

# Report of Analysis

<b>Client Sample ID:</b> GP22020 BIRCH LAKE WELL	
<b>Lab Sample ID:</b> FA95913-3	<b>Date Sampled:</b> 05/17/22
<b>Matrix:</b> DW - Drinking Water	<b>Date Received:</b> 05/24/22
<b>Method:</b> EPA 537.1 REV 1.0 EPA 537	<b>Percent Solids:</b> n/a
<b>Project:</b> 1222402	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Q91121.D	1	05/28/22 00:29	NG	05/26/22 09:00	OP91385	SQ1972
Run #2							

	Initial Volume	Final Volume
Run #1	280 ml	1.0 ml
Run #2		

### Perfluorinated Alkyl Acids

CAS No. Compound Result MCL LOQ LOD DL Units Q

#### PERFLUOROALKYLCARBOXYLIC ACIDS

307-24-4	Perfluorohexanoic acid	0.0121		0.0018	0.0014	0.00071	ug/l	
375-85-9	Perfluoroheptanoic acid	0.0017		0.0018	0.0014	0.00071	ug/l	J
335-67-1	Perfluorooctanoic acid	0.121		0.0018	0.0014	0.00071	ug/l	
375-95-1	Perfluorononanoic acid	0.0014 U		0.0018	0.0014	0.00071	ug/l	
335-76-2	Perfluorodecanoic acid	0.0014 U		0.0018	0.0014	0.00071	ug/l	
2058-94-8	Perfluoroundecanoic acid	0.0014 U		0.0018	0.0014	0.00071	ug/l	
307-55-1	Perfluorododecanoic acid	0.0014 U		0.0018	0.0014	0.00071	ug/l	
72629-94-8	Perfluorotridecanoic acid	0.0014 U		0.0018	0.0014	0.00071	ug/l	
376-06-7	Perfluorotetradecanoic acid	0.0014 U		0.0018	0.0014	0.00071	ug/l	

#### PERFLUOROALKYLSULFONIC ACIDS

375-73-5	Perfluorobutanesulfonic acid	0.0033		0.0018	0.0014	0.00071	ug/l	
355-46-4	Perfluorohexanesulfonic acid	0.0780		0.0018	0.0014	0.00071	ug/l	
1763-23-1	Perfluorooctanesulfonic acid	0.0014 U		0.0018	0.0014	0.00071	ug/l	

#### PERFLUOROOCCTANESULFONAMIDOACETIC ACIDS

2355-31-9	MeFOSAA	0.0036 U		0.0071	0.0036	0.0018	ug/l	
2991-50-6	EtFOSAA	0.0036 U		0.0071	0.0036	0.0018	ug/l	

#### NEXT GENERATION PFAS ANALYTES

13252-13-6	HFPO-DA (GenX)	0.0071 U		0.0089	0.0071	0.0036	ug/l	
919005-14-4	ADONA	0.0036 U		0.0071	0.0036	0.0018	ug/l	
756426-58-1	9Cl-PF3ONS (F-53B Major)	0.0036 U		0.0071	0.0036	0.0018	ug/l	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	0.0036 U		0.0071	0.0036	0.0018	ug/l	

CAS No. Surrogate Recoveries Run# 1 Run# 2 Limits

13C2-PFHxA	99%		70-130%
13C2-PFDA	117%		70-130%
d5-EtFOSAA	107%		70-130%
13C3-HFPO-DA	93%		70-130%

U = Not detected      LOD = Limit of Detection  
MCL = Maximum Contamination Level (40 CFR 141)  
E = Indicates value exceeds calibration range

J = Indicates an estimated value  
B = Indicates analyte found in associated method blank  
N = Indicates presumptive evidence of a compound