S-20180917","Modified EPA 537","Initial","1803087-04","Vista","375-73-5","PFBS","5.30","ng/L","UU","2.90","LOD","","TRG","","","8.47","LOQ","YES","-99","","","0.118","0.001","5.30",
"BPSI-TT-MW308S-20180917","Modified EPA 537","Initial","1803087-04","Vista","307-24-4","PFHxA","14.1","ng/L","","2.90","LOD","","TRG","","","8.47","LOQ","YES","-99","","","0.118","0.001","5.30",
"BPSI-TT-MW308S-20180917","Modified EPA 537","Initial","1803087-04","Vista","375-85-9","PFHpA","13.3","ng/L","","2.90","LOD","","TRG","","","8.47","LOQ","YES","-99","","","0.118","0.001","5.30",
"BPSI-TT-MW308S-20180917","Modified EPA 537","Initial","1803087-04","Vista","355-46-4","PFHxS","5.30","ng/L","UU","2.90","LOD","","TRG","","","8.47","LOQ","YES","-99","","","0.118","0.001","5.30",
"BPSI-TT-MW308S-20180917","Modified EPA 537","Initial","1803087-04","Vista","27619-97-2","6:2 FTS","5.30","ng/L","UU","2.90","LOD","","TRG","","","8.47","LOQ","YES","-99","","","0.118","0.001","5.30",

"BPSI-TT-MW308S-20180917","Modified EPA 537","Initial","1803087-04","Vista","335-67-1","PFOA","18.4","ng/L","","2.90","LOD","","TRG","","","8.47","LOQ","YES","-99","","0.118","0.001","5.30",""
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"BPSI-TT-MW308S-20180917","Modified EPA 537","Initial","1803087-04","Vista","375-95-1","PFNA","5.30","ng/L","UU","2.90","LOD","","TRG","","","8.47","LOQ","YES","-99","","0.118","0.001","5.30",""
"BPSI-TT-MW308S-20180917","Modified EPA 537","Initial","1803087-04","Vista","754-91-6","PFOSA","5.30","ng/L","UU","2.90","LOD","","TRG","","","8.47","LOQ","YES","-99","","0.118","0.001","5.30",""
"BPSI-TT-MW308S-20180917","Modified EPA 537","Initial","1803087-04","Vista","1763-23-1","PFOS","5.30","ng/L","UU","2.90","LOD","","TRG","","","8.47","LOQ","YES","-99","","0.118","0.001","5.30",""
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"BPSI-TT-MW308S-20180917","Modified EPA 537","Initial","1803087-04","Vista","39108-34-4","8:2 FTS","5.30","ng/L","UU","2.90","LOD","","TRG","","","8.47","LOQ","YES","-99","","0.118","0.001","5.30",""
"BPSI-TT-MW308S-20180917","Modified EPA 537","Initial","1803087-04","Vista","2355-31-9","MeFOSAA","5.30","ng/L","UU","2.90","LOD","","TRG","","","8.47","LOQ","YES","-99","","0.118","0.001","5.30",""
"BPSI-TT-MW308S-20180917","Modified EPA 537","Initial","1803087-04","Vista","2991-50-6","EtFOSAA","5.30","ng/L","UU","2.90","LOD","","TRG","","","8.47","LOQ","YES","-99","","0.118","0.001","5.30",""
"BPSI-TT-MW308S-20180917","Modified EPA 537","Initial","1803087-04","Vista","2058-94-8","PFUnA","5.30","ng/L","UU","2.90","LOD","","TRG","","","8.47","LOQ","YES","-99","","0.118","0.001","5.30",""
"BPSI-TT-MW308S-20180917","Modified EPA 537","Initial","1803087-04","Vista","335-77-3","PFDS","5.30","ng/L","UU","2.90","LOD","","TRG","","","8.47","LOQ","YES","-99","","0.118","0.001","5.30",""
"BPSI-TT-MW308S-20180917","Modified EPA 537","Initial","1803087-04","Vista","307-55-1","PFDoA","5.30","ng/L","UU","2.90","LOD","","TRG","","","8.47","LOQ","YES","-99","","0.118","0.001","5.30",""
"BPSI-TT-MW308S-20180917","Modified EPA 537","Initial","1803087-04","Vista","72629-94-8","PFTTrDA","5.30","ng/L","UU","2.90","LOD","","TRG","","","8.47","LOQ","YES","-99","","0.118","0.001","5.30",""
"BPSI-TT-MW308S-20180917","Modified EPA 537","Initial","1803087-04","Vista","376-06-7","PFTeDA","5.30","ng/L","UU","2.90","LOD","","TRG","","","8.47","LOQ","YES","-99","","0.118","0.001","5.30",""
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PFOSA", "58.8", "%R", "", "-99", "NA", "", "IS", "58.8", "", "-99", "NA", "YES", "100", "", "0.118", "0.001", "-99", ""
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PFDA", "75.4", "%R", "", "-99", "NA", "", "IS", "75.4", "", "-99", "NA", "YES", "100", "", "0.118", "0.001", "-99", ""
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FTS", "104", "%R", "", "-99", "NA", "", "IS", "104", "", "-99", "NA", "YES", "100", "", "0.118", "0.001", "-99", ""
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EtFOSAA", "83.3", "%R", "", "-99", "NA", "", "IS", "83.3", "", "-99", "NA", "YES", "100", "", "0.118", "0.001", "-99", ""
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PFDoA", "82.5", "%R", "", "-99", "NA", "", "IS", "82.5", "", "-99", "NA", "YES", "100", "", "0.118", "0.001", "-99", ""
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PFTeDA", "92.7", "%R", "", "-99", "NA", "", "IS", "92.7", "", "-99", "NA", "YES", "100", "", "0.118", "0.001", "-99", ""
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4", "PFBA", "6.67", "ng/L", "J", "2.97", "LOD", "", "TRG", "", "", "8.68", "LOQ", "YES", "-99", "", "0.115", "0.001", "5.43", ""
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3", "PFPeA", "8.96", "ng/L", "", "2.97", "LOD", "", "TRG", "", "", "8.68", "LOQ", "YES", "-99", "", "0.115", "0.001", "5.43", ""
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4", "PFHxA", "12.8", "ng/L", "", "2.97", "LOD", "", "TRG", "", "", "8.68", "LOQ", "YES", "-99", "", "0.115", "0.001", "5.43", ""
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9", "PFHpA", "11.0", "ng/L", "", "2.97", "LOD", "", "TRG", "", "", "8.68", "LOQ", "YES", "-99", "", "0.115", "0.001", "5.43", ""
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4", "PFHxS", "3.53", "ng/L", "J", "2.97", "LOD", "", "TRG", "", "", "8.68", "LOQ", "YES", "-99", "", "0.115", "0.001", "5.43", ""
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1", "PFOA", "43.4", "ng/L", "", "2.97", "LOD", "", "TRG", "", "", "8.68", "LOQ", "YES", "-99", "", "0.115", "0.001", "5.43", ""
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8", "PFHpS", "5.43", "ng/L", "UU", "2.97", "LOD", "", "TRG", "", "", "8.68", "LOQ", "YES", "-99", "", "0.115", "0.001", "5.43", ""
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1", "PFNA", "5.43", "ng/L", "UU", "2.97", "LOD", "", "TRG", "", "", "8.68", "LOQ", "YES", "-99", "", "0.115", "0.001", "5.43", ""
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6", "PFOSA", "5.43", "ng/L", "UU", "2.97", "LOD", "", "TRG", "", "", "8.68", "LOQ", "YES", "-99", "", "0.115", "0.001", "5.43", ""
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1", "PFOS", "13.5", "ng/L", "Q", "2.97", "LOD", "", "TRG", "", "", "8.68", "LOQ", "YES", "-99", "", "0.115", "0.001", "5.43", ""
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2", "PFDA", "5.43", "ng/L", "UU", "2.97", "LOD", "", "TRG", "", "", "8.68", "LOQ", "YES", "-99", "", "0.115", "0.001", "5.43", ""
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9", "MeFOSAA", "5.43", "ng/L", "UU", "2.97", "LOD", "", "TRG", "", "", "8.68", "LOQ", "YES", "-99", "", "0.115", "0.001", "5.4
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6", "EtFOSAA", "5.43", "ng/L", "UU", "2.97", "LOD", "", "TRG", "", "", "8.68", "LOQ", "YES", "-99", "", "0.115", "0.001", "5.43
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8", "PFUnA", "5.43", "ng/L", "UU", "2.97", "LOD", "", "TRG", "", "", "8.68", "LOQ", "YES", "-99", "", "0.115", "0.001", "5.43", "

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"BPSI-TT-MW304S-20180917","Modified EPA 537","Initial","1803087-05","Vista","335-77-3","PFDS","5.43","ng/L","UU","2.97","LOD","","TRG","","","8.68","LOQ","YES","-99","","","0.115","0.001","5.43",""
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"BPSI-TT-MW304S-20180917","Modified EPA 537","Initial","1803087-05","Vista","72629-94-8","PFTTrDA","5.43","ng/L","UU","2.97","LOD","","TRG","","","8.68","LOQ","YES","-99","","","0.115","0.001","5.43",""
""

"BPSI-TT-MW304S-20180917","Modified EPA 537","Initial","1803087-05","Vista","376-06-7","PFTeDA","5.43","ng/L","UU","2.97","LOD","","TRG","","","8.68","LOQ","YES","-99","","","0.115","0.001","5.43",""
""

"BPSI-TT-MW304S-20180917","Modified EPA 537","Initial","1803087-05","Vista","13C3-PFBA","13C3-PFBA","105","%R","","-99","NA","","IS","105","","-99","NA","YES","100","","","0.115","0.001","-99",""
"BPSI-TT-MW304S-20180917","Modified EPA 537","Initial","1803087-05","Vista","13C3-PFPeA","13C3-PFPeA","99.7","%R","","-99","NA","","IS","99.7","","-99","NA","YES","100","","","0.115","0.001","-99",""
"BPSI-TT-MW304S-20180917","Modified EPA 537","Initial","1803087-05","Vista","13C3-PFBS","13C3-PFBS","104","%R","","-99","NA","","IS","104","","-99","NA","YES","100","","","0.115","0.001","-99",""
"BPSI-TT-MW304S-20180917","Modified EPA 537","Initial","1803087-05","Vista","13C2-PFHxA","13C2-PFHxA","100","%R","","-99","NA","","IS","100","","-99","NA","YES","100","","","0.115","0.001","-99",""
"BPSI-TT-MW304S-20180917","Modified EPA 537","Initial","1803087-05","Vista","13C4-PFHpA","13C4-PFHpA","103","%R","","-99","NA","","IS","103","","-99","NA","YES","100","","","0.115","0.001","-99",""
"BPSI-TT-MW304S-20180917","Modified EPA 537","Initial","1803087-05","Vista","18O2-PFHxS","18O2-PFHxS","102","%R","","-99","NA","","IS","102","","-99","NA","YES","100","","","0.115","0.001","-99",""
"BPSI-TT-MW304S-20180917","Modified EPA 537","Initial","1803087-05","Vista","13C2-6:2 FTS","13C2-6:2 FTS","93.4","%R","","-99","NA","","IS","93.4","","-99","NA","YES","100","","","0.115","0.001","-99",""
"BPSI-TT-MW304S-20180917","Modified EPA 537","Initial","1803087-05","Vista","13C2-PFOA","13C2-PFOA","102","%R","","-99","NA","","IS","102","","-99","NA","YES","100","","","0.115","0.001","-99",""
"BPSI-TT-MW304S-20180917","Modified EPA 537","Initial","1803087-05","Vista","13C5-PFNA","13C5-PFNA","90.7","%R","","-99","NA","","IS","90.7","","-99","NA","YES","100","","","0.115","0.001","-99",""
"BPSI-TT-MW304S-20180917","Modified EPA 537","Initial","1803087-05","Vista","13C8-PFOA","13C8-PFOA","55.8","%R","","-99","NA","","IS","55.8","","-99","NA","YES","100","","","0.115","0.001","-99",""
"BPSI-TT-MW304S-20180917","Modified EPA 537","Initial","1803087-05","Vista","13C8-PFOS","13C8-PFOS","102","%R","","-99","NA","","IS","102","","-99","NA","YES","100","","","0.115","0.001","-99",""
"BPSI-TT-MW304S-20180917","Modified EPA 537","Initial","1803087-05","Vista","13C2-PFDA","13C2-PFDA","76.3","%R","","-99","NA","","IS","76.3","","-99","NA","YES","100","","","0.115","0.001","-99",""
"BPSI-TT-MW304S-20180917","Modified EPA 537","Initial","1803087-05","Vista","13C2-8:2 FTS","13C2-8:2 FTS","99.9","%R","","-99","NA","","IS","99.9","","-99","NA","YES","100","","","0.115","0.001","-99",""
"BPSI-TT-MW304S-20180917","Modified EPA 537","Initial","1803087-05","Vista","d3-MeFOSAA","d3-MeFOSAA","78.4","%R","","-99","NA","","IS","78.4","","-99","NA","YES","100","","","0.115","0.001","-99",""
"BPSI-TT-MW304S-20180917","Modified EPA 537","Initial","1803087-05","Vista","d5-EtFOSAA","d5-EtFOSAA","82.4","%R","","-99","NA","","IS","82.4","","-99","NA","YES","100","","","0.115","0.001","-99",""
"BPSI-TT-MW304S-20180917","Modified EPA 537","Initial","1803087-05","Vista","13C2-PFUnA","13C2-PFUnA","88.9","%R","","-99","NA","","IS","88.9","","-99","NA","YES","100","","","0.115","0.001","-99",""
"BPSI-TT-MW304S-20180917","Modified EPA 537","Initial","1803087-05","Vista","13C2-PFDoA","13C2-PFDoA","80.2","%R","","-99","NA","","IS","80.2","","-99","NA","YES","100","","","0.115","0.001","-99",""
"BPSI-TT-MW304S-20180917","Modified EPA 537","Initial","1803087-05","Vista","13C2-PFTeDA","13C2-PFTeDA","101","%R","","-99","NA","","IS","101","","-99","NA","YES","100","","","0.115","0.001","-99",""
"BPSI-TT-MW304D-20180917","Modified EPA 537","Initial","1803087-06","Vista","375-22-4","PFBA","3.02","ng/L","J","2.83","LOD","","TRG","","","8.27","LOQ","YES","-99","","","0.121","0.001","5.17",""
"BPSI-TT-MW304D-20180917","Modified EPA 537","Initial","1803087-06","Vista","2706-90-3","PFPeA","4.87","ng/L","J","2.83","LOD","","TRG","","","8.27","LOQ","YES","-99","","","0.121","0.001","5.17",""
"BPSI-TT-MW304D-20180917","Modified EPA 537","Initial","1803087-06","Vista","375-73-5","PFBS","5.17","ng/L","UU","2.83","LOD","","TRG","","","8.27","LOQ","YES","-99","","","0.121","0.001","5.17",""

"BPSI-TT-MW304D-20180917","Modified EPA 537","Initial","1803087-06","Vista","307-24-4","PFHxA","4.05","ng/L","J","2.83","LOD","","TRG","","","8.27","LOQ","YES","-99","","0.121","0.001","5.17",""
"BPSI-TT-MW304D-20180917","Modified EPA 537","Initial","1803087-06","Vista","375-85-9","PFHpA","4.07","ng/L","J","2.83","LOD","","TRG","","","8.27","LOQ","YES","-99","","0.121","0.001","5.17",""
"BPSI-TT-MW304D-20180917","Modified EPA 537","Initial","1803087-06","Vista","355-46-4","PFHxS","5.17","ng/L","UU","2.83","LOD","","TRG","","","8.27","LOQ","YES","-99","","0.121","0.001","5.17",""
"BPSI-TT-MW304D-20180917","Modified EPA 537","Initial","1803087-06","Vista","27619-97-2","6:2 FTS","5.17","ng/L","UU","2.83","LOD","","TRG","","","8.27","LOQ","YES","-99","","0.121","0.001","5.17",""
"BPSI-TT-MW304D-20180917","Modified EPA 537","Initial","1803087-06","Vista","335-67-1","PFOA","9.62","ng/L","","2.83","LOD","","TRG","","","8.27","LOQ","YES","-99","","0.121","0.001","5.17",""
"BPSI-TT-MW304D-20180917","Modified EPA 537","Initial","1803087-06","Vista","375-92-8","PFHpS","5.17","ng/L","UU","2.83","LOD","","TRG","","","8.27","LOQ","YES","-99","","0.121","0.001","5.17",""
"BPSI-TT-MW304D-20180917","Modified EPA 537","Initial","1803087-06","Vista","375-95-1","PFNA","5.17","ng/L","UU","2.83","LOD","","TRG","","","8.27","LOQ","YES","-99","","0.121","0.001","5.17",""
"BPSI-TT-MW304D-20180917","Modified EPA 537","Initial","1803087-06","Vista","754-91-6","PFOSA","5.17","ng/L","UU","2.83","LOD","","TRG","","","8.27","LOQ","YES","-99","","0.121","0.001","5.17",""
"
"BPSI-TT-MW304D-20180917","Modified EPA 537","Initial","1803087-06","Vista","1763-23-1","PFOS","3.88","ng/L","J","2.83","LOD","","TRG","","","8.27","LOQ","YES","-99","","0.121","0.001","5.17",""
"BPSI-TT-MW304D-20180917","Modified EPA 537","Initial","1803087-06","Vista","335-76-2","PFDA","3.89","ng/L","J, Q","2.83","LOD","","TRG","","","8.27","LOQ","YES","-99","","0.121","0.001","5.17",""
"BPSI-TT-MW304D-20180917","Modified EPA 537","Initial","1803087-06","Vista","39108-34-4","8:2 FTS","5.17","ng/L","UU","2.83","LOD","","TRG","","","8.27","LOQ","YES","-99","","0.121","0.001","5.17",""
"BPSI-TT-MW304D-20180917","Modified EPA 537","Initial","1803087-06","Vista","2355-31-9","MeFOSAA","5.17","ng/L","UU","2.83","LOD","","TRG","","","8.27","LOQ","YES","-99","","0.121","0.001","5.17",""
"
"BPSI-TT-MW304D-20180917","Modified EPA 537","Initial","1803087-06","Vista","2991-50-6","EtFOSAA","5.17","ng/L","UU","2.83","LOD","","TRG","","","8.27","LOQ","YES","-99","","0.121","0.001","5.17",""
"
"BPSI-TT-MW304D-20180917","Modified EPA 537","Initial","1803087-06","Vista","2058-94-8","PFUnA","5.17","ng/L","UU","2.83","LOD","","TRG","","","8.27","LOQ","YES","-99","","0.121","0.001","5.17",""
"
"BPSI-TT-MW304D-20180917","Modified EPA 537","Initial","1803087-06","Vista","335-77-3","PFDS","5.17","ng/L","UU","2.83","LOD","","TRG","","","8.27","LOQ","YES","-99","","0.121","0.001","5.17",""
"BPSI-TT-MW304D-20180917","Modified EPA 537","Initial","1803087-06","Vista","307-55-1","PFDoA","5.17","ng/L","UU","2.83","LOD","","TRG","","","8.27","LOQ","YES","-99","","0.121","0.001","5.17",""
"
"BPSI-TT-MW304D-20180917","Modified EPA 537","Initial","1803087-06","Vista","72629-94-8","PFTTrDA","5.17","ng/L","UU","2.83","LOD","","TRG","","","8.27","LOQ","YES","-99","","0.121","0.001","5.17",""
"
"BPSI-TT-MW304D-20180917","Modified EPA 537","Initial","1803087-06","Vista","376-06-7","PFTeDA","5.17","ng/L","UU","2.83","LOD","","TRG","","","8.27","LOQ","YES","-99","","0.121","0.001","5.17",""
"
"BPSI-TT-MW304D-20180917","Modified EPA 537","Initial","1803087-06","Vista","13C3-PFBA","13C3-PFBA","102","%R","","-99","NA","","IS","102","","-99","NA","YES","100","","0.121","0.001","-99",""
"BPSI-TT-MW304D-20180917","Modified EPA 537","Initial","1803087-06","Vista","13C3-PFPeA","13C3-PFPeA","90.3","%R","","-99","NA","","IS","90.3","","-99","NA","YES","100","","0.121","0.001","-99",""
"BPSI-TT-MW304D-20180917","Modified EPA 537","Initial","1803087-06","Vista","13C3-PFBS","13C3-PFBS","97.8","%R","","-99","NA","","IS","97.8","","-99","NA","YES","100","","0.121","0.001","-99",""
"BPSI-TT-MW304D-20180917","Modified EPA 537","Initial","1803087-06","Vista","13C2-PFHxA","13C2-PFHxA","93.6","%R","","-99","NA","","IS","93.6","","-99","NA","YES","100","","0.121","0.001","-99",""
"BPSI-TT-MW304D-20180917","Modified EPA 537","Initial","1803087-06","Vista","13C4-PFHpA","13C4-PFHpA","101","%R","","-99","NA","","IS","101","","-99","NA","YES","100","","0.121","0.001","-99",""
"BPSI-TT-MW304D-20180917","Modified EPA 537","Initial","1803087-06","Vista","18O2-PFHxS","18O2-

PFHxS","103","%R","",-99,"NA","","IS","103","",-99,"NA","YES","100","","0.121","0.001","-99",""
"BPSI-TT-MW304D-20180917","Modified EPA 537","Initial","1803087-06","Vista","13C2-6:2 FTS","13C2-6:2
FTS","93.9","%R","",-99,"NA","","IS","93.9","",-99,"NA","YES","100","","0.121","0.001","-99",""
"BPSI-TT-MW304D-20180917","Modified EPA 537","Initial","1803087-06","Vista","13C2-PFOA","13C2-
PFOA","87.9","%R","",-99,"NA","","IS","87.9","",-99,"NA","YES","100","","0.121","0.001","-99",""
"BPSI-TT-MW304D-20180917","Modified EPA 537","Initial","1803087-06","Vista","13C5-PFNA","13C5-
PFNA","82.0","%R","",-99,"NA","","IS","82.0","",-99,"NA","YES","100","","0.121","0.001","-99",""
"BPSI-TT-MW304D-20180917","Modified EPA 537","Initial","1803087-06","Vista","13C8-PFOA","13C8-
PFOA","46.3","%R","H","-99,"NA","","IS","46.3","",-99,"NA","YES","100","","0.121","0.001","-99",""
"BPSI-TT-MW304D-20180917","Modified EPA 537","Initial","1803087-06","Vista","13C8-PFOS","13C8-
PFOS","101","%R","",-99,"NA","","IS","101","",-99,"NA","YES","100","","0.121","0.001","-99",""
"BPSI-TT-MW304D-20180917","Modified EPA 537","Initial","1803087-06","Vista","13C2-PFDA","13C2-
PFDA","69.0","%R","",-99,"NA","","IS","69.0","",-99,"NA","YES","100","","0.121","0.001","-99",""
"BPSI-TT-MW304D-20180917","Modified EPA 537","Initial","1803087-06","Vista","13C2-8:2 FTS","13C2-8:2
FTS","87.1","%R","",-99,"NA","","IS","87.1","",-99,"NA","YES","100","","0.121","0.001","-99",""
"BPSI-TT-MW304D-20180917","Modified EPA 537","Initial","1803087-06","Vista","d3-MeFOSAA","d3-
MeFOSAA","68.2","%R","",-99,"NA","","IS","68.2","",-99,"NA","YES","100","","0.121","0.001","-99",""
"BPSI-TT-MW304D-20180917","Modified EPA 537","Initial","1803087-06","Vista","d5-EtFOSAA","d5-
EtFOSAA","76.7","%R","",-99,"NA","","IS","76.7","",-99,"NA","YES","100","","0.121","0.001","-99",""
"BPSI-TT-MW304D-20180917","Modified EPA 537","Initial","1803087-06","Vista","13C2-PFUnA","13C2-
PFUnA","71.3","%R","",-99,"NA","","IS","71.3","",-99,"NA","YES","100","","0.121","0.001","-99",""
"BPSI-TT-MW304D-20180917","Modified EPA 537","Initial","1803087-06","Vista","13C2-PFDoA","13C2-
PFDoA","73.8","%R","",-99,"NA","","IS","73.8","",-99,"NA","YES","100","","0.121","0.001","-99",""
"BPSI-TT-MW304D-20180917","Modified EPA 537","Initial","1803087-06","Vista","13C2-PFTeDA","13C2-
PFTeDA","82.9","%R","",-99,"NA","","IS","82.9","",-99,"NA","YES","100","","0.121","0.001","-99",""
"BPSI-TT-MW304I1-20180917","Modified EPA 537","Initial","1803087-07","Vista","375-22-
4","PFBA","4.27","ng/L","J","2.82","LOD","","TRG","","","8.24","LOQ","YES","-99","","0.121","0.001","5.17",""
"BPSI-TT-MW304I1-20180917","Modified EPA 537","Initial","1803087-07","Vista","2706-90-
3","PFPeA","3.27","ng/L","J","2.82","LOD","","TRG","","","8.24","LOQ","YES","-99","","0.121","0.001","5.17",""
"BPSI-TT-MW304I1-20180917","Modified EPA 537","Initial","1803087-07","Vista","375-73-
5","PFBS","5.17","ng/L","UU","2.82","LOD","","TRG","","","8.24","LOQ","YES","-99","","0.121","0.001","5.17",""
"BPSI-TT-MW304I1-20180917","Modified EPA 537","Initial","1803087-07","Vista","307-24-
4","PFHxA","3.04","ng/L","J","2.82","LOD","","TRG","","","8.24","LOQ","YES","-99","","0.121","0.001","5.17",""
"BPSI-TT-MW304I1-20180917","Modified EPA 537","Initial","1803087-07","Vista","375-85-
9","PFHpA","3.00","ng/L","J","2.82","LOD","","TRG","","","8.24","LOQ","YES","-99","","0.121","0.001","5.17",""
"BPSI-TT-MW304I1-20180917","Modified EPA 537","Initial","1803087-07","Vista","355-46-
4","PFHxS","5.17","ng/L","UU","2.82","LOD","","TRG","","","8.24","LOQ","YES","-99","","0.121","0.001","5.17",""
"BPSI-TT-MW304I1-20180917","Modified EPA 537","Initial","1803087-07","Vista","27619-97-2","6:2
FTS","5.17","ng/L","UU","2.82","LOD","","TRG","","","8.24","LOQ","YES","-99","","0.121","0.001","5.17",""
"BPSI-TT-MW304I1-20180917","Modified EPA 537","Initial","1803087-07","Vista","335-67-
1","PFOA","6.52","ng/L","J","2.82","LOD","","TRG","","","8.24","LOQ","YES","-99","","0.121","0.001","5.17",""
"BPSI-TT-MW304I1-20180917","Modified EPA 537","Initial","1803087-07","Vista","375-92-
8","PFHpS","5.17","ng/L","UU","2.82","LOD","","TRG","","","8.24","LOQ","YES","-99","","0.121","0.001","5.17",""
"BPSI-TT-MW304I1-20180917","Modified EPA 537","Initial","1803087-07","Vista","375-95-
1","PFNA","3.57","ng/L","J","2.82","LOD","","TRG","","","8.24","LOQ","YES","-99","","0.121","0.001","5.17",""
"BPSI-TT-MW304I1-20180917","Modified EPA 537","Initial","1803087-07","Vista","754-91-
6","PFOSA","5.17","ng/L","UU","2.82","LOD","","TRG","","","8.24","LOQ","YES","-99","","0.121","0.001","5.17",""
"
"BPSI-TT-MW304I1-20180917","Modified EPA 537","Initial","1803087-07","Vista","1763-23-
1","PFOS","6.36","ng/L","J, Q","2.82","LOD","","TRG","","","8.24","LOQ","YES","-99","","0.121","0.001","5.17",""
"BPSI-TT-MW304I1-20180917","Modified EPA 537","Initial","1803087-07","Vista","335-76-
2","PFDA","5.17","ng/L","UU","2.82","LOD","","TRG","","","8.24","LOQ","YES","-99","","0.121","0.001","5.17",""
"BPSI-TT-MW304I1-20180917","Modified EPA 537","Initial","1803087-07","Vista","39108-34-4","8:2
FTS","5.17","ng/L","UU","2.82","LOD","","TRG","","","8.24","LOQ","YES","-99","","0.121","0.001","5.17",""

"BPSI-TT-MW304I1-20180917","Modified EPA 537","Initial","1803087-07","Vista","2355-31-9","MeFOSAA","5.17","ng/L","UU","2.82","LOD","","TRG","","","8.24","LOQ","YES","-99","","","0.121","0.001","5.17",""

"BPSI-TT-MW304I1-20180917","Modified EPA 537","Initial","1803087-07","Vista","2991-50-6","EtFOSAA","5.17","ng/L","UU","2.82","LOD","","TRG","","","8.24","LOQ","YES","-99","","","0.121","0.001","5.17",""

"BPSI-TT-MW304I1-20180917","Modified EPA 537","Initial","1803087-07","Vista","2058-94-8","PFUnA","5.17","ng/L","UU","2.82","LOD","","TRG","","","8.24","LOQ","YES","-99","","","0.121","0.001","5.17",""

"BPSI-TT-MW304I1-20180917","Modified EPA 537","Initial","1803087-07","Vista","335-77-3","PFDS","5.17","ng/L","UU","2.82","LOD","","TRG","","","8.24","LOQ","YES","-99","","","0.121","0.001","5.17",""

"BPSI-TT-MW304I1-20180917","Modified EPA 537","Initial","1803087-07","Vista","307-55-1","PFDaA","5.17","ng/L","UU","2.82","LOD","","TRG","","","8.24","LOQ","YES","-99","","","0.121","0.001","5.17",""

"BPSI-TT-MW304I1-20180917","Modified EPA 537","Initial","1803087-07","Vista","72629-94-8","PFTTrDA","5.17","ng/L","UU","2.82","LOD","","TRG","","","8.24","LOQ","YES","-99","","","0.121","0.001","5.17",""

"BPSI-TT-MW304I1-20180917","Modified EPA 537","Initial","1803087-07","Vista","376-06-7","PFTeDA","5.17","ng/L","UU","2.82","LOD","","TRG","","","8.24","LOQ","YES","-99","","","0.121","0.001","5.17",""

"BPSI-TT-MW304I1-20180917","Modified EPA 537","Initial","1803087-07","Vista","13C3-PFBA","13C3-PFBA","94.7","%R","","-99","NA","","IS","94.7","","-99","NA","YES","100","","","0.121","0.001","-99",""

"BPSI-TT-MW304I1-20180917","Modified EPA 537","Initial","1803087-07","Vista","13C3-PFPeA","13C3-PFPeA","88.0","%R","","-99","NA","","IS","88.0","","-99","NA","YES","100","","","0.121","0.001","-99",""

"BPSI-TT-MW304I1-20180917","Modified EPA 537","Initial","1803087-07","Vista","13C3-PFBS","13C3-PFBS","91.2","%R","","-99","NA","","IS","91.2","","-99","NA","YES","100","","","0.121","0.001","-99",""

"BPSI-TT-MW304I1-20180917","Modified EPA 537","Initial","1803087-07","Vista","13C2-PFHxA","13C2-PFHxA","88.5","%R","","-99","NA","","IS","88.5","","-99","NA","YES","100","","","0.121","0.001","-99",""

"BPSI-TT-MW304I1-20180917","Modified EPA 537","Initial","1803087-07","Vista","13C4-PFHpA","13C4-PFHpA","88.7","%R","","-99","NA","","IS","88.7","","-99","NA","YES","100","","","0.121","0.001","-99",""

"BPSI-TT-MW304I1-20180917","Modified EPA 537","Initial","1803087-07","Vista","18O2-PFHxS","18O2-PFHxS","94.1","%R","","-99","NA","","IS","94.1","","-99","NA","YES","100","","","0.121","0.001","-99",""

"BPSI-TT-MW304I1-20180917","Modified EPA 537","Initial","1803087-07","Vista","13C2-6:2 FTS","13C2-6:2 FTS","85.6","%R","","-99","NA","","IS","85.6","","-99","NA","YES","100","","","0.121","0.001","-99",""

"BPSI-TT-MW304I1-20180917","Modified EPA 537","Initial","1803087-07","Vista","13C2-PFOA","13C2-PFOA","87.9","%R","","-99","NA","","IS","87.9","","-99","NA","YES","100","","","0.121","0.001","-99",""

"BPSI-TT-MW304I1-20180917","Modified EPA 537","Initial","1803087-07","Vista","13C5-PFNA","13C5-PFNA","75.7","%R","","-99","NA","","IS","75.7","","-99","NA","YES","100","","","0.121","0.001","-99",""

"BPSI-TT-MW304I1-20180917","Modified EPA 537","Initial","1803087-07","Vista","13C8-PFOSA","13C8-PFOSA","56.1","%R","","-99","NA","","IS","56.1","","-99","NA","YES","100","","","0.121","0.001","-99",""

"BPSI-TT-MW304I1-20180917","Modified EPA 537","Initial","1803087-07","Vista","13C8-PFOS","13C8-PFOS","92.8","%R","","-99","NA","","IS","92.8","","-99","NA","YES","100","","","0.121","0.001","-99",""

"BPSI-TT-MW304I1-20180917","Modified EPA 537","Initial","1803087-07","Vista","13C2-PFDA","13C2-PFDA","68.2","%R","","-99","NA","","IS","68.2","","-99","NA","YES","100","","","0.121","0.001","-99",""

"BPSI-TT-MW304I1-20180917","Modified EPA 537","Initial","1803087-07","Vista","13C2-8:2 FTS","13C2-8:2 FTS","87.9","%R","","-99","NA","","IS","87.9","","-99","NA","YES","100","","","0.121","0.001","-99",""

"BPSI-TT-MW304I1-20180917","Modified EPA 537","Initial","1803087-07","Vista","d3-MeFOSAA","d3-MeFOSAA","70.9","%R","","-99","NA","","IS","70.9","","-99","NA","YES","100","","","0.121","0.001","-99",""

"BPSI-TT-MW304I1-20180917","Modified EPA 537","Initial","1803087-07","Vista","d5-EtFOSAA","d5-EtFOSAA","76.7","%R","","-99","NA","","IS","76.7","","-99","NA","YES","100","","","0.121","0.001","-99",""

"BPSI-TT-MW304I1-20180917","Modified EPA 537","Initial","1803087-07","Vista","13C2-PFUnA","13C2-PFUnA","70.4","%R","","-99","NA","","IS","70.4","","-99","NA","YES","100","","","0.121","0.001","-99",""

"BPSI-TT-MW304I1-20180917","Modified EPA 537","Initial","1803087-07","Vista","13C2-PFDoA","13C2-PFDoA","72.9","%R","","-99","NA","","IS","72.9","","-99","NA","YES","100","","","0.121","0.001","-99",""

"BPSI-TT-MW304I1-20180917","Modified EPA 537","Initial","1803087-07","Vista","13C2-PFTeDA","13C2-PFTeDA","79.7","%R","","-99","NA","","IS","79.7","","-99","NA","YES","100","","0.121","0.001","-99",""
"BPSI-TT-MW304I2-20180917","Modified EPA 537","Initial","1803087-08","Vista","375-22-4","PFBA","3.05","ng/L","J","2.86","LOD","","TRG","","","8.36","LOQ","YES","-99","","0.120","0.001","5.21",""
"BPSI-TT-MW304I2-20180917","Modified EPA 537","Initial","1803087-08","Vista","2706-90-3","PFPeA","2.87","ng/L","J","2.86","LOD","","TRG","","","8.36","LOQ","YES","-99","","0.120","0.001","5.21",""
"BPSI-TT-MW304I2-20180917","Modified EPA 537","Initial","1803087-08","Vista","375-73-5","PFBS","5.21","ng/L","UU","2.86","LOD","","TRG","","","8.36","LOQ","YES","-99","","0.120","0.001","5.21",""
"BPSI-TT-MW304I2-20180917","Modified EPA 537","Initial","1803087-08","Vista","307-24-4","PFHxA","5.21","ng/L","UU","2.86","LOD","","TRG","","","8.36","LOQ","YES","-99","","0.120","0.001","5.21",""
"BPSI-TT-MW304I2-20180917","Modified EPA 537","Initial","1803087-08","Vista","375-85-9","PFHpA","3.15","ng/L","J","2.86","LOD","","TRG","","","8.36","LOQ","YES","-99","","0.120","0.001","5.21",""
"BPSI-TT-MW304I2-20180917","Modified EPA 537","Initial","1803087-08","Vista","355-46-4","PFHxS","5.21","ng/L","UU","2.86","LOD","","TRG","","","8.36","LOQ","YES","-99","","0.120","0.001","5.21",""
"BPSI-TT-MW304I2-20180917","Modified EPA 537","Initial","1803087-08","Vista","27619-97-2","6:2 FTS","5.21","ng/L","UU","2.86","LOD","","TRG","","","8.36","LOQ","YES","-99","","0.120","0.001","5.21",""
"BPSI-TT-MW304I2-20180917","Modified EPA 537","Initial","1803087-08","Vista","335-67-1","PFOA","4.46","ng/L","J","2.86","LOD","","TRG","","","8.36","LOQ","YES","-99","","0.120","0.001","5.21",""
"BPSI-TT-MW304I2-20180917","Modified EPA 537","Initial","1803087-08","Vista","375-92-8","PFHpS","5.21","ng/L","UU","2.86","LOD","","TRG","","","8.36","LOQ","YES","-99","","0.120","0.001","5.21",""
"BPSI-TT-MW304I2-20180917","Modified EPA 537","Initial","1803087-08","Vista","375-95-1","PFNA","5.21","ng/L","UU","2.86","LOD","","TRG","","","8.36","LOQ","YES","-99","","0.120","0.001","5.21",""
"BPSI-TT-MW304I2-20180917","Modified EPA 537","Initial","1803087-08","Vista","754-91-6","PFOSA","5.21","ng/L","UU","2.86","LOD","","TRG","","","8.36","LOQ","YES","-99","","0.120","0.001","5.21",""
"BPSI-TT-MW304I2-20180917","Modified EPA 537","Initial","1803087-08","Vista","1763-23-1","PFOS","3.03","ng/L","J","2.86","LOD","","TRG","","","8.36","LOQ","YES","-99","","0.120","0.001","5.21",""
"BPSI-TT-MW304I2-20180917","Modified EPA 537","Initial","1803087-08","Vista","335-76-2","PFDA","5.21","ng/L","UU","2.86","LOD","","TRG","","","8.36","LOQ","YES","-99","","0.120","0.001","5.21",""
"BPSI-TT-MW304I2-20180917","Modified EPA 537","Initial","1803087-08","Vista","39108-34-4","8:2 FTS","5.21","ng/L","UU","2.86","LOD","","TRG","","","8.36","LOQ","YES","-99","","0.120","0.001","5.21",""
"BPSI-TT-MW304I2-20180917","Modified EPA 537","Initial","1803087-08","Vista","2355-31-9","MeFOSAA","5.21","ng/L","UU","2.86","LOD","","TRG","","","8.36","LOQ","YES","-99","","0.120","0.001","5.21",""
"BPSI-TT-MW304I2-20180917","Modified EPA 537","Initial","1803087-08","Vista","2991-50-6","EtFOSAA","5.21","ng/L","UU","2.86","LOD","","TRG","","","8.36","LOQ","YES","-99","","0.120","0.001","5.21",""
"BPSI-TT-MW304I2-20180917","Modified EPA 537","Initial","1803087-08","Vista","2058-94-8","PFUnA","5.21","ng/L","UU","2.86","LOD","","TRG","","","8.36","LOQ","YES","-99","","0.120","0.001","5.21",""
"BPSI-TT-MW304I2-20180917","Modified EPA 537","Initial","1803087-08","Vista","335-77-3","PFDS","5.21","ng/L","UU","2.86","LOD","","TRG","","","8.36","LOQ","YES","-99","","0.120","0.001","5.21",""
"BPSI-TT-MW304I2-20180917","Modified EPA 537","Initial","1803087-08","Vista","307-55-1","PFDoA","5.21","ng/L","UU","2.86","LOD","","TRG","","","8.36","LOQ","YES","-99","","0.120","0.001","5.21",""
"BPSI-TT-MW304I2-20180917","Modified EPA 537","Initial","1803087-08","Vista","72629-94-8","PFTTrDA","5.21","ng/L","UU","2.86","LOD","","TRG","","","8.36","LOQ","YES","-99","","0.120","0.001","5.21",""
"BPSI-TT-MW304I2-20180917","Modified EPA 537","Initial","1803087-08","Vista","376-06-7","PFTeDA","5.21","ng/L","UU","2.86","LOD","","TRG","","","8.36","LOQ","YES","-99","","0.120","0.001","5.21",""
"BPSI-TT-MW304I2-20180917","Modified EPA 537","Initial","1803087-08","Vista","13C3-PFBA","13C3-PFBA","102","%R","","-99","NA","","IS","102","","-99","NA","YES","100","","0.120","0.001","-99",""

"BPSI-TT-MW304I2-20180917","Modified EPA 537","Initial","1803087-08","Vista","13C3-PFPeA","13C3-PFPeA","97.9","%R","",-99,"NA","","IS","97.9","",-99,"NA","YES","100","","0.120","0.001","-99",""
"BPSI-TT-MW304I2-20180917","Modified EPA 537","Initial","1803087-08","Vista","13C3-PFBS","13C3-PFBS","104","%R","",-99,"NA","","IS","104","",-99,"NA","YES","100","","0.120","0.001","-99",""
"BPSI-TT-MW304I2-20180917","Modified EPA 537","Initial","1803087-08","Vista","13C2-PFHxA","13C2-PFHxA","100","%R","",-99,"NA","","IS","100","",-99,"NA","YES","100","","0.120","0.001","-99",""
"BPSI-TT-MW304I2-20180917","Modified EPA 537","Initial","1803087-08","Vista","13C4-PFHpA","13C4-PFHpA","101","%R","",-99,"NA","","IS","101","",-99,"NA","YES","100","","0.120","0.001","-99",""
"BPSI-TT-MW304I2-20180917","Modified EPA 537","Initial","1803087-08","Vista","18O2-PFHxS","18O2-PFHxS","99.0","%R","",-99,"NA","","IS","99.0","",-99,"NA","YES","100","","0.120","0.001","-99",""
"BPSI-TT-MW304I2-20180917","Modified EPA 537","Initial","1803087-08","Vista","13C2-6:2 FTS","13C2-6:2 FTS","92.6","%R","",-99,"NA","","IS","92.6","",-99,"NA","YES","100","","0.120","0.001","-99",""
"BPSI-TT-MW304I2-20180917","Modified EPA 537","Initial","1803087-08","Vista","13C2-PFOA","13C2-PFOA","96.0","%R","",-99,"NA","","IS","96.0","",-99,"NA","YES","100","","0.120","0.001","-99",""
"BPSI-TT-MW304I2-20180917","Modified EPA 537","Initial","1803087-08","Vista","13C5-PFNA","13C5-PFNA","81.3","%R","",-99,"NA","","IS","81.3","",-99,"NA","YES","100","","0.120","0.001","-99",""
"BPSI-TT-MW304I2-20180917","Modified EPA 537","Initial","1803087-08","Vista","13C8-PFOSA","13C8-PFOSA","56.4","%R","",-99,"NA","","IS","56.4","",-99,"NA","YES","100","","0.120","0.001","-99",""
"BPSI-TT-MW304I2-20180917","Modified EPA 537","Initial","1803087-08","Vista","13C8-PFOS","13C8-PFOS","99.0","%R","",-99,"NA","","IS","99.0","",-99,"NA","YES","100","","0.120","0.001","-99",""
"BPSI-TT-MW304I2-20180917","Modified EPA 537","Initial","1803087-08","Vista","13C2-PFDA","13C2-PFDA","76.0","%R","",-99,"NA","","IS","76.0","",-99,"NA","YES","100","","0.120","0.001","-99",""
"BPSI-TT-MW304I2-20180917","Modified EPA 537","Initial","1803087-08","Vista","13C2-8:2 FTS","13C2-8:2 FTS","84.5","%R","",-99,"NA","","IS","84.5","",-99,"NA","YES","100","","0.120","0.001","-99",""
"BPSI-TT-MW304I2-20180917","Modified EPA 537","Initial","1803087-08","Vista","d3-MeFOSAA","d3-MeFOSAA","73.4","%R","",-99,"NA","","IS","73.4","",-99,"NA","YES","100","","0.120","0.001","-99",""
"BPSI-TT-MW304I2-20180917","Modified EPA 537","Initial","1803087-08","Vista","d5-EtFOSAA","d5-EtFOSAA","77.0","%R","",-99,"NA","","IS","77.0","",-99,"NA","YES","100","","0.120","0.001","-99",""
"BPSI-TT-MW304I2-20180917","Modified EPA 537","Initial","1803087-08","Vista","13C2-PFUnA","13C2-PFUnA","82.9","%R","",-99,"NA","","IS","82.9","",-99,"NA","YES","100","","0.120","0.001","-99",""
"BPSI-TT-MW304I2-20180917","Modified EPA 537","Initial","1803087-08","Vista","13C2-PFDoA","13C2-PFDoA","81.7","%R","",-99,"NA","","IS","81.7","",-99,"NA","YES","100","","0.120","0.001","-99",""
"BPSI-TT-MW304I2-20180917","Modified EPA 537","Initial","1803087-08","Vista","13C2-PFTeDA","13C2-PFTeDA","87.0","%R","",-99,"NA","","IS","87.0","",-99,"NA","YES","100","","0.120","0.001","-99",""
"BP-DUP04-20180916","Modified EPA 537","Initial","1803087-09","Vista","375-22-4","PFBA","9.73","ng/L","","2.95","LOD","","TRG","","","8.60","LOQ","YES","-99","","0.116","0.001","5.39",""
"BP-DUP04-20180916","Modified EPA 537","Initial","1803087-09","Vista","2706-90-3","PFPeA","9.84","ng/L","","2.95","LOD","","TRG","","","8.60","LOQ","YES","-99","","0.116","0.001","5.39",""
"BP-DUP04-20180916","Modified EPA 537","Initial","1803087-09","Vista","375-73-5","PFBS","5.39","ng/L","UU","2.95","LOD","","TRG","","","8.60","LOQ","YES","-99","","0.116","0.001","5.39",""
"BP-DUP04-20180916","Modified EPA 537","Initial","1803087-09","Vista","307-24-4","PFHxA","13.5","ng/L","","2.95","LOD","","TRG","","","8.60","LOQ","YES","-99","","0.116","0.001","5.39",""
"BP-DUP04-20180916","Modified EPA 537","Initial","1803087-09","Vista","375-85-9","PFHpA","14.3","ng/L","Q","2.95","LOD","","TRG","","","8.60","LOQ","YES","-99","","0.116","0.001","5.39",""
"BP-DUP04-20180916","Modified EPA 537","Initial","1803087-09","Vista","355-46-4","PFHxS","5.13","ng/L","J,Q","2.95","LOD","","TRG","","","8.60","LOQ","YES","-99","","0.116","0.001","5.39",""
"BP-DUP04-20180916","Modified EPA 537","Initial","1803087-09","Vista","27619-97-2","6:2 FTS","5.39","ng/L","UU","2.95","LOD","","TRG","","","8.60","LOQ","YES","-99","","0.116","0.001","5.39",""
"BP-DUP04-20180916","Modified EPA 537","Initial","1803087-09","Vista","335-67-1","PFOA","48.1","ng/L","","2.95","LOD","","TRG","","","8.60","LOQ","YES","-99","","0.116","0.001","5.39",""
"BP-DUP04-20180916","Modified EPA 537","Initial","1803087-09","Vista","375-92-8","PFHpS","5.39","ng/L","UU","2.95","LOD","","TRG","","","8.60","LOQ","YES","-99","","0.116","0.001","5.39",""
"BP-DUP04-20180916","Modified EPA 537","Initial","1803087-09","Vista","375-95-1","PFNA","5.39","ng/L","UU","2.95","LOD","","TRG","","","8.60","LOQ","YES","-99","","0.116","0.001","5.39",""

"BP-DUP04-20180916","Modified EPA 537","Initial","1803087-09","Vista","754-91-6","PFOSA","5.39","ng/L","UU","2.95","LOD","","TRG","","","8.60","LOQ","YES","-99","","","0.116","0.001","5.39",""

"BP-DUP04-20180916","Modified EPA 537","Initial","1803087-09","Vista","1763-23-1","PFOS","48.2","ng/L","","","2.95","LOD","","TRG","","","8.60","LOQ","YES","-99","","","0.116","0.001","5.39",""

"BP-DUP04-20180916","Modified EPA 537","Initial","1803087-09","Vista","335-76-2","PFDA","5.39","ng/L","UU","2.95","LOD","","TRG","","","8.60","LOQ","YES","-99","","","0.116","0.001","5.39",""

"BP-DUP04-20180916","Modified EPA 537","Initial","1803087-09","Vista","39108-34-4","8:2 FTS","5.39","ng/L","UU","2.95","LOD","","TRG","","","8.60","LOQ","YES","-99","","","0.116","0.001","5.39",""

"BP-DUP04-20180916","Modified EPA 537","Initial","1803087-09","Vista","2355-31-9","MeFOSAA","5.39","ng/L","UU","2.95","LOD","","TRG","","","8.60","LOQ","YES","-99","","","0.116","0.001","5.39",""

"BP-DUP04-20180916","Modified EPA 537","Initial","1803087-09","Vista","2991-50-6","EtFOSAA","5.39","ng/L","UU","2.95","LOD","","TRG","","","8.60","LOQ","YES","-99","","","0.116","0.001","5.39",""

"BP-DUP04-20180916","Modified EPA 537","Initial","1803087-09","Vista","2058-94-8","PFUnA","5.39","ng/L","UU","2.95","LOD","","TRG","","","8.60","LOQ","YES","-99","","","0.116","0.001","5.39",""

"BP-DUP04-20180916","Modified EPA 537","Initial","1803087-09","Vista","335-77-3","PFDS","5.39","ng/L","UU","2.95","LOD","","TRG","","","8.60","LOQ","YES","-99","","","0.116","0.001","5.39",""

"BP-DUP04-20180916","Modified EPA 537","Initial","1803087-09","Vista","307-55-1","PFDoA","5.39","ng/L","UU","2.95","LOD","","TRG","","","8.60","LOQ","YES","-99","","","0.116","0.001","5.39",""

"BP-DUP04-20180916","Modified EPA 537","Initial","1803087-09","Vista","72629-94-8","PFTTrDA","5.39","ng/L","UU","2.95","LOD","","TRG","","","8.60","LOQ","YES","-99","","","0.116","0.001","5.39",""

"BP-DUP04-20180916","Modified EPA 537","Initial","1803087-09","Vista","376-06-7","PFTeDA","5.39","ng/L","UU","2.95","LOD","","TRG","","","8.60","LOQ","YES","-99","","","0.116","0.001","5.39",""

"BP-DUP04-20180916","Modified EPA 537","Initial","1803087-09","Vista","13C3-PFBA","13C3-PFBA","99.6","%R","","-99","NA","","IS","99.6","","-99","NA","YES","100","","","0.116","0.001","-99",""

"BP-DUP04-20180916","Modified EPA 537","Initial","1803087-09","Vista","13C3-PFPeA","13C3-PFPeA","96.3","%R","","-99","NA","","IS","96.3","","-99","NA","YES","100","","","0.116","0.001","-99",""

"BP-DUP04-20180916","Modified EPA 537","Initial","1803087-09","Vista","13C3-PFBS","13C3-PFBS","102","%R","","-99","NA","","IS","102","","-99","NA","YES","100","","","0.116","0.001","-99",""

"BP-DUP04-20180916","Modified EPA 537","Initial","1803087-09","Vista","13C2-PFHxA","13C2-PFHxA","97.0","%R","","-99","NA","","IS","97.0","","-99","NA","YES","100","","","0.116","0.001","-99",""

"BP-DUP04-20180916","Modified EPA 537","Initial","1803087-09","Vista","13C4-PFHpA","13C4-PFHpA","102","%R","","-99","NA","","IS","102","","-99","NA","YES","100","","","0.116","0.001","-99",""

"BP-DUP04-20180916","Modified EPA 537","Initial","1803087-09","Vista","18O2-PFHxS","18O2-PFHxS","109","%R","","-99","NA","","IS","109","","-99","NA","YES","100","","","0.116","0.001","-99",""

"BP-DUP04-20180916","Modified EPA 537","Initial","1803087-09","Vista","13C2-6:2 FTS","13C2-6:2 FTS","94.4","%R","","-99","NA","","IS","94.4","","-99","NA","YES","100","","","0.116","0.001","-99",""

"BP-DUP04-20180916","Modified EPA 537","Initial","1803087-09","Vista","13C2-PFOA","13C2-PFOA","94.1","%R","","-99","NA","","IS","94.1","","-99","NA","YES","100","","","0.116","0.001","-99",""

"BP-DUP04-20180916","Modified EPA 537","Initial","1803087-09","Vista","13C5-PFNA","13C5-PFNA","95.8","%R","","-99","NA","","IS","95.8","","-99","NA","YES","100","","","0.116","0.001","-99",""

"BP-DUP04-20180916","Modified EPA 537","Initial","1803087-09","Vista","13C8-PFOSA","13C8-PFOSA","64.1","%R","","-99","NA","","IS","64.1","","-99","NA","YES","100","","","0.116","0.001","-99",""

"BP-DUP04-20180916","Modified EPA 537","Initial","1803087-09","Vista","13C8-PFOS","13C8-PFOS","101","%R","","-99","NA","","IS","101","","-99","NA","YES","100","","","0.116","0.001","-99",""

"BP-DUP04-20180916","Modified EPA 537","Initial","1803087-09","Vista","13C2-PFDA","13C2-PFDA","79.8","%R","","-99","NA","","IS","79.8","","-99","NA","YES","100","","","0.116","0.001","-99",""

"BP-DUP04-20180916","Modified EPA 537","Initial","1803087-09","Vista","13C2-8:2 FTS","13C2-8:2

FTS","87.8","%R","","-99","NA","","IS","87.8","","-99","NA","YES","100","","0.116","0.001","-99",""
"BP-DUP04-20180916","Modified EPA 537","Initial","1803087-09","Vista","d3-MeFOSAA","d3-
MeFOSAA","85.3","%R","","-99","NA","","IS","85.3","","-99","NA","YES","100","","0.116","0.001","-99",""
"BP-DUP04-20180916","Modified EPA 537","Initial","1803087-09","Vista","d5-EtFOSAA","d5-
EtFOSAA","87.5","%R","","-99","NA","","IS","87.5","","-99","NA","YES","100","","0.116","0.001","-99",""
"BP-DUP04-20180916","Modified EPA 537","Initial","1803087-09","Vista","13C2-PFUnA","13C2-
PFUnA","79.3","%R","","-99","NA","","IS","79.3","","-99","NA","YES","100","","0.116","0.001","-99",""
"BP-DUP04-20180916","Modified EPA 537","Initial","1803087-09","Vista","13C2-PFDoA","13C2-
PFDoA","80.8","%R","","-99","NA","","IS","80.8","","-99","NA","YES","100","","0.116","0.001","-99",""
"BP-DUP04-20180916","Modified EPA 537","Initial","1803087-09","Vista","13C2-PFTeDA","13C2-
PFTeDA","85.0","%R","","-99","NA","","IS","85.0","","-99","NA","YES","100","","0.116","0.001","-99",""
"BP-TT-SW4002-20180915","Modified EPA 537","Initial","1803087-10","Vista","375-22-
4","PFBA","12.9","ng/L","","2.94","LOD","","TRG","","","8.58","LOQ","YES","-99","","0.117","0.001","5.34",""
"BP-TT-SW4002-20180915","Modified EPA 537","Initial","1803087-10","Vista","2706-90-
3","PFPeA","29.9","ng/L","","2.94","LOD","","TRG","","","8.58","LOQ","YES","-99","","0.117","0.001","5.34",""
"BP-TT-SW4002-20180915","Modified EPA 537","Initial","1803087-10","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-SW4002-20180915","Modified EPA 537","Initial","1803087-10","Vista","307-24-
4","PFHxA","21.0","ng/L","","2.94","LOD","","TRG","","","8.58","LOQ","YES","-99","","0.117","0.001","5.34",""
"BP-TT-SW4002-20180915","Modified EPA 537","Initial","1803087-10","Vista","375-85-
9","PFHpA","14.1","ng/L","","2.94","LOD","","TRG","","","8.58","LOQ","YES","-99","","0.117","0.001","5.34",""
"BP-TT-SW4002-20180915","Modified EPA 537","Initial","1803087-10","Vista","355-46-
4","PFHxS","3.79","ng/L","J,
Q","2.94","LOD","","TRG","","","8.58","LOQ","YES","-99","","0.117","0.001","5.34",""
"BP-TT-SW4002-20180915","Modified EPA 537","Initial","1803087-10","Vista","27619-97-2","6:2
FTS","7.04","ng/L","J","2.94","LOD","","TRG","","","8.58","LOQ","YES","-99","","0.117","0.001","5.34",""
"BP-TT-SW4002-20180915","Modified EPA 537","Initial","1803087-10","Vista","335-67-
1","PFOA","16.6","ng/L","","2.94","LOD","","TRG","","","8.58","LOQ","YES","-99","","0.117","0.001","5.34",""
"BP-TT-SW4002-20180915","Modified EPA 537","Initial","1803087-10","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-SW4002-20180915","Modified EPA 537","Initial","1803087-10","Vista","375-95-
1","PFNA","6.38","ng/L","J, Q","2.94","LOD","","TRG","","","8.58","LOQ","YES","-99","","0.117","0.001","5.34",""
"BP-TT-SW4002-20180915","Modified EPA 537","Initial","1803087-10","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-SW4002-20180915","Modified EPA 537","Initial","1803087-10","Vista","1763-23-
1","PFOS","9.90","ng/L","","2.94","LOD","","TRG","","","8.58","LOQ","YES","-99","","0.117","0.001","5.34",""
"BP-TT-SW4002-20180915","Modified EPA 537","Initial","1803087-10","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-SW4002-20180915","Modified EPA 537","Initial","1803087-10","Vista","39108-34-4","8:2
FTS","3.79","ng/L","J, Q","2.94","LOD","","TRG","","","8.58","LOQ","YES","-99","","0.117","0.001","5.34",""
"BP-TT-SW4002-20180915","Modified EPA 537","Initial","1803087-10","Vista","2355-31-
9","MeFOSAA","5.34","ng/L","UU","2.94","LOD","","TRG","","","8.58","LOQ","YES","-99","","0.117","0.001","5.3
4",""
"BP-TT-SW4002-20180915","Modified EPA 537","Initial","1803087-10","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-SW4002-20180915","Modified EPA 537","Initial","1803087-10","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-SW4002-20180915","Modified EPA 537","Initial","1803087-10","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-SW4002-20180915","Modified EPA 537","Initial","1803087-10","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-SW4002-20180915","Modified EPA 537","Initial","1803087-10","Vista","72629-94-8","PFTTrDA","5.34","ng/L","UU","2.94","LOD","","TRG","","","8.58","LOQ","YES","-99","","","0.117","0.001","5.34",
""

"BP-TT-SW4002-20180915","Modified EPA 537","Initial","1803087-10","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-SW4002-20180915","Modified EPA 537","Initial","1803087-10","Vista","13C3-PFBA","13C3-PFBA","99.7","%R","","-99","NA","","IS","99.7","","-99","NA","YES","100","","","0.117","0.001","-99",
"BP-TT-SW4002-20180915","Modified EPA 537","Initial","1803087-10","Vista","13C3-PFPeA","13C3-PFPeA","95.5","%R","","-99","NA","","IS","95.5","","-99","NA","YES","100","","","0.117","0.001","-99",
"BP-TT-SW4002-20180915","Modified EPA 537","Initial","1803087-10","Vista","13C3-PFBS","13C3-PFBS","99.2","%R","","-99","NA","","IS","99.2","","-99","NA","YES","100","","","0.117","0.001","-99",
"BP-TT-SW4002-20180915","Modified EPA 537","Initial","1803087-10","Vista","13C2-PFHxA","13C2-PFHxA","95.9","%R","","-99","NA","","IS","95.9","","-99","NA","YES","100","","","0.117","0.001","-99",
"BP-TT-SW4002-20180915","Modified EPA 537","Initial","1803087-10","Vista","13C4-PFHpA","13C4-PFHpA","93.3","%R","","-99","NA","","IS","93.3","","-99","NA","YES","100","","","0.117","0.001","-99",
"BP-TT-SW4002-20180915","Modified EPA 537","Initial","1803087-10","Vista","18O2-PFHxS","18O2-PFHxS","104","%R","","-99","NA","","IS","104","","-99","NA","YES","100","","","0.117","0.001","-99",
"BP-TT-SW4002-20180915","Modified EPA 537","Initial","1803087-10","Vista","13C2-6:2 FTS","13C2-6:2 FTS","101","%R","","-99","NA","","IS","101","","-99","NA","YES","100","","","0.117","0.001","-99",
"BP-TT-SW4002-20180915","Modified EPA 537","Initial","1803087-10","Vista","13C2-PFOA","13C2-PFOA","95.7","%R","","-99","NA","","IS","95.7","","-99","NA","YES","100","","","0.117","0.001","-99",
"BP-TT-SW4002-20180915","Modified EPA 537","Initial","1803087-10","Vista","13C5-PFNA","13C5-PFNA","78.9","%R","","-99","NA","","IS","78.9","","-99","NA","YES","100","","","0.117","0.001","-99",
"BP-TT-SW4002-20180915","Modified EPA 537","Initial","1803087-10","Vista","13C8-PFOSA","13C8-PFOSA","59.8","%R","","-99","NA","","IS","59.8","","-99","NA","YES","100","","","0.117","0.001","-99",
"BP-TT-SW4002-20180915","Modified EPA 537","Initial","1803087-10","Vista","13C8-PFOS","13C8-PFOS","99.4","%R","","-99","NA","","IS","99.4","","-99","NA","YES","100","","","0.117","0.001","-99",
"BP-TT-SW4002-20180915","Modified EPA 537","Initial","1803087-10","Vista","13C2-PFDA","13C2-PFDA","73.1","%R","","-99","NA","","IS","73.1","","-99","NA","YES","100","","","0.117","0.001","-99",
"BP-TT-SW4002-20180915","Modified EPA 537","Initial","1803087-10","Vista","13C2-8:2 FTS","13C2-8:2 FTS","89.8","%R","","-99","NA","","IS","89.8","","-99","NA","YES","100","","","0.117","0.001","-99",
"BP-TT-SW4002-20180915","Modified EPA 537","Initial","1803087-10","Vista","d3-MeFOSAA","d3-MeFOSAA","80.8","%R","","-99","NA","","IS","80.8","","-99","NA","YES","100","","","0.117","0.001","-99",
"BP-TT-SW4002-20180915","Modified EPA 537","Initial","1803087-10","Vista","d5-EtFOSAA","d5-EtFOSAA","88.0","%R","","-99","NA","","IS","88.0","","-99","NA","YES","100","","","0.117","0.001","-99",
"BP-TT-SW4002-20180915","Modified EPA 537","Initial","1803087-10","Vista","13C2-PFUnA","13C2-PFUnA","76.8","%R","","-99","NA","","IS","76.8","","-99","NA","YES","100","","","0.117","0.001","-99",
"BP-TT-SW4002-20180915","Modified EPA 537","Initial","1803087-10","Vista","13C2-PFDoA","13C2-PFDoA","75.5","%R","","-99","NA","","IS","75.5","","-99","NA","YES","100","","","0.117","0.001","-99",
"BP-TT-SW4002-20180915","Modified EPA 537","Initial","1803087-10","Vista","13C2-PFTeDA","13C2-PFTeDA","85.1","%R","","-99","NA","","IS","85.1","","-99","NA","YES","100","","","0.117","0.001","-99",
"BPS1-TT-MW309D-20180915","Modified EPA 537","Initial","1803087-11","Vista","375-22-4","PFBA","7.87","ng/L","J","2.87","LOD","","TRG","","","8.39","LOQ","YES","-99","","","0.119","0.001","5.25",
"BPS1-TT-MW309D-20180915","Modified EPA 537","Initial","1803087-11","Vista","2706-90-3","PFPeA","7.32","ng/L","J","2.87","LOD","","TRG","","","8.39","LOQ","YES","-99","","","0.119","0.001","5.25",
"BPS1-TT-MW309D-20180915","Modified EPA 537","Initial","1803087-11","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",
"BPS1-TT-MW309D-20180915","Modified EPA 537","Initial","1803087-11","Vista","307-24-4","PFHxA","7.11","ng/L","J","2.87","LOD","","TRG","","","8.39","LOQ","YES","-99","","","0.119","0.001","5.25",
"BPS1-TT-MW309D-20180915","Modified EPA 537","Initial","1803087-11","Vista","375-85-9","PFHpA","4.56","ng/L","J","2.87","LOD","","TRG","","","8.39","LOQ","YES","-99","","","0.119","0.001","5.25",
"BPS1-TT-MW309D-20180915","Modified EPA 537","Initial","1803087-11","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",""
"BPS1-TT-MW309D-20180915","Modified EPA 537","Initial","1803087-11","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",""
"BPS1-TT-MW309D-20180915","Modified EPA 537","Initial","1803087-11","Vista","335-67-
1","PFOA","11.5","ng/L","","2.87","LOD","","TRG","","","8.39","LOQ","YES","-99","","0.119","0.001","5.25",""
"BPS1-TT-MW309D-20180915","Modified EPA 537","Initial","1803087-11","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",""
"BPS1-TT-MW309D-20180915","Modified EPA 537","Initial","1803087-11","Vista","375-95-
1","PFNA","3.46","ng/L","J","2.87","LOD","","TRG","","","8.39","LOQ","YES","-99","","0.119","0.001","5.25",""
"BPS1-TT-MW309D-20180915","Modified EPA 537","Initial","1803087-11","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",""
"
"BPS1-TT-MW309D-20180915","Modified EPA 537","Initial","1803087-11","Vista","1763-23-
1","PFOS","15.4","ng/L","Q","2.87","LOD","","TRG","","","8.39","LOQ","YES","-99","","0.119","0.001","5.25",""
"BPS1-TT-MW309D-20180915","Modified EPA 537","Initial","1803087-11","Vista","335-76-
2","PFDA","3.57","ng/L","J","2.87","LOD","","TRG","","","8.39","LOQ","YES","-99","","0.119","0.001","5.25",""
"BPS1-TT-MW309D-20180915","Modified EPA 537","Initial","1803087-11","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",""
"BPS1-TT-MW309D-20180915","Modified EPA 537","Initial","1803087-11","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",""
"BPS1-TT-MW309D-20180915","Modified EPA 537","Initial","1803087-11","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
",""
"BPS1-TT-MW309D-20180915","Modified EPA 537","Initial","1803087-11","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",""
"
"BPS1-TT-MW309D-20180915","Modified EPA 537","Initial","1803087-11","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",""
"BPS1-TT-MW309D-20180915","Modified EPA 537","Initial","1803087-11","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",""
"
"BPS1-TT-MW309D-20180915","Modified EPA 537","Initial","1803087-11","Vista","72629-94-
8","PFTTrDA","5.25","ng/L","UU","2.87","LOD","","TRG","","","8.39","LOQ","YES","-99","","0.119","0.001","5.25",""
"
"BPS1-TT-MW309D-20180915","Modified EPA 537","Initial","1803087-11","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",""
"
"BPS1-TT-MW309D-20180915","Modified EPA 537","Initial","1803087-11","Vista","13C3-PFBA","13C3-
PFBA","102","%R","","-99","NA","","IS","102","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPS1-TT-MW309D-20180915","Modified EPA 537","Initial","1803087-11","Vista","13C3-PFPeA","13C3-
PFPeA","94.0","%R","","-99","NA","","IS","94.0","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPS1-TT-MW309D-20180915","Modified EPA 537","Initial","1803087-11","Vista","13C3-PFBS","13C3-
PFBS","102","%R","","-99","NA","","IS","102","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPS1-TT-MW309D-20180915","Modified EPA 537","Initial","1803087-11","Vista","13C2-PFHxA","13C2-
PFHxA","93.1","%R","","-99","NA","","IS","93.1","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPS1-TT-MW309D-20180915","Modified EPA 537","Initial","1803087-11","Vista","13C4-PFHpA","13C4-
PFHpA","97.2","%R","","-99","NA","","IS","97.2","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPS1-TT-MW309D-20180915","Modified EPA 537","Initial","1803087-11","Vista","18O2-PFHxS","18O2-
PFHxS","105","%R","","-99","NA","","IS","105","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPS1-TT-MW309D-20180915","Modified EPA 537","Initial","1803087-11","Vista","13C2-6:2 FTS","13C2-6:2
FTS","92.2","%R","","-99","NA","","IS","92.2","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPS1-TT-MW309D-20180915","Modified EPA 537","Initial","1803087-11","Vista","13C2-PFOA","13C2-
PFOA","97.2","%R","","-99","NA","","IS","97.2","","-99","NA","YES","100","","0.119","0.001","-99",""

"BPS1-TT-MW309D-20180915","Modified EPA 537","Initial","1803087-11","Vista","13C5-PFNA","13C5-PFNA","82.8","%R","","-99","NA","","IS","82.8","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPS1-TT-MW309D-20180915","Modified EPA 537","Initial","1803087-11","Vista","13C8-PFOSA","13C8-PFOSA","59.9","%R","","-99","NA","","IS","59.9","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPS1-TT-MW309D-20180915","Modified EPA 537","Initial","1803087-11","Vista","13C8-PFOS","13C8-PFOS","96.3","%R","","-99","NA","","IS","96.3","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPS1-TT-MW309D-20180915","Modified EPA 537","Initial","1803087-11","Vista","13C2-PFDA","13C2-PFDA","74.2","%R","","-99","NA","","IS","74.2","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPS1-TT-MW309D-20180915","Modified EPA 537","Initial","1803087-11","Vista","13C2-8:2 FTS","13C2-8:2 FTS","84.0","%R","","-99","NA","","IS","84.0","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPS1-TT-MW309D-20180915","Modified EPA 537","Initial","1803087-11","Vista","d3-MeFOSAA","d3-MeFOSAA","74.7","%R","","-99","NA","","IS","74.7","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPS1-TT-MW309D-20180915","Modified EPA 537","Initial","1803087-11","Vista","d5-EtFOSAA","d5-EtFOSAA","89.1","%R","","-99","NA","","IS","89.1","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPS1-TT-MW309D-20180915","Modified EPA 537","Initial","1803087-11","Vista","13C2-PFUnA","13C2-PFUnA","79.3","%R","","-99","NA","","IS","79.3","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPS1-TT-MW309D-20180915","Modified EPA 537","Initial","1803087-11","Vista","13C2-PFDoA","13C2-PFDoA","80.4","%R","","-99","NA","","IS","80.4","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPS1-TT-MW309D-20180915","Modified EPA 537","Initial","1803087-11","Vista","13C2-PFTeDA","13C2-PFTeDA","83.1","%R","","-99","NA","","IS","83.1","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPS1-TT-MW309I-20180915","Modified EPA 537","Initial","1803087-12","Vista","375-22-4","PFBA","14.5","ng/L","","2.88","LOD","","TRG","","","8.41","LOQ","YES","-99","","0.119","0.001","5.25",""
"BPS1-TT-MW309I-20180915","Modified EPA 537","Initial","1803087-12","Vista","2706-90-3","PFPeA","44.8","ng/L","","2.88","LOD","","TRG","","","8.41","LOQ","YES","-99","","0.119","0.001","5.25",""
"BPS1-TT-MW309I-20180915","Modified EPA 537","Initial","1803087-12","Vista","375-73-5","PFBS","5.25","ng/L","UU","2.88","LOD","","TRG","","","8.41","LOQ","YES","-99","","0.119","0.001","5.25",""
"BPS1-TT-MW309I-20180915","Modified EPA 537","Initial","1803087-12","Vista","307-24-4","PFHxA","28.0","ng/L","","2.88","LOD","","TRG","","","8.41","LOQ","YES","-99","","0.119","0.001","5.25",""
"BPS1-TT-MW309I-20180915","Modified EPA 537","Initial","1803087-12","Vista","375-85-9","PFHpA","17.4","ng/L","","2.88","LOD","","TRG","","","8.41","LOQ","YES","-99","","0.119","0.001","5.25",""
"BPS1-TT-MW309I-20180915","Modified EPA 537","Initial","1803087-12","Vista","355-46-4","PFHxS","3.36","ng/L","J","2.88","LOD","","TRG","","","8.41","LOQ","YES","-99","","0.119","0.001","5.25",""
"BPS1-TT-MW309I-20180915","Modified EPA 537","Initial","1803087-12","Vista","27619-97-2","6:2 FTS","5.25","ng/L","UU","2.88","LOD","","TRG","","","8.41","LOQ","YES","-99","","0.119","0.001","5.25",""
"BPS1-TT-MW309I-20180915","Modified EPA 537","Initial","1803087-12","Vista","335-67-1","PFOA","16.4","ng/L","","2.88","LOD","","TRG","","","8.41","LOQ","YES","-99","","0.119","0.001","5.25",""
"BPS1-TT-MW309I-20180915","Modified EPA 537","Initial","1803087-12","Vista","375-92-8","PFHpS","5.25","ng/L","UU","2.88","LOD","","TRG","","","8.41","LOQ","YES","-99","","0.119","0.001","5.25",""
"BPS1-TT-MW309I-20180915","Modified EPA 537","Initial","1803087-12","Vista","375-95-1","PFNA","8.91","ng/L","","2.88","LOD","","TRG","","","8.41","LOQ","YES","-99","","0.119","0.001","5.25",""
"BPS1-TT-MW309I-20180915","Modified EPA 537","Initial","1803087-12","Vista","754-91-6","PFOSA","5.25","ng/L","UU","2.88","LOD","","TRG","","","8.41","LOQ","YES","-99","","0.119","0.001","5.25",""
"BPS1-TT-MW309I-20180915","Modified EPA 537","Initial","1803087-12","Vista","1763-23-1","PFOS","10.8","ng/L","","2.88","LOD","","TRG","","","8.41","LOQ","YES","-99","","0.119","0.001","5.25",""
"BPS1-TT-MW309I-20180915","Modified EPA 537","Initial","1803087-12","Vista","335-76-2","PFDA","5.25","ng/L","UU","2.88","LOD","","TRG","","","8.41","LOQ","YES","-99","","0.119","0.001","5.25",""
"BPS1-TT-MW309I-20180915","Modified EPA 537","Initial","1803087-12","Vista","39108-34-4","8:2 FTS","5.25","ng/L","UU","2.88","LOD","","TRG","","","8.41","LOQ","YES","-99","","0.119","0.001","5.25",""
"BPS1-TT-MW309I-20180915","Modified EPA 537","Initial","1803087-12","Vista","2355-31-9","MeFOSAA","5.25","ng/L","UU","2.88","LOD","","TRG","","","8.41","LOQ","YES","-99","","0.119","0.001","5.25",""
"BPS1-TT-MW309I-20180915","Modified EPA 537","Initial","1803087-12","Vista","2991-50-6","EtFOSAA","5.25","ng/L","UU","2.88","LOD","","TRG","","","8.41","LOQ","YES","-99","","0.119","0.001","5.25"

" , ""
"BPS1-TT-MW309I-20180915","Modified EPA 537","Initial","1803087-12","Vista","2058-94-8","PFUnA","5.25","ng/L","UU","2.88","LOD","","TRG","","","8.41","LOQ","YES","-99","","0.119","0.001","5.25",""
"BPS1-TT-MW309I-20180915","Modified EPA 537","Initial","1803087-12","Vista","335-77-3","PFDS","5.25","ng/L","UU","2.88","LOD","","TRG","","","8.41","LOQ","YES","-99","","0.119","0.001","5.25",""
"BPS1-TT-MW309I-20180915","Modified EPA 537","Initial","1803087-12","Vista","307-55-1","PFDoA","5.25","ng/L","UU","2.88","LOD","","TRG","","","8.41","LOQ","YES","-99","","0.119","0.001","5.25",""
"BPS1-TT-MW309I-20180915","Modified EPA 537","Initial","1803087-12","Vista","72629-94-8","PFTTrDA","5.25","ng/L","UU","2.88","LOD","","TRG","","","8.41","LOQ","YES","-99","","0.119","0.001","5.25",""
"BPS1-TT-MW309I-20180915","Modified EPA 537","Initial","1803087-12","Vista","376-06-7","PFTeDA","5.25","ng/L","UU","2.88","LOD","","TRG","","","8.41","LOQ","YES","-99","","0.119","0.001","5.25",""
"BPS1-TT-MW309I-20180915","Modified EPA 537","Initial","1803087-12","Vista","13C3-PFBA","13C3-PFBA","95.4","%R","","-99","NA","","IS","95.4","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPS1-TT-MW309I-20180915","Modified EPA 537","Initial","1803087-12","Vista","13C3-PFPeA","13C3-PFPeA","92.3","%R","","-99","NA","","IS","92.3","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPS1-TT-MW309I-20180915","Modified EPA 537","Initial","1803087-12","Vista","13C3-PFBS","13C3-PFBS","99.1","%R","","-99","NA","","IS","99.1","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPS1-TT-MW309I-20180915","Modified EPA 537","Initial","1803087-12","Vista","13C2-PFHxA","13C2-PFHxA","94.9","%R","","-99","NA","","IS","94.9","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPS1-TT-MW309I-20180915","Modified EPA 537","Initial","1803087-12","Vista","13C4-PFHpA","13C4-PFHpA","91.4","%R","","-99","NA","","IS","91.4","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPS1-TT-MW309I-20180915","Modified EPA 537","Initial","1803087-12","Vista","18O2-PFHxS","18O2-PFHxS","106","%R","","-99","NA","","IS","106","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPS1-TT-MW309I-20180915","Modified EPA 537","Initial","1803087-12","Vista","13C2-6:2 FTS","13C2-6:2 FTS","92.7","%R","","-99","NA","","IS","92.7","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPS1-TT-MW309I-20180915","Modified EPA 537","Initial","1803087-12","Vista","13C2-PFOA","13C2-PFOA","86.8","%R","","-99","NA","","IS","86.8","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPS1-TT-MW309I-20180915","Modified EPA 537","Initial","1803087-12","Vista","13C5-PFNA","13C5-PFNA","82.0","%R","","-99","NA","","IS","82.0","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPS1-TT-MW309I-20180915","Modified EPA 537","Initial","1803087-12","Vista","13C8-PFOSA","13C8-PFOSA","62.8","%R","","-99","NA","","IS","62.8","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPS1-TT-MW309I-20180915","Modified EPA 537","Initial","1803087-12","Vista","13C8-PFOS","13C8-PFOS","106","%R","","-99","NA","","IS","106","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPS1-TT-MW309I-20180915","Modified EPA 537","Initial","1803087-12","Vista","13C2-PFDA","13C2-PFDA","72.9","%R","","-99","NA","","IS","72.9","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPS1-TT-MW309I-20180915","Modified EPA 537","Initial","1803087-12","Vista","13C2-8:2 FTS","13C2-8:2 FTS","82.5","%R","","-99","NA","","IS","82.5","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPS1-TT-MW309I-20180915","Modified EPA 537","Initial","1803087-12","Vista","d3-MeFOSAA","d3-MeFOSAA","72.6","%R","","-99","NA","","IS","72.6","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPS1-TT-MW309I-20180915","Modified EPA 537","Initial","1803087-12","Vista","d5-EtFOSAA","d5-EtFOSAA","79.4","%R","","-99","NA","","IS","79.4","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPS1-TT-MW309I-20180915","Modified EPA 537","Initial","1803087-12","Vista","13C2-PFUnA","13C2-PFUnA","72.5","%R","","-99","NA","","IS","72.5","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPS1-TT-MW309I-20180915","Modified EPA 537","Initial","1803087-12","Vista","13C2-PFDoA","13C2-PFDoA","71.6","%R","","-99","NA","","IS","71.6","","-99","NA","YES","100","","0.119","0.001","-99",""
"BPS1-TT-MW309I-20180915","Modified EPA 537","Initial","1803087-12","Vista","13C2-PFTeDA","13C2-PFTeDA","72.2","%R","","-99","NA","","IS","72.2","","-99","NA","YES","100","","0.119","0.001","-99",""
"BP-HN-MW29IR-20180916","Modified EPA 537","Initial","1803087-13","Vista","375-22-4","PFBA","5.39","ng/L","UU","2.94","LOD","","TRG","","","8.59","LOQ","YES","-99","","0.116","0.001","5.39",""
"BP-HN-MW29IR-20180916","Modified EPA 537","Initial","1803087-13","Vista","2706-90-

3","PFPeA","4.21","ng/L","J","2.94","LOD","","TRG","","","8.59","LOQ","YES","-99","","0.116","0.001","5.39","
"BP-HN-MW29IR-20180916","Modified EPA 537","Initial","1803087-13","Vista","375-73-
5","PFBS","5.39","ng/L","UU","2.94","LOD","","TRG","","","8.59","LOQ","YES","-99","","0.116","0.001","5.39","
"BP-HN-MW29IR-20180916","Modified EPA 537","Initial","1803087-13","Vista","307-24-
4","PFHxA","3.01","ng/L","J","2.94","LOD","","TRG","","","8.59","LOQ","YES","-99","","0.116","0.001","5.39","
"BP-HN-MW29IR-20180916","Modified EPA 537","Initial","1803087-13","Vista","375-85-
9","PFHpA","3.12","ng/L","J,
Q","2.94","LOD","","TRG","","","8.59","LOQ","YES","-99","","0.116","0.001","5.39","
"BP-HN-MW29IR-20180916","Modified EPA 537","Initial","1803087-13","Vista","355-46-
4","PFHxS","5.39","ng/L","UU","2.94","LOD","","TRG","","","8.59","LOQ","YES","-99","","0.116","0.001","5.39","
"BP-HN-MW29IR-20180916","Modified EPA 537","Initial","1803087-13","Vista","27619-97-2","6:2
FTS","5.39","ng/L","UU","2.94","LOD","","TRG","","","8.59","LOQ","YES","-99","","0.116","0.001","5.39","
"BP-HN-MW29IR-20180916","Modified EPA 537","Initial","1803087-13","Vista","335-67-
1","PFOA","5.78","ng/L","J","2.94","LOD","","TRG","","","8.59","LOQ","YES","-99","","0.116","0.001","5.39","
"BP-HN-MW29IR-20180916","Modified EPA 537","Initial","1803087-13","Vista","375-92-
8","PFHpS","5.39","ng/L","UU","2.94","LOD","","TRG","","","8.59","LOQ","YES","-99","","0.116","0.001","5.39","
"BP-HN-MW29IR-20180916","Modified EPA 537","Initial","1803087-13","Vista","375-95-
1","PFNA","5.39","ng/L","UU","2.94","LOD","","TRG","","","8.59","LOQ","YES","-99","","0.116","0.001","5.39","
"BP-HN-MW29IR-20180916","Modified EPA 537","Initial","1803087-13","Vista","754-91-
6","PFOSA","5.39","ng/L","UU","2.94","LOD","","TRG","","","8.59","LOQ","YES","-99","","0.116","0.001","5.39","
"
"BP-HN-MW29IR-20180916","Modified EPA 537","Initial","1803087-13","Vista","1763-23-
1","PFOS","3.61","ng/L","J, Q","2.94","LOD","","TRG","","","8.59","LOQ","YES","-99","","0.116","0.001","5.39","
"BP-HN-MW29IR-20180916","Modified EPA 537","Initial","1803087-13","Vista","335-76-
2","PFDA","3.40","ng/L","J","2.94","LOD","","TRG","","","8.59","LOQ","YES","-99","","0.116","0.001","5.39","
"BP-HN-MW29IR-20180916","Modified EPA 537","Initial","1803087-13","Vista","39108-34-4","8:2
FTS","5.39","ng/L","UU","2.94","LOD","","TRG","","","8.59","LOQ","YES","-99","","0.116","0.001","5.39","
"BP-HN-MW29IR-20180916","Modified EPA 537","Initial","1803087-13","Vista","2355-31-
9","MeFOSAA","5.39","ng/L","UU","2.94","LOD","","TRG","","","8.59","LOQ","YES","-99","","0.116","0.001","5.3
9","
"BP-HN-MW29IR-20180916","Modified EPA 537","Initial","1803087-13","Vista","2991-50-
6","EtFOSAA","5.39","ng/L","UU","2.94","LOD","","TRG","","","8.59","LOQ","YES","-99","","0.116","0.001","5.39
","
"BP-HN-MW29IR-20180916","Modified EPA 537","Initial","1803087-13","Vista","2058-94-
8","PFUnA","5.39","ng/L","UU","2.94","LOD","","TRG","","","8.59","LOQ","YES","-99","","0.116","0.001","5.39","
"
"BP-HN-MW29IR-20180916","Modified EPA 537","Initial","1803087-13","Vista","335-77-
3","PFDS","5.39","ng/L","UU","2.94","LOD","","TRG","","","8.59","LOQ","YES","-99","","0.116","0.001","5.39","
"BP-HN-MW29IR-20180916","Modified EPA 537","Initial","1803087-13","Vista","307-55-
1","PFDoA","5.39","ng/L","UU","2.94","LOD","","TRG","","","8.59","LOQ","YES","-99","","0.116","0.001","5.39","
"
"BP-HN-MW29IR-20180916","Modified EPA 537","Initial","1803087-13","Vista","72629-94-
8","PFTTrDA","5.39","ng/L","UU","2.94","LOD","","TRG","","","8.59","LOQ","YES","-99","","0.116","0.001","5.39",
"
"BP-HN-MW29IR-20180916","Modified EPA 537","Initial","1803087-13","Vista","376-06-
7","PFTeDA","5.39","ng/L","UU","2.94","LOD","","TRG","","","8.59","LOQ","YES","-99","","0.116","0.001","5.39",
"
"BP-HN-MW29IR-20180916","Modified EPA 537","Initial","1803087-13","Vista","13C3-PFBA","13C3-
PFBA","98.6","%R","","-99","NA","","IS","98.6","","-99","NA","YES","100","","0.116","0.001","-99",
"BP-HN-MW29IR-20180916","Modified EPA 537","Initial","1803087-13","Vista","13C3-PFPeA","13C3-
PFPeA","93.2","%R","","-99","NA","","IS","93.2","","-99","NA","YES","100","","0.116","0.001","-99",
"BP-HN-MW29IR-20180916","Modified EPA 537","Initial","1803087-13","Vista","13C3-PFBS","13C3-
PFBS","99.3","%R","","-99","NA","","IS","99.3","","-99","NA","YES","100","","0.116","0.001","-99",
"BP-HN-MW29IR-20180916","Modified EPA 537","Initial","1803087-13","Vista","13C2-PFHxA","13C2-

PFHxA","93.9","%R","",-99","NA","","IS","93.9","",-99","NA","YES","100","","0.116","0.001","-99",""
"BP-HN-MW29IR-20180916","Modified EPA 537","Initial","1803087-13","Vista","13C4-PFHpA","13C4-
PFHpA","97.5","%R","",-99","NA","","IS","97.5","",-99","NA","YES","100","","0.116","0.001","-99",""
"BP-HN-MW29IR-20180916","Modified EPA 537","Initial","1803087-13","Vista","18O2-PFHxS","18O2-
PFHxS","108","%R","",-99","NA","","IS","108","",-99","NA","YES","100","","0.116","0.001","-99",""
"BP-HN-MW29IR-20180916","Modified EPA 537","Initial","1803087-13","Vista","13C2-6:2 FTS","13C2-6:2
FTS","89.2","%R","",-99","NA","","IS","89.2","",-99","NA","YES","100","","0.116","0.001","-99",""
"BP-HN-MW29IR-20180916","Modified EPA 537","Initial","1803087-13","Vista","13C2-PFOA","13C2-
PFOA","96.9","%R","",-99","NA","","IS","96.9","",-99","NA","YES","100","","0.116","0.001","-99",""
"BP-HN-MW29IR-20180916","Modified EPA 537","Initial","1803087-13","Vista","13C5-PFNA","13C5-
PFNA","79.3","%R","",-99","NA","","IS","79.3","",-99","NA","YES","100","","0.116","0.001","-99",""
"BP-HN-MW29IR-20180916","Modified EPA 537","Initial","1803087-13","Vista","13C8-PFOSA","13C8-
PFOSA","64.4","%R","",-99","NA","","IS","64.4","",-99","NA","YES","100","","0.116","0.001","-99",""
"BP-HN-MW29IR-20180916","Modified EPA 537","Initial","1803087-13","Vista","13C8-PFOS","13C8-
PFOS","96.8","%R","",-99","NA","","IS","96.8","",-99","NA","YES","100","","0.116","0.001","-99",""
"BP-HN-MW29IR-20180916","Modified EPA 537","Initial","1803087-13","Vista","13C2-PFDA","13C2-
PFDA","73.7","%R","",-99","NA","","IS","73.7","",-99","NA","YES","100","","0.116","0.001","-99",""
"BP-HN-MW29IR-20180916","Modified EPA 537","Initial","1803087-13","Vista","13C2-8:2 FTS","13C2-8:2
FTS","86.0","%R","",-99","NA","","IS","86.0","",-99","NA","YES","100","","0.116","0.001","-99",""
"BP-HN-MW29IR-20180916","Modified EPA 537","Initial","1803087-13","Vista","d3-MeFOSAA","d3-
MeFOSAA","75.5","%R","",-99","NA","","IS","75.5","",-99","NA","YES","100","","0.116","0.001","-99",""
"BP-HN-MW29IR-20180916","Modified EPA 537","Initial","1803087-13","Vista","d5-EtFOSAA","d5-
EtFOSAA","78.6","%R","",-99","NA","","IS","78.6","",-99","NA","YES","100","","0.116","0.001","-99",""
"BP-HN-MW29IR-20180916","Modified EPA 537","Initial","1803087-13","Vista","13C2-PFUnA","13C2-
PFUnA","80.1","%R","",-99","NA","","IS","80.1","",-99","NA","YES","100","","0.116","0.001","-99",""
"BP-HN-MW29IR-20180916","Modified EPA 537","Initial","1803087-13","Vista","13C2-PFDoA","13C2-
PFDoA","77.4","%R","",-99","NA","","IS","77.4","",-99","NA","YES","100","","0.116","0.001","-99",""
"BP-HN-MW29IR-20180916","Modified EPA 537","Initial","1803087-13","Vista","13C2-PFTeDA","13C2-
PFTeDA","83.3","%R","",-99","NA","","IS","83.3","",-99","NA","YES","100","","0.116","0.001","-99",""
"BP-HN-MW29D-20180916","Modified EPA 537","Initial","1803087-14","Vista","375-22-
4","PFBA","13.4","ng/L","","2.69","LOD","","TRG","","","7.86","LOQ","YES","-99","","0.127","0.001","4.92",""
"BP-HN-MW29D-20180916","Modified EPA 537","Initial","1803087-14","Vista","2706-90-
3","PFPeA","22.6","ng/L","","2.69","LOD","","TRG","","","7.86","LOQ","YES","-99","","0.127","0.001","4.92",""
"BP-HN-MW29D-20180916","Modified EPA 537","Initial","1803087-14","Vista","375-73-
5","PFBS","4.92","ng/L","UU","2.69","LOD","","TRG","","","7.86","LOQ","YES","-99","","0.127","0.001","4.92",""
"BP-HN-MW29D-20180916","Modified EPA 537","Initial","1803087-14","Vista","307-24-
4","PFHxA","14.5","ng/L","","2.69","LOD","","TRG","","","7.86","LOQ","YES","-99","","0.127","0.001","4.92",""
"BP-HN-MW29D-20180916","Modified EPA 537","Initial","1803087-14","Vista","375-85-
9","PFHpA","9.10","ng/L","","2.69","LOD","","TRG","","","7.86","LOQ","YES","-99","","0.127","0.001","4.92",""
"BP-HN-MW29D-20180916","Modified EPA 537","Initial","1803087-14","Vista","355-46-
4","PFHxS","4.92","ng/L","UU","2.69","LOD","","TRG","","","7.86","LOQ","YES","-99","","0.127","0.001","4.92",""
"BP-HN-MW29D-20180916","Modified EPA 537","Initial","1803087-14","Vista","27619-97-2","6:2
FTS","4.92","ng/L","UU","2.69","LOD","","TRG","","","7.86","LOQ","YES","-99","","0.127","0.001","4.92",""
"BP-HN-MW29D-20180916","Modified EPA 537","Initial","1803087-14","Vista","335-67-
1","PFOA","12.6","ng/L","","2.69","LOD","","TRG","","","7.86","LOQ","YES","-99","","0.127","0.001","4.92",""
"BP-HN-MW29D-20180916","Modified EPA 537","Initial","1803087-14","Vista","375-92-
8","PFHpS","4.92","ng/L","UU","2.69","LOD","","TRG","","","7.86","LOQ","YES","-99","","0.127","0.001","4.92",""
"BP-HN-MW29D-20180916","Modified EPA 537","Initial","1803087-14","Vista","375-95-
1","PFNA","2.75","ng/L","J","2.69","LOD","","TRG","","","7.86","LOQ","YES","-99","","0.127","0.001","4.92",""
"BP-HN-MW29D-20180916","Modified EPA 537","Initial","1803087-14","Vista","754-91-
6","PFOSA","4.92","ng/L","UU","2.69","LOD","","TRG","","","7.86","LOQ","YES","-99","","0.127","0.001","4.92",""
"BP-HN-MW29D-20180916","Modified EPA 537","Initial","1803087-14","Vista","1763-23-
1","PFOS","5.89","ng/L","J, Q","2.69","LOD","","TRG","","","7.86","LOQ","YES","-99","","0.127","0.001","4.92",""

"BP-HN-MW29D-20180916","Modified EPA 537","Initial","1803087-14","Vista","335-76-2","PFDA","4.92","ng/L","UU","2.69","LOD","","TRG","","","7.86","LOQ","YES","-99","","0.127","0.001","4.92",""

"BP-HN-MW29D-20180916","Modified EPA 537","Initial","1803087-14","Vista","39108-34-4","8:2 FTS","4.92","ng/L","UU","2.69","LOD","","TRG","","","7.86","LOQ","YES","-99","","0.127","0.001","4.92",""

"BP-HN-MW29D-20180916","Modified EPA 537","Initial","1803087-14","Vista","2355-31-9","MeFOSAA","4.92","ng/L","UU","2.69","LOD","","TRG","","","7.86","LOQ","YES","-99","","0.127","0.001","4.92",""

"BP-HN-MW29D-20180916","Modified EPA 537","Initial","1803087-14","Vista","2991-50-6","EtFOSAA","4.92","ng/L","UU","2.69","LOD","","TRG","","","7.86","LOQ","YES","-99","","0.127","0.001","4.92",""

"BP-HN-MW29D-20180916","Modified EPA 537","Initial","1803087-14","Vista","2058-94-8","PFUnA","4.92","ng/L","UU","2.69","LOD","","TRG","","","7.86","LOQ","YES","-99","","0.127","0.001","4.92",""

"BP-HN-MW29D-20180916","Modified EPA 537","Initial","1803087-14","Vista","335-77-3","PFDS","4.92","ng/L","UU","2.69","LOD","","TRG","","","7.86","LOQ","YES","-99","","0.127","0.001","4.92",""

"BP-HN-MW29D-20180916","Modified EPA 537","Initial","1803087-14","Vista","307-55-1","PFDoA","4.92","ng/L","UU","2.69","LOD","","TRG","","","7.86","LOQ","YES","-99","","0.127","0.001","4.92",""

"BP-HN-MW29D-20180916","Modified EPA 537","Initial","1803087-14","Vista","72629-94-8","PFTTrDA","4.92","ng/L","UU","2.69","LOD","","TRG","","","7.86","LOQ","YES","-99","","0.127","0.001","4.92",""

"BP-HN-MW29D-20180916","Modified EPA 537","Initial","1803087-14","Vista","376-06-7","PFTeDA","4.92","ng/L","UU","2.69","LOD","","TRG","","","7.86","LOQ","YES","-99","","0.127","0.001","4.92",""

"BP-HN-MW29D-20180916","Modified EPA 537","Initial","1803087-14","Vista","13C3-PFBA","13C3-PFBA","97.4","%R","","-99","NA","","IS","97.4","","-99","NA","YES","100","","0.127","0.001","-99",""

"BP-HN-MW29D-20180916","Modified EPA 537","Initial","1803087-14","Vista","13C3-PFPeA","13C3-PFPeA","91.7","%R","","-99","NA","","IS","91.7","","-99","NA","YES","100","","0.127","0.001","-99",""

"BP-HN-MW29D-20180916","Modified EPA 537","Initial","1803087-14","Vista","13C3-PFBS","13C3-PFBS","98.1","%R","","-99","NA","","IS","98.1","","-99","NA","YES","100","","0.127","0.001","-99",""

"BP-HN-MW29D-20180916","Modified EPA 537","Initial","1803087-14","Vista","13C2-PFHxA","13C2-PFHxA","92.2","%R","","-99","NA","","IS","92.2","","-99","NA","YES","100","","0.127","0.001","-99",""

"BP-HN-MW29D-20180916","Modified EPA 537","Initial","1803087-14","Vista","13C4-PFHpA","13C4-PFHpA","95.1","%R","","-99","NA","","IS","95.1","","-99","NA","YES","100","","0.127","0.001","-99",""

"BP-HN-MW29D-20180916","Modified EPA 537","Initial","1803087-14","Vista","18O2-PFHxS","18O2-PFHxS","101","%R","","-99","NA","","IS","101","","-99","NA","YES","100","","0.127","0.001","-99",""

"BP-HN-MW29D-20180916","Modified EPA 537","Initial","1803087-14","Vista","13C2-6:2 FTS","13C2-6:2 FTS","91.6","%R","","-99","NA","","IS","91.6","","-99","NA","YES","100","","0.127","0.001","-99",""

"BP-HN-MW29D-20180916","Modified EPA 537","Initial","1803087-14","Vista","13C2-PFOA","13C2-PFOA","89.0","%R","","-99","NA","","IS","89.0","","-99","NA","YES","100","","0.127","0.001","-99",""

"BP-HN-MW29D-20180916","Modified EPA 537","Initial","1803087-14","Vista","13C5-PFNA","13C5-PFNA","77.7","%R","","-99","NA","","IS","77.7","","-99","NA","YES","100","","0.127","0.001","-99",""

"BP-HN-MW29D-20180916","Modified EPA 537","Initial","1803087-14","Vista","13C8-PFOSA","13C8-PFOSA","56.0","%R","","-99","NA","","IS","56.0","","-99","NA","YES","100","","0.127","0.001","-99",""

"BP-HN-MW29D-20180916","Modified EPA 537","Initial","1803087-14","Vista","13C8-PFOS","13C8-PFOS","98.7","%R","","-99","NA","","IS","98.7","","-99","NA","YES","100","","0.127","0.001","-99",""

"BP-HN-MW29D-20180916","Modified EPA 537","Initial","1803087-14","Vista","13C2-PFDA","13C2-PFDA","69.9","%R","","-99","NA","","IS","69.9","","-99","NA","YES","100","","0.127","0.001","-99",""

"BP-HN-MW29D-20180916","Modified EPA 537","Initial","1803087-14","Vista","13C2-8:2 FTS","13C2-8:2 FTS","78.2","%R","","-99","NA","","IS","78.2","","-99","NA","YES","100","","0.127","0.001","-99",""

"BP-HN-MW29D-20180916","Modified EPA 537","Initial","1803087-14","Vista","d3-MeFOSAA","d3-MeFOSAA","78.2","%R","","-99","NA","","IS","78.2","","-99","NA","YES","100","","0.127","0.001","-99",""

"BP-HN-MW29D-20180916","Modified EPA 537","Initial","1803087-14","Vista","d5-EtFOSAA","d5-EtFOSAA","77.5","%R","","-99","NA","","IS","77.5","","-99","NA","YES","100","","0.127","0.001","-99",""

"BP-HN-MW29D-20180916","Modified EPA 537","Initial","1803087-14","Vista","13C2-PFUnA","13C2-PFUnA","68.9","%R","","-99","NA","","IS","68.9","","-99","NA","YES","100","","0.127","0.001","-99",""

"BP-HN-MW29D-20180916","Modified EPA 537","Initial","1803087-14","Vista","13C2-PFDoA","13C2-PFDoA","74.4","%R","","-99","NA","","IS","74.4","","-99","NA","YES","100","","0.127","0.001","-99",""

"BP-HN-MW29D-20180916","Modified EPA 537","Initial","1803087-14","Vista","13C2-PFTeDA","13C2-PFTeDA","66.5","%R","","-99","NA","","IS","66.5","","-99","NA","YES","100","","0.127","0.001","-99",""

"B8I0157-BLK1","Modified EPA 537","Initial","B8I0157-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",""

"B8I0157-BLK1","Modified EPA 537","Initial","B8I0157-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",""

"B8I0157-BLK1","Modified EPA 537","Initial","B8I0157-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",""

"B8I0157-BLK1","Modified EPA 537","Initial","B8I0157-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",""

"B8I0157-BLK1","Modified EPA 537","Initial","B8I0157-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",""

"B8I0157-BLK1","Modified EPA 537","Initial","B8I0157-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",""

"B8I0157-BLK1","Modified EPA 537","Initial","B8I0157-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",""

"B8I0157-BLK1","Modified EPA 537","Initial","B8I0157-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",""

"B8I0157-BLK1","Modified EPA 537","Initial","B8I0157-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",""

"B8I0157-BLK1","Modified EPA 537","Initial","B8I0157-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",""

"B8I0157-BLK1","Modified EPA 537","Initial","B8I0157-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",""

"B8I0157-BLK1","Modified EPA 537","Initial","B8I0157-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",""

"B8I0157-BLK1","Modified EPA 537","Initial","B8I0157-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",""

"B8I0157-BLK1","Modified EPA 537","Initial","B8I0157-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",""

"B8I0157-BLK1","Modified EPA 537","Initial","B8I0157-BLK1","Vista","2355-31-9","MeFOSAA","5.00","ng/L","UU","2.74","LOD","","TRG","","","8.00","LOQ","YES","-99","","0.125","0.001","5.00",""

"B8I0157-BLK1","Modified EPA 537","Initial","B8I0157-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",""

"B8I0157-BLK1","Modified EPA 537","Initial","B8I0157-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",""

"B8I0157-BLK1","Modified EPA 537","Initial","B8I0157-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",""

"B8I0157-BLK1","Modified EPA 537","Initial","B8I0157-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",""

"B8I0157-BLK1","Modified EPA 537","Initial","B8I0157-BLK1","Vista","72629-94-8","PFTTrDA","5.00","ng/L","UU","2.74","LOD","","TRG","","","8.00","LOQ","YES","-99","","0.125","0.001","5.00",""

"B8I0157-BLK1","Modified EPA 537","Initial","B8I0157-BLK1","Vista","376-06-7","PFTeDA","5.00","ng/L","","2.74","LOD","","TRG","","8.00","LOQ","YES","-99","","0.125","0.001","5.00",
""
"B8I0157-BLK1","Modified EPA 537","Initial","B8I0157-BLK1","Vista","13C3-PFBA","13C3-PFBA","100","%R","","-99","NA","","IS","100","","-99","NA","YES","100","","0.125","0.001","-99",""
"B8I0157-BLK1","Modified EPA 537","Initial","B8I0157-BLK1","Vista","13C3-PFPeA","13C3-PFPeA","98.1","%R","","-99","NA","","IS","98.1","","-99","NA","YES","100","","0.125","0.001","-99",""
"B8I0157-BLK1","Modified EPA 537","Initial","B8I0157-BLK1","Vista","13C3-PFBS","13C3-PFBS","92.8","%R","","-99","NA","","IS","92.8","","-99","NA","YES","100","","0.125","0.001","-99",""
"B8I0157-BLK1","Modified EPA 537","Initial","B8I0157-BLK1","Vista","13C2-PFHxA","13C2-PFHxA","99.4","%R","","-99","NA","","IS","99.4","","-99","NA","YES","100","","0.125","0.001","-99",""
"B8I0157-BLK1","Modified EPA 537","Initial","B8I0157-BLK1","Vista","13C4-PFHpA","13C4-PFHpA","98.8","%R","","-99","NA","","IS","98.8","","-99","NA","YES","100","","0.125","0.001","-99",""
"B8I0157-BLK1","Modified EPA 537","Initial","B8I0157-BLK1","Vista","18O2-PFHxS","18O2-PFHxS","107","%R","","-99","NA","","IS","107","","-99","NA","YES","100","","0.125","0.001","-99",""
"B8I0157-BLK1","Modified EPA 537","Initial","B8I0157-BLK1","Vista","13C2-6:2 FTS","13C2-6:2 FTS","92.4","%R","","-99","NA","","IS","92.4","","-99","NA","YES","100","","0.125","0.001","-99",""
"B8I0157-BLK1","Modified EPA 537","Initial","B8I0157-BLK1","Vista","13C2-PFOA","13C2-PFOA","91.4","%R","","-99","NA","","IS","91.4","","-99","NA","YES","100","","0.125","0.001","-99",""
"B8I0157-BLK1","Modified EPA 537","Initial","B8I0157-BLK1","Vista","13C5-PFNA","13C5-PFNA","84.6","%R","","-99","NA","","IS","84.6","","-99","NA","YES","100","","0.125","0.001","-99",""
"B8I0157-BLK1","Modified EPA 537","Initial","B8I0157-BLK1","Vista","13C8-PFOSA","13C8-PFOSA","29.3","%R","H","-99","NA","","IS","29.3","","-99","NA","YES","100","","0.125","0.001","-99",""
"B8I0157-BLK1","Modified EPA 537","Initial","B8I0157-BLK1","Vista","13C8-PFOS","13C8-PFOS","100","%R","","-99","NA","","IS","100","","-99","NA","YES","100","","0.125","0.001","-99",""
"B8I0157-BLK1","Modified EPA 537","Initial","B8I0157-BLK1","Vista","13C2-PFDA","13C2-PFDA","70.4","%R","","-99","NA","","IS","70.4","","-99","NA","YES","100","","0.125","0.001","-99",""
"B8I0157-BLK1","Modified EPA 537","Initial","B8I0157-BLK1","Vista","13C2-8:2 FTS","13C2-8:2 FTS","87.6","%R","","-99","NA","","IS","87.6","","-99","NA","YES","100","","0.125","0.001","-99",""
"B8I0157-BLK1","Modified EPA 537","Initial","B8I0157-BLK1","Vista","d3-MeFOSAA","d3-MeFOSAA","68.2","%R","","-99","NA","","IS","68.2","","-99","NA","YES","100","","0.125","0.001","-99",""
"B8I0157-BLK1","Modified EPA 537","Initial","B8I0157-BLK1","Vista","d5-EtFOSAA","d5-EtFOSAA","75.0","%R","","-99","NA","","IS","75.0","","-99","NA","YES","100","","0.125","0.001","-99",""
"B8I0157-BLK1","Modified EPA 537","Initial","B8I0157-BLK1","Vista","13C2-PFUnA","13C2-PFUnA","73.2","%R","","-99","NA","","IS","73.2","","-99","NA","YES","100","","0.125","0.001","-99",""
"B8I0157-BLK1","Modified EPA 537","Initial","B8I0157-BLK1","Vista","13C2-PFDoA","13C2-PFDoA","68.8","%R","","-99","NA","","IS","68.8","","-99","NA","YES","100","","0.125","0.001","-99",""
"B8I0157-BLK1","Modified EPA 537","Initial","B8I0157-BLK1","Vista","13C2-PFTeDA","13C2-PFTeDA","81.7","%R","","-99","NA","","IS","81.7","","-99","NA","YES","100","","0.125","0.001","-99",""
"B8I0157-BS1","Modified EPA 537","Initial","B8I0157-BS1","Vista","375-22-4","PFBA","67.7","ng/L","","2.74","LOD","","TRG","84.7","","8.00","LOQ","YES","80.0","","0.125","0.001","5.00",
"
"B8I0157-BS1","Modified EPA 537","Initial","B8I0157-BS1","Vista","2706-90-3","PFPeA","69.4","ng/L","","2.74","LOD","","TRG","86.8","","8.00","LOQ","YES","80.0","","0.125","0.001","5.00",
"
"B8I0157-BS1","Modified EPA 537","Initial","B8I0157-BS1","Vista","375-73-5","PFBS","72.3","ng/L","","2.74","LOD","","TRG","90.3","","8.00","LOQ","YES","80.0","","0.125","0.001","5.00",
"
"B8I0157-BS1","Modified EPA 537","Initial","B8I0157-BS1","Vista","307-24-4","PFHxA","68.4","ng/L","","2.74","LOD","","TRG","85.5","","8.00","LOQ","YES","80.0","","0.125","0.001","5.00",
"
"B8I0157-BS1","Modified EPA 537","Initial","B8I0157-BS1","Vista","375-85-9","PFHpA","64.9","ng/L","","2.74","LOD","","TRG","81.2","","8.00","LOQ","YES","80.0","","0.125","0.001","5.00",
"

"B8I0157-BS1","Modified EPA 537","Initial","B8I0157-BS1","Vista","355-46-4","PFHxS","69.8","ng/L","","2.74","LOD","","TRG","87.3","","8.00","LOQ","YES","80.0","","0.125","0.001","5.00",""

"B8I0157-BS1","Modified EPA 537","Initial","B8I0157-BS1","Vista","27619-97-2","6:2 FTS","67.5","ng/L","","2.74","LOD","","TRG","84.4","","8.00","LOQ","YES","80.0","","0.125","0.001","5.00",""

"B8I0157-BS1","Modified EPA 537","Initial","B8I0157-BS1","Vista","335-67-1","PFOA","62.2","ng/L","","2.74","LOD","","TRG","77.8","","8.00","LOQ","YES","80.0","","0.125","0.001","5.00",""

"B8I0157-BS1","Modified EPA 537","Initial","B8I0157-BS1","Vista","375-92-8","PFHpS","71.2","ng/L","","2.74","LOD","","TRG","89.0","","8.00","LOQ","YES","80.0","","0.125","0.001","5.00",""

"B8I0157-BS1","Modified EPA 537","Initial","B8I0157-BS1","Vista","375-95-1","PFNA","71.3","ng/L","","2.74","LOD","","TRG","89.1","","8.00","LOQ","YES","80.0","","0.125","0.001","5.00",""

"B8I0157-BS1","Modified EPA 537","Initial","B8I0157-BS1","Vista","754-91-6","PFOSA","69.7","ng/L","","2.74","LOD","","TRG","87.1","","8.00","LOQ","YES","80.0","","0.125","0.001","5.00",""

"B8I0157-BS1","Modified EPA 537","Initial","B8I0157-BS1","Vista","1763-23-1","PFOS","69.2","ng/L","","2.74","LOD","","TRG","86.5","","8.00","LOQ","YES","80.0","","0.125","0.001","5.00",""

"B8I0157-BS1","Modified EPA 537","Initial","B8I0157-BS1","Vista","335-76-2","PFDA","66.0","ng/L","","2.74","LOD","","TRG","82.5","","8.00","LOQ","YES","80.0","","0.125","0.001","5.00",""

"B8I0157-BS1","Modified EPA 537","Initial","B8I0157-BS1","Vista","39108-34-4","8:2 FTS","73.8","ng/L","","2.74","LOD","","TRG","92.2","","8.00","LOQ","YES","80.0","","0.125","0.001","5.00",""

"B8I0157-BS1","Modified EPA 537","Initial","B8I0157-BS1","Vista","2355-31-9","MeFOSAA","76.7","ng/L","","2.74","LOD","","TRG","95.8","","8.00","LOQ","YES","80.0","","0.125","0.001","5.00",""

"B8I0157-BS1","Modified EPA 537","Initial","B8I0157-BS1","Vista","2991-50-6","EtFOSAA","72.3","ng/L","","2.74","LOD","","TRG","90.3","","8.00","LOQ","YES","80.0","","0.125","0.001","5.00",""

"B8I0157-BS1","Modified EPA 537","Initial","B8I0157-BS1","Vista","2058-94-8","PFUnA","69.3","ng/L","","2.74","LOD","","TRG","86.6","","8.00","LOQ","YES","80.0","","0.125","0.001","5.00",""

"B8I0157-BS1","Modified EPA 537","Initial","B8I0157-BS1","Vista","335-77-3","PFDS","56.9","ng/L","","2.74","LOD","","TRG","71.1","","8.00","LOQ","YES","80.0","","0.125","0.001","5.00",""

"B8I0157-BS1","Modified EPA 537","Initial","B8I0157-BS1","Vista","307-55-1","PFDoA","66.0","ng/L","","2.74","LOD","","TRG","82.5","","8.00","LOQ","YES","80.0","","0.125","0.001","5.00",""

"B8I0157-BS1","Modified EPA 537","Initial","B8I0157-BS1","Vista","72629-94-8","PFTTrDA","69.4","ng/L","","2.74","LOD","","TRG","86.8","","8.00","LOQ","YES","80.0","","0.125","0.001","5.00",""

"B8I0157-BS1","Modified EPA 537","Initial","B8I0157-BS1","Vista","376-06-7","PFTeDA","61.2","ng/L","","2.74","LOD","","TRG","76.5","","8.00","LOQ","YES","80.0","","0.125","0.001","5.00",""

"B8I0157-BS1","Modified EPA 537","Initial","B8I0157-BS1","Vista","13C3-PFBA","13C3-PFBA","99.8","%R","","-99","NA","","IS","99.8","","-99","NA","YES","100","","0.125","0.001","-99",""

"B8I0157-BS1","Modified EPA 537","Initial","B8I0157-BS1","Vista","13C3-PFPeA","13C3-PFPeA","96.4","%R","","-99","NA","","IS","96.4","","-99","NA","YES","100","","0.125","0.001","-99",""

"B8I0157-BS1","Modified EPA 537","Initial","B8I0157-BS1","Vista","13C3-PFBS","13C3-PFBS","102","%R","","-99","NA","","IS","102","","-99","NA","YES","100","","0.125","0.001","-99",""

"B8I0157-BS1","Modified EPA 537","Initial","B8I0157-BS1","Vista","13C2-PFHxA","13C2-PFHxA","99.8","%R","","-99","NA","","IS","99.8","","-99","NA","YES","100","","0.125","0.001","-99",""

"B8I0157-BS1","Modified EPA 537","Initial","B8I0157-BS1","Vista","13C4-PFHpA","13C4-PFHpA","98.7","%R","","-99","NA","","IS","98.7","","-99","NA","YES","100","","0.125","0.001","-99",""
"B8I0157-BS1","Modified EPA 537","Initial","B8I0157-BS1","Vista","18O2-PFHxS","18O2-PFHxS","106","%R","","-99","NA","","IS","106","","-99","NA","YES","100","","0.125","0.001","-99",""
"B8I0157-BS1","Modified EPA 537","Initial","B8I0157-BS1","Vista","13C2-6:2 FTS","13C2-6:2 FTS","96.3","%R","","-99","NA","","IS","96.3","","-99","NA","YES","100","","0.125","0.001","-99",""
"B8I0157-BS1","Modified EPA 537","Initial","B8I0157-BS1","Vista","13C2-PFOA","13C2-PFOA","97.3","%R","","-99","NA","","IS","97.3","","-99","NA","YES","100","","0.125","0.001","-99",""
"B8I0157-BS1","Modified EPA 537","Initial","B8I0157-BS1","Vista","13C5-PFNA","13C5-PFNA","84.2","%R","","-99","NA","","IS","84.2","","-99","NA","YES","100","","0.125","0.001","-99",""
"B8I0157-BS1","Modified EPA 537","Initial","B8I0157-BS1","Vista","13C8-PFOSA","13C8-PFOSA","33.2","%R","H","-99","NA","","IS","33.2","","-99","NA","YES","100","","0.125","0.001","-99",""
"B8I0157-BS1","Modified EPA 537","Initial","B8I0157-BS1","Vista","13C8-PFOS","13C8-PFOS","97.2","%R","","-99","NA","","IS","97.2","","-99","NA","YES","100","","0.125","0.001","-99",""
"B8I0157-BS1","Modified EPA 537","Initial","B8I0157-BS1","Vista","13C2-PFDA","13C2-PFDA","70.1","%R","","-99","NA","","IS","70.1","","-99","NA","YES","100","","0.125","0.001","-99",""
"B8I0157-BS1","Modified EPA 537","Initial","B8I0157-BS1","Vista","13C2-8:2 FTS","13C2-8:2 FTS","92.0","%R","","-99","NA","","IS","92.0","","-99","NA","YES","100","","0.125","0.001","-99",""
"B8I0157-BS1","Modified EPA 537","Initial","B8I0157-BS1","Vista","d3-MeFOSAA","d3-MeFOSAA","68.8","%R","","-99","NA","","IS","68.8","","-99","NA","YES","100","","0.125","0.001","-99",""
"B8I0157-BS1","Modified EPA 537","Initial","B8I0157-BS1","Vista","d5-EtFOSAA","d5-EtFOSAA","71.9","%R","","-99","NA","","IS","71.9","","-99","NA","YES","100","","0.125","0.001","-99",""
"B8I0157-BS1","Modified EPA 537","Initial","B8I0157-BS1","Vista","13C2-PFUnA","13C2-PFUnA","72.3","%R","","-99","NA","","IS","72.3","","-99","NA","YES","100","","0.125","0.001","-99",""
"B8I0157-BS1","Modified EPA 537","Initial","B8I0157-BS1","Vista","13C2-PFDoA","13C2-PFDoA","70.5","%R","","-99","NA","","IS","70.5","","-99","NA","YES","100","","0.125","0.001","-99",""
"B8I0157-BS1","Modified EPA 537","Initial","B8I0157-BS1","Vista","13C2-PFTeDA","13C2-PFTeDA","85.2","%R","","-99","NA","","IS","85.2","","-99","NA","YES","100","","0.125","0.001","-99",""
"B8I0157-MS1","Modified EPA 537","Initial","B8I0157-MS1","Vista","375-22-4","PFBA","84.3","ng/L","","2.87","LOD","","TRG","85.3","","8.37","LOQ","YES","83.7","BP-TT-SW4002-20180915","0.119","0.001","5.25",""
"B8I0157-MS1","Modified EPA 537","Initial","B8I0157-MS1","Vista","2706-90-3","PFPeA","100","ng/L","","2.87","LOD","","TRG","83.9","","8.37","LOQ","YES","83.7","BP-TT-SW4002-20180915","0.119","0.001","5.25",""
"B8I0157-MS1","Modified EPA 537","Initial","B8I0157-MS1","Vista","375-73-5","PFBS","74.4","ng/L","","2.87","LOD","","TRG","86.4","","8.37","LOQ","YES","83.7","BP-TT-SW4002-20180915","0.119","0.001","5.25",""
"B8I0157-MS1","Modified EPA 537","Initial","B8I0157-MS1","Vista","307-24-4","PFHxA","94.2","ng/L","","2.87","LOD","","TRG","87.5","","8.37","LOQ","YES","83.7","BP-TT-SW4002-20180915","0.119","0.001","5.25",""
"B8I0157-MS1","Modified EPA 537","Initial","B8I0157-MS1","Vista","375-85-9","PFHpA","83.8","ng/L","","2.87","LOD","","TRG","83.3","","8.37","LOQ","YES","83.7","BP-TT-SW4002-20180915","0.119","0.001","5.25",""
"B8I0157-MS1","Modified EPA 537","Initial","B8I0157-MS1","Vista","355-46-4","PFHxS","83.0","ng/L","","2.87","LOD","","TRG","94.7","","8.37","LOQ","YES","83.7","BP-TT-SW4002-20180915","0.119","0.001","5.25",""
"B8I0157-MS1","Modified EPA 537","Initial","B8I0157-MS1","Vista","27619-97-2","6:2 FTS","78.6","ng/L","","2.87","LOD","","TRG","85.5","","8.37","LOQ","YES","83.7","BP-TT-SW4002-20180915","0.119","0.001","5.25",""
"B8I0157-MS1","Modified EPA 537","Initial","B8I0157-MS1","Vista","335-67-1","PFOA","86.2","ng/L","","2.87","LOD","","TRG","83.2","","8.37","LOQ","YES","83.7","BP-TT-SW4002-20180915","0.119","0.001","5.25",""
"B8I0157-MS1","Modified EPA 537","Initial","B8I0157-MS1","Vista","375-92-8","PFHpS","69.3","ng/L","","2.87","LOD","","TRG","82.3","","8.37","LOQ","YES","83.7","BP-TT-SW4002-

20180915","0.119","0.001","5.25",""
"B8I0157-MS1","Modified EPA 537","Initial","B8I0157-MS1","Vista","375-95-
1","PFNA","75.5","ng/L","","2.87","LOD","","TRG","82.6","","8.37","LOQ","YES","83.7","BP-TT-SW4002-
20180915","0.119","0.001","5.25",""
"B8I0157-MS1","Modified EPA 537","Initial","B8I0157-MS1","Vista","754-91-
6","PFOSA","66.2","ng/L","Q","2.87","LOD","","TRG","79.1","","8.37","LOQ","YES","83.7","BP-TT-SW4002-
20180915","0.119","0.001","5.25",""
"B8I0157-MS1","Modified EPA 537","Initial","B8I0157-MS1","Vista","1763-23-
1","PFOS","82.9","ng/L","","2.87","LOD","","TRG","87.2","","8.37","LOQ","YES","83.7","BP-TT-SW4002-
20180915","0.119","0.001","5.25",""
"B8I0157-MS1","Modified EPA 537","Initial","B8I0157-MS1","Vista","335-76-
2","PFDA","74.5","ng/L","","2.87","LOD","","TRG","87.7","","8.37","LOQ","YES","83.7","BP-TT-SW4002-
20180915","0.119","0.001","5.25",""
"B8I0157-MS1","Modified EPA 537","Initial","B8I0157-MS1","Vista","39108-34-4","8:2
FTS","77.8","ng/L","","2.87","LOD","","TRG","88.4","","8.37","LOQ","YES","83.7","BP-TT-SW4002-
20180915","0.119","0.001","5.25",""
"B8I0157-MS1","Modified EPA 537","Initial","B8I0157-MS1","Vista","2355-31-
9","MeFOSAA","73.7","ng/L","","2.87","LOD","","TRG","88.1","","8.37","LOQ","YES","83.7","BP-TT-SW4002-
20180915","0.119","0.001","5.25",""
"B8I0157-MS1","Modified EPA 537","Initial","B8I0157-MS1","Vista","2991-50-
6","EtFOSAA","79.3","ng/L","","2.87","LOD","","TRG","94.7","","8.37","LOQ","YES","83.7","BP-TT-SW4002-
20180915","0.119","0.001","5.25",""
"B8I0157-MS1","Modified EPA 537","Initial","B8I0157-MS1","Vista","2058-94-
8","PFUnA","73.7","ng/L","","2.87","LOD","","TRG","85.2","","8.37","LOQ","YES","83.7","BP-TT-SW4002-
20180915","0.119","0.001","5.25",""
"B8I0157-MS1","Modified EPA 537","Initial","B8I0157-MS1","Vista","335-77-
3","PFDS","61.5","ng/L","","2.87","LOD","","TRG","73.5","","8.37","LOQ","YES","83.7","BP-TT-SW4002-
20180915","0.119","0.001","5.25",""
"B8I0157-MS1","Modified EPA 537","Initial","B8I0157-MS1","Vista","307-55-
1","PFDaA","79.2","ng/L","","2.87","LOD","","TRG","94.6","","8.37","LOQ","YES","83.7","BP-TT-SW4002-
20180915","0.119","0.001","5.25",""
"B8I0157-MS1","Modified EPA 537","Initial","B8I0157-MS1","Vista","72629-94-
8","PFTTrDA","83.0","ng/L","","2.87","LOD","","TRG","99.1","","8.37","LOQ","YES","83.7","BP-TT-SW4002-
20180915","0.119","0.001","5.25",""
"B8I0157-MS1","Modified EPA 537","Initial","B8I0157-MS1","Vista","376-06-
7","PFTeDA","67.8","ng/L","","2.87","LOD","","TRG","81.0","","8.37","LOQ","YES","83.7","BP-TT-SW4002-
20180915","0.119","0.001","5.25",""
"B8I0157-MS1","Modified EPA 537","Initial","B8I0157-MS1","Vista","13C3-PFBA","13C3-
PFBA","102","%R","","-99","NA","","IS","102","","-99","NA","YES","100","BP-TT-SW4002-
20180915","0.119","0.001","-99",""
"B8I0157-MS1","Modified EPA 537","Initial","B8I0157-MS1","Vista","13C3-PFPeA","13C3-
PFPeA","93.5","%R","","-99","NA","","IS","93.5","","-99","NA","YES","100","BP-TT-SW4002-
20180915","0.119","0.001","-99",""
"B8I0157-MS1","Modified EPA 537","Initial","B8I0157-MS1","Vista","13C3-PFBS","13C3-
PFBS","107","%R","","-99","NA","","IS","107","","-99","NA","YES","100","BP-TT-SW4002-
20180915","0.119","0.001","-99",""
"B8I0157-MS1","Modified EPA 537","Initial","B8I0157-MS1","Vista","13C2-PFHxA","13C2-
PFHxA","102","%R","","-99","NA","","IS","102","","-99","NA","YES","100","BP-TT-SW4002-
20180915","0.119","0.001","-99",""
"B8I0157-MS1","Modified EPA 537","Initial","B8I0157-MS1","Vista","13C4-PFHpA","13C4-
PFHpA","111","%R","","-99","NA","","IS","111","","-99","NA","YES","100","BP-TT-SW4002-
20180915","0.119","0.001","-99",""
"B8I0157-MS1","Modified EPA 537","Initial","B8I0157-MS1","Vista","18O2-PFHxS","18O2-
PFHxS","102","%R","","-99","NA","","IS","102","","-99","NA","YES","100","BP-TT-SW4002-

20180915","0.119","0.001","-99",""
"B8I0157-MS1","Modified EPA 537","Initial","B8I0157-MS1","Vista","13C2-6:2 FTS","13C2-6:2
FTS","98.6","%R","","-99","NA","","IS","98.6","","-99","NA","YES","100","BP-TT-SW4002-
20180915","0.119","0.001","-99",""
"B8I0157-MS1","Modified EPA 537","Initial","B8I0157-MS1","Vista","13C2-PFOA","13C2-
PFOA","100","%R","","-99","NA","","IS","100","","-99","NA","YES","100","BP-TT-SW4002-
20180915","0.119","0.001","-99",""
"B8I0157-MS1","Modified EPA 537","Initial","B8I0157-MS1","Vista","13C5-PFNA","13C5-
PFNA","92.5","%R","","-99","NA","","IS","92.5","","-99","NA","YES","100","BP-TT-SW4002-
20180915","0.119","0.001","-99",""
"B8I0157-MS1","Modified EPA 537","Initial","B8I0157-MS1","Vista","13C8-PFOSA","13C8-
PFOSA","47.7","%R","H","-99","NA","","IS","47.7","","-99","NA","YES","100","BP-TT-SW4002-
20180915","0.119","0.001","-99",""
"B8I0157-MS1","Modified EPA 537","Initial","B8I0157-MS1","Vista","13C8-PFOS","13C8-
PFOS","106","%R","","-99","NA","","IS","106","","-99","NA","YES","100","BP-TT-SW4002-
20180915","0.119","0.001","-99",""
"B8I0157-MS1","Modified EPA 537","Initial","B8I0157-MS1","Vista","13C2-PFDA","13C2-
PFDA","77.7","%R","","-99","NA","","IS","77.7","","-99","NA","YES","100","BP-TT-SW4002-
20180915","0.119","0.001","-99",""
"B8I0157-MS1","Modified EPA 537","Initial","B8I0157-MS1","Vista","13C2-8:2 FTS","13C2-8:2
FTS","95.0","%R","","-99","NA","","IS","95.0","","-99","NA","YES","100","BP-TT-SW4002-
20180915","0.119","0.001","-99",""
"B8I0157-MS1","Modified EPA 537","Initial","B8I0157-MS1","Vista","d3-MeFOSAA","d3-
MeFOSAA","94.8","%R","","-99","NA","","IS","94.8","","-99","NA","YES","100","BP-TT-SW4002-
20180915","0.119","0.001","-99",""
"B8I0157-MS1","Modified EPA 537","Initial","B8I0157-MS1","Vista","d5-EtFOSAA","d5-
EtFOSAA","93.4","%R","","-99","NA","","IS","93.4","","-99","NA","YES","100","BP-TT-SW4002-
20180915","0.119","0.001","-99",""
"B8I0157-MS1","Modified EPA 537","Initial","B8I0157-MS1","Vista","13C2-PFUnA","13C2-
PFUnA","89.6","%R","","-99","NA","","IS","89.6","","-99","NA","YES","100","BP-TT-SW4002-
20180915","0.119","0.001","-99",""
"B8I0157-MS1","Modified EPA 537","Initial","B8I0157-MS1","Vista","13C2-PFDoA","13C2-
PFDoA","85.0","%R","","-99","NA","","IS","85.0","","-99","NA","YES","100","BP-TT-SW4002-
20180915","0.119","0.001","-99",""
"B8I0157-MS1","Modified EPA 537","Initial","B8I0157-MS1","Vista","13C2-PFTeDA","13C2-
PFTeDA","103","%R","","-99","NA","","IS","103","","-99","NA","YES","100","BP-TT-SW4002-
20180915","0.119","0.001","-99",""
"B8I0157-MSD1","Modified EPA 537","Initial","B8I0157-MSD1","Vista","375-22-
4","PFBA","80.8","ng/L","","2.77","LOD","","TRG","83.9","1.65","8.10","LOQ","YES","81.0","BP-TT-SW4002-
20180915","0.123","0.001","5.08",""
"B8I0157-MSD1","Modified EPA 537","Initial","B8I0157-MSD1","Vista","2706-90-
3","PFPeA","99.1","ng/L","","2.77","LOD","","TRG","85.4","1.77","8.10","LOQ","YES","81.0","BP-TT-SW4002-
20180915","0.123","0.001","5.08",""
"B8I0157-MSD1","Modified EPA 537","Initial","B8I0157-MSD1","Vista","375-73-
5","PFBS","70.2","ng/L","","2.77","LOD","","TRG","84.1","2.70","8.10","LOQ","YES","81.0","BP-TT-SW4002-
20180915","0.123","0.001","5.08",""
"B8I0157-MSD1","Modified EPA 537","Initial","B8I0157-MSD1","Vista","307-24-
4","PFHxA","92.8","ng/L","","2.77","LOD","","TRG","88.7","1.36","8.10","LOQ","YES","81.0","BP-TT-SW4002-
20180915","0.123","0.001","5.08",""
"B8I0157-MSD1","Modified EPA 537","Initial","B8I0157-MSD1","Vista","375-85-
9","PFHpA","84.1","ng/L","","2.77","LOD","","TRG","86.4","3.65","8.10","LOQ","YES","81.0","BP-TT-SW4002-
20180915","0.123","0.001","5.08",""
"B8I0157-MSD1","Modified EPA 537","Initial","B8I0157-MSD1","Vista","355-46-
4","PFHxS","71.7","ng/L","","2.77","LOD","","TRG","83.8","12.2","8.10","LOQ","YES","81.0","BP-TT-SW4002-

20180915","0.123","0.001","5.08",""
"B8I0157-MSD1","Modified EPA 537","Initial","B8I0157-MSD1","Vista","27619-97-2","6:2
FTS","74.4","ng/L","","2.77","LOD","","TRG","83.2","2.73","8.10","LOQ","YES","81.0","BP-TT-SW4002-
20180915","0.123","0.001","5.08",""
"B8I0157-MSD1","Modified EPA 537","Initial","B8I0157-MSD1","Vista","335-67-
1","PFOA","82.7","ng/L","","2.77","LOD","","TRG","81.6","1.94","8.10","LOQ","YES","81.0","BP-TT-SW4002-
20180915","0.123","0.001","5.08",""
"B8I0157-MSD1","Modified EPA 537","Initial","B8I0157-MSD1","Vista","375-92-
8","PFHpS","69.3","ng/L","","2.77","LOD","","TRG","84.9","3.11","8.10","LOQ","YES","81.0","BP-TT-SW4002-
20180915","0.123","0.001","5.08",""
"B8I0157-MSD1","Modified EPA 537","Initial","B8I0157-MSD1","Vista","375-95-
1","PFNA","77.9","ng/L","","2.77","LOD","","TRG","88.3","6.67","8.10","LOQ","YES","81.0","BP-TT-SW4002-
20180915","0.123","0.001","5.08",""
"B8I0157-MSD1","Modified EPA 537","Initial","B8I0157-MSD1","Vista","754-91-
6","PFOSA","68.2","ng/L","","2.77","LOD","","TRG","84.2","6.25","8.10","LOQ","YES","81.0","BP-TT-SW4002-
20180915","0.123","0.001","5.08",""
"B8I0157-MSD1","Modified EPA 537","Initial","B8I0157-MSD1","Vista","1763-23-
1","PFOS","85.4","ng/L","","2.77","LOD","","TRG","93.2","6.65","8.10","LOQ","YES","81.0","BP-TT-SW4002-
20180915","0.123","0.001","5.08",""
"B8I0157-MSD1","Modified EPA 537","Initial","B8I0157-MSD1","Vista","335-76-
2","PFDA","70.8","ng/L","","2.77","LOD","","TRG","86.0","1.96","8.10","LOQ","YES","81.0","BP-TT-SW4002-
20180915","0.123","0.001","5.08",""
"B8I0157-MSD1","Modified EPA 537","Initial","B8I0157-MSD1","Vista","39108-34-4","8:2
FTS","78.8","ng/L","","2.77","LOD","","TRG","92.6","4.64","8.10","LOQ","YES","81.0","BP-TT-SW4002-
20180915","0.123","0.001","5.08",""
"B8I0157-MSD1","Modified EPA 537","Initial","B8I0157-MSD1","Vista","2355-31-
9","MeFOSAA","76.6","ng/L","","2.77","LOD","","TRG","94.6","7.12","8.10","LOQ","YES","81.0","BP-TT-
SW4002-20180915","0.123","0.001","5.08",""
"B8I0157-MSD1","Modified EPA 537","Initial","B8I0157-MSD1","Vista","2991-50-
6","EtFOSAA","68.7","ng/L","","2.77","LOD","","TRG","84.8","11.0","8.10","LOQ","YES","81.0","BP-TT-SW4002-
20180915","0.123","0.001","5.08",""
"B8I0157-MSD1","Modified EPA 537","Initial","B8I0157-MSD1","Vista","2058-94-
8","PFUnA","75.4","ng/L","","2.77","LOD","","TRG","90.2","5.70","8.10","LOQ","YES","81.0","BP-TT-SW4002-
20180915","0.123","0.001","5.08",""
"B8I0157-MSD1","Modified EPA 537","Initial","B8I0157-MSD1","Vista","335-77-
3","PFDS","64.8","ng/L","","2.77","LOD","","TRG","80.0","8.47","8.10","LOQ","YES","81.0","BP-TT-SW4002-
20180915","0.123","0.001","5.08",""
"B8I0157-MSD1","Modified EPA 537","Initial","B8I0157-MSD1","Vista","307-55-
1","PFDaA","73.1","ng/L","","2.77","LOD","","TRG","90.3","4.65","8.10","LOQ","YES","81.0","BP-TT-SW4002-
20180915","0.123","0.001","5.08",""
"B8I0157-MSD1","Modified EPA 537","Initial","B8I0157-MSD1","Vista","72629-94-
8","PFTTrDA","76.8","ng/L","","2.77","LOD","","TRG","94.8","4.44","8.10","LOQ","YES","81.0","BP-TT-SW4002-
20180915","0.123","0.001","5.08",""
"B8I0157-MSD1","Modified EPA 537","Initial","B8I0157-MSD1","Vista","376-06-
7","PFTeDA","74.8","ng/L","","2.77","LOD","","TRG","92.3","13.0","8.10","LOQ","YES","81.0","BP-TT-SW4002-
20180915","0.123","0.001","5.08",""
"B8I0157-MSD1","Modified EPA 537","Initial","B8I0157-MSD1","Vista","13C3-PFBA","13C3-
PFBA","103","%R","","-99","NA","","IS","103","","-99","NA","YES","100","BP-TT-SW4002-
20180915","0.123","0.001","-99",""
"B8I0157-MSD1","Modified EPA 537","Initial","B8I0157-MSD1","Vista","13C3-PFPeA","13C3-
PFPeA","91.8","%R","","-99","NA","","IS","91.8","","-99","NA","YES","100","BP-TT-SW4002-
20180915","0.123","0.001","-99",""
"B8I0157-MSD1","Modified EPA 537","Initial","B8I0157-MSD1","Vista","13C3-PFBS","13C3-
PFBS","103","%R","","-99","NA","","IS","103","","-99","NA","YES","100","BP-TT-SW4002-

20180915","0.123","0.001","-99",""
"B8I0157-MSD1","Modified EPA 537","Initial","B8I0157-MSD1","Vista","13C2-PFHxA","13C2-PFHxA","101","%R","","-99","NA","","IS","101","","-99","NA","YES","100","BP-TT-SW4002-20180915","0.123","0.001","-99",""
"B8I0157-MSD1","Modified EPA 537","Initial","B8I0157-MSD1","Vista","13C4-PFHpA","13C4-PFHpA","112","%R","","-99","NA","","IS","112","","-99","NA","YES","100","BP-TT-SW4002-20180915","0.123","0.001","-99",""
"B8I0157-MSD1","Modified EPA 537","Initial","B8I0157-MSD1","Vista","18O2-PFHxS","18O2-PFHxS","111","%R","","-99","NA","","IS","111","","-99","NA","YES","100","BP-TT-SW4002-20180915","0.123","0.001","-99",""
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"Bethpage","Bethpage","BPSI-TT-MW304D-20180917","09/17/2018 09:50","AQ","1803087-06","NM","","0.40","Modified EPA 537","METHOD","Initial","09/28/2018 09:00","10/02/2018 19:25","Vista","COA","WET","NA","1","NA","NA","01/01/1900 00:00","100","B8I0157","B8I0157","NA","S8J0006","1803087","09/19/2018 09:13","01/01/1900 00:00",""

"Bethpage","Bethpage","BPSI-TT-MW304I1-20180917","09/17/2018 11:45","AQ","1803087-07","NM","","0.40","Modified EPA 537","METHOD","Initial","09/28/2018 09:00","10/02/2018 19:35","Vista","COA","WET","NA","1","NA","NA","01/01/1900 00:00","100","B8I0157","B8I0157","NA","S8J0006","1803087","09/19/2018 09:13","01/01/1900 00:00",""

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"Bethpage","Bethpage","BPS1-TT-MW309D-20180915","09/15/2018 12:25","AQ","1803087-11","NM","","0.40","Modified EPA 537","METHOD","Initial","09/28/2018 09:00","10/02/2018 20:49","Vista","COA","WET","NA","1","NA","NA","01/01/1900 00:00","100","B8I0157","B8I0157","NA","S8J0006","1803087","09/19/2018 09:13","01/01/1900 00:00",""

"Bethpage","Bethpage","BPS1-TT-MW309I-20180915","09/15/2018 14:05","AQ","1803087-12","NM","","0.40","Modified EPA 537","METHOD","Initial","09/28/2018 09:00","10/02/2018 21:00","Vista","COA","WET","NA","1","NA","NA","01/01/1900 00:00","100","B8I0157","B8I0157","NA","S8J0006","1803087","09/19/2018 09:13","01/01/1900 00:00",""

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"Bethpage","Bethpage","BP-HN-MW29D-20180916","09/16/2018 12:25","AQ","1803087-14","NM","","0.40","Modified EPA 537","METHOD","Initial","09/28/2018 09:00","10/02/2018 21:21","Vista","COA","WET","NA","1","NA","NA","01/01/1900 00:00","100","B8I0157","B8I0157","NA","S8J0006","1803087","09/19/2018 09:13","01/01/1900 00:00",""

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"Bethpage","Bethpage","B8I0157-BS1","01/01/1900 00:00","AQ","B8I0157-BS1","LCS","","-99","Modified EPA 537","METHOD","Initial","09/28/2018 09:00","10/02/2018

18:00","Vista","COA","WET","NA","1","NA","NA","01/01/1900
00:00","100","B8I0157","B8I0157","NA","S8J0006","1803087","01/01/1900 00:00","01/01/1900 00:00",""
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537","METHOD","Initial","09/28/2018 09:00","10/02/2018
18:11","Vista","COA","WET","NA","1","NA","NA","01/01/1900
00:00","100","B8I0157","B8I0157","NA","S8J0006","1803087","01/01/1900 00:00","01/01/1900 00:00",""
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00:00","100","B8I0157","B8I0157","NA","S8J0006","1803087","01/01/1900 00:00","01/01/1900 00:00",""

VALIDATA

Chemical Services, Inc.

2159 Wynnton Pointe, Duluth, GA 30097

(770) 232-0130

(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 11, 2019
DATA REVIEWER(S): Thomas B. Granat
SDG NUMBER: 1803087
SAMPLING DATE(S): September 15-17, 2018

SAMPLES:

<u>Client Sample ID</u>	<u>Laboratory ID</u>	<u>PFAS</u>
BP-FW-MW03-20180916	1803087-01	X
BP-FW-MW02-20180916	1803087-02	X
BP-FW-MW01-20180916	1803087-03	X
BPSI-TT-MW308S-20180917	1803087-04	X
BPSI-TT-MW304S-20180917	1803087-05	X
BPSI-TT-MW304D-20180917	1803087-06	X
BPSI-TT-MW304I1-20180917	1803087-07	X
BPSI-TT-MW304I2-20180917	1803087-08	X
BP-DUP04-20180916	1803087-09	X
BP-TT-SW4002-20180915	1803087-10	X
BPS1-TT-MW309D-20180915	1803087-11	X
BPS1-TT-MW309I-20180915	1803087-12	X
BP-HN-MW29IR-20180916	1803087-13	X
BP-HN-MW29D-20180916	1803087-14	X
BP-TT-SW4002-20180915	1803087-10MS	X
BP-TT-SW4002-20180915	1803087-10MSD	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: 1803087

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. Some sample COC IDs did not match sample Label IDs. The correct sample IDs were provided via client email. 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 equipment blanks identified in this SDG. 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 1803088). No data qualification was necessary.

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

MS / MSD analyses were performed on SDG sample BP-TT-SW4002-20180915. 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 BP-TT-SW4002-20180915. 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:

One FD sample was 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.

<u>Parent Sample</u>	<u>Duplicate Sample</u>	<u>Analyte</u>	<u>RPD</u>
BP-FW-MW01-20180916	BP-DUP04-20180916	PFBA	10.4
		PFPeA	14.7
		PFHxA	0.7
		PFHpA	0.7
		PFHxS	24.9
		PFOA	2.3
		PFOS	7.3

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

XII.) Internal Standards Performance (ISTD):

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

<u>Client Sample ID</u>	<u>Lab ID</u>	<u>Analyte</u>	<u>ISTD %R</u>	<u>Qualifier</u>	<u>Code</u>
BP-FW-MW03-20180916	1803087-01	PFOSA	34.4	J	N
BP-FW-MW02-20180916	1803087-02	PFOSA	44.9	UJ	N
BP-FW-MW01-20180916	1803087-03	PFOSA	41.1	UJ	N
BPSI-TT-MW304D-20180917	1803087-06	PFOSA	46.3	UJ	N

The above associated analyte results were qualified as estimated (J/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:

<u>Client Sample ID</u>	<u>Lab ID</u>	<u>Analyte</u>	<u>Qualifier</u>	<u>Code</u>
BP-FW-MW03-20180916	1803087-01	PFHpA	J	Q
		PFOSA	J	Q
BP-FW-MW02-20180916	1803087-02	EtFOSAA	J	Q
BPSI-TT-MW304S-20180917	1803087-05	PFOS	J	Q
BPSI-TT-MW304D-20180917	1803087-06	PFDA	J	Q
BPSI-TT-MW304I1-20180917	1803087-07	PFOS	J	Q
BP-DUP04-20180916	1803087-09	PFHpA	J	Q
		PFHxS	J	Q

<u>Client Sample ID</u>	<u>Lab ID</u>	<u>Analyte</u>	<u>Qualifier</u>	<u>Code</u>
BP-TT-SW4002-20180915	1803087-10	PFHxS	J	Q
		PFNA	J	Q
		8:2 FTS	J	Q
BPS1-TT-MW309D-20180915	1803087-11	PFOS	J	Q
	1803087-13	PFHpA	J	Q
		PFOS	J	Q
BP-HN-MW29D-20180916	1803087-14	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_QUAL	VAL_REASON_CODE
BP-DUP04-20180916	9/16/2018 0:00	1803087-09	PFHPA	14.3	Q	J	Q
BP-DUP04-20180916	9/16/2018 0:00	1803087-09	PFHXS	5.13	J, Q	J	Q
BP-FW-MW01-20180916	9/16/2018 0:00	1803087-03	PFOSA	5.34	UU	UJ	N
BP-FW-MW02-20180916	9/16/2018 0:00	1803087-02	ETFOSAA	5.75	J, Q	J	Q
BP-FW-MW02-20180916	9/16/2018 0:00	1803087-02	PFOSA	5.21	UU	UJ	N
BP-FW-MW03-20180916	9/16/2018 0:00	1803087-01	PFHPA	3.31	J, Q	J	Q
BP-FW-MW03-20180916	9/16/2018 0:00	1803087-01	PFOSA	3.61	J, Q	J	N/Q
BP-HN-MW29D-20180916	9/16/2018 0:00	1803087-14	PFOS	5.89	J, Q	J	Q
BP-HN-MW29IR-20180916	9/16/2018 0:00	1803087-13	PFHPA	3.12	J, Q	J	Q
BP-HN-MW29IR-20180916	9/16/2018 0:00	1803087-13	PFOS	3.61	J, Q	J	Q
BPS1-TT-MW304D-20180917	9/17/2018 0:00	1803087-06	PFDA	3.89	J, Q	J	Q
BPS1-TT-MW304D-20180917	9/17/2018 0:00	1803087-06	PFOSA	5.17	UU	UJ	N
BPS1-TT-MW304I1-20180917	9/17/2018 0:00	1803087-07	PFOS	6.36	J, Q	J	Q
BPS1-TT-MW304S-20180917	9/17/2018 0:00	1803087-05	PFOS	13.5	Q	J	Q
BPS1-TT-MW309D-20180915	9/15/2018 0:00	1803087-11	PFOS	15.4	Q	J	Q
BP-TT-SW4002-20180915	9/15/2018 0:00	1803087-10	8:2 FTS	3.79	J, Q	J	Q
BP-TT-SW4002-20180915	9/15/2018 0:00	1803087-10	PFHXS	3.79	J, Q	J	Q
BP-TT-SW4002-20180915	9/15/2018 0:00	1803087-10	PFNA	6.38	J, Q	J	Q

Appendix B

Laboratory Sample Results

Sample ID: BP-FW-MW03-20180916
PFAS Isotope Dilution Method

Client Data				Laboratory Data			
Name:	Tetra Tech	Matrix:	Groundwater	Lab Sample:	1803087-01	Column:	BEH C18
Project:	Bethpage	Date Collected:	16-Sep-18 12:50	Date Received:	19-Sep-18 09:13		

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	4.41	2.90	5.30	8.47	J	B8I0157	28-Sep-18	0.118 L	02-Oct-18 18:32	1
PFPeA	2706-90-3	5.24	2.90	5.30	8.47	J	B8I0157	28-Sep-18	0.118 L	02-Oct-18 18:32	1
PFBS	375-73-5	ND	2.90	5.30	8.47	U	B8I0157	28-Sep-18	0.118 L	02-Oct-18 18:32	1
PFHxA	307-24-4	3.51	2.90	5.30	8.47	J	B8I0157	28-Sep-18	0.118 L	02-Oct-18 18:32	1
PFHpA	375-85-9	3.31	2.90	5.30	8.47	J, Q	B8I0157	28-Sep-18	0.118 L	02-Oct-18 18:32	1
PFHxS	355-46-4	ND	2.90	5.30	8.47	U	B8I0157	28-Sep-18	0.118 L	02-Oct-18 18:32	1
6:2 FTS	27619-97-2	ND	2.90	5.30	8.47	U	B8I0157	28-Sep-18	0.118 L	02-Oct-18 18:32	1
PFOA	335-67-1	5.60	2.90	5.30	8.47	J	B8I0157	28-Sep-18	0.118 L	02-Oct-18 18:32	1
PFHpS	375-92-8	ND	2.90	5.30	8.47	U	B8I0157	28-Sep-18	0.118 L	02-Oct-18 18:32	1
PFNA	375-95-1	ND	2.90	5.30	8.47	U	B8I0157	28-Sep-18	0.118 L	02-Oct-18 18:32	1
PFOSA	754-91-6	3.61	2.90	5.30	8.47	J, Q	B8I0157	28-Sep-18	0.118 L	02-Oct-18 18:32	1
PFOS	1763-23-1	7.93	2.90	5.30	8.47	J	B8I0157	28-Sep-18	0.118 L	02-Oct-18 18:32	1
PFDA	335-76-2	ND	2.90	5.30	8.47	U	B8I0157	28-Sep-18	0.118 L	02-Oct-18 18:32	1
8:2 FTS	39108-34-4	ND	2.90	5.30	8.47	U	B8I0157	28-Sep-18	0.118 L	02-Oct-18 18:32	1
MeFOSAA	2355-31-9	ND	2.90	5.30	8.47	U	B8I0157	28-Sep-18	0.118 L	02-Oct-18 18:32	1
EtFOSAA	2991-50-6	8.72	2.90	5.30	8.47		B8I0157	28-Sep-18	0.118 L	02-Oct-18 18:32	1
PFUnA	2058-94-8	ND	2.90	5.30	8.47	U	B8I0157	28-Sep-18	0.118 L	02-Oct-18 18:32	1
PFDS	335-77-3	ND	2.90	5.30	8.47	U	B8I0157	28-Sep-18	0.118 L	02-Oct-18 18:32	1
PFDaA	307-55-1	ND	2.90	5.30	8.47	U	B8I0157	28-Sep-18	0.118 L	02-Oct-18 18:32	1
PFTTrDA	72629-94-8	ND	2.90	5.30	8.47	U	B8I0157	28-Sep-18	0.118 L	02-Oct-18 18:32	1
PFTeDA	376-06-7	ND	2.90	5.30	8.47	U	B8I0157	28-Sep-18	0.118 L	02-Oct-18 18:32	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	106	50 - 150		B8I0157	28-Sep-18	0.118 L	02-Oct-18 18:32	1
13C3-PFPeA	IS	102	50 - 150		B8I0157	28-Sep-18	0.118 L	02-Oct-18 18:32	1
13C3-PFBS	IS	103	50 - 150		B8I0157	28-Sep-18	0.118 L	02-Oct-18 18:32	1
13C2-PFHxA	IS	102	50 - 150		B8I0157	28-Sep-18	0.118 L	02-Oct-18 18:32	1
13C4-PFHpA	IS	104	50 - 150		B8I0157	28-Sep-18	0.118 L	02-Oct-18 18:32	1
18O2-PFHxS	IS	108	50 - 150		B8I0157	28-Sep-18	0.118 L	02-Oct-18 18:32	1
13C2-6:2 FTS	IS	93.6	50 - 150		B8I0157	28-Sep-18	0.118 L	02-Oct-18 18:32	1
13C2-PFOA	IS	90.9	50 - 150		B8I0157	28-Sep-18	0.118 L	02-Oct-18 18:32	1
13C5-PFNA	IS	87.6	50 - 150		B8I0157	28-Sep-18	0.118 L	02-Oct-18 18:32	1
13C8-PFOSA	IS	34.4	50 - 150	H	B8I0157	28-Sep-18	0.118 L	02-Oct-18 18:32	1
13C8-PFOS	IS	108	50 - 150		B8I0157	28-Sep-18	0.118 L	02-Oct-18 18:32	1
13C2-PFDA	IS	82.2	50 - 150		B8I0157	28-Sep-18	0.118 L	02-Oct-18 18:32	1

Sample ID: BP-FW-MW02-20180916
PFAS Isotope Dilution Method

Client Data				Laboratory Data			
Name:	Tetra Tech	Matrix:	Groundwater	Lab Sample:	1803087-02	Column:	BEH C18
Project:	Bethpage	Date Collected:	16-Sep-18 15:45	Date Received:	19-Sep-18 09:13		

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	10.8	2.86	5.21	8.34		B8I0157	28-Sep-18	0.120 L	02-Oct-18 18:42	1
PFPeA	2706-90-3	15.7	2.86	5.21	8.34		B8I0157	28-Sep-18	0.120 L	02-Oct-18 18:42	1
PFBS	375-73-5	ND	2.86	5.21	8.34	U	B8I0157	28-Sep-18	0.120 L	02-Oct-18 18:42	1
PFHxA	307-24-4	16.6	2.86	5.21	8.34		B8I0157	28-Sep-18	0.120 L	02-Oct-18 18:42	1
PFHpA	375-85-9	9.96	2.86	5.21	8.34		B8I0157	28-Sep-18	0.120 L	02-Oct-18 18:42	1
PFHxS	355-46-4	ND	2.86	5.21	8.34	U	B8I0157	28-Sep-18	0.120 L	02-Oct-18 18:42	1
6:2 FTS	27619-97-2	ND	2.86	5.21	8.34	U	B8I0157	28-Sep-18	0.120 L	02-Oct-18 18:42	1
PFOA	335-67-1	26.8	2.86	5.21	8.34		B8I0157	28-Sep-18	0.120 L	02-Oct-18 18:42	1
PFHpS	375-92-8	ND	2.86	5.21	8.34	U	B8I0157	28-Sep-18	0.120 L	02-Oct-18 18:42	1
PFNA	375-95-1	9.40	2.86	5.21	8.34		B8I0157	28-Sep-18	0.120 L	02-Oct-18 18:42	1
PFOSA	754-91-6	ND	2.86	5.21	8.34	U	B8I0157	28-Sep-18	0.120 L	02-Oct-18 18:42	1
PFOS	1763-23-1	112	2.86	5.21	8.34		B8I0157	28-Sep-18	0.120 L	02-Oct-18 18:42	1
PFDA	335-76-2	ND	2.86	5.21	8.34	U	B8I0157	28-Sep-18	0.120 L	02-Oct-18 18:42	1
8:2 FTS	39108-34-4	ND	2.86	5.21	8.34	U	B8I0157	28-Sep-18	0.120 L	02-Oct-18 18:42	1
MeFOSAA	2355-31-9	ND	2.86	5.21	8.34	U	B8I0157	28-Sep-18	0.120 L	02-Oct-18 18:42	1
EtFOSAA	2991-50-6	5.75	2.86	5.21	8.34	J, Q	B8I0157	28-Sep-18	0.120 L	02-Oct-18 18:42	1
PFUnA	2058-94-8	ND	2.86	5.21	8.34	U	B8I0157	28-Sep-18	0.120 L	02-Oct-18 18:42	1
PFDS	335-77-3	ND	2.86	5.21	8.34	U	B8I0157	28-Sep-18	0.120 L	02-Oct-18 18:42	1
PFDaA	307-55-1	ND	2.86	5.21	8.34	U	B8I0157	28-Sep-18	0.120 L	02-Oct-18 18:42	1
PFTTrDA	72629-94-8	ND	2.86	5.21	8.34	U	B8I0157	28-Sep-18	0.120 L	02-Oct-18 18:42	1
PFTeDA	376-06-7	ND	2.86	5.21	8.34	U	B8I0157	28-Sep-18	0.120 L	02-Oct-18 18:42	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	106	50 - 150		B8I0157	28-Sep-18	0.120 L	02-Oct-18 18:42	1
13C3-PFPeA	IS	73.3	50 - 150		B8I0157	28-Sep-18	0.120 L	02-Oct-18 18:42	1
13C3-PFBS	IS	105	50 - 150		B8I0157	28-Sep-18	0.120 L	02-Oct-18 18:42	1
13C2-PFHxA	IS	104	50 - 150		B8I0157	28-Sep-18	0.120 L	02-Oct-18 18:42	1
13C4-PFHpA	IS	117	50 - 150		B8I0157	28-Sep-18	0.120 L	02-Oct-18 18:42	1
18O2-PFHxS	IS	105	50 - 150		B8I0157	28-Sep-18	0.120 L	02-Oct-18 18:42	1
13C2-6:2 FTS	IS	103	50 - 150		B8I0157	28-Sep-18	0.120 L	02-Oct-18 18:42	1
13C2-PFOA	IS	98.0	50 - 150		B8I0157	28-Sep-18	0.120 L	02-Oct-18 18:42	1
13C5-PFNA	IS	95.0	50 - 150		B8I0157	28-Sep-18	0.120 L	02-Oct-18 18:42	1
13C8-PFOSA	IS	44.9	50 - 150	H	B8I0157	28-Sep-18	0.120 L	02-Oct-18 18:42	1
13C8-PFOS	IS	105	50 - 150		B8I0157	28-Sep-18	0.120 L	02-Oct-18 18:42	1
13C2-PFDA	IS	81.9	50 - 150		B8I0157	28-Sep-18	0.120 L	02-Oct-18 18:42	1

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-FW-MW01-20180916						PFAS Isotope Dilution Method					
Client Data Name: Tetra Tech Project: Bethpage Matrix: Groundwater Date Collected: 16-Sep-18 15:45						Laboratory Data Lab Sample: 1803087-03 Date Received: 19-Sep-18 09:13 Column: BEH C18					
Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	8.77	2.94	5.34	8.58		B8I0157	28-Sep-18	0.117 L	02-Oct-18 18:53	1
PFPeA	2706-90-3	11.4	2.94	5.34	8.58		B8I0157	28-Sep-18	0.117 L	02-Oct-18 18:53	1
PFBS	375-73-5	ND	2.94	5.34	8.58	U	B8I0157	28-Sep-18	0.117 L	02-Oct-18 18:53	1
PFHxA	307-24-4	13.6	2.94	5.34	8.58		B8I0157	28-Sep-18	0.117 L	02-Oct-18 18:53	1
PFHpA	375-85-9	14.2	2.94	5.34	8.58		B8I0157	28-Sep-18	0.117 L	02-Oct-18 18:53	1
PFHxS	355-46-4	6.59	2.94	5.34	8.58	J	B8I0157	28-Sep-18	0.117 L	02-Oct-18 18:53	1
6:2 FTS	27619-97-2	ND	2.94	5.34	8.58	U	B8I0157	28-Sep-18	0.117 L	02-Oct-18 18:53	1
PFOA	335-67-1	47.0	2.94	5.34	8.58		B8I0157	28-Sep-18	0.117 L	02-Oct-18 18:53	1
PFHpS	375-92-8	ND	2.94	5.34	8.58	U	B8I0157	28-Sep-18	0.117 L	02-Oct-18 18:53	1
PFNA	375-95-1	ND	2.94	5.34	8.58	U	B8I0157	28-Sep-18	0.117 L	02-Oct-18 18:53	1
PFOSA	754-91-6	ND	2.94	5.34	8.58	U	B8I0157	28-Sep-18	0.117 L	02-Oct-18 18:53	1
PFOS	1763-23-1	44.8	2.94	5.34	8.58		B8I0157	28-Sep-18	0.117 L	02-Oct-18 18:53	1
PFDA	335-76-2	ND	2.94	5.34	8.58	U	B8I0157	28-Sep-18	0.117 L	02-Oct-18 18:53	1
8:2 FTS	39108-34-4	ND	2.94	5.34	8.58	U	B8I0157	28-Sep-18	0.117 L	02-Oct-18 18:53	1
MeFOSAA	2355-31-9	ND	2.94	5.34	8.58	U	B8I0157	28-Sep-18	0.117 L	02-Oct-18 18:53	1
EtFOSAA	2991-50-6	ND	2.94	5.34	8.58	U	B8I0157	28-Sep-18	0.117 L	02-Oct-18 18:53	1
PFUnA	2058-94-8	ND	2.94	5.34	8.58	U	B8I0157	28-Sep-18	0.117 L	02-Oct-18 18:53	1
PFDS	335-77-3	ND	2.94	5.34	8.58	U	B8I0157	28-Sep-18	0.117 L	02-Oct-18 18:53	1
PFDaA	307-55-1	ND	2.94	5.34	8.58	U	B8I0157	28-Sep-18	0.117 L	02-Oct-18 18:53	1
PFTTrDA	72629-94-8	ND	2.94	5.34	8.58	U	B8I0157	28-Sep-18	0.117 L	02-Oct-18 18:53	1
PFTeDA	376-06-7	ND	2.94	5.34	8.58	U	B8I0157	28-Sep-18	0.117 L	02-Oct-18 18:53	1
Labeled Standards	Type	% Recovery	Limits		Qualifiers		Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	103	50 - 150				B8I0157	28-Sep-18	0.117 L	02-Oct-18 18:53	1
13C3-PFPeA	IS	91.2	50 - 150				B8I0157	28-Sep-18	0.117 L	02-Oct-18 18:53	1
13C3-PFBS	IS	102	50 - 150				B8I0157	28-Sep-18	0.117 L	02-Oct-18 18:53	1
13C2-PFHxA	IS	98.5	50 - 150				B8I0157	28-Sep-18	0.117 L	02-Oct-18 18:53	1
13C4-PFHpA	IS	103	50 - 150				B8I0157	28-Sep-18	0.117 L	02-Oct-18 18:53	1
18O2-PFHxS	IS	108	50 - 150				B8I0157	28-Sep-18	0.117 L	02-Oct-18 18:53	1
13C2-6:2 FTS	IS	96.9	50 - 150				B8I0157	28-Sep-18	0.117 L	02-Oct-18 18:53	1
13C2-PFOA	IS	98.5	50 - 150				B8I0157	28-Sep-18	0.117 L	02-Oct-18 18:53	1
13C5-PFNA	IS	81.7	50 - 150				B8I0157	28-Sep-18	0.117 L	02-Oct-18 18:53	1
13C8-PFOSA	IS	41.1	50 - 150		H		B8I0157	28-Sep-18	0.117 L	02-Oct-18 18:53	1
13C8-PFOS	IS	101	50 - 150				B8I0157	28-Sep-18	0.117 L	02-Oct-18 18:53	1
13C2-PFDA	IS	69.2	50 - 150				B8I0157	28-Sep-18	0.117 L	02-Oct-18 18:53	1

Sample ID: BP-FW-MW01-20180916					PFAS Isotope Dilution Method					
Client Data Name: Tetra Tech Matrix: Groundwater Project: Bethpage Date Collected: 16-Sep-18 15:45					Laboratory Data Lab Sample: 1803087-03 Column: BEH C18 Date Received: 19-Sep-18 09:13					
Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
13C2-8:2 FTS	IS	88.4	50 - 150		B8I0157	28-Sep-18	0.117 L	02-Oct-18 18:53	1	
d3-MeFOSAA	IS	79.5	50 - 150		B8I0157	28-Sep-18	0.117 L	02-Oct-18 18:53	1	
d5-EtFOSAA	IS	85.0	50 - 150		B8I0157	28-Sep-18	0.117 L	02-Oct-18 18:53	1	
13C2-PFUnA	IS	71.8	50 - 150		B8I0157	28-Sep-18	0.117 L	02-Oct-18 18:53	1	
13C2-PFDoA	IS	77.7	50 - 150		B8I0157	28-Sep-18	0.117 L	02-Oct-18 18:53	1	
13C2-PFTeDA	IS	85.0	50 - 150		B8I0157	28-Sep-18	0.117 L	02-Oct-18 18:53	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-MW308S-20180917
PFAS Isotope Dilution Method

Client Data				Laboratory Data			
Name:	Tetra Tech	Matrix:	Groundwater	Lab Sample:	1803087-04	Column:	BEH C18
Project:	Bethpage	Date Collected:	17-Sep-18 09:30	Date Received:	19-Sep-18 09:13		

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	9.02	2.90	5.30	8.47		B8I0157	28-Sep-18	0.118 L	02-Oct-18 19:04	1
PFPeA	2706-90-3	16.9	2.90	5.30	8.47		B8I0157	28-Sep-18	0.118 L	02-Oct-18 19:04	1
PFBS	375-73-5	ND	2.90	5.30	8.47	U	B8I0157	28-Sep-18	0.118 L	02-Oct-18 19:04	1
PFHxA	307-24-4	14.1	2.90	5.30	8.47		B8I0157	28-Sep-18	0.118 L	02-Oct-18 19:04	1
PFHpA	375-85-9	13.3	2.90	5.30	8.47		B8I0157	28-Sep-18	0.118 L	02-Oct-18 19:04	1
PFHxS	355-46-4	ND	2.90	5.30	8.47	U	B8I0157	28-Sep-18	0.118 L	02-Oct-18 19:04	1
6:2 FTS	27619-97-2	ND	2.90	5.30	8.47	U	B8I0157	28-Sep-18	0.118 L	02-Oct-18 19:04	1
PFOA	335-67-1	18.4	2.90	5.30	8.47		B8I0157	28-Sep-18	0.118 L	02-Oct-18 19:04	1
PFHpS	375-92-8	ND	2.90	5.30	8.47	U	B8I0157	28-Sep-18	0.118 L	02-Oct-18 19:04	1
PFNA	375-95-1	ND	2.90	5.30	8.47	U	B8I0157	28-Sep-18	0.118 L	02-Oct-18 19:04	1
PFOSA	754-91-6	ND	2.90	5.30	8.47	U	B8I0157	28-Sep-18	0.118 L	02-Oct-18 19:04	1
PFOS	1763-23-1	ND	2.90	5.30	8.47	U	B8I0157	28-Sep-18	0.118 L	02-Oct-18 19:04	1
PFDA	335-76-2	ND	2.90	5.30	8.47	U	B8I0157	28-Sep-18	0.118 L	02-Oct-18 19:04	1
8:2 FTS	39108-34-4	ND	2.90	5.30	8.47	U	B8I0157	28-Sep-18	0.118 L	02-Oct-18 19:04	1
MeFOSAA	2355-31-9	ND	2.90	5.30	8.47	U	B8I0157	28-Sep-18	0.118 L	02-Oct-18 19:04	1
EtFOSAA	2991-50-6	ND	2.90	5.30	8.47	U	B8I0157	28-Sep-18	0.118 L	02-Oct-18 19:04	1
PFUnA	2058-94-8	ND	2.90	5.30	8.47	U	B8I0157	28-Sep-18	0.118 L	02-Oct-18 19:04	1
PFDS	335-77-3	ND	2.90	5.30	8.47	U	B8I0157	28-Sep-18	0.118 L	02-Oct-18 19:04	1
PFDaA	307-55-1	ND	2.90	5.30	8.47	U	B8I0157	28-Sep-18	0.118 L	02-Oct-18 19:04	1
PFTTrDA	72629-94-8	ND	2.90	5.30	8.47	U	B8I0157	28-Sep-18	0.118 L	02-Oct-18 19:04	1
PFTeDA	376-06-7	ND	2.90	5.30	8.47	U	B8I0157	28-Sep-18	0.118 L	02-Oct-18 19:04	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	102	50 - 150		B8I0157	28-Sep-18	0.118 L	02-Oct-18 19:04	1
13C3-PFPeA	IS	97.2	50 - 150		B8I0157	28-Sep-18	0.118 L	02-Oct-18 19:04	1
13C3-PFBS	IS	98.2	50 - 150		B8I0157	28-Sep-18	0.118 L	02-Oct-18 19:04	1
13C2-PFHxA	IS	102	50 - 150		B8I0157	28-Sep-18	0.118 L	02-Oct-18 19:04	1
13C4-PFHpA	IS	101	50 - 150		B8I0157	28-Sep-18	0.118 L	02-Oct-18 19:04	1
18O2-PFHxS	IS	99.1	50 - 150		B8I0157	28-Sep-18	0.118 L	02-Oct-18 19:04	1
13C2-6:2 FTS	IS	94.4	50 - 150		B8I0157	28-Sep-18	0.118 L	02-Oct-18 19:04	1
13C2-PFOA	IS	98.4	50 - 150		B8I0157	28-Sep-18	0.118 L	02-Oct-18 19:04	1
13C5-PFNA	IS	84.5	50 - 150		B8I0157	28-Sep-18	0.118 L	02-Oct-18 19:04	1
13C8-PFOSA	IS	58.8	50 - 150		B8I0157	28-Sep-18	0.118 L	02-Oct-18 19:04	1
13C8-PFOS	IS	102	50 - 150		B8I0157	28-Sep-18	0.118 L	02-Oct-18 19:04	1
13C2-PFDA	IS	75.4	50 - 150		B8I0157	28-Sep-18	0.118 L	02-Oct-18 19:04	1

Sample ID: BPSI-TT-MW308S-20180917					PFAS Isotope Dilution Method					
Client Data Name: Tetra Tech Matrix: Groundwater Project: Bethpage Date Collected: 17-Sep-18 09:30					Laboratory Data Lab Sample: 1803087-04 Column: BEH C18 Date Received: 19-Sep-18 09:13					
Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
13C2-8:2 FTS	IS	104	50 - 150		B8I0157	28-Sep-18	0.118 L	02-Oct-18 19:04	1	
d3-MeFOSAA	IS	79.6	50 - 150		B8I0157	28-Sep-18	0.118 L	02-Oct-18 19:04	1	
d5-EtFOSAA	IS	83.3	50 - 150		B8I0157	28-Sep-18	0.118 L	02-Oct-18 19:04	1	
13C2-PFUnA	IS	73.2	50 - 150		B8I0157	28-Sep-18	0.118 L	02-Oct-18 19:04	1	
13C2-PFDoA	IS	82.5	50 - 150		B8I0157	28-Sep-18	0.118 L	02-Oct-18 19:04	1	
13C2-PFTeDA	IS	92.7	50 - 150		B8I0157	28-Sep-18	0.118 L	02-Oct-18 19:04	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-MW304S-20180917
PFAS Isotope Dilution Method

Client Data				Laboratory Data			
Name:	Tetra Tech	Matrix:	Groundwater	Lab Sample:	1803087-05	Column:	BEH C18
Project:	Bethpage	Date Collected:	17-Sep-18 10:00	Date Received:	19-Sep-18 09:13		

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	6.67	2.97	5.43	8.68	J	B8I0157	28-Sep-18	0.115 L	02-Oct-18 19:14	1
PFPeA	2706-90-3	8.96	2.97	5.43	8.68		B8I0157	28-Sep-18	0.115 L	02-Oct-18 19:14	1
PFBS	375-73-5	ND	2.97	5.43	8.68	U	B8I0157	28-Sep-18	0.115 L	02-Oct-18 19:14	1
PFHxA	307-24-4	12.8	2.97	5.43	8.68		B8I0157	28-Sep-18	0.115 L	02-Oct-18 19:14	1
PFHpA	375-85-9	11.0	2.97	5.43	8.68		B8I0157	28-Sep-18	0.115 L	02-Oct-18 19:14	1
PFHxS	355-46-4	3.53	2.97	5.43	8.68	J	B8I0157	28-Sep-18	0.115 L	02-Oct-18 19:14	1
6:2 FTS	27619-97-2	ND	2.97	5.43	8.68	U	B8I0157	28-Sep-18	0.115 L	02-Oct-18 19:14	1
PFOA	335-67-1	43.4	2.97	5.43	8.68		B8I0157	28-Sep-18	0.115 L	02-Oct-18 19:14	1
PFHpS	375-92-8	ND	2.97	5.43	8.68	U	B8I0157	28-Sep-18	0.115 L	02-Oct-18 19:14	1
PFNA	375-95-1	ND	2.97	5.43	8.68	U	B8I0157	28-Sep-18	0.115 L	02-Oct-18 19:14	1
PFOSA	754-91-6	ND	2.97	5.43	8.68	U	B8I0157	28-Sep-18	0.115 L	02-Oct-18 19:14	1
PFOS	1763-23-1	13.5	2.97	5.43	8.68	Q	B8I0157	28-Sep-18	0.115 L	02-Oct-18 19:14	1
PFDA	335-76-2	ND	2.97	5.43	8.68	U	B8I0157	28-Sep-18	0.115 L	02-Oct-18 19:14	1
8:2 FTS	39108-34-4	ND	2.97	5.43	8.68	U	B8I0157	28-Sep-18	0.115 L	02-Oct-18 19:14	1
MeFOSAA	2355-31-9	ND	2.97	5.43	8.68	U	B8I0157	28-Sep-18	0.115 L	02-Oct-18 19:14	1
EtFOSAA	2991-50-6	ND	2.97	5.43	8.68	U	B8I0157	28-Sep-18	0.115 L	02-Oct-18 19:14	1
PFUnA	2058-94-8	ND	2.97	5.43	8.68	U	B8I0157	28-Sep-18	0.115 L	02-Oct-18 19:14	1
PFDS	335-77-3	ND	2.97	5.43	8.68	U	B8I0157	28-Sep-18	0.115 L	02-Oct-18 19:14	1
PFDaA	307-55-1	ND	2.97	5.43	8.68	U	B8I0157	28-Sep-18	0.115 L	02-Oct-18 19:14	1
PFTTrDA	72629-94-8	ND	2.97	5.43	8.68	U	B8I0157	28-Sep-18	0.115 L	02-Oct-18 19:14	1
PFTeDA	376-06-7	ND	2.97	5.43	8.68	U	B8I0157	28-Sep-18	0.115 L	02-Oct-18 19:14	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	105	50 - 150		B8I0157	28-Sep-18	0.115 L	02-Oct-18 19:14	1
13C3-PFPeA	IS	99.7	50 - 150		B8I0157	28-Sep-18	0.115 L	02-Oct-18 19:14	1
13C3-PFBS	IS	104	50 - 150		B8I0157	28-Sep-18	0.115 L	02-Oct-18 19:14	1
13C2-PFHxA	IS	100	50 - 150		B8I0157	28-Sep-18	0.115 L	02-Oct-18 19:14	1
13C4-PFHpA	IS	103	50 - 150		B8I0157	28-Sep-18	0.115 L	02-Oct-18 19:14	1
18O2-PFHxS	IS	102	50 - 150		B8I0157	28-Sep-18	0.115 L	02-Oct-18 19:14	1
13C2-6:2 FTS	IS	93.4	50 - 150		B8I0157	28-Sep-18	0.115 L	02-Oct-18 19:14	1
13C2-PFOA	IS	102	50 - 150		B8I0157	28-Sep-18	0.115 L	02-Oct-18 19:14	1
13C5-PFNA	IS	90.7	50 - 150		B8I0157	28-Sep-18	0.115 L	02-Oct-18 19:14	1
13C8-PFOSA	IS	55.8	50 - 150		B8I0157	28-Sep-18	0.115 L	02-Oct-18 19:14	1
13C8-PFOS	IS	102	50 - 150		B8I0157	28-Sep-18	0.115 L	02-Oct-18 19:14	1
13C2-PFDA	IS	76.3	50 - 150		B8I0157	28-Sep-18	0.115 L	02-Oct-18 19:14	1

Sample ID: BPSI-TT-MW304S-20180917					PFAS Isotope Dilution Method					
Client Data Name: Tetra Tech Matrix: Groundwater Project: Bethpage Date Collected: 17-Sep-18 10:00					Laboratory Data Lab Sample: 1803087-05 Column: BEH C18 Date Received: 19-Sep-18 09:13					
Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
13C2-8:2 FTS	IS	99.9	50 - 150		B8I0157	28-Sep-18	0.115 L	02-Oct-18 19:14	1	
d3-MeFOSAA	IS	78.4	50 - 150		B8I0157	28-Sep-18	0.115 L	02-Oct-18 19:14	1	
d5-EtFOSAA	IS	82.4	50 - 150		B8I0157	28-Sep-18	0.115 L	02-Oct-18 19:14	1	
13C2-PFUnA	IS	88.9	50 - 150		B8I0157	28-Sep-18	0.115 L	02-Oct-18 19:14	1	
13C2-PFDoA	IS	80.2	50 - 150		B8I0157	28-Sep-18	0.115 L	02-Oct-18 19:14	1	
13C2-PFTeDA	IS	101	50 - 150		B8I0157	28-Sep-18	0.115 L	02-Oct-18 19:14	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-MW304D-20180917
PFAS Isotope Dilution Method

Client Data				Laboratory Data			
Name:	Tetra Tech	Matrix:	QC Water	Lab Sample:	1803087-06	Column:	BEH C18
Project:	Bethpage	Date Collected:	17-Sep-18 09:50	Date Received:	19-Sep-18 09:13		

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	3.02	2.83	5.17	8.27	J	B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:25	1
PFPeA	2706-90-3	4.87	2.83	5.17	8.27	J	B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:25	1
PFBS	375-73-5	ND	2.83	5.17	8.27	U	B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:25	1
PFHxA	307-24-4	4.05	2.83	5.17	8.27	J	B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:25	1
PFHpA	375-85-9	4.07	2.83	5.17	8.27	J	B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:25	1
PFHxS	355-46-4	ND	2.83	5.17	8.27	U	B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:25	1
6:2 FTS	27619-97-2	ND	2.83	5.17	8.27	U	B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:25	1
PFOA	335-67-1	9.62	2.83	5.17	8.27		B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:25	1
PFHpS	375-92-8	ND	2.83	5.17	8.27	U	B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:25	1
PFNA	375-95-1	ND	2.83	5.17	8.27	U	B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:25	1
PFOSA	754-91-6	ND	2.83	5.17	8.27	U	B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:25	1
PFOS	1763-23-1	3.88	2.83	5.17	8.27	J	B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:25	1
PFDA	335-76-2	3.89	2.83	5.17	8.27	J, Q	B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:25	1
8:2 FTS	39108-34-4	ND	2.83	5.17	8.27	U	B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:25	1
MeFOSAA	2355-31-9	ND	2.83	5.17	8.27	U	B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:25	1
EtFOSAA	2991-50-6	ND	2.83	5.17	8.27	U	B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:25	1
PFUnA	2058-94-8	ND	2.83	5.17	8.27	U	B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:25	1
PFDS	335-77-3	ND	2.83	5.17	8.27	U	B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:25	1
PFDaA	307-55-1	ND	2.83	5.17	8.27	U	B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:25	1
PFTTrDA	72629-94-8	ND	2.83	5.17	8.27	U	B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:25	1
PFTeDA	376-06-7	ND	2.83	5.17	8.27	U	B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:25	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	102	50 - 150		B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:25	1
13C3-PFPeA	IS	90.3	50 - 150		B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:25	1
13C3-PFBS	IS	97.8	50 - 150		B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:25	1
13C2-PFHxA	IS	93.6	50 - 150		B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:25	1
13C4-PFHpA	IS	101	50 - 150		B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:25	1
18O2-PFHxS	IS	103	50 - 150		B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:25	1
13C2-6:2 FTS	IS	93.9	50 - 150		B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:25	1
13C2-PFOA	IS	87.9	50 - 150		B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:25	1
13C5-PFNA	IS	82.0	50 - 150		B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:25	1
13C8-PFOSA	IS	46.3	50 - 150	H	B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:25	1
13C8-PFOS	IS	101	50 - 150		B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:25	1
13C2-PFDA	IS	69.0	50 - 150		B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:25	1

Sample ID: BPSI-TT-MW304D-20180917					PFAS Isotope Dilution Method					
Client Data Name: Tetra Tech Matrix: QC Water Project: Bethpage Date Collected: 17-Sep-18 09:50					Laboratory Data Lab Sample: 1803087-06 Column: BEH C18 Date Received: 19-Sep-18 09:13					
Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
13C2-8:2 FTS	IS	87.1	50 - 150		B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:25	1	
d3-MeFOSAA	IS	68.2	50 - 150		B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:25	1	
d5-EtFOSAA	IS	76.7	50 - 150		B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:25	1	
13C2-PFUnA	IS	71.3	50 - 150		B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:25	1	
13C2-PFDoA	IS	73.8	50 - 150		B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:25	1	
13C2-PFTeDA	IS	82.9	50 - 150		B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:25	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-MW304I1-20180917
PFAS Isotope Dilution Method

Client Data				Laboratory Data			
Name:	Tetra Tech	Matrix:	Groundwater	Lab Sample:	1803087-07	Column:	BEH C18
Project:	Bethpage	Date Collected:	17-Sep-18 11:45	Date Received:	19-Sep-18 09:13		

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	4.27	2.82	5.17	8.24	J	B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:35	1
PFPeA	2706-90-3	3.27	2.82	5.17	8.24	J	B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:35	1
PFBS	375-73-5	ND	2.82	5.17	8.24	U	B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:35	1
PFHxA	307-24-4	3.04	2.82	5.17	8.24	J	B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:35	1
PFHpA	375-85-9	3.00	2.82	5.17	8.24	J	B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:35	1
PFHxS	355-46-4	ND	2.82	5.17	8.24	U	B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:35	1
6:2 FTS	27619-97-2	ND	2.82	5.17	8.24	U	B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:35	1
PFOA	335-67-1	6.52	2.82	5.17	8.24	J	B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:35	1
PFHpS	375-92-8	ND	2.82	5.17	8.24	U	B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:35	1
PFNA	375-95-1	3.57	2.82	5.17	8.24	J	B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:35	1
PFOSA	754-91-6	ND	2.82	5.17	8.24	U	B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:35	1
PFOS	1763-23-1	6.36	2.82	5.17	8.24	J, Q	B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:35	1
PFDA	335-76-2	ND	2.82	5.17	8.24	U	B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:35	1
8:2 FTS	39108-34-4	ND	2.82	5.17	8.24	U	B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:35	1
MeFOSAA	2355-31-9	ND	2.82	5.17	8.24	U	B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:35	1
EtFOSAA	2991-50-6	ND	2.82	5.17	8.24	U	B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:35	1
PFUnA	2058-94-8	ND	2.82	5.17	8.24	U	B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:35	1
PFDS	335-77-3	ND	2.82	5.17	8.24	U	B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:35	1
PFDaA	307-55-1	ND	2.82	5.17	8.24	U	B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:35	1
PFTTrDA	72629-94-8	ND	2.82	5.17	8.24	U	B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:35	1
PFTeDA	376-06-7	ND	2.82	5.17	8.24	U	B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:35	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	94.7	50 - 150		B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:35	1
13C3-PFPeA	IS	88.0	50 - 150		B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:35	1
13C3-PFBS	IS	91.2	50 - 150		B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:35	1
13C2-PFHxA	IS	88.5	50 - 150		B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:35	1
13C4-PFHpA	IS	88.7	50 - 150		B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:35	1
18O2-PFHxS	IS	94.1	50 - 150		B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:35	1
13C2-6:2 FTS	IS	85.6	50 - 150		B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:35	1
13C2-PFOA	IS	87.9	50 - 150		B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:35	1
13C5-PFNA	IS	75.7	50 - 150		B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:35	1
13C8-PFOSA	IS	56.1	50 - 150		B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:35	1
13C8-PFOS	IS	92.8	50 - 150		B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:35	1
13C2-PFDA	IS	68.2	50 - 150		B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:35	1

Sample ID: BPSI-TT-MW304I1-20180917					PFAS Isotope Dilution Method					
Client Data Name: Tetra Tech Matrix: Groundwater Project: Bethpage Date Collected: 17-Sep-18 11:45					Laboratory Data Lab Sample: 1803087-07 Column: BEH C18 Date Received: 19-Sep-18 09:13					
Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
13C2-8:2 FTS	IS	87.9	50 - 150		B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:35	1	
d3-MeFOSAA	IS	70.9	50 - 150		B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:35	1	
d5-EtFOSAA	IS	76.7	50 - 150		B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:35	1	
13C2-PFUnA	IS	70.4	50 - 150		B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:35	1	
13C2-PFDoA	IS	72.9	50 - 150		B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:35	1	
13C2-PFTeDA	IS	79.7	50 - 150		B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:35	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-MW304I2-20180917
PFAS Isotope Dilution Method

Client Data				Laboratory Data			
Name:	Tetra Tech	Matrix:	Groundwater	Lab Sample:	1803087-08	Column:	BEH C18
Project:	Bethpage	Date Collected:	17-Sep-18 12:00	Date Received:	19-Sep-18 09:13		

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	3.05	2.86	5.21	8.36	J	B8I0157	28-Sep-18	0.120 L	02-Oct-18 20:18	1
PFPeA	2706-90-3	2.87	2.86	5.21	8.36	J	B8I0157	28-Sep-18	0.120 L	02-Oct-18 20:18	1
PFBS	375-73-5	ND	2.86	5.21	8.36	U	B8I0157	28-Sep-18	0.120 L	02-Oct-18 20:18	1
PFHxA	307-24-4	ND	2.86	5.21	8.36	U	B8I0157	28-Sep-18	0.120 L	02-Oct-18 20:18	1
PFHpA	375-85-9	3.15	2.86	5.21	8.36	J	B8I0157	28-Sep-18	0.120 L	02-Oct-18 20:18	1
PFHxS	355-46-4	ND	2.86	5.21	8.36	U	B8I0157	28-Sep-18	0.120 L	02-Oct-18 20:18	1
6:2 FTS	27619-97-2	ND	2.86	5.21	8.36	U	B8I0157	28-Sep-18	0.120 L	02-Oct-18 20:18	1
PFOA	335-67-1	4.46	2.86	5.21	8.36	J	B8I0157	28-Sep-18	0.120 L	02-Oct-18 20:18	1
PFHpS	375-92-8	ND	2.86	5.21	8.36	U	B8I0157	28-Sep-18	0.120 L	02-Oct-18 20:18	1
PFNA	375-95-1	ND	2.86	5.21	8.36	U	B8I0157	28-Sep-18	0.120 L	02-Oct-18 20:18	1
PFOSA	754-91-6	ND	2.86	5.21	8.36	U	B8I0157	28-Sep-18	0.120 L	02-Oct-18 20:18	1
PFOS	1763-23-1	3.03	2.86	5.21	8.36	J	B8I0157	28-Sep-18	0.120 L	02-Oct-18 20:18	1
PFDA	335-76-2	ND	2.86	5.21	8.36	U	B8I0157	28-Sep-18	0.120 L	02-Oct-18 20:18	1
8:2 FTS	39108-34-4	ND	2.86	5.21	8.36	U	B8I0157	28-Sep-18	0.120 L	02-Oct-18 20:18	1
MeFOSAA	2355-31-9	ND	2.86	5.21	8.36	U	B8I0157	28-Sep-18	0.120 L	02-Oct-18 20:18	1
EtFOSAA	2991-50-6	ND	2.86	5.21	8.36	U	B8I0157	28-Sep-18	0.120 L	02-Oct-18 20:18	1
PFUnA	2058-94-8	ND	2.86	5.21	8.36	U	B8I0157	28-Sep-18	0.120 L	02-Oct-18 20:18	1
PFDS	335-77-3	ND	2.86	5.21	8.36	U	B8I0157	28-Sep-18	0.120 L	02-Oct-18 20:18	1
PFDaA	307-55-1	ND	2.86	5.21	8.36	U	B8I0157	28-Sep-18	0.120 L	02-Oct-18 20:18	1
PFTTrDA	72629-94-8	ND	2.86	5.21	8.36	U	B8I0157	28-Sep-18	0.120 L	02-Oct-18 20:18	1
PFTeDA	376-06-7	ND	2.86	5.21	8.36	U	B8I0157	28-Sep-18	0.120 L	02-Oct-18 20:18	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	102	50 - 150		B8I0157	28-Sep-18	0.120 L	02-Oct-18 20:18	1
13C3-PFPeA	IS	97.9	50 - 150		B8I0157	28-Sep-18	0.120 L	02-Oct-18 20:18	1
13C3-PFBS	IS	104	50 - 150		B8I0157	28-Sep-18	0.120 L	02-Oct-18 20:18	1
13C2-PFHxA	IS	100	50 - 150		B8I0157	28-Sep-18	0.120 L	02-Oct-18 20:18	1
13C4-PFHpA	IS	101	50 - 150		B8I0157	28-Sep-18	0.120 L	02-Oct-18 20:18	1
18O2-PFHxS	IS	99.0	50 - 150		B8I0157	28-Sep-18	0.120 L	02-Oct-18 20:18	1
13C2-6:2 FTS	IS	92.6	50 - 150		B8I0157	28-Sep-18	0.120 L	02-Oct-18 20:18	1
13C2-PFOA	IS	96.0	50 - 150		B8I0157	28-Sep-18	0.120 L	02-Oct-18 20:18	1
13C5-PFNA	IS	81.3	50 - 150		B8I0157	28-Sep-18	0.120 L	02-Oct-18 20:18	1
13C8-PFOSA	IS	56.4	50 - 150		B8I0157	28-Sep-18	0.120 L	02-Oct-18 20:18	1
13C8-PFOS	IS	99.0	50 - 150		B8I0157	28-Sep-18	0.120 L	02-Oct-18 20:18	1
13C2-PFDA	IS	76.0	50 - 150		B8I0157	28-Sep-18	0.120 L	02-Oct-18 20:18	1

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-DUP04-20180916
PFAS Isotope Dilution Method

Client Data				Laboratory Data			
Name:	Tetra Tech	Matrix:	Groundwater	Lab Sample:	1803087-09	Column:	BEH C18
Project:	Bethpage	Date Collected:	16-Sep-18 12:00	Date Received:	19-Sep-18 09:13		

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	9.73	2.95	5.39	8.60		B8I0157	28-Sep-18	0.116 L	02-Oct-18 20:28	1
PFPeA	2706-90-3	9.84	2.95	5.39	8.60		B8I0157	28-Sep-18	0.116 L	02-Oct-18 20:28	1
PFBS	375-73-5	ND	2.95	5.39	8.60	U	B8I0157	28-Sep-18	0.116 L	02-Oct-18 20:28	1
PFHxA	307-24-4	13.5	2.95	5.39	8.60		B8I0157	28-Sep-18	0.116 L	02-Oct-18 20:28	1
PFHpA	375-85-9	14.3	2.95	5.39	8.60	Q	B8I0157	28-Sep-18	0.116 L	02-Oct-18 20:28	1
PFHxS	355-46-4	5.13	2.95	5.39	8.60	J, Q	B8I0157	28-Sep-18	0.116 L	02-Oct-18 20:28	1
6:2 FTS	27619-97-2	ND	2.95	5.39	8.60	U	B8I0157	28-Sep-18	0.116 L	02-Oct-18 20:28	1
PFOA	335-67-1	48.1	2.95	5.39	8.60		B8I0157	28-Sep-18	0.116 L	02-Oct-18 20:28	1
PFHpS	375-92-8	ND	2.95	5.39	8.60	U	B8I0157	28-Sep-18	0.116 L	02-Oct-18 20:28	1
PFNA	375-95-1	ND	2.95	5.39	8.60	U	B8I0157	28-Sep-18	0.116 L	02-Oct-18 20:28	1
PFOSA	754-91-6	ND	2.95	5.39	8.60	U	B8I0157	28-Sep-18	0.116 L	02-Oct-18 20:28	1
PFOS	1763-23-1	48.2	2.95	5.39	8.60		B8I0157	28-Sep-18	0.116 L	02-Oct-18 20:28	1
PFDA	335-76-2	ND	2.95	5.39	8.60	U	B8I0157	28-Sep-18	0.116 L	02-Oct-18 20:28	1
8:2 FTS	39108-34-4	ND	2.95	5.39	8.60	U	B8I0157	28-Sep-18	0.116 L	02-Oct-18 20:28	1
MeFOSAA	2355-31-9	ND	2.95	5.39	8.60	U	B8I0157	28-Sep-18	0.116 L	02-Oct-18 20:28	1
EtFOSAA	2991-50-6	ND	2.95	5.39	8.60	U	B8I0157	28-Sep-18	0.116 L	02-Oct-18 20:28	1
PFUnA	2058-94-8	ND	2.95	5.39	8.60	U	B8I0157	28-Sep-18	0.116 L	02-Oct-18 20:28	1
PFDS	335-77-3	ND	2.95	5.39	8.60	U	B8I0157	28-Sep-18	0.116 L	02-Oct-18 20:28	1
PFDaA	307-55-1	ND	2.95	5.39	8.60	U	B8I0157	28-Sep-18	0.116 L	02-Oct-18 20:28	1
PFTTrDA	72629-94-8	ND	2.95	5.39	8.60	U	B8I0157	28-Sep-18	0.116 L	02-Oct-18 20:28	1
PFTeDA	376-06-7	ND	2.95	5.39	8.60	U	B8I0157	28-Sep-18	0.116 L	02-Oct-18 20:28	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	99.6	50 - 150		B8I0157	28-Sep-18	0.116 L	02-Oct-18 20:28	1
13C3-PFPeA	IS	96.3	50 - 150		B8I0157	28-Sep-18	0.116 L	02-Oct-18 20:28	1
13C3-PFBS	IS	102	50 - 150		B8I0157	28-Sep-18	0.116 L	02-Oct-18 20:28	1
13C2-PFHxA	IS	97.0	50 - 150		B8I0157	28-Sep-18	0.116 L	02-Oct-18 20:28	1
13C4-PFHpA	IS	102	50 - 150		B8I0157	28-Sep-18	0.116 L	02-Oct-18 20:28	1
18O2-PFHxS	IS	109	50 - 150		B8I0157	28-Sep-18	0.116 L	02-Oct-18 20:28	1
13C2-6:2 FTS	IS	94.4	50 - 150		B8I0157	28-Sep-18	0.116 L	02-Oct-18 20:28	1
13C2-PFOA	IS	94.1	50 - 150		B8I0157	28-Sep-18	0.116 L	02-Oct-18 20:28	1
13C5-PFNA	IS	95.8	50 - 150		B8I0157	28-Sep-18	0.116 L	02-Oct-18 20:28	1
13C8-PFOSA	IS	64.1	50 - 150		B8I0157	28-Sep-18	0.116 L	02-Oct-18 20:28	1
13C8-PFOS	IS	101	50 - 150		B8I0157	28-Sep-18	0.116 L	02-Oct-18 20:28	1
13C2-PFDA	IS	79.8	50 - 150		B8I0157	28-Sep-18	0.116 L	02-Oct-18 20:28	1

Sample ID: BP-DUP04-20180916					PFAS Isotope Dilution Method					
Client Data Name: Tetra Tech Matrix: Groundwater Project: Bethpage Date Collected: 16-Sep-18 12:00					Laboratory Data Lab Sample: 1803087-09 Column: BEH C18 Date Received: 19-Sep-18 09:13					
Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
13C2-8:2 FTS	IS	87.8	50 - 150		B8I0157	28-Sep-18	0.116 L	02-Oct-18 20:28	1	
d3-MeFOSAA	IS	85.3	50 - 150		B8I0157	28-Sep-18	0.116 L	02-Oct-18 20:28	1	
d5-EtFOSAA	IS	87.5	50 - 150		B8I0157	28-Sep-18	0.116 L	02-Oct-18 20:28	1	
13C2-PFUnA	IS	79.3	50 - 150		B8I0157	28-Sep-18	0.116 L	02-Oct-18 20:28	1	
13C2-PFDoA	IS	80.8	50 - 150		B8I0157	28-Sep-18	0.116 L	02-Oct-18 20:28	1	
13C2-PFTeDA	IS	85.0	50 - 150		B8I0157	28-Sep-18	0.116 L	02-Oct-18 20:28	1	

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

Sample ID: BP-TT-SW4002-20180915
PFAS Isotope Dilution Method

Client Data				Laboratory Data			
Name:	Tetra Tech	Matrix:	Groundwater	Lab Sample:	1803087-10	Column:	BEH C18
Project:	Bethpage	Date Collected:	15-Sep-18 08:30	Date Received:	19-Sep-18 09:13		

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	12.9	2.94	5.34	8.58		B8I0157	28-Sep-18	0.117 L	02-Oct-18 20:39	1
PFPeA	2706-90-3	29.9	2.94	5.34	8.58		B8I0157	28-Sep-18	0.117 L	02-Oct-18 20:39	1
PFBS	375-73-5	ND	2.94	5.34	8.58	U	B8I0157	28-Sep-18	0.117 L	02-Oct-18 20:39	1
PFHxA	307-24-4	21.0	2.94	5.34	8.58		B8I0157	28-Sep-18	0.117 L	02-Oct-18 20:39	1
PFHpA	375-85-9	14.1	2.94	5.34	8.58		B8I0157	28-Sep-18	0.117 L	02-Oct-18 20:39	1
PFHxS	355-46-4	3.79	2.94	5.34	8.58	J, Q	B8I0157	28-Sep-18	0.117 L	02-Oct-18 20:39	1
6:2 FTS	27619-97-2	7.04	2.94	5.34	8.58	J	B8I0157	28-Sep-18	0.117 L	02-Oct-18 20:39	1
PFOA	335-67-1	16.6	2.94	5.34	8.58		B8I0157	28-Sep-18	0.117 L	02-Oct-18 20:39	1
PFHpS	375-92-8	ND	2.94	5.34	8.58	U	B8I0157	28-Sep-18	0.117 L	02-Oct-18 20:39	1
PFNA	375-95-1	6.38	2.94	5.34	8.58	J, Q	B8I0157	28-Sep-18	0.117 L	02-Oct-18 20:39	1
PFOSA	754-91-6	ND	2.94	5.34	8.58	U	B8I0157	28-Sep-18	0.117 L	02-Oct-18 20:39	1
PFOS	1763-23-1	9.90	2.94	5.34	8.58		B8I0157	28-Sep-18	0.117 L	02-Oct-18 20:39	1
PFDA	335-76-2	ND	2.94	5.34	8.58	U	B8I0157	28-Sep-18	0.117 L	02-Oct-18 20:39	1
8:2 FTS	39108-34-4	3.79	2.94	5.34	8.58	J, Q	B8I0157	28-Sep-18	0.117 L	02-Oct-18 20:39	1
MeFOSAA	2355-31-9	ND	2.94	5.34	8.58	U	B8I0157	28-Sep-18	0.117 L	02-Oct-18 20:39	1
EtFOSAA	2991-50-6	ND	2.94	5.34	8.58	U	B8I0157	28-Sep-18	0.117 L	02-Oct-18 20:39	1
PFUnA	2058-94-8	ND	2.94	5.34	8.58	U	B8I0157	28-Sep-18	0.117 L	02-Oct-18 20:39	1
PFDS	335-77-3	ND	2.94	5.34	8.58	U	B8I0157	28-Sep-18	0.117 L	02-Oct-18 20:39	1
PFDaA	307-55-1	ND	2.94	5.34	8.58	U	B8I0157	28-Sep-18	0.117 L	02-Oct-18 20:39	1
PFTTrDA	72629-94-8	ND	2.94	5.34	8.58	U	B8I0157	28-Sep-18	0.117 L	02-Oct-18 20:39	1
PFTeDA	376-06-7	ND	2.94	5.34	8.58	U	B8I0157	28-Sep-18	0.117 L	02-Oct-18 20:39	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	99.7	50 - 150		B8I0157	28-Sep-18	0.117 L	02-Oct-18 20:39	1
13C3-PFPeA	IS	95.5	50 - 150		B8I0157	28-Sep-18	0.117 L	02-Oct-18 20:39	1
13C3-PFBS	IS	99.2	50 - 150		B8I0157	28-Sep-18	0.117 L	02-Oct-18 20:39	1
13C2-PFHxA	IS	95.9	50 - 150		B8I0157	28-Sep-18	0.117 L	02-Oct-18 20:39	1
13C4-PFHpA	IS	93.3	50 - 150		B8I0157	28-Sep-18	0.117 L	02-Oct-18 20:39	1
18O2-PFHxS	IS	104	50 - 150		B8I0157	28-Sep-18	0.117 L	02-Oct-18 20:39	1
13C2-6:2 FTS	IS	101	50 - 150		B8I0157	28-Sep-18	0.117 L	02-Oct-18 20:39	1
13C2-PFOA	IS	95.7	50 - 150		B8I0157	28-Sep-18	0.117 L	02-Oct-18 20:39	1
13C5-PFNA	IS	78.9	50 - 150		B8I0157	28-Sep-18	0.117 L	02-Oct-18 20:39	1
13C8-PFOSA	IS	59.8	50 - 150		B8I0157	28-Sep-18	0.117 L	02-Oct-18 20:39	1
13C8-PFOS	IS	99.4	50 - 150		B8I0157	28-Sep-18	0.117 L	02-Oct-18 20:39	1
13C2-PFDA	IS	73.1	50 - 150		B8I0157	28-Sep-18	0.117 L	02-Oct-18 20:39	1

Sample ID: BPS1-TT-MW309D-20180915
PFAS Isotope Dilution Method

Client Data				Laboratory Data			
Name:	Tetra Tech	Matrix:	Groundwater	Lab Sample:	1803087-11	Column:	BEH C18
Project:	Bethpage	Date Collected:	15-Sep-18 12:25	Date Received:	19-Sep-18 09:13		

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	7.87	2.87	5.25	8.39	J	B8I0157	28-Sep-18	0.119 L	02-Oct-18 20:49	1
PFPeA	2706-90-3	7.32	2.87	5.25	8.39	J	B8I0157	28-Sep-18	0.119 L	02-Oct-18 20:49	1
PFBS	375-73-5	ND	2.87	5.25	8.39	U	B8I0157	28-Sep-18	0.119 L	02-Oct-18 20:49	1
PFHxA	307-24-4	7.11	2.87	5.25	8.39	J	B8I0157	28-Sep-18	0.119 L	02-Oct-18 20:49	1
PFHpA	375-85-9	4.56	2.87	5.25	8.39	J	B8I0157	28-Sep-18	0.119 L	02-Oct-18 20:49	1
PFHxS	355-46-4	ND	2.87	5.25	8.39	U	B8I0157	28-Sep-18	0.119 L	02-Oct-18 20:49	1
6:2 FTS	27619-97-2	ND	2.87	5.25	8.39	U	B8I0157	28-Sep-18	0.119 L	02-Oct-18 20:49	1
PFOA	335-67-1	11.5	2.87	5.25	8.39		B8I0157	28-Sep-18	0.119 L	02-Oct-18 20:49	1
PFHpS	375-92-8	ND	2.87	5.25	8.39	U	B8I0157	28-Sep-18	0.119 L	02-Oct-18 20:49	1
PFNA	375-95-1	3.46	2.87	5.25	8.39	J	B8I0157	28-Sep-18	0.119 L	02-Oct-18 20:49	1
PFOSA	754-91-6	ND	2.87	5.25	8.39	U	B8I0157	28-Sep-18	0.119 L	02-Oct-18 20:49	1
PFOS	1763-23-1	15.4	2.87	5.25	8.39	Q	B8I0157	28-Sep-18	0.119 L	02-Oct-18 20:49	1
PFDA	335-76-2	3.57	2.87	5.25	8.39	J	B8I0157	28-Sep-18	0.119 L	02-Oct-18 20:49	1
8:2 FTS	39108-34-4	ND	2.87	5.25	8.39	U	B8I0157	28-Sep-18	0.119 L	02-Oct-18 20:49	1
MeFOSAA	2355-31-9	ND	2.87	5.25	8.39	U	B8I0157	28-Sep-18	0.119 L	02-Oct-18 20:49	1
EtFOSAA	2991-50-6	ND	2.87	5.25	8.39	U	B8I0157	28-Sep-18	0.119 L	02-Oct-18 20:49	1
PFUnA	2058-94-8	ND	2.87	5.25	8.39	U	B8I0157	28-Sep-18	0.119 L	02-Oct-18 20:49	1
PFDS	335-77-3	ND	2.87	5.25	8.39	U	B8I0157	28-Sep-18	0.119 L	02-Oct-18 20:49	1
PFDaA	307-55-1	ND	2.87	5.25	8.39	U	B8I0157	28-Sep-18	0.119 L	02-Oct-18 20:49	1
PFTTrDA	72629-94-8	ND	2.87	5.25	8.39	U	B8I0157	28-Sep-18	0.119 L	02-Oct-18 20:49	1
PFTeDA	376-06-7	ND	2.87	5.25	8.39	U	B8I0157	28-Sep-18	0.119 L	02-Oct-18 20:49	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	102	50 - 150		B8I0157	28-Sep-18	0.119 L	02-Oct-18 20:49	1
13C3-PFPeA	IS	94.0	50 - 150		B8I0157	28-Sep-18	0.119 L	02-Oct-18 20:49	1
13C3-PFBS	IS	102	50 - 150		B8I0157	28-Sep-18	0.119 L	02-Oct-18 20:49	1
13C2-PFHxA	IS	93.1	50 - 150		B8I0157	28-Sep-18	0.119 L	02-Oct-18 20:49	1
13C4-PFHpA	IS	97.2	50 - 150		B8I0157	28-Sep-18	0.119 L	02-Oct-18 20:49	1
18O2-PFHxS	IS	105	50 - 150		B8I0157	28-Sep-18	0.119 L	02-Oct-18 20:49	1
13C2-6:2 FTS	IS	92.2	50 - 150		B8I0157	28-Sep-18	0.119 L	02-Oct-18 20:49	1
13C2-PFOA	IS	97.2	50 - 150		B8I0157	28-Sep-18	0.119 L	02-Oct-18 20:49	1
13C5-PFNA	IS	82.8	50 - 150		B8I0157	28-Sep-18	0.119 L	02-Oct-18 20:49	1
13C8-PFOSA	IS	59.9	50 - 150		B8I0157	28-Sep-18	0.119 L	02-Oct-18 20:49	1
13C8-PFOS	IS	96.3	50 - 150		B8I0157	28-Sep-18	0.119 L	02-Oct-18 20:49	1
13C2-PFDA	IS	74.2	50 - 150		B8I0157	28-Sep-18	0.119 L	02-Oct-18 20:49	1

Sample ID: BPS1-TT-MW309D-20180915					PFAS Isotope Dilution Method					
Client Data Name: Tetra Tech Matrix: Groundwater Project: Bethpage Date Collected: 15-Sep-18 12:25					Laboratory Data Lab Sample: 1803087-11 Column: BEH C18 Date Received: 19-Sep-18 09:13					
Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
13C2-8:2 FTS	IS	84.0	50 - 150		B8I0157	28-Sep-18	0.119 L	02-Oct-18 20:49	1	
d3-MeFOSAA	IS	74.7	50 - 150		B8I0157	28-Sep-18	0.119 L	02-Oct-18 20:49	1	
d5-EtFOSAA	IS	89.1	50 - 150		B8I0157	28-Sep-18	0.119 L	02-Oct-18 20:49	1	
13C2-PFUnA	IS	79.3	50 - 150		B8I0157	28-Sep-18	0.119 L	02-Oct-18 20:49	1	
13C2-PFDoA	IS	80.4	50 - 150		B8I0157	28-Sep-18	0.119 L	02-Oct-18 20:49	1	
13C2-PFTeDA	IS	83.1	50 - 150		B8I0157	28-Sep-18	0.119 L	02-Oct-18 20:49	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: BPS1-TT-MW309I-20180915
PFAS Isotope Dilution Method

Client Data				Laboratory Data			
Name:	Tetra Tech	Matrix:	Groundwater	Lab Sample:	1803087-12	Column:	BEH C18
Project:	Bethpage	Date Collected:	15-Sep-18 14:05	Date Received:	19-Sep-18 09:13		

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	14.5	2.88	5.25	8.41		B8I0157	28-Sep-18	0.119 L	02-Oct-18 21:00	1
PFPeA	2706-90-3	44.8	2.88	5.25	8.41		B8I0157	28-Sep-18	0.119 L	02-Oct-18 21:00	1
PFBS	375-73-5	ND	2.88	5.25	8.41	U	B8I0157	28-Sep-18	0.119 L	02-Oct-18 21:00	1
PFHxA	307-24-4	28.0	2.88	5.25	8.41		B8I0157	28-Sep-18	0.119 L	02-Oct-18 21:00	1
PFHpA	375-85-9	17.4	2.88	5.25	8.41		B8I0157	28-Sep-18	0.119 L	02-Oct-18 21:00	1
PFHxS	355-46-4	3.36	2.88	5.25	8.41	J	B8I0157	28-Sep-18	0.119 L	02-Oct-18 21:00	1
6:2 FTS	27619-97-2	ND	2.88	5.25	8.41	U	B8I0157	28-Sep-18	0.119 L	02-Oct-18 21:00	1
PFOA	335-67-1	16.4	2.88	5.25	8.41		B8I0157	28-Sep-18	0.119 L	02-Oct-18 21:00	1
PFHpS	375-92-8	ND	2.88	5.25	8.41	U	B8I0157	28-Sep-18	0.119 L	02-Oct-18 21:00	1
PFNA	375-95-1	8.91	2.88	5.25	8.41		B8I0157	28-Sep-18	0.119 L	02-Oct-18 21:00	1
PFOSA	754-91-6	ND	2.88	5.25	8.41	U	B8I0157	28-Sep-18	0.119 L	02-Oct-18 21:00	1
PFOS	1763-23-1	10.8	2.88	5.25	8.41		B8I0157	28-Sep-18	0.119 L	02-Oct-18 21:00	1
PFDA	335-76-2	ND	2.88	5.25	8.41	U	B8I0157	28-Sep-18	0.119 L	02-Oct-18 21:00	1
8:2 FTS	39108-34-4	ND	2.88	5.25	8.41	U	B8I0157	28-Sep-18	0.119 L	02-Oct-18 21:00	1
MeFOSAA	2355-31-9	ND	2.88	5.25	8.41	U	B8I0157	28-Sep-18	0.119 L	02-Oct-18 21:00	1
EtFOSAA	2991-50-6	ND	2.88	5.25	8.41	U	B8I0157	28-Sep-18	0.119 L	02-Oct-18 21:00	1
PFUnA	2058-94-8	ND	2.88	5.25	8.41	U	B8I0157	28-Sep-18	0.119 L	02-Oct-18 21:00	1
PFDS	335-77-3	ND	2.88	5.25	8.41	U	B8I0157	28-Sep-18	0.119 L	02-Oct-18 21:00	1
PFDaA	307-55-1	ND	2.88	5.25	8.41	U	B8I0157	28-Sep-18	0.119 L	02-Oct-18 21:00	1
PFTTrDA	72629-94-8	ND	2.88	5.25	8.41	U	B8I0157	28-Sep-18	0.119 L	02-Oct-18 21:00	1
PFTeDA	376-06-7	ND	2.88	5.25	8.41	U	B8I0157	28-Sep-18	0.119 L	02-Oct-18 21:00	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	95.4	50 - 150		B8I0157	28-Sep-18	0.119 L	02-Oct-18 21:00	1
13C3-PFPeA	IS	92.3	50 - 150		B8I0157	28-Sep-18	0.119 L	02-Oct-18 21:00	1
13C3-PFBS	IS	99.1	50 - 150		B8I0157	28-Sep-18	0.119 L	02-Oct-18 21:00	1
13C2-PFHxA	IS	94.9	50 - 150		B8I0157	28-Sep-18	0.119 L	02-Oct-18 21:00	1
13C4-PFHpA	IS	91.4	50 - 150		B8I0157	28-Sep-18	0.119 L	02-Oct-18 21:00	1
18O2-PFHxS	IS	106	50 - 150		B8I0157	28-Sep-18	0.119 L	02-Oct-18 21:00	1
13C2-6:2 FTS	IS	92.7	50 - 150		B8I0157	28-Sep-18	0.119 L	02-Oct-18 21:00	1
13C2-PFOA	IS	86.8	50 - 150		B8I0157	28-Sep-18	0.119 L	02-Oct-18 21:00	1
13C5-PFNA	IS	82.0	50 - 150		B8I0157	28-Sep-18	0.119 L	02-Oct-18 21:00	1
13C8-PFOSA	IS	62.8	50 - 150		B8I0157	28-Sep-18	0.119 L	02-Oct-18 21:00	1
13C8-PFOS	IS	106	50 - 150		B8I0157	28-Sep-18	0.119 L	02-Oct-18 21:00	1
13C2-PFDA	IS	72.9	50 - 150		B8I0157	28-Sep-18	0.119 L	02-Oct-18 21:00	1

Sample ID: BPS1-TT-MW309I-20180915					PFAS Isotope Dilution Method					
Client Data Name: Tetra Tech Matrix: Groundwater Project: Bethpage Date Collected: 15-Sep-18 14:05					Laboratory Data Lab Sample: 1803087-12 Column: BEH C18 Date Received: 19-Sep-18 09:13					
Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
13C2-8:2 FTS	IS	82.5	50 - 150		B8I0157	28-Sep-18	0.119 L	02-Oct-18 21:00	1	
d3-MeFOSAA	IS	72.6	50 - 150		B8I0157	28-Sep-18	0.119 L	02-Oct-18 21:00	1	
d5-EtFOSAA	IS	79.4	50 - 150		B8I0157	28-Sep-18	0.119 L	02-Oct-18 21:00	1	
13C2-PFUnA	IS	72.5	50 - 150		B8I0157	28-Sep-18	0.119 L	02-Oct-18 21:00	1	
13C2-PFDoA	IS	71.6	50 - 150		B8I0157	28-Sep-18	0.119 L	02-Oct-18 21:00	1	
13C2-PFTeDA	IS	72.2	50 - 150		B8I0157	28-Sep-18	0.119 L	02-Oct-18 21:00	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-MW29IR-20180916
PFAS Isotope Dilution Method

Client Data				Laboratory Data			
Name:	Tetra Tech	Matrix:	Groundwater	Lab Sample:	1803087-13	Column:	BEH C18
Project:	Bethpage	Date Collected:	16-Sep-18 13:10	Date Received:	19-Sep-18 09:13		

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	2.94	5.39	8.59	U	B8I0157	28-Sep-18	0.116 L	02-Oct-18 21:11	1
PFPeA	2706-90-3	4.21	2.94	5.39	8.59	J	B8I0157	28-Sep-18	0.116 L	02-Oct-18 21:11	1
PFBS	375-73-5	ND	2.94	5.39	8.59	U	B8I0157	28-Sep-18	0.116 L	02-Oct-18 21:11	1
PFHxA	307-24-4	3.01	2.94	5.39	8.59	J	B8I0157	28-Sep-18	0.116 L	02-Oct-18 21:11	1
PFHpA	375-85-9	3.12	2.94	5.39	8.59	J, Q	B8I0157	28-Sep-18	0.116 L	02-Oct-18 21:11	1
PFHxS	355-46-4	ND	2.94	5.39	8.59	U	B8I0157	28-Sep-18	0.116 L	02-Oct-18 21:11	1
6:2 FTS	27619-97-2	ND	2.94	5.39	8.59	U	B8I0157	28-Sep-18	0.116 L	02-Oct-18 21:11	1
PFOA	335-67-1	5.78	2.94	5.39	8.59	J	B8I0157	28-Sep-18	0.116 L	02-Oct-18 21:11	1
PFHpS	375-92-8	ND	2.94	5.39	8.59	U	B8I0157	28-Sep-18	0.116 L	02-Oct-18 21:11	1
PFNA	375-95-1	ND	2.94	5.39	8.59	U	B8I0157	28-Sep-18	0.116 L	02-Oct-18 21:11	1
PFOSA	754-91-6	ND	2.94	5.39	8.59	U	B8I0157	28-Sep-18	0.116 L	02-Oct-18 21:11	1
PFOS	1763-23-1	3.61	2.94	5.39	8.59	J, Q	B8I0157	28-Sep-18	0.116 L	02-Oct-18 21:11	1
PFDA	335-76-2	3.40	2.94	5.39	8.59	J	B8I0157	28-Sep-18	0.116 L	02-Oct-18 21:11	1
8:2 FTS	39108-34-4	ND	2.94	5.39	8.59	U	B8I0157	28-Sep-18	0.116 L	02-Oct-18 21:11	1
MeFOSAA	2355-31-9	ND	2.94	5.39	8.59	U	B8I0157	28-Sep-18	0.116 L	02-Oct-18 21:11	1
EtFOSAA	2991-50-6	ND	2.94	5.39	8.59	U	B8I0157	28-Sep-18	0.116 L	02-Oct-18 21:11	1
PFUnA	2058-94-8	ND	2.94	5.39	8.59	U	B8I0157	28-Sep-18	0.116 L	02-Oct-18 21:11	1
PFDS	335-77-3	ND	2.94	5.39	8.59	U	B8I0157	28-Sep-18	0.116 L	02-Oct-18 21:11	1
PFDaA	307-55-1	ND	2.94	5.39	8.59	U	B8I0157	28-Sep-18	0.116 L	02-Oct-18 21:11	1
PFTTrDA	72629-94-8	ND	2.94	5.39	8.59	U	B8I0157	28-Sep-18	0.116 L	02-Oct-18 21:11	1
PFTeDA	376-06-7	ND	2.94	5.39	8.59	U	B8I0157	28-Sep-18	0.116 L	02-Oct-18 21:11	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	98.6	50 - 150		B8I0157	28-Sep-18	0.116 L	02-Oct-18 21:11	1
13C3-PFPeA	IS	93.2	50 - 150		B8I0157	28-Sep-18	0.116 L	02-Oct-18 21:11	1
13C3-PFBS	IS	99.3	50 - 150		B8I0157	28-Sep-18	0.116 L	02-Oct-18 21:11	1
13C2-PFHxA	IS	93.9	50 - 150		B8I0157	28-Sep-18	0.116 L	02-Oct-18 21:11	1
13C4-PFHpA	IS	97.5	50 - 150		B8I0157	28-Sep-18	0.116 L	02-Oct-18 21:11	1
18O2-PFHxS	IS	108	50 - 150		B8I0157	28-Sep-18	0.116 L	02-Oct-18 21:11	1
13C2-6:2 FTS	IS	89.2	50 - 150		B8I0157	28-Sep-18	0.116 L	02-Oct-18 21:11	1
13C2-PFOA	IS	96.9	50 - 150		B8I0157	28-Sep-18	0.116 L	02-Oct-18 21:11	1
13C5-PFNA	IS	79.3	50 - 150		B8I0157	28-Sep-18	0.116 L	02-Oct-18 21:11	1
13C8-PFOSA	IS	64.4	50 - 150		B8I0157	28-Sep-18	0.116 L	02-Oct-18 21:11	1
13C8-PFOS	IS	96.8	50 - 150		B8I0157	28-Sep-18	0.116 L	02-Oct-18 21:11	1
13C2-PFDA	IS	73.7	50 - 150		B8I0157	28-Sep-18	0.116 L	02-Oct-18 21:11	1

Sample ID: BP-HN-MW29IR-20180916					PFAS Isotope Dilution Method					
Client Data Name: Tetra Tech Project: Bethpage					Laboratory Data Lab Sample: 1803087-13 Date Received: 19-Sep-18 09:13 Column: BEH C18					
Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
13C2-8:2 FTS	IS	86.0	50 - 150		B8I0157	28-Sep-18	0.116 L	02-Oct-18 21:11	1	
d3-MeFOSAA	IS	75.5	50 - 150		B8I0157	28-Sep-18	0.116 L	02-Oct-18 21:11	1	
d5-EtFOSAA	IS	78.6	50 - 150		B8I0157	28-Sep-18	0.116 L	02-Oct-18 21:11	1	
13C2-PFUnA	IS	80.1	50 - 150		B8I0157	28-Sep-18	0.116 L	02-Oct-18 21:11	1	
13C2-PFDoA	IS	77.4	50 - 150		B8I0157	28-Sep-18	0.116 L	02-Oct-18 21:11	1	
13C2-PFTeDA	IS	83.3	50 - 150		B8I0157	28-Sep-18	0.116 L	02-Oct-18 21:11	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-MW29D-20180916
PFAS Isotope Dilution Method

Client Data				Laboratory Data			
Name:	Tetra Tech	Matrix:	Groundwater	Lab Sample:	1803087-14	Column:	BEH C18
Project:	Bethpage	Date Collected:	16-Sep-18 12:25	Date Received:	19-Sep-18 09:13		

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	13.4	2.69	4.92	7.86		B8I0157	28-Sep-18	0.127 L	02-Oct-18 21:21	1
PFPeA	2706-90-3	22.6	2.69	4.92	7.86		B8I0157	28-Sep-18	0.127 L	02-Oct-18 21:21	1
PFBS	375-73-5	ND	2.69	4.92	7.86	U	B8I0157	28-Sep-18	0.127 L	02-Oct-18 21:21	1
PFHxA	307-24-4	14.5	2.69	4.92	7.86		B8I0157	28-Sep-18	0.127 L	02-Oct-18 21:21	1
PFHpA	375-85-9	9.10	2.69	4.92	7.86		B8I0157	28-Sep-18	0.127 L	02-Oct-18 21:21	1
PFHxS	355-46-4	ND	2.69	4.92	7.86	U	B8I0157	28-Sep-18	0.127 L	02-Oct-18 21:21	1
6:2 FTS	27619-97-2	ND	2.69	4.92	7.86	U	B8I0157	28-Sep-18	0.127 L	02-Oct-18 21:21	1
PFOA	335-67-1	12.6	2.69	4.92	7.86		B8I0157	28-Sep-18	0.127 L	02-Oct-18 21:21	1
PFHpS	375-92-8	ND	2.69	4.92	7.86	U	B8I0157	28-Sep-18	0.127 L	02-Oct-18 21:21	1
PFNA	375-95-1	2.75	2.69	4.92	7.86	J	B8I0157	28-Sep-18	0.127 L	02-Oct-18 21:21	1
PFOSA	754-91-6	ND	2.69	4.92	7.86	U	B8I0157	28-Sep-18	0.127 L	02-Oct-18 21:21	1
PFOS	1763-23-1	5.89	2.69	4.92	7.86	J, Q	B8I0157	28-Sep-18	0.127 L	02-Oct-18 21:21	1
PFDA	335-76-2	ND	2.69	4.92	7.86	U	B8I0157	28-Sep-18	0.127 L	02-Oct-18 21:21	1
8:2 FTS	39108-34-4	ND	2.69	4.92	7.86	U	B8I0157	28-Sep-18	0.127 L	02-Oct-18 21:21	1
MeFOSAA	2355-31-9	ND	2.69	4.92	7.86	U	B8I0157	28-Sep-18	0.127 L	02-Oct-18 21:21	1
EtFOSAA	2991-50-6	ND	2.69	4.92	7.86	U	B8I0157	28-Sep-18	0.127 L	02-Oct-18 21:21	1
PFUnA	2058-94-8	ND	2.69	4.92	7.86	U	B8I0157	28-Sep-18	0.127 L	02-Oct-18 21:21	1
PFDS	335-77-3	ND	2.69	4.92	7.86	U	B8I0157	28-Sep-18	0.127 L	02-Oct-18 21:21	1
PFDaA	307-55-1	ND	2.69	4.92	7.86	U	B8I0157	28-Sep-18	0.127 L	02-Oct-18 21:21	1
PFTTrDA	72629-94-8	ND	2.69	4.92	7.86	U	B8I0157	28-Sep-18	0.127 L	02-Oct-18 21:21	1
PFTeDA	376-06-7	ND	2.69	4.92	7.86	U	B8I0157	28-Sep-18	0.127 L	02-Oct-18 21:21	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	97.4	50 - 150		B8I0157	28-Sep-18	0.127 L	02-Oct-18 21:21	1
13C3-PFPeA	IS	91.7	50 - 150		B8I0157	28-Sep-18	0.127 L	02-Oct-18 21:21	1
13C3-PFBS	IS	98.1	50 - 150		B8I0157	28-Sep-18	0.127 L	02-Oct-18 21:21	1
13C2-PFHxA	IS	92.2	50 - 150		B8I0157	28-Sep-18	0.127 L	02-Oct-18 21:21	1
13C4-PFHpA	IS	95.1	50 - 150		B8I0157	28-Sep-18	0.127 L	02-Oct-18 21:21	1
18O2-PFHxS	IS	101	50 - 150		B8I0157	28-Sep-18	0.127 L	02-Oct-18 21:21	1
13C2-6:2 FTS	IS	91.6	50 - 150		B8I0157	28-Sep-18	0.127 L	02-Oct-18 21:21	1
13C2-PFOA	IS	89.0	50 - 150		B8I0157	28-Sep-18	0.127 L	02-Oct-18 21:21	1
13C5-PFNA	IS	77.7	50 - 150		B8I0157	28-Sep-18	0.127 L	02-Oct-18 21:21	1
13C8-PFOSA	IS	56.0	50 - 150		B8I0157	28-Sep-18	0.127 L	02-Oct-18 21:21	1
13C8-PFOS	IS	98.7	50 - 150		B8I0157	28-Sep-18	0.127 L	02-Oct-18 21:21	1
13C2-PFDA	IS	69.9	50 - 150		B8I0157	28-Sep-18	0.127 L	02-Oct-18 21:21	1

Appendix C

Support Documents

A. Documents Supporting Qualifications

Sample ID: BP-FW-MW03-20180916
PFAS Isotope Dilution Method

Client Data				Laboratory Data			
Name:	Tetra Tech	Matrix:	Groundwater	Lab Sample:	1803087-01	Column:	BEH C18
Project:	Bethpage	Date Collected:	16-Sep-18 12:50	Date Received:	19-Sep-18 09:13		

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	4.41	2.90	5.30	8.47	J	B8I0157	28-Sep-18	0.118 L	02-Oct-18 18:32	1
PFPeA	2706-90-3	5.24	2.90	5.30	8.47	J	B8I0157	28-Sep-18	0.118 L	02-Oct-18 18:32	1
PFBS	375-73-5	ND	2.90	5.30	8.47	U	B8I0157	28-Sep-18	0.118 L	02-Oct-18 18:32	1
PFHxA	307-24-4	3.51	2.90	5.30	8.47	J	B8I0157	28-Sep-18	0.118 L	02-Oct-18 18:32	1
PFHpA	375-85-9	3.31	2.90	5.30	8.47	J, Q	B8I0157	28-Sep-18	0.118 L	02-Oct-18 18:32	1
PFHxS	355-46-4	ND	2.90	5.30	8.47	U	B8I0157	28-Sep-18	0.118 L	02-Oct-18 18:32	1
6:2 FTS	27619-97-2	ND	2.90	5.30	8.47	U	B8I0157	28-Sep-18	0.118 L	02-Oct-18 18:32	1
PFOA	335-67-1	5.60	2.90	5.30	8.47	J	B8I0157	28-Sep-18	0.118 L	02-Oct-18 18:32	1
PFHpS	375-92-8	ND	2.90	5.30	8.47	U	B8I0157	28-Sep-18	0.118 L	02-Oct-18 18:32	1
PFNA	375-95-1	ND	2.90	5.30	8.47	U	B8I0157	28-Sep-18	0.118 L	02-Oct-18 18:32	1
PFOSA	754-91-6	3.61	2.90	5.30	8.47	J, Q	B8I0157	28-Sep-18	0.118 L	02-Oct-18 18:32	1
PFOS	1763-23-1	7.93	2.90	5.30	8.47	J	B8I0157	28-Sep-18	0.118 L	02-Oct-18 18:32	1
PFDA	335-76-2	ND	2.90	5.30	8.47	U	B8I0157	28-Sep-18	0.118 L	02-Oct-18 18:32	1
8:2 FTS	39108-34-4	ND	2.90	5.30	8.47	U	B8I0157	28-Sep-18	0.118 L	02-Oct-18 18:32	1
MeFOSAA	2355-31-9	ND	2.90	5.30	8.47	U	B8I0157	28-Sep-18	0.118 L	02-Oct-18 18:32	1
EtFOSAA	2991-50-6	8.72	2.90	5.30	8.47		B8I0157	28-Sep-18	0.118 L	02-Oct-18 18:32	1
PFUnA	2058-94-8	ND	2.90	5.30	8.47	U	B8I0157	28-Sep-18	0.118 L	02-Oct-18 18:32	1
PFDS	335-77-3	ND	2.90	5.30	8.47	U	B8I0157	28-Sep-18	0.118 L	02-Oct-18 18:32	1
PFDaA	307-55-1	ND	2.90	5.30	8.47	U	B8I0157	28-Sep-18	0.118 L	02-Oct-18 18:32	1
PFTTrDA	72629-94-8	ND	2.90	5.30	8.47	U	B8I0157	28-Sep-18	0.118 L	02-Oct-18 18:32	1
PFTeDA	376-06-7	ND	2.90	5.30	8.47	U	B8I0157	28-Sep-18	0.118 L	02-Oct-18 18:32	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	106	50 - 150		B8I0157	28-Sep-18	0.118 L	02-Oct-18 18:32	1
13C3-PFPeA	IS	102	50 - 150		B8I0157	28-Sep-18	0.118 L	02-Oct-18 18:32	1
13C3-PFBS	IS	103	50 - 150		B8I0157	28-Sep-18	0.118 L	02-Oct-18 18:32	1
13C2-PFHxA	IS	102	50 - 150		B8I0157	28-Sep-18	0.118 L	02-Oct-18 18:32	1
13C4-PFHpA	IS	104	50 - 150		B8I0157	28-Sep-18	0.118 L	02-Oct-18 18:32	1
18O2-PFHxS	IS	108	50 - 150		B8I0157	28-Sep-18	0.118 L	02-Oct-18 18:32	1
13C2-6:2 FTS	IS	93.6	50 - 150		B8I0157	28-Sep-18	0.118 L	02-Oct-18 18:32	1
13C2-PFOA	IS	90.9	50 - 150		B8I0157	28-Sep-18	0.118 L	02-Oct-18 18:32	1
13C5-PFNA	IS	87.6	50 - 150		B8I0157	28-Sep-18	0.118 L	02-Oct-18 18:32	1
13C8-PFOSA	IS	34.4	50 - 150	H	B8I0157	28-Sep-18	0.118 L	02-Oct-18 18:32	1
13C8-PFOS	IS	108	50 - 150		B8I0157	28-Sep-18	0.118 L	02-Oct-18 18:32	1
13C2-PFDA	IS	82.2	50 - 150		B8I0157	28-Sep-18	0.118 L	02-Oct-18 18:32	1

Sample ID: BP-FW-MW02-20180916
PFAS Isotope Dilution Method

Client Data				Laboratory Data			
Name:	Tetra Tech	Matrix:	Groundwater	Lab Sample:	1803087-02	Column:	BEH C18
Project:	Bethpage	Date Collected:	16-Sep-18 15:45	Date Received:	19-Sep-18 09:13		

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	10.8	2.86	5.21	8.34		B8I0157	28-Sep-18	0.120 L	02-Oct-18 18:42	1
PFPeA	2706-90-3	15.7	2.86	5.21	8.34		B8I0157	28-Sep-18	0.120 L	02-Oct-18 18:42	1
PFBS	375-73-5	ND	2.86	5.21	8.34	U	B8I0157	28-Sep-18	0.120 L	02-Oct-18 18:42	1
PFHxA	307-24-4	16.6	2.86	5.21	8.34		B8I0157	28-Sep-18	0.120 L	02-Oct-18 18:42	1
PFHpA	375-85-9	9.96	2.86	5.21	8.34		B8I0157	28-Sep-18	0.120 L	02-Oct-18 18:42	1
PFHxS	355-46-4	ND	2.86	5.21	8.34	U	B8I0157	28-Sep-18	0.120 L	02-Oct-18 18:42	1
6:2 FTS	27619-97-2	ND	2.86	5.21	8.34	U	B8I0157	28-Sep-18	0.120 L	02-Oct-18 18:42	1
PFOA	335-67-1	26.8	2.86	5.21	8.34		B8I0157	28-Sep-18	0.120 L	02-Oct-18 18:42	1
PFHpS	375-92-8	ND	2.86	5.21	8.34	U	B8I0157	28-Sep-18	0.120 L	02-Oct-18 18:42	1
PFNA	375-95-1	9.40	2.86	5.21	8.34		B8I0157	28-Sep-18	0.120 L	02-Oct-18 18:42	1
PFOSA	754-91-6	ND	2.86	5.21	8.34	U	B8I0157	28-Sep-18	0.120 L	02-Oct-18 18:42	1
PFOS	1763-23-1	112	2.86	5.21	8.34		B8I0157	28-Sep-18	0.120 L	02-Oct-18 18:42	1
PFDA	335-76-2	ND	2.86	5.21	8.34	U	B8I0157	28-Sep-18	0.120 L	02-Oct-18 18:42	1
8:2 FTS	39108-34-4	ND	2.86	5.21	8.34	U	B8I0157	28-Sep-18	0.120 L	02-Oct-18 18:42	1
MeFOSAA	2355-31-9	ND	2.86	5.21	8.34	U	B8I0157	28-Sep-18	0.120 L	02-Oct-18 18:42	1
EtFOSAA	2991-50-6	5.75	2.86	5.21	8.34	J, Q	B8I0157	28-Sep-18	0.120 L	02-Oct-18 18:42	1
PFUnA	2058-94-8	ND	2.86	5.21	8.34	U	B8I0157	28-Sep-18	0.120 L	02-Oct-18 18:42	1
PFDS	335-77-3	ND	2.86	5.21	8.34	U	B8I0157	28-Sep-18	0.120 L	02-Oct-18 18:42	1
PFDaA	307-55-1	ND	2.86	5.21	8.34	U	B8I0157	28-Sep-18	0.120 L	02-Oct-18 18:42	1
PFTTrDA	72629-94-8	ND	2.86	5.21	8.34	U	B8I0157	28-Sep-18	0.120 L	02-Oct-18 18:42	1
PFTeDA	376-06-7	ND	2.86	5.21	8.34	U	B8I0157	28-Sep-18	0.120 L	02-Oct-18 18:42	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	106	50 - 150		B8I0157	28-Sep-18	0.120 L	02-Oct-18 18:42	1
13C3-PFPeA	IS	73.3	50 - 150		B8I0157	28-Sep-18	0.120 L	02-Oct-18 18:42	1
13C3-PFBS	IS	105	50 - 150		B8I0157	28-Sep-18	0.120 L	02-Oct-18 18:42	1
13C2-PFHxA	IS	104	50 - 150		B8I0157	28-Sep-18	0.120 L	02-Oct-18 18:42	1
13C4-PFHpA	IS	117	50 - 150		B8I0157	28-Sep-18	0.120 L	02-Oct-18 18:42	1
18O2-PFHxS	IS	105	50 - 150		B8I0157	28-Sep-18	0.120 L	02-Oct-18 18:42	1
13C2-6:2 FTS	IS	103	50 - 150		B8I0157	28-Sep-18	0.120 L	02-Oct-18 18:42	1
13C2-PFOA	IS	98.0	50 - 150		B8I0157	28-Sep-18	0.120 L	02-Oct-18 18:42	1
13C5-PFNA	IS	95.0	50 - 150		B8I0157	28-Sep-18	0.120 L	02-Oct-18 18:42	1
13C8-PFOSA	IS	44.9	50 - 150	H	B8I0157	28-Sep-18	0.120 L	02-Oct-18 18:42	1
13C8-PFOS	IS	105	50 - 150		B8I0157	28-Sep-18	0.120 L	02-Oct-18 18:42	1
13C2-PFDA	IS	81.9	50 - 150		B8I0157	28-Sep-18	0.120 L	02-Oct-18 18:42	1

Sample ID: BP-FW-MW01-20180916
PFAS Isotope Dilution Method

Client Data				Laboratory Data			
Name:	Tetra Tech	Matrix:	Groundwater	Lab Sample:	1803087-03	Column:	BEH C18
Project:	Bethpage	Date Collected:	16-Sep-18 15:45	Date Received:	19-Sep-18 09:13		

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	8.77	2.94	5.34	8.58		B8I0157	28-Sep-18	0.117 L	02-Oct-18 18:53	1
PFPeA	2706-90-3	11.4	2.94	5.34	8.58		B8I0157	28-Sep-18	0.117 L	02-Oct-18 18:53	1
PFBS	375-73-5	ND	2.94	5.34	8.58	U	B8I0157	28-Sep-18	0.117 L	02-Oct-18 18:53	1
PFHxA	307-24-4	13.6	2.94	5.34	8.58		B8I0157	28-Sep-18	0.117 L	02-Oct-18 18:53	1
PFHpA	375-85-9	14.2	2.94	5.34	8.58		B8I0157	28-Sep-18	0.117 L	02-Oct-18 18:53	1
PFHxS	355-46-4	6.59	2.94	5.34	8.58	J	B8I0157	28-Sep-18	0.117 L	02-Oct-18 18:53	1
6:2 FTS	27619-97-2	ND	2.94	5.34	8.58	U	B8I0157	28-Sep-18	0.117 L	02-Oct-18 18:53	1
PFOA	335-67-1	47.0	2.94	5.34	8.58		B8I0157	28-Sep-18	0.117 L	02-Oct-18 18:53	1
PFHpS	375-92-8	ND	2.94	5.34	8.58	U	B8I0157	28-Sep-18	0.117 L	02-Oct-18 18:53	1
PFNA	375-95-1	ND	2.94	5.34	8.58	U	B8I0157	28-Sep-18	0.117 L	02-Oct-18 18:53	1
PFOSA	754-91-6	ND	2.94	5.34	8.58	U	B8I0157	28-Sep-18	0.117 L	02-Oct-18 18:53	1
PFOS	1763-23-1	44.8	2.94	5.34	8.58		B8I0157	28-Sep-18	0.117 L	02-Oct-18 18:53	1
PFDA	335-76-2	ND	2.94	5.34	8.58	U	B8I0157	28-Sep-18	0.117 L	02-Oct-18 18:53	1
8:2 FTS	39108-34-4	ND	2.94	5.34	8.58	U	B8I0157	28-Sep-18	0.117 L	02-Oct-18 18:53	1
MeFOSAA	2355-31-9	ND	2.94	5.34	8.58	U	B8I0157	28-Sep-18	0.117 L	02-Oct-18 18:53	1
EtFOSAA	2991-50-6	ND	2.94	5.34	8.58	U	B8I0157	28-Sep-18	0.117 L	02-Oct-18 18:53	1
PFUnA	2058-94-8	ND	2.94	5.34	8.58	U	B8I0157	28-Sep-18	0.117 L	02-Oct-18 18:53	1
PFDS	335-77-3	ND	2.94	5.34	8.58	U	B8I0157	28-Sep-18	0.117 L	02-Oct-18 18:53	1
PFDaA	307-55-1	ND	2.94	5.34	8.58	U	B8I0157	28-Sep-18	0.117 L	02-Oct-18 18:53	1
PFTTrDA	72629-94-8	ND	2.94	5.34	8.58	U	B8I0157	28-Sep-18	0.117 L	02-Oct-18 18:53	1
PFTeDA	376-06-7	ND	2.94	5.34	8.58	U	B8I0157	28-Sep-18	0.117 L	02-Oct-18 18:53	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	103	50 - 150		B8I0157	28-Sep-18	0.117 L	02-Oct-18 18:53	1
13C3-PFPeA	IS	91.2	50 - 150		B8I0157	28-Sep-18	0.117 L	02-Oct-18 18:53	1
13C3-PFBS	IS	102	50 - 150		B8I0157	28-Sep-18	0.117 L	02-Oct-18 18:53	1
13C2-PFHxA	IS	98.5	50 - 150		B8I0157	28-Sep-18	0.117 L	02-Oct-18 18:53	1
13C4-PFHpA	IS	103	50 - 150		B8I0157	28-Sep-18	0.117 L	02-Oct-18 18:53	1
18O2-PFHxS	IS	108	50 - 150		B8I0157	28-Sep-18	0.117 L	02-Oct-18 18:53	1
13C2-6:2 FTS	IS	96.9	50 - 150		B8I0157	28-Sep-18	0.117 L	02-Oct-18 18:53	1
13C2-PFOA	IS	98.5	50 - 150		B8I0157	28-Sep-18	0.117 L	02-Oct-18 18:53	1
13C5-PFNA	IS	81.7	50 - 150		B8I0157	28-Sep-18	0.117 L	02-Oct-18 18:53	1
13C8-PFOSA	IS	41.1	50 - 150	H	B8I0157	28-Sep-18	0.117 L	02-Oct-18 18:53	1
13C8-PFOS	IS	101	50 - 150		B8I0157	28-Sep-18	0.117 L	02-Oct-18 18:53	1
13C2-PFDA	IS	69.2	50 - 150		B8I0157	28-Sep-18	0.117 L	02-Oct-18 18:53	1

Sample ID: BPSI-TT-MW304S-20180917
PFAS Isotope Dilution Method

Client Data				Laboratory Data			
Name:	Tetra Tech	Matrix:	Groundwater	Lab Sample:	1803087-05	Column:	BEH C18
Project:	Bethpage	Date Collected:	17-Sep-18 10:00	Date Received:	19-Sep-18 09:13		

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	6.67	2.97	5.43	8.68	J	B8I0157	28-Sep-18	0.115 L	02-Oct-18 19:14	1
PFPeA	2706-90-3	8.96	2.97	5.43	8.68		B8I0157	28-Sep-18	0.115 L	02-Oct-18 19:14	1
PFBS	375-73-5	ND	2.97	5.43	8.68	U	B8I0157	28-Sep-18	0.115 L	02-Oct-18 19:14	1
PFHxA	307-24-4	12.8	2.97	5.43	8.68		B8I0157	28-Sep-18	0.115 L	02-Oct-18 19:14	1
PFHpA	375-85-9	11.0	2.97	5.43	8.68		B8I0157	28-Sep-18	0.115 L	02-Oct-18 19:14	1
PFHxS	355-46-4	3.53	2.97	5.43	8.68	J	B8I0157	28-Sep-18	0.115 L	02-Oct-18 19:14	1
6:2 FTS	27619-97-2	ND	2.97	5.43	8.68	U	B8I0157	28-Sep-18	0.115 L	02-Oct-18 19:14	1
PFOA	335-67-1	43.4	2.97	5.43	8.68		B8I0157	28-Sep-18	0.115 L	02-Oct-18 19:14	1
PFHpS	375-92-8	ND	2.97	5.43	8.68	U	B8I0157	28-Sep-18	0.115 L	02-Oct-18 19:14	1
PFNA	375-95-1	ND	2.97	5.43	8.68	U	B8I0157	28-Sep-18	0.115 L	02-Oct-18 19:14	1
PFOSA	754-91-6	ND	2.97	5.43	8.68	U	B8I0157	28-Sep-18	0.115 L	02-Oct-18 19:14	1
PFOS	1763-23-1	13.5	2.97	5.43	8.68	Q	B8I0157	28-Sep-18	0.115 L	02-Oct-18 19:14	1
PFDA	335-76-2	ND	2.97	5.43	8.68	U	B8I0157	28-Sep-18	0.115 L	02-Oct-18 19:14	1
8:2 FTS	39108-34-4	ND	2.97	5.43	8.68	U	B8I0157	28-Sep-18	0.115 L	02-Oct-18 19:14	1
MeFOSAA	2355-31-9	ND	2.97	5.43	8.68	U	B8I0157	28-Sep-18	0.115 L	02-Oct-18 19:14	1
EtFOSAA	2991-50-6	ND	2.97	5.43	8.68	U	B8I0157	28-Sep-18	0.115 L	02-Oct-18 19:14	1
PFUnA	2058-94-8	ND	2.97	5.43	8.68	U	B8I0157	28-Sep-18	0.115 L	02-Oct-18 19:14	1
PFDS	335-77-3	ND	2.97	5.43	8.68	U	B8I0157	28-Sep-18	0.115 L	02-Oct-18 19:14	1
PFDaA	307-55-1	ND	2.97	5.43	8.68	U	B8I0157	28-Sep-18	0.115 L	02-Oct-18 19:14	1
PFTTrDA	72629-94-8	ND	2.97	5.43	8.68	U	B8I0157	28-Sep-18	0.115 L	02-Oct-18 19:14	1
PFTeDA	376-06-7	ND	2.97	5.43	8.68	U	B8I0157	28-Sep-18	0.115 L	02-Oct-18 19:14	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	105	50 - 150		B8I0157	28-Sep-18	0.115 L	02-Oct-18 19:14	1
13C3-PFPeA	IS	99.7	50 - 150		B8I0157	28-Sep-18	0.115 L	02-Oct-18 19:14	1
13C3-PFBS	IS	104	50 - 150		B8I0157	28-Sep-18	0.115 L	02-Oct-18 19:14	1
13C2-PFHxA	IS	100	50 - 150		B8I0157	28-Sep-18	0.115 L	02-Oct-18 19:14	1
13C4-PFHpA	IS	103	50 - 150		B8I0157	28-Sep-18	0.115 L	02-Oct-18 19:14	1
18O2-PFHxS	IS	102	50 - 150		B8I0157	28-Sep-18	0.115 L	02-Oct-18 19:14	1
13C2-6:2 FTS	IS	93.4	50 - 150		B8I0157	28-Sep-18	0.115 L	02-Oct-18 19:14	1
13C2-PFOA	IS	102	50 - 150		B8I0157	28-Sep-18	0.115 L	02-Oct-18 19:14	1
13C5-PFNA	IS	90.7	50 - 150		B8I0157	28-Sep-18	0.115 L	02-Oct-18 19:14	1
13C8-PFOSA	IS	55.8	50 - 150		B8I0157	28-Sep-18	0.115 L	02-Oct-18 19:14	1
13C8-PFOS	IS	102	50 - 150		B8I0157	28-Sep-18	0.115 L	02-Oct-18 19:14	1
13C2-PFDA	IS	76.3	50 - 150		B8I0157	28-Sep-18	0.115 L	02-Oct-18 19:14	1

Sample ID: BPSI-TT-MW304D-20180917
PFAS Isotope Dilution Method

Client Data				Laboratory Data			
Name:	Tetra Tech	Matrix:	QC Water	Lab Sample:	1803087-06	Column:	BEH C18
Project:	Bethpage	Date Collected:	17-Sep-18 09:50	Date Received:	19-Sep-18 09:13		

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	3.02	2.83	5.17	8.27	J	B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:25	1
PFPeA	2706-90-3	4.87	2.83	5.17	8.27	J	B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:25	1
PFBS	375-73-5	ND	2.83	5.17	8.27	U	B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:25	1
PFHxA	307-24-4	4.05	2.83	5.17	8.27	J	B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:25	1
PFHpA	375-85-9	4.07	2.83	5.17	8.27	J	B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:25	1
PFHxS	355-46-4	ND	2.83	5.17	8.27	U	B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:25	1
6:2 FTS	27619-97-2	ND	2.83	5.17	8.27	U	B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:25	1
PFOA	335-67-1	9.62	2.83	5.17	8.27		B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:25	1
PFHpS	375-92-8	ND	2.83	5.17	8.27	U	B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:25	1
PFNA	375-95-1	ND	2.83	5.17	8.27	U	B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:25	1
PFOSA	754-91-6	ND	2.83	5.17	8.27	U	B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:25	1
PFOS	1763-23-1	3.88	2.83	5.17	8.27	J	B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:25	1
PFDA	335-76-2	3.89	2.83	5.17	8.27	J, Q	B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:25	1
8:2 FTS	39108-34-4	ND	2.83	5.17	8.27	U	B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:25	1
MeFOSAA	2355-31-9	ND	2.83	5.17	8.27	U	B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:25	1
EtFOSAA	2991-50-6	ND	2.83	5.17	8.27	U	B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:25	1
PFUnA	2058-94-8	ND	2.83	5.17	8.27	U	B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:25	1
PFDS	335-77-3	ND	2.83	5.17	8.27	U	B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:25	1
PFDaA	307-55-1	ND	2.83	5.17	8.27	U	B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:25	1
PFTTrDA	72629-94-8	ND	2.83	5.17	8.27	U	B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:25	1
PFTeDA	376-06-7	ND	2.83	5.17	8.27	U	B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:25	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	102	50 - 150		B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:25	1
13C3-PFPeA	IS	90.3	50 - 150		B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:25	1
13C3-PFBS	IS	97.8	50 - 150		B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:25	1
13C2-PFHxA	IS	93.6	50 - 150		B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:25	1
13C4-PFHpA	IS	101	50 - 150		B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:25	1
18O2-PFHxS	IS	103	50 - 150		B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:25	1
13C2-6:2 FTS	IS	93.9	50 - 150		B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:25	1
13C2-PFOA	IS	87.9	50 - 150		B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:25	1
13C5-PFNA	IS	82.0	50 - 150		B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:25	1
13C8-PFOSA	IS	46.3	50 - 150	H	B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:25	1
13C8-PFOS	IS	101	50 - 150		B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:25	1
13C2-PFDA	IS	69.0	50 - 150		B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:25	1

Sample ID: BPSI-TT-MW304I1-20180917
PFAS Isotope Dilution Method

Client Data				Laboratory Data			
Name:	Tetra Tech	Matrix:	Groundwater	Lab Sample:	1803087-07	Column:	BEH C18
Project:	Bethpage	Date Collected:	17-Sep-18 11:45	Date Received:	19-Sep-18 09:13		

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	4.27	2.82	5.17	8.24	J	B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:35	1
PFPeA	2706-90-3	3.27	2.82	5.17	8.24	J	B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:35	1
PFBS	375-73-5	ND	2.82	5.17	8.24	U	B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:35	1
PFHxA	307-24-4	3.04	2.82	5.17	8.24	J	B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:35	1
PFHpA	375-85-9	3.00	2.82	5.17	8.24	J	B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:35	1
PFHxS	355-46-4	ND	2.82	5.17	8.24	U	B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:35	1
6:2 FTS	27619-97-2	ND	2.82	5.17	8.24	U	B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:35	1
PFOA	335-67-1	6.52	2.82	5.17	8.24	J	B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:35	1
PFHpS	375-92-8	ND	2.82	5.17	8.24	U	B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:35	1
PFNA	375-95-1	3.57	2.82	5.17	8.24	J	B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:35	1
PFOSA	754-91-6	ND	2.82	5.17	8.24	U	B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:35	1
PFOS	1763-23-1	6.36	2.82	5.17	8.24	J, Q	B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:35	1
PFDA	335-76-2	ND	2.82	5.17	8.24	U	B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:35	1
8:2 FTS	39108-34-4	ND	2.82	5.17	8.24	U	B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:35	1
MeFOSAA	2355-31-9	ND	2.82	5.17	8.24	U	B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:35	1
EtFOSAA	2991-50-6	ND	2.82	5.17	8.24	U	B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:35	1
PFUnA	2058-94-8	ND	2.82	5.17	8.24	U	B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:35	1
PFDS	335-77-3	ND	2.82	5.17	8.24	U	B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:35	1
PFDaA	307-55-1	ND	2.82	5.17	8.24	U	B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:35	1
PFTTrDA	72629-94-8	ND	2.82	5.17	8.24	U	B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:35	1
PFTeDA	376-06-7	ND	2.82	5.17	8.24	U	B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:35	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	94.7	50 - 150		B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:35	1
13C3-PFPeA	IS	88.0	50 - 150		B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:35	1
13C3-PFBS	IS	91.2	50 - 150		B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:35	1
13C2-PFHxA	IS	88.5	50 - 150		B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:35	1
13C4-PFHpA	IS	88.7	50 - 150		B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:35	1
18O2-PFHxS	IS	94.1	50 - 150		B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:35	1
13C2-6:2 FTS	IS	85.6	50 - 150		B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:35	1
13C2-PFOA	IS	87.9	50 - 150		B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:35	1
13C5-PFNA	IS	75.7	50 - 150		B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:35	1
13C8-PFOSA	IS	56.1	50 - 150		B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:35	1
13C8-PFOS	IS	92.8	50 - 150		B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:35	1
13C2-PFDA	IS	68.2	50 - 150		B8I0157	28-Sep-18	0.121 L	02-Oct-18 19:35	1

Sample ID: BP-DUP04-20180916
PFAS Isotope Dilution Method

Client Data				Laboratory Data			
Name:	Tetra Tech	Matrix:	Groundwater	Lab Sample:	1803087-09	Column:	BEH C18
Project:	Bethpage	Date Collected:	16-Sep-18 12:00	Date Received:	19-Sep-18 09:13		

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	9.73	2.95	5.39	8.60		B8I0157	28-Sep-18	0.116 L	02-Oct-18 20:28	1
PFPeA	2706-90-3	9.84	2.95	5.39	8.60		B8I0157	28-Sep-18	0.116 L	02-Oct-18 20:28	1
PFBS	375-73-5	ND	2.95	5.39	8.60	U	B8I0157	28-Sep-18	0.116 L	02-Oct-18 20:28	1
PFHxA	307-24-4	13.5	2.95	5.39	8.60		B8I0157	28-Sep-18	0.116 L	02-Oct-18 20:28	1
PFHpA	375-85-9	14.3	2.95	5.39	8.60	Q	B8I0157	28-Sep-18	0.116 L	02-Oct-18 20:28	1
PFHxS	355-46-4	5.13	2.95	5.39	8.60	J, Q	B8I0157	28-Sep-18	0.116 L	02-Oct-18 20:28	1
6:2 FTS	27619-97-2	ND	2.95	5.39	8.60	U	B8I0157	28-Sep-18	0.116 L	02-Oct-18 20:28	1
PFOA	335-67-1	48.1	2.95	5.39	8.60		B8I0157	28-Sep-18	0.116 L	02-Oct-18 20:28	1
PFHpS	375-92-8	ND	2.95	5.39	8.60	U	B8I0157	28-Sep-18	0.116 L	02-Oct-18 20:28	1
PFNA	375-95-1	ND	2.95	5.39	8.60	U	B8I0157	28-Sep-18	0.116 L	02-Oct-18 20:28	1
PFOSA	754-91-6	ND	2.95	5.39	8.60	U	B8I0157	28-Sep-18	0.116 L	02-Oct-18 20:28	1
PFOS	1763-23-1	48.2	2.95	5.39	8.60		B8I0157	28-Sep-18	0.116 L	02-Oct-18 20:28	1
PFDA	335-76-2	ND	2.95	5.39	8.60	U	B8I0157	28-Sep-18	0.116 L	02-Oct-18 20:28	1
8:2 FTS	39108-34-4	ND	2.95	5.39	8.60	U	B8I0157	28-Sep-18	0.116 L	02-Oct-18 20:28	1
MeFOSAA	2355-31-9	ND	2.95	5.39	8.60	U	B8I0157	28-Sep-18	0.116 L	02-Oct-18 20:28	1
EtFOSAA	2991-50-6	ND	2.95	5.39	8.60	U	B8I0157	28-Sep-18	0.116 L	02-Oct-18 20:28	1
PFUnA	2058-94-8	ND	2.95	5.39	8.60	U	B8I0157	28-Sep-18	0.116 L	02-Oct-18 20:28	1
PFDS	335-77-3	ND	2.95	5.39	8.60	U	B8I0157	28-Sep-18	0.116 L	02-Oct-18 20:28	1
PFDaA	307-55-1	ND	2.95	5.39	8.60	U	B8I0157	28-Sep-18	0.116 L	02-Oct-18 20:28	1
PFTTrDA	72629-94-8	ND	2.95	5.39	8.60	U	B8I0157	28-Sep-18	0.116 L	02-Oct-18 20:28	1
PFTeDA	376-06-7	ND	2.95	5.39	8.60	U	B8I0157	28-Sep-18	0.116 L	02-Oct-18 20:28	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	99.6	50 - 150		B8I0157	28-Sep-18	0.116 L	02-Oct-18 20:28	1
13C3-PFPeA	IS	96.3	50 - 150		B8I0157	28-Sep-18	0.116 L	02-Oct-18 20:28	1
13C3-PFBS	IS	102	50 - 150		B8I0157	28-Sep-18	0.116 L	02-Oct-18 20:28	1
13C2-PFHxA	IS	97.0	50 - 150		B8I0157	28-Sep-18	0.116 L	02-Oct-18 20:28	1
13C4-PFHpA	IS	102	50 - 150		B8I0157	28-Sep-18	0.116 L	02-Oct-18 20:28	1
18O2-PFHxS	IS	109	50 - 150		B8I0157	28-Sep-18	0.116 L	02-Oct-18 20:28	1
13C2-6:2 FTS	IS	94.4	50 - 150		B8I0157	28-Sep-18	0.116 L	02-Oct-18 20:28	1
13C2-PFOA	IS	94.1	50 - 150		B8I0157	28-Sep-18	0.116 L	02-Oct-18 20:28	1
13C5-PFNA	IS	95.8	50 - 150		B8I0157	28-Sep-18	0.116 L	02-Oct-18 20:28	1
13C8-PFOSA	IS	64.1	50 - 150		B8I0157	28-Sep-18	0.116 L	02-Oct-18 20:28	1
13C8-PFOS	IS	101	50 - 150		B8I0157	28-Sep-18	0.116 L	02-Oct-18 20:28	1
13C2-PFDA	IS	79.8	50 - 150		B8I0157	28-Sep-18	0.116 L	02-Oct-18 20:28	1

Sample ID: BP-TT-SW4002-20180915
PFAS Isotope Dilution Method

Client Data				Laboratory Data			
Name:	Tetra Tech	Matrix:	Groundwater	Lab Sample:	1803087-10	Column:	BEH C18
Project:	Bethpage	Date Collected:	15-Sep-18 08:30	Date Received:	19-Sep-18 09:13		

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	12.9	2.94	5.34	8.58		B8I0157	28-Sep-18	0.117 L	02-Oct-18 20:39	1
PFPeA	2706-90-3	29.9	2.94	5.34	8.58		B8I0157	28-Sep-18	0.117 L	02-Oct-18 20:39	1
PFBS	375-73-5	ND	2.94	5.34	8.58	U	B8I0157	28-Sep-18	0.117 L	02-Oct-18 20:39	1
PFHxA	307-24-4	21.0	2.94	5.34	8.58		B8I0157	28-Sep-18	0.117 L	02-Oct-18 20:39	1
PFHpA	375-85-9	14.1	2.94	5.34	8.58		B8I0157	28-Sep-18	0.117 L	02-Oct-18 20:39	1
PFHxS	355-46-4	3.79	2.94	5.34	8.58	J, Q	B8I0157	28-Sep-18	0.117 L	02-Oct-18 20:39	1
6:2 FTS	27619-97-2	7.04	2.94	5.34	8.58	J	B8I0157	28-Sep-18	0.117 L	02-Oct-18 20:39	1
PFOA	335-67-1	16.6	2.94	5.34	8.58		B8I0157	28-Sep-18	0.117 L	02-Oct-18 20:39	1
PFHpS	375-92-8	ND	2.94	5.34	8.58	U	B8I0157	28-Sep-18	0.117 L	02-Oct-18 20:39	1
PFNA	375-95-1	6.38	2.94	5.34	8.58	J, Q	B8I0157	28-Sep-18	0.117 L	02-Oct-18 20:39	1
PFOSA	754-91-6	ND	2.94	5.34	8.58	U	B8I0157	28-Sep-18	0.117 L	02-Oct-18 20:39	1
PFOS	1763-23-1	9.90	2.94	5.34	8.58		B8I0157	28-Sep-18	0.117 L	02-Oct-18 20:39	1
PFDA	335-76-2	ND	2.94	5.34	8.58	U	B8I0157	28-Sep-18	0.117 L	02-Oct-18 20:39	1
8:2 FTS	39108-34-4	3.79	2.94	5.34	8.58	J, Q	B8I0157	28-Sep-18	0.117 L	02-Oct-18 20:39	1
MeFOSAA	2355-31-9	ND	2.94	5.34	8.58	U	B8I0157	28-Sep-18	0.117 L	02-Oct-18 20:39	1
EtFOSAA	2991-50-6	ND	2.94	5.34	8.58	U	B8I0157	28-Sep-18	0.117 L	02-Oct-18 20:39	1
PFUnA	2058-94-8	ND	2.94	5.34	8.58	U	B8I0157	28-Sep-18	0.117 L	02-Oct-18 20:39	1
PFDS	335-77-3	ND	2.94	5.34	8.58	U	B8I0157	28-Sep-18	0.117 L	02-Oct-18 20:39	1
PFDaA	307-55-1	ND	2.94	5.34	8.58	U	B8I0157	28-Sep-18	0.117 L	02-Oct-18 20:39	1
PFTTrDA	72629-94-8	ND	2.94	5.34	8.58	U	B8I0157	28-Sep-18	0.117 L	02-Oct-18 20:39	1
PFTeDA	376-06-7	ND	2.94	5.34	8.58	U	B8I0157	28-Sep-18	0.117 L	02-Oct-18 20:39	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	99.7	50 - 150		B8I0157	28-Sep-18	0.117 L	02-Oct-18 20:39	1
13C3-PFPeA	IS	95.5	50 - 150		B8I0157	28-Sep-18	0.117 L	02-Oct-18 20:39	1
13C3-PFBS	IS	99.2	50 - 150		B8I0157	28-Sep-18	0.117 L	02-Oct-18 20:39	1
13C2-PFHxA	IS	95.9	50 - 150		B8I0157	28-Sep-18	0.117 L	02-Oct-18 20:39	1
13C4-PFHpA	IS	93.3	50 - 150		B8I0157	28-Sep-18	0.117 L	02-Oct-18 20:39	1
18O2-PFHxS	IS	104	50 - 150		B8I0157	28-Sep-18	0.117 L	02-Oct-18 20:39	1
13C2-6:2 FTS	IS	101	50 - 150		B8I0157	28-Sep-18	0.117 L	02-Oct-18 20:39	1
13C2-PFOA	IS	95.7	50 - 150		B8I0157	28-Sep-18	0.117 L	02-Oct-18 20:39	1
13C5-PFNA	IS	78.9	50 - 150		B8I0157	28-Sep-18	0.117 L	02-Oct-18 20:39	1
13C8-PFOSA	IS	59.8	50 - 150		B8I0157	28-Sep-18	0.117 L	02-Oct-18 20:39	1
13C8-PFOS	IS	99.4	50 - 150		B8I0157	28-Sep-18	0.117 L	02-Oct-18 20:39	1
13C2-PFDA	IS	73.1	50 - 150		B8I0157	28-Sep-18	0.117 L	02-Oct-18 20:39	1

Sample ID: BPS1-TT-MW309D-20180915
PFAS Isotope Dilution Method

Client Data				Laboratory Data			
Name:	Tetra Tech	Matrix:	Groundwater	Lab Sample:	1803087-11	Column:	BEH C18
Project:	Bethpage	Date Collected:	15-Sep-18 12:25	Date Received:	19-Sep-18 09:13		

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	7.87	2.87	5.25	8.39	J	B8I0157	28-Sep-18	0.119 L	02-Oct-18 20:49	1
PFPeA	2706-90-3	7.32	2.87	5.25	8.39	J	B8I0157	28-Sep-18	0.119 L	02-Oct-18 20:49	1
PFBS	375-73-5	ND	2.87	5.25	8.39	U	B8I0157	28-Sep-18	0.119 L	02-Oct-18 20:49	1
PFHxA	307-24-4	7.11	2.87	5.25	8.39	J	B8I0157	28-Sep-18	0.119 L	02-Oct-18 20:49	1
PFHpA	375-85-9	4.56	2.87	5.25	8.39	J	B8I0157	28-Sep-18	0.119 L	02-Oct-18 20:49	1
PFHxS	355-46-4	ND	2.87	5.25	8.39	U	B8I0157	28-Sep-18	0.119 L	02-Oct-18 20:49	1
6:2 FTS	27619-97-2	ND	2.87	5.25	8.39	U	B8I0157	28-Sep-18	0.119 L	02-Oct-18 20:49	1
PFOA	335-67-1	11.5	2.87	5.25	8.39		B8I0157	28-Sep-18	0.119 L	02-Oct-18 20:49	1
PFHpS	375-92-8	ND	2.87	5.25	8.39	U	B8I0157	28-Sep-18	0.119 L	02-Oct-18 20:49	1
PFNA	375-95-1	3.46	2.87	5.25	8.39	J	B8I0157	28-Sep-18	0.119 L	02-Oct-18 20:49	1
PFOSA	754-91-6	ND	2.87	5.25	8.39	U	B8I0157	28-Sep-18	0.119 L	02-Oct-18 20:49	1
PFOS	1763-23-1	15.4	2.87	5.25	8.39	Q	B8I0157	28-Sep-18	0.119 L	02-Oct-18 20:49	1
PFDA	335-76-2	3.57	2.87	5.25	8.39	J	B8I0157	28-Sep-18	0.119 L	02-Oct-18 20:49	1
8:2 FTS	39108-34-4	ND	2.87	5.25	8.39	U	B8I0157	28-Sep-18	0.119 L	02-Oct-18 20:49	1
MeFOSAA	2355-31-9	ND	2.87	5.25	8.39	U	B8I0157	28-Sep-18	0.119 L	02-Oct-18 20:49	1
EtFOSAA	2991-50-6	ND	2.87	5.25	8.39	U	B8I0157	28-Sep-18	0.119 L	02-Oct-18 20:49	1
PFUnA	2058-94-8	ND	2.87	5.25	8.39	U	B8I0157	28-Sep-18	0.119 L	02-Oct-18 20:49	1
PFDS	335-77-3	ND	2.87	5.25	8.39	U	B8I0157	28-Sep-18	0.119 L	02-Oct-18 20:49	1
PFDaA	307-55-1	ND	2.87	5.25	8.39	U	B8I0157	28-Sep-18	0.119 L	02-Oct-18 20:49	1
PFTTrDA	72629-94-8	ND	2.87	5.25	8.39	U	B8I0157	28-Sep-18	0.119 L	02-Oct-18 20:49	1
PFTeDA	376-06-7	ND	2.87	5.25	8.39	U	B8I0157	28-Sep-18	0.119 L	02-Oct-18 20:49	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	102	50 - 150		B8I0157	28-Sep-18	0.119 L	02-Oct-18 20:49	1
13C3-PFPeA	IS	94.0	50 - 150		B8I0157	28-Sep-18	0.119 L	02-Oct-18 20:49	1
13C3-PFBS	IS	102	50 - 150		B8I0157	28-Sep-18	0.119 L	02-Oct-18 20:49	1
13C2-PFHxA	IS	93.1	50 - 150		B8I0157	28-Sep-18	0.119 L	02-Oct-18 20:49	1
13C4-PFHpA	IS	97.2	50 - 150		B8I0157	28-Sep-18	0.119 L	02-Oct-18 20:49	1
18O2-PFHxS	IS	105	50 - 150		B8I0157	28-Sep-18	0.119 L	02-Oct-18 20:49	1
13C2-6:2 FTS	IS	92.2	50 - 150		B8I0157	28-Sep-18	0.119 L	02-Oct-18 20:49	1
13C2-PFOA	IS	97.2	50 - 150		B8I0157	28-Sep-18	0.119 L	02-Oct-18 20:49	1
13C5-PFNA	IS	82.8	50 - 150		B8I0157	28-Sep-18	0.119 L	02-Oct-18 20:49	1
13C8-PFOSA	IS	59.9	50 - 150		B8I0157	28-Sep-18	0.119 L	02-Oct-18 20:49	1
13C8-PFOS	IS	96.3	50 - 150		B8I0157	28-Sep-18	0.119 L	02-Oct-18 20:49	1
13C2-PFDA	IS	74.2	50 - 150		B8I0157	28-Sep-18	0.119 L	02-Oct-18 20:49	1

Sample ID: BP-HN-MW29IR-20180916
PFAS Isotope Dilution Method

Client Data				Laboratory Data			
Name:	Tetra Tech	Matrix:	Groundwater	Lab Sample:	1803087-13	Column:	BEH C18
Project:	Bethpage	Date Collected:	16-Sep-18 13:10	Date Received:	19-Sep-18 09:13		

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	2.94	5.39	8.59	U	B8I0157	28-Sep-18	0.116 L	02-Oct-18 21:11	1
PFPeA	2706-90-3	4.21	2.94	5.39	8.59	J	B8I0157	28-Sep-18	0.116 L	02-Oct-18 21:11	1
PFBS	375-73-5	ND	2.94	5.39	8.59	U	B8I0157	28-Sep-18	0.116 L	02-Oct-18 21:11	1
PFHxA	307-24-4	3.01	2.94	5.39	8.59	J	B8I0157	28-Sep-18	0.116 L	02-Oct-18 21:11	1
PFHpA	375-85-9	3.12	2.94	5.39	8.59	J, Q	B8I0157	28-Sep-18	0.116 L	02-Oct-18 21:11	1
PFHxS	355-46-4	ND	2.94	5.39	8.59	U	B8I0157	28-Sep-18	0.116 L	02-Oct-18 21:11	1
6:2 FTS	27619-97-2	ND	2.94	5.39	8.59	U	B8I0157	28-Sep-18	0.116 L	02-Oct-18 21:11	1
PFOA	335-67-1	5.78	2.94	5.39	8.59	J	B8I0157	28-Sep-18	0.116 L	02-Oct-18 21:11	1
PFHpS	375-92-8	ND	2.94	5.39	8.59	U	B8I0157	28-Sep-18	0.116 L	02-Oct-18 21:11	1
PFNA	375-95-1	ND	2.94	5.39	8.59	U	B8I0157	28-Sep-18	0.116 L	02-Oct-18 21:11	1
PFOSA	754-91-6	ND	2.94	5.39	8.59	U	B8I0157	28-Sep-18	0.116 L	02-Oct-18 21:11	1
PFOS	1763-23-1	3.61	2.94	5.39	8.59	J, Q	B8I0157	28-Sep-18	0.116 L	02-Oct-18 21:11	1
PFDA	335-76-2	3.40	2.94	5.39	8.59	J	B8I0157	28-Sep-18	0.116 L	02-Oct-18 21:11	1
8:2 FTS	39108-34-4	ND	2.94	5.39	8.59	U	B8I0157	28-Sep-18	0.116 L	02-Oct-18 21:11	1
MeFOSAA	2355-31-9	ND	2.94	5.39	8.59	U	B8I0157	28-Sep-18	0.116 L	02-Oct-18 21:11	1
EtFOSAA	2991-50-6	ND	2.94	5.39	8.59	U	B8I0157	28-Sep-18	0.116 L	02-Oct-18 21:11	1
PFUnA	2058-94-8	ND	2.94	5.39	8.59	U	B8I0157	28-Sep-18	0.116 L	02-Oct-18 21:11	1
PFDS	335-77-3	ND	2.94	5.39	8.59	U	B8I0157	28-Sep-18	0.116 L	02-Oct-18 21:11	1
PFDaA	307-55-1	ND	2.94	5.39	8.59	U	B8I0157	28-Sep-18	0.116 L	02-Oct-18 21:11	1
PFTTrDA	72629-94-8	ND	2.94	5.39	8.59	U	B8I0157	28-Sep-18	0.116 L	02-Oct-18 21:11	1
PFTeDA	376-06-7	ND	2.94	5.39	8.59	U	B8I0157	28-Sep-18	0.116 L	02-Oct-18 21:11	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	98.6	50 - 150		B8I0157	28-Sep-18	0.116 L	02-Oct-18 21:11	1
13C3-PFPeA	IS	93.2	50 - 150		B8I0157	28-Sep-18	0.116 L	02-Oct-18 21:11	1
13C3-PFBS	IS	99.3	50 - 150		B8I0157	28-Sep-18	0.116 L	02-Oct-18 21:11	1
13C2-PFHxA	IS	93.9	50 - 150		B8I0157	28-Sep-18	0.116 L	02-Oct-18 21:11	1
13C4-PFHpA	IS	97.5	50 - 150		B8I0157	28-Sep-18	0.116 L	02-Oct-18 21:11	1
18O2-PFHxS	IS	108	50 - 150		B8I0157	28-Sep-18	0.116 L	02-Oct-18 21:11	1
13C2-6:2 FTS	IS	89.2	50 - 150		B8I0157	28-Sep-18	0.116 L	02-Oct-18 21:11	1
13C2-PFOA	IS	96.9	50 - 150		B8I0157	28-Sep-18	0.116 L	02-Oct-18 21:11	1
13C5-PFNA	IS	79.3	50 - 150		B8I0157	28-Sep-18	0.116 L	02-Oct-18 21:11	1
13C8-PFOSA	IS	64.4	50 - 150		B8I0157	28-Sep-18	0.116 L	02-Oct-18 21:11	1
13C8-PFOS	IS	96.8	50 - 150		B8I0157	28-Sep-18	0.116 L	02-Oct-18 21:11	1
13C2-PFDA	IS	73.7	50 - 150		B8I0157	28-Sep-18	0.116 L	02-Oct-18 21:11	1

Sample ID: BP-HN-MW29D-20180916
PFAS Isotope Dilution Method

Client Data				Laboratory Data			
Name:	Tetra Tech	Matrix:	Groundwater	Lab Sample:	1803087-14	Column:	BEH C18
Project:	Bethpage	Date Collected:	16-Sep-18 12:25	Date Received:	19-Sep-18 09:13		

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	13.4	2.69	4.92	7.86		B8I0157	28-Sep-18	0.127 L	02-Oct-18 21:21	1
PFPeA	2706-90-3	22.6	2.69	4.92	7.86		B8I0157	28-Sep-18	0.127 L	02-Oct-18 21:21	1
PFBS	375-73-5	ND	2.69	4.92	7.86	U	B8I0157	28-Sep-18	0.127 L	02-Oct-18 21:21	1
PFHxA	307-24-4	14.5	2.69	4.92	7.86		B8I0157	28-Sep-18	0.127 L	02-Oct-18 21:21	1
PFHpA	375-85-9	9.10	2.69	4.92	7.86		B8I0157	28-Sep-18	0.127 L	02-Oct-18 21:21	1
PFHxS	355-46-4	ND	2.69	4.92	7.86	U	B8I0157	28-Sep-18	0.127 L	02-Oct-18 21:21	1
6:2 FTS	27619-97-2	ND	2.69	4.92	7.86	U	B8I0157	28-Sep-18	0.127 L	02-Oct-18 21:21	1
PFOA	335-67-1	12.6	2.69	4.92	7.86		B8I0157	28-Sep-18	0.127 L	02-Oct-18 21:21	1
PFHpS	375-92-8	ND	2.69	4.92	7.86	U	B8I0157	28-Sep-18	0.127 L	02-Oct-18 21:21	1
PFNA	375-95-1	2.75	2.69	4.92	7.86	J	B8I0157	28-Sep-18	0.127 L	02-Oct-18 21:21	1
PFOSA	754-91-6	ND	2.69	4.92	7.86	U	B8I0157	28-Sep-18	0.127 L	02-Oct-18 21:21	1
PFOS	1763-23-1	5.89	2.69	4.92	7.86	J, Q	B8I0157	28-Sep-18	0.127 L	02-Oct-18 21:21	1
PFDA	335-76-2	ND	2.69	4.92	7.86	U	B8I0157	28-Sep-18	0.127 L	02-Oct-18 21:21	1
8:2 FTS	39108-34-4	ND	2.69	4.92	7.86	U	B8I0157	28-Sep-18	0.127 L	02-Oct-18 21:21	1
MeFOSAA	2355-31-9	ND	2.69	4.92	7.86	U	B8I0157	28-Sep-18	0.127 L	02-Oct-18 21:21	1
EtFOSAA	2991-50-6	ND	2.69	4.92	7.86	U	B8I0157	28-Sep-18	0.127 L	02-Oct-18 21:21	1
PFUnA	2058-94-8	ND	2.69	4.92	7.86	U	B8I0157	28-Sep-18	0.127 L	02-Oct-18 21:21	1
PFDS	335-77-3	ND	2.69	4.92	7.86	U	B8I0157	28-Sep-18	0.127 L	02-Oct-18 21:21	1
PFDaA	307-55-1	ND	2.69	4.92	7.86	U	B8I0157	28-Sep-18	0.127 L	02-Oct-18 21:21	1
PFTTrDA	72629-94-8	ND	2.69	4.92	7.86	U	B8I0157	28-Sep-18	0.127 L	02-Oct-18 21:21	1
PFTeDA	376-06-7	ND	2.69	4.92	7.86	U	B8I0157	28-Sep-18	0.127 L	02-Oct-18 21:21	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	97.4	50 - 150		B8I0157	28-Sep-18	0.127 L	02-Oct-18 21:21	1
13C3-PFPeA	IS	91.7	50 - 150		B8I0157	28-Sep-18	0.127 L	02-Oct-18 21:21	1
13C3-PFBS	IS	98.1	50 - 150		B8I0157	28-Sep-18	0.127 L	02-Oct-18 21:21	1
13C2-PFHxA	IS	92.2	50 - 150		B8I0157	28-Sep-18	0.127 L	02-Oct-18 21:21	1
13C4-PFHpA	IS	95.1	50 - 150		B8I0157	28-Sep-18	0.127 L	02-Oct-18 21:21	1
18O2-PFHxS	IS	101	50 - 150		B8I0157	28-Sep-18	0.127 L	02-Oct-18 21:21	1
13C2-6:2 FTS	IS	91.6	50 - 150		B8I0157	28-Sep-18	0.127 L	02-Oct-18 21:21	1
13C2-PFOA	IS	89.0	50 - 150		B8I0157	28-Sep-18	0.127 L	02-Oct-18 21:21	1
13C5-PFNA	IS	77.7	50 - 150		B8I0157	28-Sep-18	0.127 L	02-Oct-18 21:21	1
13C8-PFOSA	IS	56.0	50 - 150		B8I0157	28-Sep-18	0.127 L	02-Oct-18 21:21	1
13C8-PFOS	IS	98.7	50 - 150		B8I0157	28-Sep-18	0.127 L	02-Oct-18 21:21	1
13C2-PFDA	IS	69.9	50 - 150		B8I0157	28-Sep-18	0.127 L	02-Oct-18 21:21	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

1803087 0.4°C, 0.0°C



Vista Analytical Laboratory

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 2	
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:	
Project Name: Bethpage		☐ 2 weeks						Lab Sampling:	
Site:		☐ 1 week						Job / SDG No.:	
P O #		☐ 2 days							
☐ 1 day									
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Performs MS/MSD (Y/N)	PFAS (NYSDEC 21-Compound List) EPA 537 Modified
BPSI-TT-MW308D-20180914	9/14/2018	10:10	G	GW	6	N	Y	X	
BPSI-HN-MW24S-20180914	9/14/2018	10:25	G	GW	2	N	N	X	
BPSI-HN-MW24IR-20180914	9/14/2018	12:20	G	GW	2	N	N	X	
BP-DUP02-20180914	9/14/2018	12:00	G	QC	2	N	N	X	
BPSI-TT-MW306I-20180914	9/14/2018	10:10	G	GW	2	N	N	X	
BPSI-TT-MW306S-20180914	9/14/2018	13:00	G	GW	2	N	N	X	
BP-TT-FRB04-20180914	9/14/2018	11:00	G	QC	2	N	N	X	
BP-FB01-20180913	9/13/2018	16:00	G	QC	2	N	N	X	
BP-TT-EB02-20180914	9/14/2018	15:00	G	QC	2	N	N	X	
BP-TT-AOC22-MW04-20180914	9/14/2018	15:45	G	GW	2	N	N	X	
BPSI-TT-MW308I-20180915	9/15/2018	9:55	G	GW	2	N	N	X	
BP-AOC22-MW03-20180915	9/15/2018	9:35	G	GW	2	N	N	X	
BPSI-TT-MW309S-20180915	9/15/2018	11:35	G	GW	2	N	N	X	
BP-TT-AOC22-MW10-20180915	9/15/2018	12:40	G	GW	2	N	N	X	
BP-MH-SW4001-SOUTH-20180915	9/15/2018	10:40	G	GW	2	N	N	X	
BP-DUP03-20180915	9/15/2018	12:00	G	GW	2	N	N	X	
BP-TT-SW4002-20180915	9/15/2018	8:30	G	GW	6	N	Y	X	
BPSI-TT-MW309D-20180915	9/15/2018	12:25	G	GW	2	N	N	X	
BPSI-TT-MW309I-20180915	9/15/2018	14:05	G	GW	2	N	N	X	
BP-TT-FRB05-20180915	9/15/2018	13:00	G	QC	2	N	N	X	
BP-TT-FRB06-20180916	9/16/2018	13:40	G	QC	2	N	N	X	
BPSI-HN-MW29IR-20180916	9/16/2018	13:10	G	GW	2	N	N	X	
BPSI-HN-MW29D-20180916	9/16/2018	12:25	G	GW	2	N	N	X	
BP-FW-MW03-20180916	9/16/2018	12:50	G	GW	2	N	N	X	
BP-FW-MW02-20180916	9/16/2018	15:45	G	GW	2	N	N	X	
BP-FW-MW01-20180916	9/16/2018	15:45	G	GW	2	N	N	X	
Total # Containers (Page 1 of 2)		60							
Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= HNO3, 5= NaOH, 6= Other: Tenzma									
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-Hazardous ☐ Flammable ☐ Corrosive ☐ Poisonous ☐ Unknown									
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return to Client ☐ Dispose by Lab ☐ Archive for _____ Months									
Fed Ex Tracking: 7732 5712 1103 * WD 1803086 DWD 1803087 * WD 1803088									
Custody Seals Intact: ☐ Yes ☐ No		Custody Seal No.: 5118718 35116		Copoly Temp. (°C): Obs'd: _____		Con'd: _____		Therm ID No.: _____	
Relinquished by: _____		Company: Tetra Tech		Date/Time: 9/19/18 10:00		Received by: _____		Date/Time: 9/19/18 0924	
Relinquished by: _____		Company: _____		Date/Time: _____		Received by: _____		Date/Time: _____	
Relinquished by: _____		Company: _____		Date/Time: _____		Received by: _____		Date/Time: _____	

C:\All_Projects\112308005\WE13\FI\FSCOCs\COCC Vista 20180914-15-16-17.xls

Vista Analytical Laboratory

EXACT COPY OF THE ORIGINAL
INIT WLS 09 / 19 / 18

Appendix C

Support Documents

C. Calculations for Stage 4

PFAS Calculations for SDG 1803087

INITIAL CALIBRATION

$$RF = \frac{Ac}{Ais} \times \frac{Cis}{Cc}$$

Ac = **PFBA**

Ais = **13C3-PFBA**

Level	Ac	Ais	Conc. Is	Conc. C	RRF _{calc}
1	164.856	6388.046	12.5	0.250	1.2903
2	247.836	6452.275	12.5	0.500	0.9603
3	637.571	6448.089	12.5	1.000	1.2360
4	1192.971	6576.23	12.5	2.000	1.1338
5	2839.738	6362.222	12.5	5.000	1.1159
6	5899.867	6269.397	12.5	10.000	1.1763
7	29394.986	6472.161	12.5	50.000	1.1354
8	58012.363	6508.763	12.5	100.000	1.1141
9	152202.875	6159.557	12.5	250.000	1.2355
10	306536.375	6359.982	12.5	500.000	1.2049
				AVG RRF =	1.1603

SAMPLE QUANTITATION

Sample ID: **BP-FW-MW03-20180916**

Laboratory ID: **1803087-1**

Compound: **PFBA**

AREA c	AREA istd	CONC istd	Avg RF	Vo	Vs	DL
345	7510	12.5	1.1603	1	0.118	1

Calculated Conc	Reported Conc	%D	istd %R
4.44	4.41	0.70	106.0

DDDCMD_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	1803087	SITE 00001	SITE 00001	BP-TT-SW4002	Surface water body - nonspecific	1125242.847	215038.8825	N6247016D9008	WE13	TETRA TECH NUS, INC.	BP-TT-SW4002-20180915	Ground water	Normal (Regular)	15-Sep-18	537_MOD	Perfluoroalkyl Compounds
MID_ATLANTIC	BETHPAGE_NWIRP	1803087	SITE 00001	SITE 00001	BPHNMMW29D	Monitoring well	1124704.902	213933.694	N6247016D9008	WE13	TETRA TECH NUS, INC.	BP-HN-MW29D-20180916	Ground water	Normal (Regular)	16-Sep-18	537_MOD	Perfluoroalkyl Compounds
MID_ATLANTIC	BETHPAGE_NWIRP	1803087	SITE 00001	SITE 00001	BPHNMMW29I	Monitoring well	1124698.062	213999.3849	N6247016D9008	WE13	TETRA TECH NUS, INC.	BP-HN-MW29IR-20180916	Ground water	Normal (Regular)	16-Sep-18	537_MOD	Perfluoroalkyl Compounds
MID_ATLANTIC	BETHPAGE_NWIRP	1803087	SITE 00001	SITE 00001	BPS1-TT-MW304D	Monitoring well	1124994.753	213692.271	N6247016D9008	WE13	TETRA TECH NUS, INC.	BPS1-TT-MW304D-20180917	Ground water	Normal (Regular)	17-Sep-18	537_MOD	Perfluoroalkyl Compounds
MID_ATLANTIC	BETHPAGE_NWIRP	1803087	SITE 00001	SITE 00001	BPS1-TT-MW304I1	Monitoring well	1124995.715	213717.1	N6247016D9008	WE13	TETRA TECH NUS, INC.	BPS1-TT-MW304I1-20180917	Ground water	Normal (Regular)	17-Sep-18	537_MOD	Perfluoroalkyl Compounds
MID_ATLANTIC	BETHPAGE_NWIRP	1803087	SITE 00001	SITE 00001	BPS1-TT-MW304I2	Monitoring well	1124989.868	213705.436	N6247016D9008	WE13	TETRA TECH NUS, INC.	BPS1-TT-MW304I2-20180917	Ground water	Normal (Regular)	17-Sep-18	537_MOD	Perfluoroalkyl Compounds
MID_ATLANTIC	BETHPAGE_NWIRP	1803087	SITE 00001	SITE 00001	BPS1-TT-MW304S	Monitoring well	1124991.233	213728.252	N6247016D9008	WE13	TETRA TECH NUS, INC.	BPS1-TT-MW304S-20180917	Ground water	Normal (Regular)	17-Sep-18	537_MOD	Perfluoroalkyl Compounds
MID_ATLANTIC	BETHPAGE_NWIRP	1803087	SITE 00001	SITE 00001	BPS1FWMW01	Monitoring well	1124962.141	213962.716	N6247016D9008	WE13	TETRA TECH NUS, INC.	BP-FW-MW01-20180916	Ground water	Normal (Regular)	16-Sep-18	537_MOD	Perfluoroalkyl Compounds
MID_ATLANTIC	BETHPAGE_NWIRP	1803087	SITE 00001	SITE 00001	BPS1FWMW01	Monitoring well	1124962.141	213962.716	N6247016D9008	WE13	TETRA TECH NUS, INC.	BP-FW-MW01-20180916-D	Ground water	Field duplicate	16-Sep-18	537_MOD	Perfluoroalkyl Compounds
MID_ATLANTIC	BETHPAGE_NWIRP	1803087	SITE 00001	SITE 00001	BPS1FWMW02	Monitoring well	1124866.932	213966.997	N6247016D9008	WE13	TETRA TECH NUS, INC.	BP-FW-MW02-20180916	Ground water	Normal (Regular)	16-Sep-18	537_MOD	Perfluoroalkyl Compounds
MID_ATLANTIC	BETHPAGE_NWIRP	1803087	SITE 00001	SITE 00001	BPS1FWMW03	Monitoring well	1124733.417	213978.519	N6247016D9008	WE13	TETRA TECH NUS, INC.	BP-FW-MW03-20180916	Ground water	Normal (Regular)	16-Sep-18	537_MOD	Perfluoroalkyl Compounds
MID_ATLANTIC	BETHPAGE_NWIRP	1803087	SITE 00002	SITE 00002	BPS1-TT-MW308S	Monitoring well	1124909.9	214978.065	N6247016D9008	WE13	TETRA TECH NUS, INC.	BPS1-TT-MW308S-20180917	Ground water	Normal (Regular)	17-Sep-18	537_MOD	Perfluoroalkyl Compounds
MID_ATLANTIC	BETHPAGE_NWIRP	1803087	SITE 00002	SITE 00002	BPS1-TT-MW309D	Monitoring well	1125028.421	215208.441	N6247016D9008	WE13	TETRA TECH NUS, INC.	BPS1-TT-MW309D-20180915	Ground water	Normal (Regular)	15-Sep-18	537_MOD	Perfluoroalkyl Compounds
MID_ATLANTIC	BETHPAGE_NWIRP	1803087	SITE 00002	SITE 00002	BPS1-TT-MW309I	Monitoring well	1125016.144	215209.932	N6247016D9008	WE13	TETRA TECH NUS, INC.	BPS1-TT-MW309I-20180915	Ground water	Normal (Regular)	15-Sep-18	537_MOD	Perfluoroalkyl Compounds