March 27, 2023

Town of Wilton
Attn. Mike Conklin
Director of Environmental Affairs
238 Danbury Road
Wilton, CT 06897

Subject: **Surface Water Sampling For PFAS**
Eight Select Locations in the Town of Wilton

Dear Mr. Conklin:

Thunderbird Environmental, LLC (Thunderbird) has prepared this brief letter and its attachments to summarize recent surface water sampling and analysis activities conducted by Thunderbird in the Town of Wilton, Connecticut (the Town).

Surface Water Sampling Activities

Thunderbird conducted surface water sampling within public areas throughout Wilton on March 15, 2023. Sampling locations included Goetzen Brook, Stadium Stream, Playing Field Pond, the Norwalk River, one catch basin located southeast the Wilton High School football field, and one manhole located within parking space #178 within the Wilton High School Parking Area. Sampling locations are depicted on **Figures 1 and 2**. Representative surface water samples were collected from a total of eight (8) discrete locations. Sampling was conducted in general conformance with U.S. Environmental Protection Agency (EPA), Interstate Technology and Regulatory Control (ITRC) and Michigan Department of Environmental Quality (MDEQ) guidance pertaining to collection and analysis of surface water samples for per- and polyfluoroalkyl substances (PFAS). Duplicate, field blank, and equipment blank samples were also collected and analyzed for quality control purposes.

Laboratory Analysis of Surface Water Samples for PFAS

A total of 11 samples [eight (8) surface water samples and three (3) QA/QC samples] were submitted to Complete Environmental Testing in Stratford, Connecticut, under standard Chain of Custody (COC) procedures for analysis of PFAS by EPA Method 537.1M.

Based on laboratory results, PFAS were not detected in the field and equipment blank samples at concentrations above laboratory reporting limits, indicating that no sources of cross-contamination were identified in sampling methodology.

Based on laboratory results, individual PFAS compounds were detected in six (6) of the eight (8) surface water samples at various concentrations ranging from 2.0 to 3.7 parts per trillion.

Laboratory analytical results, figures depicting sampling locations, and select photographs of each sample collection point are attached.

If you have any questions or require additional information, please feel free to contact Thunderbird at 860-227-4714.

Sincerely,

Thunderbird Environmental
Darby W. Hittle, L.E.P.
Principal / Project Coordinator

Attachments
Figure 1 – Sampling Locations 1, 2, 3, & 8
Figure 2 – Sampling Locations 4, 5, 6 & 7
Attachment A – Laboratory Analytical Report
Attachment B – Select Photographs

N
W E
S

Legend and Key

SW-1 - Sampling Point

Sample ID:	Water Body	Location Description
SW-1	Goetzen Brook	Intersection of Olmstead Hill Rd and Goetzen Brook, just upstream of road crossing.
SW-2	Goetzen Brook	Southwest portion of Allen's Meadows Park, just upstream of northernly footbridge.
SW-3	Goetzen Brook	East of Kristine Lilly Field, just upstream of intersection of gravel road over Goetzen Brook.
SW-4	Stadium Stream	Stadium Stream at northwest corner of Tom Fujitani Field, just upstream of small pond.
MH-5	Subsurface Stormwater Drainage	Rectangular concrete catch basin located in grass, just southeast of Tom Fujitani Field.
SW-6 SW-6 Dup	Playing Field Pond	Southeast corner of Playing Field Pond, just above outlet.
SW-7	Norwalk River	West side of the Norwalk River off School Road at the Norwalk River Valley Trail entrance.
MH-8	Subsurface Stormwater Drainage	Manhole located in Wilton High School parking spot #178, just south of Kristine Lilly Field.

FIGURE 1
SAMPLING LOCATIONS 1,2,3 & 8

Thunderbird Environmental, LLC
Project No: 2023_016
Select Locations in Wilton, Connecticut

N
W E
S

Legend and Key

SW-1 - Sampling Point

Sample ID:	Water Body	Location Description
SW-1	Goetzen Brook	Intersection of Olmstead Hill Rd and Goetzen Brook, just upstream of road crossing.
SW-2	Goetzen Brook	Southwest portion of Allen's Meadows Park, just upstream of northernly footbridge.
SW-3	Goetzen Brook	East of Kristine Lilly Field, just upstream of intersection of gravel road over Goetzen Brook.
SW-4	Stadium Stream	Stadium Stream at northwest corner of Tom Fujitani Field, just upstream of small pond.
MH-5	Subsurface Stormwater Drainage	Rectangular concrete catch basin located in grass, just southeast of Tom Fujitani Field.
SW-6 SW-6 Dup	Playing Field Pond	Southeast corner of Playing Field Pond, just above outlet.
SW-7	Norwalk River	West side of the Norwalk River off School Road at the Norwalk River Valley Trail entrance.
MH-8	Subsurface Stormwater Drainage	Manhole located in Wilton High School parking spot #178, just south of Kristine Lilly Field.

FIGURE 2
SAMPLING LOCATIONS 4,5,6 & 7

Thunderbird Environmental, LLC
Project No: 2023_016
Select Locations in Wilton, Connecticut

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Client: Mr. Mason Comrie
Thunderbird Environmental
13 Heritage Park Rd
Clinton, CT 06413

Analytical Report

CET# 3030454

Report Date:March 23, 2023
Project: Wilton Surface Water Sampling

Connecticut Laboratory Certificate: PH 0116
Massachusetts Laboratory Certificate: M-CT903
Rhode Island Laboratory Certificate: 199

New York NELAP Accreditation: 11982
Pennsylvania Laboratory Certificate: 68-02927

SAMPLE SUMMARY

The sample(s) were received at 6.0°C.

This report contains analytical data associated with following samples only.

Sample ID	Laboratory ID	Matrix	Collection Date/Time	Receipt Date
SW-1	3030454-01	Water	3/15/2023 13:35	03/15/2023
SW-2	3030454-02	Water	3/15/2023 13:42	03/15/2023
SW-3	3030454-03	Water	3/15/2023 14:00	03/15/2023
SW-4	3030454-04	Water	3/15/2023 12:28	03/15/2023
SW-6	3030454-05	Water	3/15/2023 13:00	03/15/2023
SW-6 DUP	3030454-06	Water	3/15/2023 13:00	03/15/2023
SW-7	3030454-07	Water	3/15/2023 13:08	03/15/2023
MH-5	3030454-08	Water	3/15/2023 11:30	03/15/2023
MH-8	3030454-09	Water	3/15/2023 11:00	03/15/2023
EB-1	3030454-10	Water	3/15/2023 14:05	03/15/2023
FB-1	3030454-11	Water	3/15/2023 14:02	03/15/2023

CET # : 3030454
Project: Wilton Surface Water Sampling

Client Sample ID SW-1
Lab ID: 3030454-01

Per- and Polyfluorinated Alkyl Acids **Analyst: JTS**
Method: EPA 537.1M Isotopic Dilution **Matrix: Water**

Analyte	CAS #	Result (ng/L)	RL (ng/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
HFPO-DA	13252-13-6	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 15:57	
NEtFOSAA	2991-50-6	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 15:57	
NMeFOSAA	2355-31-9	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 15:57	
PFBS	**375-73-5**	**2.1**	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 15:57	
PFDA	335-76-2	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 15:57	
PFDoA	307-55-1	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 15:57	
PFHpA	375-85-9	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 15:57	
PFHxS	355-46-4	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 15:57	
PFHxA	307-24-4	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 15:57	
PFNA	375-95-1	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 15:57	
PFOS	1763-23-1	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 15:57	
PFOA	335-67-1	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 15:57	
PFTeDA	376-06-7	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 15:57	
PFTrDA	72629-94-8	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 15:57	
PFUnA	2058-94-8	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 15:57	
11Cl-PF3OUdS	763051-92-9	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 15:57	
9Cl-PF3ONS	756426-58-1	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 15:57	
ADONA	919005-14-4	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 15:57	
Surrogate: C2-PFHxA		*110 %*		*70 - 130*		B3C1614	03/16/2023	*03/17/2023 15:57*	
Surrogate: C3-HFPO-DA		*106 %*		*70 - 130*		B3C1614	03/16/2023	*03/17/2023 15:57*	
Surrogate: C2-PFDA		*104 %*		*70 - 130*		B3C1614	03/16/2023	*03/17/2023 15:57*	
Surrogate: d5-NEtFOSAA		*98.1 %*		*70 - 130*		B3C1614	03/16/2023	*03/17/2023 15:57*	
Surrogate: PFBS-13C3		*97.8 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 15:57*	
Surrogate: PFDA-13C6		*103 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 15:57*	
Surrogate: PFDoA-13C2		*99.5 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 15:57*	
Surrogate: PFHpA-13C4		*103 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 15:57*	
Surrogate: PFHxS-13C3		*106 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 15:57*	
Surrogate: PFHxA-13C5		*112 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 15:57*	
Surrogate: PFNA-13C9		*99.7 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 15:57*	
Surrogate: PFOS-13C8		*102 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 15:57*	
Surrogate: PFOA-13C8		*102 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 15:57*	
Surrogate: PFTeDA-13C2		*96.5 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 15:57*	
Surrogate: PFUnA-13C7		*98.8 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 15:57*	

CET # : 3030454
Project: Wilton Surface Water Sampling

Client Sample ID SW-2
Lab ID: 3030454-02

Per- and Polyfluorinated Alkyl Acids **Analyst: JTS**
Method: EPA 537.1M Isotopic Dilution **Matrix: Water**

Analyte	CAS #	Result (ng/L)	RL (ng/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
HFPO-DA	13252-13-6	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 16:20	
NEtFOSAA	2991-50-6	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 16:20	
NMeFOSAA	2355-31-9	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 16:20	
PFBS	**375-73-5**	**2.1**	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 16:20	
PFDA	335-76-2	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 16:20	
PFDoA	307-55-1	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 16:20	
PFHpA	375-85-9	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 16:20	
PFHxS	355-46-4	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 16:20	
PFHxA	307-24-4	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 16:20	
PFNA	375-95-1	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 16:20	
PFOS	1763-23-1	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 16:20	
PFOA	335-67-1	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 16:20	
PFTeDA	376-06-7	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 16:20	
PFTrDA	72629-94-8	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 16:20	
PFUnA	2058-94-8	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 16:20	
11Cl-PF3OUdS	763051-92-9	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 16:20	
9Cl-PF3ONS	756426-58-1	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 16:20	
ADONA	919005-14-4	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 16:20	
Surrogate: C2-PFHxA		*110 %*		*70 - 130*		B3C1614	03/16/2023	*03/17/2023 16:20*	
Surrogate: C3-HFPO-DA		*108 %*		*70 - 130*		B3C1614	03/16/2023	*03/17/2023 16:20*	
Surrogate: C2-PFDA		*102 %*		*70 - 130*		B3C1614	03/16/2023	*03/17/2023 16:20*	
Surrogate: d5-NEtFOSAA		*106 %*		*70 - 130*		B3C1614	03/16/2023	*03/17/2023 16:20*	
Surrogate: PFBS-13C3		*104 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 16:20*	
Surrogate: PFDA-13C6		*96.6 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 16:20*	
Surrogate: PFDoA-13C2		*98.2 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 16:20*	
Surrogate: PFHpA-13C4		*101 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 16:20*	
Surrogate: PFHxS-13C3		*95.6 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 16:20*	
Surrogate: PFHxA-13C5		*113 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 16:20*	
Surrogate: PFNA-13C9		*99.8 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 16:20*	
Surrogate: PFOS-13C8		*101 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 16:20*	
Surrogate: PFOA-13C8		*101 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 16:20*	
Surrogate: PFTeDA-13C2		*99.1 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 16:20*	
Surrogate: PFUnA-13C7		*95.9 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 16:20*	

CET # : 3030454
Project: Wilton Surface Water Sampling

Client Sample ID SW-3
Lab ID: 3030454-03

Per- and Polyfluorinated Alkyl Acids **Analyst: JTS**

Method: EPA 537.1M Isotopic Dilution **Matrix: Water**

Analyte	CAS #	Result (ng/L)	RL (ng/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
HFPO-DA	13252-13-6	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 16:43	
NEtFOSAA	2991-50-6	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 16:43	
NMeFOSAA	2355-31-9	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 16:43	
PFBS	375-73-5	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 16:43	
PFDA	335-76-2	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 16:43	
PFDoA	307-55-1	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 16:43	
PFHpA	375-85-9	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 16:43	
PFHxS	355-46-4	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 16:43	
PFHxA	307-24-4	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 16:43	
PFNA	375-95-1	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 16:43	
PFOS	1763-23-1	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 16:43	
PFOA	335-67-1	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 16:43	
PFTeDA	376-06-7	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 16:43	
PFTrDA	72629-94-8	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 16:43	
PFUnA	2058-94-8	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 16:43	
11Cl-PF3OUdS	763051-92-9	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 16:43	
9Cl-PF3ONS	756426-58-1	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 16:43	
ADONA	919005-14-4	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 16:43	
Surrogate: C2-PFHxA		*108 %*		*70 - 130*		B3C1614	03/16/2023	*03/17/2023 16:43*	
Surrogate: C3-HFPO-DA		*108 %*		*70 - 130*		B3C1614	03/16/2023	*03/17/2023 16:43*	
Surrogate: C2-PFDA		*96.1 %*		*70 - 130*		B3C1614	03/16/2023	*03/17/2023 16:43*	
Surrogate: d5-NEtFOSAA		*99.6 %*		*70 - 130*		B3C1614	03/16/2023	*03/17/2023 16:43*	
Surrogate: PFBS-13C3		*104 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 16:43*	
Surrogate: PFDA-13C6		*96.0 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 16:43*	
Surrogate: PFDoA-13C2		*93.7 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 16:43*	
Surrogate: PFHpA-13C4		*102 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 16:43*	
Surrogate: PFHxS-13C3		*103 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 16:43*	
Surrogate: PFHxA-13C5		*111 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 16:43*	
Surrogate: PFNA-13C9		*97.3 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 16:43*	
Surrogate: PFOS-13C8		*108 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 16:43*	
Surrogate: PFOA-13C8		*96.0 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 16:43*	
Surrogate: PFTeDA-13C2		*100 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 16:43*	
Surrogate: PFUnA-13C7		*99.2 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 16:43*	

CET # : 3030454
Project: Wilton Surface Water Sampling

Client Sample ID SW-4
Lab ID: 3030454-04

Per- and Polyfluorinated Alkyl Acids **Analyst: JTS**
Method: EPA 537.1M Isotopic Dilution **Matrix: Water**

Analyte	CAS #	Result (ng/L)	RL (ng/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
HFPO-DA	13252-13-6	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 17:07	
NEtFOSAA	2991-50-6	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 17:07	
NMeFOSAA	2355-31-9	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 17:07	
PFBS	375-73-5	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 17:07	
PFDA	335-76-2	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 17:07	
PFDoA	307-55-1	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 17:07	
PFHpA	375-85-9	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 17:07	
PFHxS	355-46-4	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 17:07	
PFHxA	307-24-4	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 17:07	
PFNA	375-95-1	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 17:07	
PFOS	**1763-23-1**	**3.7**	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 17:07	
PFOA	**335-67-1**	**3.4**	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 17:07	
PFTeDA	376-06-7	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 17:07	
PFTrDA	72629-94-8	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 17:07	
PFUnA	2058-94-8	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 17:07	
11Cl-PF3OUdS	763051-92-9	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 17:07	
9Cl-PF3ONS	756426-58-1	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 17:07	
ADONA	919005-14-4	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 17:07	
Surrogate: C2-PFHxA		*110 %*		*70 - 130*		B3C1614	03/16/2023	*03/17/2023 17:07*	
Surrogate: C3-HFPO-DA		*111 %*		*70 - 130*		B3C1614	03/16/2023	*03/17/2023 17:07*	
Surrogate: C2-PFDA		*100 %*		*70 - 130*		B3C1614	03/16/2023	*03/17/2023 17:07*	
Surrogate: d5-NEtFOSAA		*94.0 %*		*70 - 130*		B3C1614	03/16/2023	*03/17/2023 17:07*	
Surrogate: PFBS-13C3		*98.3 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 17:07*	
Surrogate: PFDA-13C6		*96.0 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 17:07*	
Surrogate: PFDoA-13C2		*100 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 17:07*	
Surrogate: PFHpA-13C4		*103 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 17:07*	
Surrogate: PFHxS-13C3		*108 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 17:07*	
Surrogate: PFHxA-13C5		*113 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 17:07*	
Surrogate: PFNA-13C9		*109 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 17:07*	
Surrogate: PFOS-13C8		*97.6 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 17:07*	
Surrogate: PFOA-13C8		*100 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 17:07*	
Surrogate: PFTeDA-13C2		*98.8 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 17:07*	
Surrogate: PFUnA-13C7		*100 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 17:07*	

CET # : 3030454
Project: Wilton Surface Water Sampling

Client Sample ID SW-6
Lab ID: 3030454-05

Per- and Polyfluorinated Alkyl Acids **Analyst: JTS**

Method: EPA 537.1M Isotopic Dilution **Matrix: Water**

Analyte	CAS #	Result (ng/L)	RL (ng/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
HFPO-DA	13252-13-6	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 17:30	
NEtFOSAA	2991-50-6	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 17:30	
NMeFOSAA	2355-31-9	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 17:30	
PFBS	**375-73-5**	**2.7**	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 17:30	
PFDA	335-76-2	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 17:30	
PFDoA	307-55-1	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 17:30	
PFHpA	**375-85-9**	**2.0**	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 17:30	
PFHxS	355-46-4	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 17:30	
PFHxA	**307-24-4**	**2.0**	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 17:30	
PFNA	375-95-1	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 17:30	
PFOS	**1763-23-1**	**2.8**	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 17:30	
PFOA	**335-67-1**	**3.6**	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 17:30	
PFTeDA	376-06-7	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 17:30	
PFTrDA	72629-94-8	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 17:30	
PFUnA	2058-94-8	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 17:30	
11Cl-PF3OUdS	763051-92-9	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 17:30	
9Cl-PF3ONS	756426-58-1	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 17:30	
ADONA	919005-14-4	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 17:30	
Surrogate: C2-PFHxA		*109 %*		*70 - 130*		B3C1614	03/16/2023	*03/17/2023 17:30*	
Surrogate: C3-HFPO-DA		*112 %*		*70 - 130*		B3C1614	03/16/2023	*03/17/2023 17:30*	
Surrogate: C2-PFDA		*102 %*		*70 - 130*		B3C1614	03/16/2023	*03/17/2023 17:30*	
Surrogate: d5-NEtFOSAA		*93.1 %*		*70 - 130*		B3C1614	03/16/2023	*03/17/2023 17:30*	
Surrogate: PFBS-13C3		*99.1 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 17:30*	
Surrogate: PFDA-13C6		*100 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 17:30*	
Surrogate: PFDoA-13C2		*107 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 17:30*	
Surrogate: PFHpA-13C4		*100 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 17:30*	
Surrogate: PFHxS-13C3		*102 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 17:30*	
Surrogate: PFHxA-13C5		*113 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 17:30*	
Surrogate: PFNA-13C9		*100 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 17:30*	
Surrogate: PFOS-13C8		*106 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 17:30*	
Surrogate: PFOA-13C8		*99.6 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 17:30*	
Surrogate: PFTeDA-13C2		*82.1 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 17:30*	
Surrogate: PFUnA-13C7		*98.4 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 17:30*	

CET # : 3030454
Project: Wilton Surface Water Sampling

Client Sample ID SW-6 DUP

Lab ID: 3030454-06

Per- and Polyfluorinated Alkyl Acids **Analyst: JTS**

Method: EPA 537.1M Isotopic Dilution **Matrix: Water**

Analyte	CAS #	Result (ng/L)	RL (ng/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
HFPO-DA	13252-13-6	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 17:53	
NEtFOSAA	2991-50-6	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 17:53	
NMeFOSAA	2355-31-9	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 17:53	
PFBS	**375-73-5**	**2.3**	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 17:53	
PFDA	335-76-2	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 17:53	
PFDoA	307-55-1	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 17:53	
PFHpA	375-85-9	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 17:53	
PFHxS	355-46-4	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 17:53	
PFHxA	307-24-4	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 17:53	
PFNA	375-95-1	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 17:53	
PFOS	**1763-23-1**	**2.3**	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 17:53	
PFOA	**335-67-1**	**2.9**	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 17:53	
PFTeDA	376-06-7	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 17:53	
PFTrDA	72629-94-8	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 17:53	
PFUnA	2058-94-8	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 17:53	
11Cl-PF3OUdS	763051-92-9	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 17:53	
9Cl-PF3ONS	756426-58-1	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 17:53	
ADONA	919005-14-4	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 17:53	
Surrogate: C2-PFHxA		*110 %*		*70 - 130*		B3C1614	03/16/2023	*03/17/2023 17:53*	
Surrogate: C3-HFPO-DA		*110 %*		*70 - 130*		B3C1614	03/16/2023	*03/17/2023 17:53*	
Surrogate: C2-PFDA		*102 %*		*70 - 130*		B3C1614	03/16/2023	*03/17/2023 17:53*	
Surrogate: d5-NEtFOSAA		*103 %*		*70 - 130*		B3C1614	03/16/2023	*03/17/2023 17:53*	
Surrogate: PFBS-13C3		*93.6 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 17:53*	
Surrogate: PFDA-13C6		*97.1 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 17:53*	
Surrogate: PFDoA-13C2		*98.0 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 17:53*	
Surrogate: PFHpA-13C4		*105 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 17:53*	
Surrogate: PFHxS-13C3		*94.9 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 17:53*	
Surrogate: PFHxA-13C5		*111 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 17:53*	
Surrogate: PFNA-13C9		*106 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 17:53*	
Surrogate: PFOS-13C8		*97.0 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 17:53*	
Surrogate: PFOA-13C8		*102 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 17:53*	
Surrogate: PFTeDA-13C2		*99.9 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 17:53*	
Surrogate: PFUnA-13C7		*105 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 17:53*	

Client Sample ID SW-7

Lab ID: 3030454-07

Per- and Polyfluorinated Alkyl Acids **Analyst: JTS**

Method: EPA 537.1M Isotopic Dilution **Matrix: Water**

Analyte	CAS #	Result (ng/L)	RL (ng/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
HFPO-DA	13252-13-6	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 18:16	
NEtFOSAA	2991-50-6	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 18:16	
NMeFOSAA	2355-31-9	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 18:16	
PFBS	375-73-5	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 18:16	
PFDA	335-76-2	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 18:16	
PFDoA	307-55-1	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 18:16	
PFHpA	375-85-9	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 18:16	
PFHxS	355-46-4	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 18:16	
PFHxA	307-24-4	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 18:16	
PFNA	375-95-1	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 18:16	
PFOS	**1763-23-1**	**2.0**	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 18:16	
PFOA	**335-67-1**	**2.1**	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 18:16	
PFTeDA	376-06-7	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 18:16	
PFTrDA	72629-94-8	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 18:16	
PFUnA	2058-94-8	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 18:16	
11Cl-PF3OUdS	763051-92-9	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 18:16	
9Cl-PF3ONS	756426-58-1	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 18:16	
ADONA	919005-14-4	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 18:16	
Surrogate: C2-PFHxA		*107 %*		*70 - 130*		B3C1614	03/16/2023	*03/17/2023 18:16*	
Surrogate: C3-HFPO-DA		*110 %*		*70 - 130*		B3C1614	03/16/2023	*03/17/2023 18:16*	
Surrogate: C2-PFDA		*99.5 %*		*70 - 130*		B3C1614	03/16/2023	*03/17/2023 18:16*	
Surrogate: d5-NEtFOSAA		*102 %*		*70 - 130*		B3C1614	03/16/2023	*03/17/2023 18:16*	
Surrogate: PFBS-13C3		*95.3 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 18:16*	
Surrogate: PFDA-13C6		*101 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 18:16*	
Surrogate: PFDoA-13C2		*105 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 18:16*	
Surrogate: PFHpA-13C4		*105 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 18:16*	
Surrogate: PFHxS-13C3		*96.3 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 18:16*	
Surrogate: PFHxA-13C5		*108 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 18:16*	
Surrogate: PFNA-13C9		*101 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 18:16*	
Surrogate: PFOS-13C8		*92.6 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 18:16*	
Surrogate: PFOA-13C8		*97.8 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 18:16*	
Surrogate: PFTeDA-13C2		*99.7 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 18:16*	
Surrogate: PFUnA-13C7		*99.5 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 18:16*	

Client Sample ID MH-5

Lab ID: 3030454-08

Per- and Polyfluorinated Alkyl Acids **Analyst: JTS**

Method: EPA 537.1M Isotopic Dilution **Matrix: Water**

Analyte	CAS #	Result (ng/L)	RL (ng/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
HFPO-DA	13252-13-6	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 18:39	
NEtFOSAA	2991-50-6	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 18:39	
NMeFOSAA	2355-31-9	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 18:39	
PFBS	375-73-5	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 18:39	
PFDA	335-76-2	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 18:39	
PFDoA	307-55-1	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 18:39	
PFHpA	375-85-9	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 18:39	
PFHxS	355-46-4	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 18:39	
PFHxA	307-24-4	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 18:39	
PFNA	375-95-1	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 18:39	
PFOS	1763-23-1	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 18:39	
PFOA	335-67-1	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 18:39	
PFTeDA	376-06-7	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 18:39	
PFTrDA	72629-94-8	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 18:39	
PFUnA	2058-94-8	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 18:39	
11Cl-PF3OUdS	763051-92-9	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 18:39	
9Cl-PF3ONS	756426-58-1	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 18:39	
ADONA	919005-14-4	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 18:39	
Surrogate: C2-PFHxA		*103 %*		*70 - 130*		B3C1614	03/16/2023	*03/17/2023 18:39*	
Surrogate: C3-HFPO-DA		*99.7 %*		*70 - 130*		B3C1614	03/16/2023	*03/17/2023 18:39*	
Surrogate: C2-PFDA		*101 %*		*70 - 130*		B3C1614	03/16/2023	*03/17/2023 18:39*	
Surrogate: d5-NEtFOSAA		*107 %*		*70 - 130*		B3C1614	03/16/2023	*03/17/2023 18:39*	
Surrogate: PFBS-13C3		*102 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 18:39*	
Surrogate: PFDA-13C6		*94.4 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 18:39*	
Surrogate: PFDoA-13C2		*105 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 18:39*	
Surrogate: PFHpA-13C4		*96.4 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 18:39*	
Surrogate: PFHxS-13C3		*93.5 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 18:39*	
Surrogate: PFHxA-13C5		*106 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 18:39*	
Surrogate: PFNA-13C9		*94.4 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 18:39*	
Surrogate: PFOS-13C8		*104 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 18:39*	
Surrogate: PFOA-13C8		*97.4 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 18:39*	
Surrogate: PFTeDA-13C2		*84.5 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 18:39*	
Surrogate: PFUnA-13C7		*99.7 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 18:39*	

CET # : 3030454
Project: Wilton Surface Water Sampling

Client Sample ID MH-8
Lab ID: 3030454-09

Per- and Polyfluorinated Alkyl Acids **Analyst: JTS**
Method: EPA 537.1M Isotopic Dilution **Matrix: Water**

Analyte	CAS #	Result (ng/L)	RL (ng/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
HFPO-DA	13252-13-6	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 19:03	
NEtFOSAA	2991-50-6	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 19:03	
NMeFOSAA	2355-31-9	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 19:03	
PFBS	375-73-5	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 19:03	
PFDA	335-76-2	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 19:03	
PFDoA	307-55-1	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 19:03	
PFHpA	375-85-9	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 19:03	
PFHxS	355-46-4	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 19:03	
PFHxA	307-24-4	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 19:03	
PFNA	375-95-1	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 19:03	
PFOS	1763-23-1	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 19:03	
PFOA	335-67-1	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 19:03	
PFTeDA	376-06-7	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 19:03	
PFTrDA	72629-94-8	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 19:03	
PFUnA	2058-94-8	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 19:03	
11Cl-PF3OUdS	763051-92-9	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 19:03	
9Cl-PF3ONS	756426-58-1	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 19:03	
ADONA	919005-14-4	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 19:03	
Surrogate: C2-PFHxA		*102 %*		*70 - 130*		B3C1614	03/16/2023	*03/17/2023 19:03*	
Surrogate: C3-HFPO-DA		*109 %*		*70 - 130*		B3C1614	03/16/2023	*03/17/2023 19:03*	
Surrogate: C2-PFDA		*103 %*		*70 - 130*		B3C1614	03/16/2023	*03/17/2023 19:03*	
Surrogate: d5-NEtFOSAA		*98.8 %*		*70 - 130*		B3C1614	03/16/2023	*03/17/2023 19:03*	
Surrogate: PFBS-13C3		*104 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 19:03*	
Surrogate: PFDA-13C6		*95.6 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 19:03*	
Surrogate: PFDoA-13C2		*98.4 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 19:03*	
Surrogate: PFHpA-13C4		*105 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 19:03*	
Surrogate: PFHxS-13C3		*111 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 19:03*	
Surrogate: PFHxA-13C5		*103 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 19:03*	
Surrogate: PFNA-13C9		*105 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 19:03*	
Surrogate: PFOS-13C8		*95.3 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 19:03*	
Surrogate: PFOA-13C8		*104 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 19:03*	
Surrogate: PFTeDA-13C2		*93.0 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 19:03*	
Surrogate: PFUnA-13C7		*97.0 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 19:03*	

Client Sample ID EB-1

Lab ID: 3030454-10

Per- and Polyfluorinated Alkyl Acids **Analyst: JTS**

Method: EPA 537.1M Isotopic Dilution **Matrix: Water**

Analyte	CAS #	Result (ng/L)	RL (ng/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
HFPO-DA	13252-13-6	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 19:26	
NEtFOSAA	2991-50-6	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 19:26	
NMeFOSAA	2355-31-9	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 19:26	
PFBS	375-73-5	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 19:26	
PFDA	335-76-2	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 19:26	
PFDoA	307-55-1	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 19:26	
PFHpA	375-85-9	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 19:26	
PFHxS	355-46-4	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 19:26	
PFHxA	307-24-4	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 19:26	
PFNA	375-95-1	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 19:26	
PFOS	1763-23-1	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 19:26	
PFOA	335-67-1	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 19:26	
PFTeDA	376-06-7	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 19:26	
PFTrDA	72629-94-8	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 19:26	
PFUnA	2058-94-8	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 19:26	
11Cl-PF3OUdS	763051-92-9	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 19:26	
9Cl-PF3ONS	756426-58-1	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 19:26	
ADONA	919005-14-4	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 19:26	
Surrogate: C2-PFHxA		*101 %*		*70 - 130*		B3C1614	03/16/2023	*03/17/2023 19:26*	
Surrogate: C3-HFPO-DA		*106 %*		*70 - 130*		B3C1614	03/16/2023	*03/17/2023 19:26*	
Surrogate: C2-PFDA		*104 %*		*70 - 130*		B3C1614	03/16/2023	*03/17/2023 19:26*	
Surrogate: d5-NEtFOSAA		*95.4 %*		*70 - 130*		B3C1614	03/16/2023	*03/17/2023 19:26*	
Surrogate: PFBS-13C3		*97.2 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 19:26*	
Surrogate: PFDA-13C6		*102 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 19:26*	
Surrogate: PFDoA-13C2		*105 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 19:26*	
Surrogate: PFHpA-13C4		*102 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 19:26*	
Surrogate: PFHxS-13C3		*104 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 19:26*	
Surrogate: PFHxA-13C5		*101 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 19:26*	
Surrogate: PFNA-13C9		*109 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 19:26*	
Surrogate: PFOS-13C8		*97.9 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 19:26*	
Surrogate: PFOA-13C8		*102 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 19:26*	
Surrogate: PFTeDA-13C2		*98.3 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 19:26*	
Surrogate: PFUnA-13C7		*108 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 19:26*	

CET # : 3030454
Project: Wilton Surface Water Sampling

Client Sample ID FB-1
Lab ID: 3030454-11

Per- and Polyfluorinated Alkyl Acids **Analyst: JTS**

Method: EPA 537.1M Isotopic Dilution **Matrix: Water**

Analyte	CAS #	Result (ng/L)	RL (ng/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
HFPO-DA	13252-13-6	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 19:49	
NEtFOSAA	2991-50-6	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 19:49	
NMeFOSAA	2355-31-9	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 19:49	
PFBS	375-73-5	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 19:49	
PFDA	335-76-2	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 19:49	
PFDoA	307-55-1	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 19:49	
PFHpA	375-85-9	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 19:49	
PFHxS	355-46-4	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 19:49	
PFHxA	307-24-4	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 19:49	
PFNA	375-95-1	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 19:49	
PFOS	1763-23-1	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 19:49	
PFOA	335-67-1	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 19:49	
PFTeDA	376-06-7	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 19:49	
PFTrDA	72629-94-8	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 19:49	
PFUnA	2058-94-8	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 19:49	
11Cl-PF3OUdS	763051-92-9	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 19:49	
9Cl-PF3ONS	756426-58-1	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 19:49	
ADONA	919005-14-4	ND	2.0	1	EPA 537.1M	B3C1614	03/16/2023	03/17/2023 19:49	
Surrogate: C2-PFHxA		*99.6 %*		*70 - 130*		B3C1614	03/16/2023	*03/17/2023 19:49*	
Surrogate: C3-HFPO-DA		*95.1 %*		*70 - 130*		B3C1614	03/16/2023	*03/17/2023 19:49*	
Surrogate: C2-PFDA		*102 %*		*70 - 130*		B3C1614	03/16/2023	*03/17/2023 19:49*	
Surrogate: d5-NEtFOSAA		*98.5 %*		*70 - 130*		B3C1614	03/16/2023	*03/17/2023 19:49*	
Surrogate: PFBS-13C3		*99.4 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 19:49*	
Surrogate: PFDA-13C6		*98.9 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 19:49*	
Surrogate: PFDoA-13C2		*101 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 19:49*	
Surrogate: PFHpA-13C4		*103 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 19:49*	
Surrogate: PFHxS-13C3		*104 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 19:49*	
Surrogate: PFHxA-13C5		*101 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 19:49*	
Surrogate: PFNA-13C9		*99.2 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 19:49*	
Surrogate: PFOS-13C8		*101 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 19:49*	
Surrogate: PFOA-13C8		*100 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 19:49*	
Surrogate: PFTeDA-13C2		*86.5 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 19:49*	
Surrogate: PFUnA-13C7		*104 %*		*30 - 150*		B3C1614	03/16/2023	*03/17/2023 19:49*	

QUALITY CONTROL SECTION

Batch B3C1614 - EPA 537.1M Isotopic Dilution

Analyte	Result (ng/L)	RL (ng/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B3C1614-BLK1)					Prepared: 3/16/23 Analyzed: 3/17/23				
HFPO-DA	ND	2.0							
NEtFOSAA	ND	2.0							
NMeFOSAA	ND	2.0							
PFBS	ND	2.0							
PFDA	ND	2.0							
PFDoA	ND	2.0							
PFHpA	ND	2.0							
PFHxS	ND	2.0							
PFHxA	ND	2.0							
PFNA	ND	2.0							
PFOS	ND	2.0							
PFOA	ND	2.0							
PFTeDA	ND	2.0							
PFTrDA	ND	2.0							
PFUnA	ND	2.0							
11Cl-PF3OUdS	ND	2.0							
9Cl-PF3ONS	ND	2.0							
ADONA	ND	2.0							
Surrogate: C2-PFHxA					*95.7*	*70 - 130*			
Surrogate: C3-HFPO-DA					*98.6*	*70 - 130*			
Surrogate: C2-PFDA					*99.2*	*70 - 130*			
Surrogate: d5-NEtFOSAA					*106*	*70 - 130*			
Surrogate: PFBS-13C3					*99.0*	*30 - 150*			
Surrogate: PFDA-13C6					*96.1*	*30 - 150*			
Surrogate: PFDoA-13C2					*113*	*30 - 150*			
Surrogate: PFHpA-13C4					*99.8*	*30 - 150*			
Surrogate: PFHxS-13C3					*108*	*30 - 150*			
Surrogate: PFHxA-13C5					*96.7*	*30 - 150*			
Surrogate: PFNA-13C9					*102*	*30 - 150*			
Surrogate: PFOS-13C8					*95.5*	*30 - 150*			
Surrogate: PFOA-13C8					*98.5*	*30 - 150*			
Surrogate: PFTeDA-13C2					*113*	*30 - 150*			
Surrogate: PFUnA-13C7					*107*	*30 - 150*			
LCS (B3C1614-BS1)					Prepared: 3/16/23 Analyzed: 3/17/23				
HFPO-DA	3.75	2.0	4.000		93.8	70 - 130			
NEtFOSAA	3.12	2.0	4.000		77.9	70 - 130			
NMeFOSAA	3.59	2.0	4.000		89.8	70 - 130			
PFBS	3.59	2.0	4.000		89.8	70 - 130			
PFDA	3.84	2.0	4.000		95.9	70 - 130			
PFDoA	3.66	2.0	4.000		91.4	70 - 130			
PFHpA	3.63	2.0	4.000		90.7	70 - 130			
PFHxS	3.25	2.0	4.000		81.2	70 - 130			
PFHxA	3.67	2.0	4.000		91.7	70 - 130			
PFNA	3.80	2.0	4.000		94.9	70 - 130			
PFOS	3.60	2.0	4.000		90.0	70 - 130			
PFOA	3.80	2.0	4.000		95.0	70 - 130			
PFTeDA	4.09	2.0	4.000		102	70 - 130			
PFTrDA	3.59	2.0	4.000		89.8	70 - 130			

CET # : 3030454

Project: Wilton Surface Water Sampling

Analyte	Result (ng/L)	RL (ng/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (B3C1614-BS1) - Continued					Prepared: 3/16/23 Analyzed: 3/17/23				
PFUnA	3.46	2.0	4.000		86.4	70 - 130			
11Cl-PF3OUdS	3.50	2.0	4.000		87.6	70 - 130			
9Cl-PF3ONS	3.69	2.0	4.000		92.3	70 - 130			
ADONA	3.57	2.0	4.000		89.2	70 - 130			
Surrogate: C2-PFHxA					*101*	*70 - 130*			
Surrogate: C3-HFPO-DA					*104*	*70 - 130*			
Surrogate: C2-PFDA					*105*	*70 - 130*			
Surrogate: d5-NEtFOSAA					*102*	*70 - 130*			
Surrogate: PFBS-13C3					*101*	*30 - 150*			
Surrogate: PFDA-13C6					*99.0*	*30 - 150*			
Surrogate: PFDoA-13C2					*112*	*30 - 150*			
Surrogate: PFHpA-13C4					*103*	*30 - 150*			
Surrogate: PFHxS-13C3					*101*	*30 - 150*			
Surrogate: PFHxA-13C5					*101*	*30 - 150*			
Surrogate: PFNA-13C9					*91.5*	*30 - 150*			
Surrogate: PFOS-13C8					*102*	*30 - 150*			
Surrogate: PFOA-13C8					*100*	*30 - 150*			
Surrogate: PFTeDA-13C2					*102*	*30 - 150*			
Surrogate: PFUnA-13C7					*107*	*30 - 150*			

All questions related to this report should be directed to David Ditta, Timothy Fusco, or Robert Blake at 203-377-9984.

Sincerely,

This technical report was reviewed by Robert Blake

David Ditta
Laboratory Director

Project Manager

This report shall not be reproduced except in full, without the written approval of the laboratory

Report Comments:

Sample Result Flags:
E- The result is estimated, above the calibration range.
H- The surrogate recovery is above the control limits.
L- The surrogate recovery is below the control limits.
B- The compound was detected in the laboratory blank.
P- The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
D- The RPD between the sample and the sample duplicate is high. Sample Homogeneity may be a problem.
+- The Surrogate was diluted out.
*C1- The Continuing Calibration did not meet method specifications and was biased low for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased low.
*C2- The Continuing Calibration did not meet method specifications and was biased high for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased high.
*F1- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the low side.
*F2- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the high side.
*I- Analyte exceeds method limits from second source standard in Initial Calibration Verification (ICV). No directional bias.

All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.

For Percent Solids, if any of the following prep methods (3050B, 3540C, 3545A, 3550C, 5035 and 9013A) were used for samples pertaining to this report, the percent solids procedure is within that prep method.

Complete Environmental Testing is only responsible for the certified testing and is not directly responsible for the integrity of the sample before laboratory receipt.

ND is None Detected at or above the specified reporting limit
Reporting Limit (RL) is the limit of detection for an analyte after any adjustment made for dilution or percent moisture.
All analyses were performed in house unless a Reference Laboratory is listed.
Samples will be disposed of 30 days after the report date.

80 Lupes Drive
Stratford, CT 06615

COMPLETE ENVIRONMENTAL TESTING, INC.

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Fax: (203) 377-9952
email: cet1@cetlabs.com

Quality Control Definitions and Abbreviations

Internal Standard (IS)	An Analyte added to each sample or sample extract. An internal standard is used to monitor retention time, calculate relative response, and quantify analytes of interest.
Surrogate Recovery	The % recovery for non-target organic compounds that are spiked into all samples. Used to determine method performance.
Continuing Calibration	An analytical standard analyzed with each set of samples to verify initial calibration of the system.
Batch	Samples that are analyzed together with the same method, sequence and lot of reagents within the same time period.
ND	Not detected at or above the specified reporting limit.
RL	RL is the limit of detection for an analyte after any adjustment made for dilution or percent moisture.
Dilution	Multiplier added to detection levels (MDL) and/or sample results due to interferences and/or high concentration of target compounds.
Duplicate	Result from the duplicate analysis of a sample.
Result	Amount of analyte found in a sample.
Spike Level	Amount of analyte added to a sample
Matrix Spike Result	Amount of analyte found including amount that was spiked.
Matrix Spike Dup	Amount of analyte found in duplicate spikes including amount that was spike.
Matrix Spike % Recovery	% Recovery of spiked amount in sample.
Matrix Spike Dup % Recovery	% Recovery of spiked duplicate amount in sample.
RPD	Relative percent difference between Matrix Spike and Matrix Spike Duplicate.
Blank	Method Blank that has been taken through all steps of the analysis.
LCS % Recovery	Laboratory Control Sample percent recovery. The amount of analyte recovered from a fortified sample.
Recovery Limits	A range within which specified measurements results must fall to be compliant.
CC	Calibration Verification

Flags:

- H- Recovery is above the control limits
- L- Recovery is below the control limits
- B- Compound detected in the Blank
- P- RPD of dual column results exceeds 40%
- #- Sample result too high for accurate spike recovery.

NELAP ACCREDITED TNI LABORATORY

Connecticut Laboratory Certification PH0116
Massachussets Laboratory Certification M-CT903
Pennsylvania NELAP Accreditation 68-02927

New York NELAP Accreditation 11982
Rhode Island Certification 199

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Complete Environmental Testing, Inc.

Client: Thunderbird Environmental

Project Location: Wilton Surface Water Sampling

Project Number:

Laboratory Sample ID(s):
3030454-01 thru 3030454-11

Sample Date(s):
03/15/2023

List RCP Methods Used:
,

CET #: 3030454

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ No
1B	VPH and EPH Methods only: Was the VPH and EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (< 6 degrees C.)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CT DEP Reasonable Confidence Protocol documents achieved?	☑ Yes ☐ No
5a	a) Were reporting limits specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5b	b) Were these reporting limits met?	☑ Yes ☐ No
6	For each analytical method referenced in this laboratory report package, were results reported for all consituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☑ Yes ☐ No
7	Are project specific matrix spikes and laboratory duplicates included with this data set?	☐ Yes ☑ No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."
This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: **Position:** **Laboratory Director**

Printed Name: **David Ditta** **Date:** **03/21/2023**

Name of Laboratory: **Complete Environmental Testing, Inc.**

This certification form is to be used for RCP methods only.

7- Project specific QC was not requested by the client.

QC Batch/Sequence Report

Batch	Sequence	CET ID	Sample ID	Specific Method	Matrix	Collection Date
B3C1614		3030454-01	SW-1	EPA 537.1M Isotopic Dilution	Water	03/15/2023
B3C1614		3030454-02	SW-2	EPA 537.1M Isotopic Dilution	Water	03/15/2023
B3C1614		3030454-03	SW-3	EPA 537.1M Isotopic Dilution	Water	03/15/2023
B3C1614		3030454-04	SW-4	EPA 537.1M Isotopic Dilution	Water	03/15/2023
B3C1614		3030454-05	SW-6	EPA 537.1M Isotopic Dilution	Water	03/15/2023
B3C1614		3030454-06	SW-6 DUP	EPA 537.1M Isotopic Dilution	Water	03/15/2023
B3C1614		3030454-07	SW-7	EPA 537.1M Isotopic Dilution	Water	03/15/2023
B3C1614		3030454-08	MH-5	EPA 537.1M Isotopic Dilution	Water	03/15/2023
B3C1614		3030454-09	MH-8	EPA 537.1M Isotopic Dilution	Water	03/15/2023
B3C1614		3030454-10	EB-1	EPA 537.1M Isotopic Dilution	Water	03/15/2023
B3C1614		3030454-11	FB-1	EPA 537.1M Isotopic Dilution	Water	03/15/2023

3030454

CET

COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY

Volatile Soils Only:
Date and Time in Freezer
Client:
CET:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cetservices@cetlabs.com
e-mail: bottleorders@cetlabs.com

Sample ID/Sample Depths (include Units for any sample depths provided)	Collection Date/Time	Matrix (A=Air, S=Soil, W=Water, DW=Drinking Water, C=Cassette Solid, Wipe, Other (Specify))	Turnaround Time ** (check one): Same Day *	Next Day *	Two Day *	Three Day *	Std (5-7 Days)	8260 CT List	8260 Aromatics	8260 Halogens	CT ETPH	8270 CT List	8270 PNAs	PCBs ☐ SOX ☐ ASE	Pesticides	Metals: 8 RCRA	13 Priority Poll	15 CT DEP	Total	SPLP	TCLP	Dissolved	Field Filtered	Lab to Filter	Additional Analysis: EPA 537.1M								TOTAL # OF CONT.	NOTE #
SW-1	3/15/23 13:35	SW					X																		X									2	
SW-2	3/15/23 13:42	SW					X																		X									2	
SW-3	3/15/23 14:00	SW					X																		X									2	
SW-4	3/15/23 12:28	SW					X																		X									2	
SW-6	3/15/23 13:00	SW					X																		X									2	
SW-6 DUP	3/15/23 13:00	SW					X																		X									2	
SW-7	3/15/23 13:08	SW					X																		X									2	
MH-5	3/15/23 11:30	SW					X																		X									2	
MH-8	3/15/23 11:00	SW					X																		X									2	
EB-1	3/15/23 14:05	SW					X																		X									2	
PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)																																		28	
CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)																																			
Soil VOCs Only (M=MeOH B=Sodium Bisulfate W=Water F=Empty Vial E=Encore)																																			

RELINQUISHED BY: Emily [illegible] DATE/TIME: 3/15/23 15:26 RECEIVED BY: [illegible] 3/15/23 15:26

RELINQUISHED BY: DATE/TIME: RECEIVED BY:

RELINQUISHED BY: DATE/TIME: RECEIVED BY:

NOTES:

Client / Reporting Information

Company Name: Thunderbird Env. LLC
Address: 13 Heritage Park Rd
City: Clinton State: CT Zip: 06413
Report To: mason@tbirdenv.com E-mail:
Phone #: 860-227-4714 Fax #:

Project Information

Project: Wilton surface water sampling PO #:
Location: Wilton, CT Project #:
CET Quote #: 030923-B Collector(s): Ekeeng, M. Comire
QA/QC ☐ Std ☐ Site Specific (MS/MSD) * ☑ RCP Pkg * ☐ DQAW *
Data Report ☑ PDF ☐ EDD - Specify Format Other excel
RSR Reporting Limits (check one) ☐ GA ☐ GB ☐ SWP ☑ Other RCP
Laboratory Certification Needed (check one) ☑ CT ☐ NY ☐ RI ☐ MA ☐ PA
Temp Upon Receipt 6.0 °C Evidence of Cooling: (Y) N PAGE 1 OF 2

* Additional charge may apply. ** TAT begins when the samples are received at the Lab and all issues are resolved. TAT for samples received after 3 p.m. will start on the next business day. All samples picked up by courier service will be considered next business day receipt for TAT purposes.

REV. 12/18

3030454

CET

COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY

Volatile Soils Only:
Date and Time in Freezer
Client:
CET:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cetservices@cetlabs.com
e-mail: bottleorders@cetlabs.com

Sample ID/Sample Depths (include Units for any sample depths provided)	Collection Date/Time	Matrix (A=Air, S=Soil, W=Water, DW=Drinking Water, C=Cassette Solid, Wipe, Other (Specify))	Turnaround Time ** (check one): Same Day *	Next Day *	Two Day *	Three Day *	Std (5-7 Days)	8260 CT List	8260 Aromatics	8260 Halogens	CT ETPH	8270 CT List	8270 PNAs	PCBs ☐ SOX ☐ ASE	Pesticides	Metals: 8 RCRA	13 Priority Poll	15 CT DEP	Total	SPLP	TCLP	Dissolved	Field Filtered	Lab to Filter	Additional Analysis: EPA 537 IM	TOTAL # OF CONT.	NOTE #
FB-1	8/15/23 14:02	SW					X																		X	1	

PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)

CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)

Soil VOCs Only (M=MeOH B= Sodium Bisulfate W=Water F= Empty Vial E=Encore)

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
[signature]	8/15/23 15:26	[signature] 8/15/23 15:26
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:

NOTES:

Client / Reporting Information

Company Name: Thunderbird Environmental
Address: 13 Heritage Park Rd
City: Clinton State: CT Zip: 06413
Report To: mason@thardenn.com E-mail
Phone #: 860-223-4714 Fax #

Project Information

Project: Milton surface water sampling PO #:
Location: Milton, CT Project #:
CET Quote #: 030923-B Collector(s): E-toeing - M. Conure
QA/QC ☐ Std ☐ Site Specific (MS/MSD) * ☑ RCP Pkg * ☐ DQAW *
Data Report ☑ PDF ☐ EDD - Specify Format Other excel
RSR Reporting Limits (check one) ☐ GA ☐ GB ☐ SWP ☐ Other RCP
Laboratory Certification Needed (check one) ☑ CT ☐ NY ☐ RI ☐ MA ☐ PA
Temp Upon Receipt 6.0 °C Evidence of Cooling: (Y) N

PAGE 2 OF 2

* Additional charge may apply. ** TAT begins when the samples are received at the Lab and all issues are resolved. TAT for samples received after 3 p.m. will start on the next business day. All samples picked up by courier service will be considered next business day receipt for TAT purposes.

REV. 12/18

Client: Thunderbird Environmental
Project: Wilton Surface Water Sampling
ProjectNumber: 2023_016
Matrix: Water
Collect Dates: 3/15/23 Thru 3/15/23

Lab Number				3030454-01		3030454-02		3030454-03		3030454-04		3030454-05		3030454-06		3030454-07		3030454-08		3030454-09		3030454-10		3030454-11	
Sampled Name				SW-1		SW-2		SW-3		SW-4		SW-6		SW-6 DUP		SW-7		MH-5		MH-8		EB-1		FB-1	
Sampled Date				3/15/23		3/15/23		3/15/23		3/15/23		3/15/23		3/15/23		3/15/23		3/15/23		3/15/23		3/15/23		3/15/23	
Parameter	CAS Number	GWPC	SWPC	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual
EPA 537.1M Isotopic Dilution (ng/L)																									
ADONA	919005-14-4	NA	NA	<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0	
NEtFOSAA	2991-50-6	NA	NA	<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0	
NMeFOSAA	2355-31-9	NA	NA	<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0	
PFBS	375-73-5	NA	NA	2.1		2.1		<2.0		<2.0		2.7		2.3		<2.0		<2.0		<2.0		<2.0		<2.0	
PFDA	335-76-2	NA	NA	<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0	
PFDoA	307-55-1	NA	NA	<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0	
PFHpA	375-85-9	NA	NA	<2.0		<2.0		<2.0		<2.0		2		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0	
PFHxA	307-24-4	NA	NA	<2.0		<2.0		<2.0		<2.0		2		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0	
PFHxS	355-46-4	NA	NA	<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0	
PFNA	375-95-1	NA	NA	<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0	
PFOA	335-67-1	NA	NA	<2.0		<2.0		<2.0		3.4		3.6		2.9		2.1		<2.0		<2.0		<2.0		<2.0	
PFOS	1763-23-1	NA	NA	<2.0		<2.0		<2.0		3.7		2.8		2.3		2		<2.0		<2.0		<2.0		<2.0	
PFTeDA	376-06-7	NA	NA	<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0	
PFTrDA	72629-94-8	NA	NA	<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0	
PFUnA	2058-94-8	NA	NA	<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0	
11Cl-PF3OUdS	763051-92-9	NA	NA	<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0	
9Cl-PF3ONS	756426-58-1	NA	NA	<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0	
HFPO-DA	13252-13-6	NA	NA	<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0		<2.0	

Select Photographs
Select Surface Water Sampling Locations
Wilton, Connecticut, 06897

SW-1
Intersection of Olmstead Hill Rd and Goetzen Brook,
Just Upstream of Road Crossing.

SW-2
Southwest Portion of Allen's Meadows Park,
Upstream Side of Northernly Foot Bridge

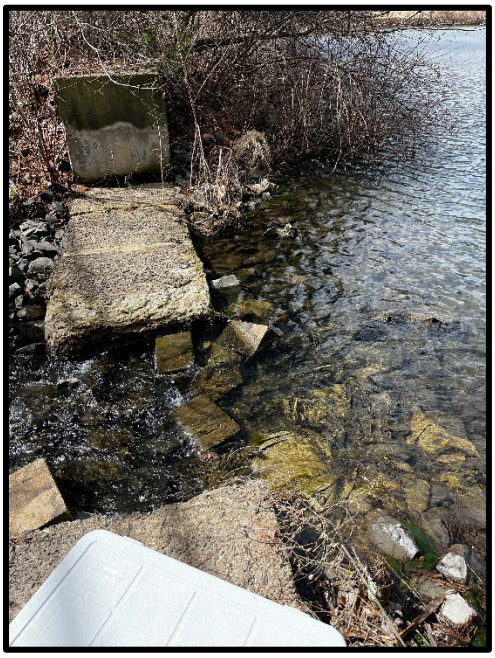
Select Photographs
Select Surface Water Sampling Locations
Wilton, Connecticut, 06897

SW-3
East of Kristine Lilly Field, Just Upstream from
Intersection of Gravel Road over Goetzen Brook.

SW-4
Stadium Stream at Northwest Corner of
Tom Fujitani Field, Just Upstream of Small Pond.

Select Photographs
Select Surface Water Sampling Locations
Wilton, Connecticut, 06897

MH-5
Rectangular Concrete Catch Basin Located in Grass,
Just Southeast of Tom Fujitani Field.



SW-6 & SW-6 Dup
Southeast corner of Playing Field Pond

Select Photographs
Select Surface Water Sampling Locations
Wilton, Connecticut, 06897

SW-7
West Side of the Norwalk River off School Road,
at the Norwalk River Valley Trail Entrance. Downstream from the
Confluence of Goetzen Brook and the Norwalk River.

MH-8
Manhole Located in Wilton High School Parking Spot #178,
Just South of Kristine Lilly Field.