

SAMPLE RECEIPT FORM / TEST REPORT

FILE #: PR254794

CLIENT: KaizenLAB
#288, 2880 – 45th Ave SE
Calgary, AB
T2B 3M1

Phone: (403) 297-0699
Email: kaizencsr@kaizenlab.ca

RECEIVED BY: R. Jonker
CONDITION: Okay, 15°C

DATE/TIME: November 14, 2025 (4:00 p.m.)

# of Containers	Sample Type	Sample (Client Codes)	Lab Codes	Test Requested
		Job 348785		
1	Water	River @ WTP (348785-1)	PR254794	PFAS
1	Water	Distribution @ WTP (348785-2)	PR254795	PFAS
1	Water	Sundown (348785-3)	PR254796	PFAS
1	Water	Gleneagles (348785-4)	PR254797	PFAS

STORAGE: Stored at 4°C.

ANALYTES: LC-MS/MS analysis for perfluorinated and polyfluorinated alkyl substances (PFAS).

SPECIAL INSTRUCTIONS: None.

METHODOLOGY

Reference Method: PFAS: SOP LAB16 EPA 1633

Data summarized in Data Report attached.

Report sent to: Client Services

Date: December 5, 2025

Comments: Results relate only to samples as received.

Kjell Hope, MSc., Lab Manager

DATA REPORT

Client: KaizenLAB
Contact: Client Services

Date Extracted: 03-Dec-25
Date Analysed: 04-Dec-25

Compound	Client ID:		River @ WTP (348785-1)	Distribution @ WTP (348785-2)	Sundown (348785-3)	Gleneagles (348785-4)
	PRL ID:		PR254794	PR254795	PR254796	PR254797
	DL µg/L		µg/L	µg/L	µg/L	µg/L
PERFLUOROALKYL ACIDS						
Perfluorobutanoic acid	PFBA	0.001	ND	ND	ND	ND
Perfluoropentanoic acid	PFPeA	0.001	ND	ND	ND	ND
Perfluorohexanoic acid	PFHxA	0.001	ND	ND	ND	ND
Perfluoroheptanoic acid	PFHpA	0.001	ND	ND	ND	ND
Perfluorooctanoic acid	PFOA	0.001	ND	ND	ND	ND
Perfluorononanoic acid	PFNA	0.001	ND	ND	ND	ND
Perfluorodecanoic acid	PFDA	0.001	ND	ND	ND	ND
Perfluoroundecanoic acid	PFUdA	0.001	ND	ND	ND	ND
Perfluorododecanoic acid	PFDoA	0.002	ND	ND	ND	ND
Perfluorotridecanoic acid	PFTTrDA	0.002	ND	ND	ND	ND
Perfluorotetradecanoic acid	PFTeDA	0.002	ND	ND	ND	ND

REPLACEMENT PFAS

Hexafluoropropylene oxide dimer acid	HFPO-DA	0.002	ND	ND	ND	ND
4,8-dioxa-3H-perfluorononanoate	ADONA	0.002	ND	ND	ND	ND
9-chlorohexadecafluoro-3-oxanonane sulfonate	9Cl-PF3ONS	0.002	ND	ND	ND	ND
11-chloroeicosafluoro-3-oxaundecane sulfonate	11Cl-Pf3OUdS	0.002	ND	ND	ND	ND

PERFLUOROALKYL SULFONAMIDES

N-Methyl PFOS-amidoacetic acid	NMeFOSAA	0.002	ND	ND	ND	ND
N-Ethyl PFOS-amidoacetic acid	NEtFOSAA	0.002	ND	ND	ND	ND
Perfluorooctanesulfonamide	FOSA	0.002	ND	ND	ND	ND

PERFLUOROALKYL SULFONATES

Perfluorobutanesulfonate	PFBS	0.002	ND	ND	ND	ND
Perfluoropentanesulfonate	PFPeS	0.002	ND	ND	ND	ND
Perfluorohexanesulfonate	PFHxS	0.002	ND	ND	ND	ND
Perfluoroheptanesulfonate	PFHpS	0.002	ND	ND	ND	ND
Perfluorooctanesulfonate	PFOS	0.002	ND	ND	ND	ND
Perfluorononanesulfonate	PFNS	0.002	ND	ND	ND	ND
Perfluorodecanesulfonate	PFDS	0.002	ND	ND	ND	ND

FLUOROTELOMER SULFONATES

4:2 Fluorotelomer sulfonate	4:2 FtS	0.002	ND	ND	ND	ND
6:2 Fluorotelomer sulfonate	6:2 FtS	0.002	ND	ND	ND	ND
8:2 Fluorotelomer sulfonate	8:2 FtS	0.002	ND	ND	ND	ND

DATA REPORT

Client: KaizenLAB
Contact: Client Services

Date Extracted: 03-Dec-25
Date Analysed: 04-Dec-25

	Client ID:	River @ WTP (348785-1)	Distribution @ WTP (348785-2)	Sundown (348785-3)	Gleneagles (348785-4)
	PRL ID:	PR254794	PR254795	PR254796	PR254797
Compound	DL				

Surrogates (% Recovery)

¹³ C-Perfluorobutanoic acid	MPFBA	105	94	116	109
¹³ C-Perfluoropentanoic acid	MPFPeA	86	86	99	94
¹³ C-Perfluorohexanoic acid	MPFHxA	112	102	114	114
¹³ C-Perfluoroheptanoic acid	MPFHpA	121	105	100	110
¹³ C-Perfluorooctanoic acid	MPFOA	119	101	98	105
¹³ C-Perfluorononanoic acid	MPFNoA	105	95	111	112
¹³ C-Perfluorodecanoic acid	MPFDA	106	95	101	106
¹³ C-Perfluoroundecanoic acid	MPFUdA	96	84	98	96
¹³ C-Perfluorododecanoic acid	MPFDoA	87	82	93	83
¹³ C-Perfluorotetradecanoic acid	MPFTeDA	91	93	86	94
¹³ C-Perfluorobutanesulfonate	MPFBS	100	109	119	117
¹³ C-Perfluorohexanesulfonate	MPFHxS	97	99	114	108
¹³ C-Perfluorooctanesulfonate	MPFOS	113	96	101	106
¹³ C-Hexafluoropropylene oxide	M3HFPODA	113	101	121	123
¹³ C-Perfluorooctanesulfonate	D3NMEFOSAA	94	83	88	88
¹³ C-Perfluorooctanesulfonate	D5NETFOSAA	97	79	96	91
¹³ C-Perfluorooctanesulfonamide	M8FOSA	105	79	103	82
¹³ C-4:2 Fluorotelomer sulfonate	M2-4:2FTS	132	117	128	127
¹³ C-6:2 Fluorotelomer sulfonate	M2-6:2FTS	94	94	105	102
¹³ C-8:2 Fluorotelomer sulfonate	M2-8:2FTS	88	71	93	99

DATA REPORT

Client: KaizenLAB
Contact: Client Services

Date Extracted: 03-Dec-25
Date Analysed: 04-Dec-25

Compound			Client ID:				BLANK
			PRL ID:				FA257151B
			DL µg/L				µg/L
PERFLUOROALKYL ACIDS							
Perfluorobutanoic acid	PFBA	0.001					ND
Perfluoropentanoic acid	PFPeA	0.001					ND
Perfluorohexanoic acid	PFHxA	0.001					ND
Perfluoroheptanoic acid	PFHpA	0.001					ND
Perfluorooctanoic acid	PFOA	0.001					ND
Perfluorononanoic acid	PFNA	0.001					ND
Perfluorodecanoic acid	PFDA	0.001					ND
Perfluoroundecanoic acid	PFUdA	0.001					ND
Perfluorododecanoic acid	PFDoA	0.002					ND
Perfluorotridecanoic acid	PFTriDA	0.002					ND
Perfluorotetradecanoic acid	PFTeDA	0.002					ND

REPLACEMENT PFAS

Hexafluoropropylene oxide dimer acid	HFPO-DA	0.002		ND
4,8-dioxa-3H-perfluorononanoate	ADONA	0.002		ND
9-chlorohexadecafluoro-3-oxanonane sulfonate	9Cl-PF3ONS	0.002		ND
11-chloroeicosafluoro-3-oxaundecane sulfonate	11Cl-Pf3OUdS	0.002		ND

PERFLUOROALKYL SULFONAMIDES

N-Methyl PFOS-amidoacetic acid	NMeFOSAA	0.002		ND
N-Ethyl PFOS-amidoacetic acid	NEtFOSAA	0.002		ND
Perfluorooctanesulfonamide	FOSA	0.002		ND

PERFLUOROALKYL SULFONATES

Perfluorobutanesulfonate	PFBS	0.002		ND
Perfluoropentanesulfonate	PFPeS	0.002		ND
Perfluorohexanesulfonate	PFHxS	0.002		ND
Perfluoroheptanesulfonate	PFHpS	0.002		ND
Perfluorooctanesulfonate	PFOS	0.002		ND
Perfluorononanesulfonate	PFNS	0.002		ND
Perfluorodecanesulfonate	PFDS	0.002		ND

FLUOROTELOMER SULFONATES

4:2 Fluorotelomer sulfonate	4:2 FtS	0.002		ND
6:2 Fluorotelomer sulfonate	6:2 FtS	0.002		ND
8:2 Fluorotelomer sulfonate	8:2 FtS	0.002		ND

DATA REPORT

Client: KaizenLAB
Contact: Client Services

Date Extracted: 03-Dec-25
Date Analysed: 04-Dec-25

Client ID:				BLANK
PRL ID:				FA257151B
DL				

Compound

Surrogates (% Recovery)

¹³ C-Perfluorobutanoic acid	MPFBA				107
¹³ C-Perfluoropentanoic acid	MPFPeA				88
¹³ C-Perfluorohexanoic acid	MPFHxA				109
¹³ C-Perfluoroheptanoic acid	MPFHpA				107
¹³ C-Perfluorooctanoic acid	MPFOA				101
¹³ C-Perfluorononanoic acid	MPFNoA				107
¹³ C-Perfluorodecanoic acid	MPFDA				99
¹³ C-Perfluoroundecanoic acid	MPFUdA				93
¹³ C-Perfluorododecanoic acid	MPFDoA				82
¹³ C-Perfluorotetradecanoic acid	MPFTeDA				81
¹³ C-Perfluorobutanesulfonate	MPFBS				104
¹³ C-Perfluorohexanesulfonate	MPFHxS				106
¹³ C-Perfluorooctanesulfonate	MPFOS				108
¹³ C-Hexafluoropropylene oxide	M3HFPODA				111
¹³ C-Perfluorooctanesulfonate	D3NMEFOSAA				82
¹³ C-Perfluorooctanesulfonate	D5NETFOSAA				90
¹³ C-Perfluorooctanesulfonamide	M8FOSA				90
¹³ C-4:2 Fluorotelomer sulfonate	M2-4:2FTS				113
¹³ C-6:2 Fluorotelomer sulfonate	M2-6:2FTS				114
¹³ C-8:2 Fluorotelomer sulfonate	M2-8:2FTS				93

CHAIN OF CUSTODY RECORD / ANALYSIS REQUEST

Pacific Rim Laboratories Inc. #103, 19575 - 55A Avenue, Surrey, BC V3S 8P8 Tel: 604-532-8711 Fax: 604-532-8712



COMF KaizenLAB

Unit#288 - 2880 45th Ave SE Calgary, AB
T2B3M1

CONTACT: KaizenCSR (kaizencsr@kaizenlab.ca or kaizencsr@gmail.com)

PHONE: (403) 297-0699

Date: _____

SAMPLE ID	PRL ID	DATE SAMPLED	SAMPLE MATRIX	NUMBER OF CONTAINERS										Date Requested	COMMENTS
				Dioxins and Furans	PCB - dioxin-like (12)	PCB - 209 congener	PAH	NDMA	PFAS (PFOA & PFOS)	Nonylphenol					
River @ WTP (348785-1)		2025-11-12 8:00	Water	1							X				PR254794
Distribution @ WTP (348785-2)		2025-11-12 8:15	Water	1							x				PR254795
Sundown (348785-3)		2025-11-12 8:45	Water	1							X				PR254796
Gleneagles (348785-4)		2025-11-12 8:30	Water	1							X				PR254797
Sampler's Signature	Relinquished by:	Company	Date	Time		Received by:									
	MP	KaizenLAB	12-Nov-25	1:20 PM											
Comments:	Method of Shipment	Waybill No.:	Rec'd for PRL:		Date	Time									
JOB#348785_SUB1/ PO#126733			RT		14 Nov 25	4:00pm									
Regular TAT	Shipment Condition	Temp.:	Cooler Opened By:												
		15°C													