

SGS

AXYS

2045 Mills Road West

TEL: (250) 655-5800

Sidney, BC, Canada V8L5X2

TOLL-FREE: 1-888-373-0881

SGS AXYS Client No.: 4066

Client Address: Tetra Tech, Inc. - Pacific Guardian Ctr.  
737 Bishop St., Suite 2340, Mauka Tower  
Honolulu, HI, US, 96813-3201

The SGS AXYS contact for these data is Dale Robinson.

*"This document is issued by the Company under its General Conditions of Service accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.*

*Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law."*

*"The sample(s) to which the findings recorded herein (the "Findings") relate was[were] drawn and [or] provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativeness of any goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is[are] said to be extracted."*

## BATCH SUMMARY

<b>Batch ID:</b>	WG88605	<b>Date:</b>	28-Feb-2024
<b>Analysis Type:</b>	Perfluorinated Organic (Post)	<b>Matrix Type:</b>	Aqueous
<b>BATCH MAKEUP</b>			
<b>Contract:</b>	4066	<b>Blank:</b>	WG88605-101
<b>Samples:</b>			
L40347-2	SIWWTP-EFFL-EB		
L40347-5	SIWWTP-EFFL		
L40347-8	SIWWTP-INFL-EB		
L40347-11	SIWWTP-INFL		
		<b>Reference or Spike:</b>	WG88605-102
		<b>Duplicate:</b>	
<b>Comments:</b>			
<div>1. Data are considered final.</div> <div>2. Data are not blank corrected. Blank data should be taken into consideration when evaluating sample data.</div> <div>3. Blank data should be evaluated against specifications using the same blank sample size as the size of the client samples.</div> <div>4. In the continuing calibration verification (filename: FC4L_024 S:30, S:41, S:49) some surrogates are observed above the upper method control limit. As the result for the associated targets are observed within method specifications data is not considered impacted.</div> <div>5. Percent recoveries of several surrogates in the client samples were observed to be outside the method limits and these surrogates have been flagged with a 'V' on the report forms. As the isotope dilution method of quantification produces data that are recovery corrected, the slight variance from the method acceptance criteria is deemed not to affect the quantification of these analytes. Percent surrogate recoveries are used as a general method performance indicator only.</div>			

## CHAIN OF CUSTODY

2045 Mills Road West TEL: (250) 655-5800 TOLL FREE 1-888-373-0881  
 Sidney, British Columbia, Canada V8L 5X2 FAX: (250) 655-5811

SGS AXYS CLIENT #: 4066

REPORT TO:			INVOICE TO:			ANALYSIS REQUESTED				
Company	Hawaii DOH-HEER Office		Company	TetraTech		MLA-110	MLA-111	MLA-119		
Address	2385 Waimano Home Rd #100 Pearl City, HI 96782		Address	737 Bishop St Ste 2340 Honolulu, HI 96813						
Contact	Roger Brewer		Contact	Eric Jensen						
Phone	888-586-4249		Phone	808-225-7084						
FAX			FAX							
E-mail	roger.brewer@doh.hawaii.gov		E-mail	eric.jensen@tetratech.com						
Project Name/Number:			Sampler's Name:							
Signature:										
Client Sample Identification	Matrix	Sampling Date	Sampling Time	Container Type/No.	SGS AXYS Lab Sample ID (Lab use only)					
SIWWTP-EFFL	H <sub>2</sub> O	9/15/23	7:39am	2 500ml 3. 125ml 2 600ml	L 40347-5	X	X	X		
SIWWTP-INFL	"	9/15/23	7:24am	"	- 11	X	X	X		
SIWWTP-EFFL-EB	"	9/14/23	8:25am	"	- 2	X	X	X		
SIWWTP-INFL-EB	"	9/14/23	8:10am	"	- 8	X	X	X		
Relinquished by (Signature)	Date	Time	Received by (Signature) AJS			Courier		Waybill No.		
<i>Roger B</i>	10/5/23	9:00 am	Date 06-01-2023 Time 09:20							
Relinquished by (Signature)	Date	Time	Received by (Signature)			Sample Receipt				
			Date Time							
Remarks *Filter water samples prior to analysis (0.45 um)						Cooler				
						Temp °C				
						Custody Seal #				
						Seal Intact Y / N				
						Sample Tags Y / N				

## SGS AXYS METHOD MLA-111 Rev 03

## Form 1A

TOTAL OXIDIZABLE PRECURSOR - POSTOXIDATION ANALYSIS  
REPORT

## CLIENT SAMPLE NO.

SIWWTP-EFFL-EB

Sample Collection:

14-Sep-2023 08:25

## SGS AXYS ANALYTICAL SERVICES

2045 MILLS RD., SIDNEY, B.C., CANADA  
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.

SAND ISLAND WWTP

Contract No.: 4066

Lab Sample I.D.:

L40347-2

Matrix: AQUEOUS

Sample Size:

0.0500 L

Sample Receipt Date: 06-Oct-2023

Initial Calibration Date:

01-Mar-2023

Extraction Date: 29-Jan-2024

Instrument ID:

LCMS/MS

Analysis Date: 31-Jan-2024 Time: 21:36:58

Column ID:

C18

Extract Volume (uL): 4000

Sample Data Filename:

FC4L\_024 S: 36

Injection Volume (uL): 2

Blank Data Filename:

FC4L\_024 S: 34

Dilution Factor: N/A

Cal. Ver. Data Filename:

FC4L\_024 S: 30

Concentration Units: ng/L

This page is part of a total report that contains information necessary for accreditation compliance.  
This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG <sup>1</sup>	CONC. FOUND	REPORTING LIMIT (RL) <sup>2</sup>	RATIO	RRT
PFBA	J	41.5	16.0 (Q)	5.14	1.034
PFPeA	J	12.1	8.01 (Q)		1.001
PFHxA	J	9.99	4.00 (Q)		1.000
PFHpA	U		4.00 (Q)		
PFOA	U		4.00 (Q)		
PFNA	U		4.00 (Q)		
PFDA	U		4.00 (Q)		
PFUnA	U		4.00 (Q)		
PFDoA	U		3.20 (Q)		
PFTTrDA	U		4.00 (Q)		
PFTeDA	U		4.00 (Q)		
PFBS	U		4.00 (Q)		
PFPeS	U		4.02 (Q)		
PFHxS	U		4.00 (Q)		
PFHpS	U		4.00 (Q)		
PFOS	U		4.00 (Q)		
PFNS	U		4.00 (Q)		
PFDS	U		4.00 (Q)		
PFDoS	U		4.00 (Q)		
4:2 FTS	U		16.0 (Q)		
6:2 FTS	U		14.4 (Q)		
8:2 FTS	U		13.6 (Q)		
PFOSA	U		4.00 (Q)		
N-MeFOSA	U		4.00 (Q)		
N-EtFOSA	U		11.2 (Q)		
MeFOSAA	U		4.00 (Q)		
EtFOSAA	U		4.00 (Q)		
N-MeFOSE	U		40.0 (Q)		
N-EtFOSE	U		40.0 (Q)		
3:3 FTCA	U		16.0 (Q)		
5:3 FTCA	U		100 (Q)		
7:3 FTCA	U		100 (Q)		

(1) Where applicable, custom lab flags have been used on this report; U = not detected at RL; J = concentration less than limit of quantification.

(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: \_\_\_\_\_Aaron Kyle\_\_\_\_\_



Form 2  
TOTAL OXIDIZABLE PRECURSOR - POSTOXIDATION ANALYSIS  
REPORT

CLIENT SAMPLE NO.  
SIWWTP-EFFL-EB  
Sample Collection:  
14-Sep-2023 08:25

SGS AXYS ANALYTICAL SERVICES

2045 MILLS RD., SIDNEY, B.C., CANADA  
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811  
Contract No.: 4066

Project No. SAND ISLAND WWTP  
Lab Sample I.D.: L40347-2  
Sample Size: 0.0500 L  
Initial Calibration Date: 01-Mar-2023  
Instrument ID: LCMS/MS  
Column ID: C18  
Sample Data Filename: FC4L\_024 S: 36  
Blank Data Filename: FC4L\_024 S: 34  
Cal. Ver. Data Filename: FC4L\_024 S: 30

Matrix: AQUEOUS  
Sample Receipt Date: 06-Oct-2023  
Extraction Date: 29-Jan-2024  
Analysis Date: 31-Jan-2024 Time: 21:36:58  
Extract Volume (uL): 4000  
Injection Volume (uL): 2  
Dilution Factor: N/A  
Concentration Units: ng absolute

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This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELLED COMPOUND	LAB FLAG <sup>1</sup>	SPIKE CONC.	CONC. FOUND	R(%) <sup>2</sup>	RATIO	RRT
13C4-PFBA		40.0	32.5	81.3		1.000
13C5-PFPeA		20.0	18.9	94.5		0.855
13C5-PFHxA		10.0	8.06	80.6	11.4	1.000
13C4-PFHpA		10.0	7.77	77.7		0.878
13C8-PFOA		10.0	8.11	81.1		1.000
13C9-PFNA		5.00	4.91	98.2		1.000
13C6-PFDA		5.00	4.35	86.9		0.999
13C7-PFUnA		5.00	4.11	82.2		1.041
13C2-PFDoA		5.00	3.93	78.6		1.078
13C2-PFTeDA		5.00	2.85	57.0		1.173
13C3-PFBS		10.0	9.59	95.7	2.54	0.770
13C3-PFHxS		10.0	10.1	101	2.51	1.000
13C8-PFOS		10.1	9.81	97.5	2.20	1.001
13C2-4:2 FTS		20.2	16.7	82.9	1.91	0.810
13C2-6:2 FTS		20.0	19.6	98.1	2.29	1.002
13C2-8:2 FTS		20.0	17.5	87.4	3.39	1.261
13C8-PFOSA	V	10.0	18.0	180		1.158
D3-N-MeFOSA		10.0	10.6	106		1.341
D5-N-EtFOSA		10.0	9.63	96.3		1.375
D3-MeFOSAA		20.0	24.1	121		1.298
D5-EtFOSAA		20.0	25.2	126		1.321
d7-NMe-FOSE		100	139	138		1.324
d9-NEt-FOSE		100	129	129		1.360

(1) Where applicable, custom lab flags have been used on this report; V = surrogate recovery is not within method/contract control limits.  
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.  
Signed: \_\_\_\_\_Aaron Kyle\_\_\_\_\_

## SGS AXYS METHOD MLA-111 Rev 03

## Form 1A

TOTAL OXIDIZABLE PRECURSOR - POSTOXIDATION ANALYSIS  
REPORT

## CLIENT SAMPLE NO.

SIWWTP-EFFL

Sample Collection:

15-Sep-2023 07:39

## SGS AXYS ANALYTICAL SERVICES

2045 MILLS RD., SIDNEY, B.C., CANADA  
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.: 4066

Project No.

SAND ISLAND WWTP

Lab Sample I.D.:

L40347-5

Matrix: EFFLUENT FINAL

Sample Size:

0.0623 L

Sample Receipt Date: 06-Oct-2023

Initial Calibration Date:

01-Mar-2023

Extraction Date: 29-Jan-2024

Instrument ID:

LCMS/MS

Analysis Date: 31-Jan-2024 Time: 22:17:26

Column ID:

C18

Extract Volume (uL): 4000

Sample Data Filename:

FC4L\_024 S: 39

Injection Volume (uL): 2

Blank Data Filename:

FC4L\_024 S: 34

Dilution Factor: N/A

Cal. Ver. Data Filename:

FC4L\_024 S: 30

Concentration Units: ng/L

This page is part of a total report that contains information necessary for accreditation compliance.  
This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG <sup>1</sup>	CONC. FOUND	REPORTING LIMIT (RL) <sup>2</sup>	RATIO	RRT
PFBA	U		12.8 (Q)		
PFPeA	J	11.8	6.42 (Q)		1.001
PFHxA	J	10.2	3.21 (Q)	4.90	1.001
PFHpA	J	3.38	3.21 (Q)	2.24	1.000
PFOA	J	4.96	3.21 (Q)	1.96	
PFNA	U		3.21 (Q)		
PFDA	U		3.21 (Q)		
PFUnA	U		3.21 (Q)		
PFDoA	U		2.57 (Q)		
PFTTrDA	U		3.21 (Q)		
PFTeDA	U		3.21 (Q)		
PFBS	J	3.45	3.21 (Q)	3.09	1.000
PFPeS	U		3.23 (Q)		
PFHxS	J	5.30	3.21 (Q)	2.17	
PFHpS	U		3.21 (Q)		
PFOS	J	8.88	3.21 (Q)	3.26	
PFNS	U		3.21 (Q)		
PFDS	U		3.21 (Q)		
PFDoS	U		3.21 (Q)		
4:2 FTS	U		12.8 (Q)		
6:2 FTS	U		11.6 (Q)		
8:2 FTS	U		10.9 (Q)		
PFOSA	U		3.21 (Q)		
N-MeFOSA	U		3.21 (Q)		
N-EtFOSA	U		8.99 (Q)		
MeFOSAA	U		3.21 (Q)		
EtFOSAA	U		3.21 (Q)		
N-MeFOSE	U		32.1 (Q)		
N-EtFOSE	U		32.1 (Q)		
3:3 FTCA	U		12.8 (Q)		
5:3 FTCA	U		80.3 (Q)		
7:3 FTCA	U		80.3 (Q)		

(1) Where applicable, custom lab flags have been used on this report; U = not detected at RL; J = concentration less than limit of quantification.

(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: \_\_\_\_\_Aaron Kyle\_\_\_\_\_





SGS AXYS METHOD MLA-111 Rev 03

Form 2  
TOTAL OXIDIZABLE PRECURSOR - POSTOXIDATION ANALYSIS  
REPORT

CLIENT SAMPLE NO.  
SIWWTP-EFFL  
Sample Collection:  
15-Sep-2023 07:39

SGS AXYS ANALYTICAL SERVICES

2045 MILLS RD., SIDNEY, B.C., CANADA  
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811  
Contract No.: 4066

Project No. SAND ISLAND WWTP  
Lab Sample I.D.: L40347-5  
Sample Size: 0.0623 L  
Initial Calibration Date: 01-Mar-2023  
Instrument ID: LCMS/MS  
Column ID: C18  
Sample Data Filename: FC4L\_024 S: 39  
Blank Data Filename: FC4L\_024 S: 34  
Cal. Ver. Data Filename: FC4L\_024 S: 30

Matrix: EFFLUENT FINAL

Sample Receipt Date: 06-Oct-2023

Extraction Date: 29-Jan-2024

Analysis Date: 31-Jan-2024 Time: 22:17:26

Extract Volume (uL): 4000

Injection Volume (uL): 2

Dilution Factor: N/A

Concentration Units: ng absolute

This page is part of a total report that contains information necessary for accreditation compliance.  
This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELLED COMPOUND	LAB FLAG <sup>1</sup>	SPIKE CONC.	CONC. FOUND	R(%) <sup>2</sup>	RATIO	RRT
13C4-PFBA		40.0	27.9	69.6		0.997
13C5-PFPeA		20.0	19.3	96.4		0.855
13C5-PFHxA		10.0	8.54	85.4	11.5	1.000
13C4-PFHpA		10.0	8.84	88.4		0.878
13C8-PFOA		10.0	8.91	89.1		0.999
13C9-PFNA		5.00	5.03	101		1.000
13C6-PFDA		5.00	4.20	84.0		1.000
13C7-PFUnA		5.00	3.77	75.4		1.041
13C2-PFDoA		5.00	3.09	61.8		1.078
13C2-PFTeDA	V	5.00	1.95	39.0		1.173
13C3-PFBS		10.0	9.45	94.3	2.68	0.770
13C3-PFHxS		10.0	9.32	93.1	2.38	1.001
13C8-PFOS		10.1	9.14	90.8	2.05	1.000
13C2-4:2 FTS		20.2	18.8	93.1	1.93	0.810
13C2-6:2 FTS		20.0	19.1	95.6	2.29	1.002
13C2-8:2 FTS		20.0	18.8	93.8	3.50	1.261
13C8-PFOSA	V	10.0	17.9	179		1.157
D3-N-MeFOSA		10.0	11.4	114		1.340
D5-N-EtFOSA		10.0	9.83	98.3		1.374
D3-MeFOSAA		20.0	25.8	129		1.298
D5-EtFOSAA		20.0	25.2	126		1.321
d7-NMe-FOSE		100	139	138		1.324
d9-NEt-FOSE		100	133	132		1.359

(1) Where applicable, custom lab flags have been used on this report; V = surrogate recovery is not within method/contract control limits.  
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.  
Signed: \_\_\_\_\_Aaron Kyle\_\_\_\_\_

## SGS AXYS METHOD MLA-111 Rev 03

## Form 1A

TOTAL OXIDIZABLE PRECURSOR - POSTOXIDATION ANALYSIS  
REPORT

## CLIENT SAMPLE NO.

SIWWTP-INFL-EB

Sample Collection:

14-Sep-2023 08:10

## SGS AXYS ANALYTICAL SERVICES

2045 MILLS RD., SIDNEY, B.C., CANADA  
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.: 4066

Project No.

SAND ISLAND WWTP

Lab Sample I.D.:

L40347-8

Matrix: AQUEOUS

Sample Size: 0.0518 L

Sample Receipt Date: 06-Oct-2023

Initial Calibration Date: 01-Mar-2023

Extraction Date: 29-Jan-2024

Instrument ID: LCMS/MS

Analysis Date: 31-Jan-2024 Time: 23:25:25

Column ID: C18

Extract Volume (uL): 4000

Sample Data Filename: FC4L\_024 S: 44

Injection Volume (uL): 2

Blank Data Filename: FC4L\_024 S: 34

Dilution Factor: N/A

Cal. Ver. Data Filename: FC4L\_024 S: 41

Concentration Units: ng/L

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COMPOUND	LAB FLAG <sup>1</sup>	CONC. FOUND	REPORTING LIMIT (RL) <sup>2</sup>	RATIO	RRT
PFBA	U		15.4 (Q)		
PFPeA	U		7.72 (Q)		
PFHxA	U		3.86 (Q)		
PFHpA	U		3.86 (Q)		
PFOA	U		3.86 (Q)		
PFNA	U		3.86 (Q)		
PFDA	U		3.86 (Q)		
PFUnA	U		3.86 (Q)		
PFDoA	U		3.09 (Q)		
PFTTrDA	U		3.86 (Q)		
PFTTeDA	U		3.86 (Q)		
PFBS	U		3.86 (Q)		
PFPeS	U		3.88 (Q)		
PFHxS	U		3.86 (Q)		
PFHpS	U		3.86 (Q)		
PFOS	U		3.86 (Q)		
PFNS	U		3.86 (Q)		
PFDS	U		3.86 (Q)		
PFDoS	U		3.86 (Q)		
4:2 FTS	U		15.4 (Q)		
6:2 FTS	U		13.9 (Q)		
8:2 FTS	U		13.1 (Q)		
PFOSA	U		3.86 (Q)		
N-MeFOSA	U		3.86 (Q)		
N-EtFOSA	U		10.8 (Q)		
MeFOSAA	U		3.86 (Q)		
EtFOSAA	U		3.86 (Q)		
N-MeFOSE	U		38.6 (Q)		
N-EtFOSE	U		38.6 (Q)		
3:3 FTCA	U		15.4 (Q)		
5:3 FTCA	U		96.5 (Q)		
7:3 FTCA	U		96.5 (Q)		

(1) Where applicable, custom lab flags have been used on this report; U = not detected at RL.

(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: \_\_\_\_\_Aaron Kyle\_\_\_\_\_



Form 2  
TOTAL OXIDIZABLE PRECURSOR - POSTOXIDATION ANALYSIS  
REPORT

CLIENT SAMPLE NO.  
SIWWTP-INFL-EB  
Sample Collection:  
14-Sep-2023 08:10

SGS AXYS ANALYTICAL SERVICES

2045 MILLS RD., SIDNEY, B.C., CANADA  
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811  
Contract No.: 4066

Project No. SAND ISLAND WWTP  
Lab Sample I.D.: L40347-8  
Sample Size: 0.0518 L  
Initial Calibration Date: 01-Mar-2023  
Instrument ID: LCMS/MS  
Column ID: C18  
Sample Data Filename: FC4L\_024 S: 44  
Blank Data Filename: FC4L\_024 S: 34  
Cal. Ver. Data Filename: FC4L\_024 S: 41

Matrix: AQUEOUS  
Sample Receipt Date: 06-Oct-2023  
Extraction Date: 29-Jan-2024  
Analysis Date: 31-Jan-2024 Time: 23:25:25  
Extract Volume (uL): 4000  
Injection Volume (uL): 2  
Dilution Factor: N/A  
Concentration Units: ng absolute

This page is part of a total report that contains information necessary for accreditation compliance.  
This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELLED COMPOUND	LAB FLAG <sup>1</sup>	SPIKE CONC.	CONC. FOUND	R(%) <sup>2</sup>	RATIO	RRT
13C4-PFBA	V	40.0	15.0	37.6		1.000
13C5-PFPeA		20.0	16.7	83.7		0.855
13C5-PFHxA		10.0	7.50	75.0	11.0	1.000
13C4-PFHpA		10.0	7.35	73.5		0.879
13C8-PFOA		10.0	7.58	75.8		1.000
13C9-PFNA		5.00	4.38	87.5		1.000
13C6-PFDA		5.00	4.06	81.1		0.999
13C7-PFUnA		5.00	3.79	75.7		1.041
13C2-PFDoA		5.00	3.49	69.7		1.077
13C2-PFTeDA	V	5.00	2.19	43.8		1.173
13C3-PFBS		10.0	9.27	92.5	2.61	0.770
13C3-PFHxS		10.0	9.50	94.9	2.38	1.000
13C8-PFOS		10.1	9.52	94.6	2.13	1.000
13C2-4:2 FTS		20.2	18.3	90.6	1.83	0.810
13C2-6:2 FTS		20.0	19.6	98.2	2.30	1.002
13C2-8:2 FTS		20.0	18.4	91.7	3.42	1.261
13C8-PFOSA	V	10.0	18.3	183		1.158
D3-N-MeFOSA		10.0	11.6	116		1.340
D5-N-EtFOSA		10.0	10.1	101		1.375
D3-MeFOSAA		20.0	27.3	137		1.298
D5-EtFOSAA		20.0	24.6	123		1.321
d7-NMe-FOSE		100	141	140		1.324
d9-NEt-FOSE		100	131	131		1.360

(1) Where applicable, custom lab flags have been used on this report; V = surrogate recovery is not within method/contract control limits.  
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.  
Signed: \_\_\_\_\_Aaron Kyle\_\_\_\_\_

TOTAL OXIDIZABLE PRECURSOR - POSTOXIDATION ANALYSIS  
REPORT

SGS AXYS ANALYTICAL SERVICES

2045 MILLS RD., SIDNEY, B.C., CANADA  
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811  
Contract No.: 4066

Project No. SAND ISLAND WWTP  
Lab Sample I.D.: L40347-11  
Sample Size: 0.0602 L  
Initial Calibration Date: 01-Mar-2023  
Instrument ID: LCMS/MS  
Column ID: C18  
Sample Data Filename: FC4L\_024 S: 47  
Blank Data Filename: FC4L\_024 S: 34  
Cal. Ver. Data Filename: FC4L\_024 S: 41

Matrix: INFLUENT  
Sample Receipt Date: 06-Oct-2023  
Extraction Date: 29-Jan-2024  
Analysis Date: 01-Feb-2024 Time: 00:05:53  
Extract Volume (uL): 4000  
Injection Volume (uL): 2  
Dilution Factor: N/A  
Concentration Units: ng/L

This page is part of a total report that contains information necessary for accreditation compliance.  
This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG <sup>1</sup>	CONC. FOUND	REPORTING LIMIT (RL) <sup>2</sup>	RATIO	RRT
PFBA	U		13.3 (Q)		
PFPeA	J	11.9	6.64 (Q)		1.001
PFHxA	J	9.55	3.32 (Q)	5.03	1.000
PFHpA	J	3.49	3.32 (Q)	2.45	0.999
PFOA	J	6.09	3.32 (Q)	2.74	
PFNA	U		3.32 (Q)		
PFDA	U		3.32 (Q)		
PFUnA	U		3.32 (Q)		
PFDaA	U		2.66 (Q)		
PFTTrDA	U		3.32 (Q)		
PFTeDA	U		3.32 (Q)		
PFBS	U		3.32 (Q)		
PFPeS	U		3.34 (Q)		
PFHxS	J	4.29	3.32 (Q)	2.10	
PFHpS	U		3.32 (Q)		
PFOS	J	7.32	3.32 (Q)	2.38	
PFNS	U		3.32 (Q)		
PFDS	U		3.32 (Q)		
PFDoS	U		3.32 (Q)		
4:2 FTS	U		13.3 (Q)		
6:2 FTS	U		12.0 (Q)		
8:2 FTS	U		11.3 (Q)		
PFOSA	U		3.32 (Q)		
N-MeFOSA	U		3.32 (Q)		
N-EtFOSA	U		9.30 (Q)		
MeFOSAA	U		3.32 (Q)		
EtFOSAA	U		3.32 (Q)		
N-MeFOSE	U		33.2 (Q)		
N-EtFOSE	U		33.2 (Q)		
3:3 FTCA	U		13.3 (Q)		
5:3 FTCA	U		83.1 (Q)		
7:3 FTCA	U		83.1 (Q)		

(1) Where applicable, custom lab flags have been used on this report; U = not detected at RL; J = concentration less than limit of quantification.  
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: \_\_\_\_\_Aaron Kyle\_\_\_\_\_



SGS AXYS METHOD MLA-111 Rev 03

Form 2  
TOTAL OXIDIZABLE PRECURSOR - POSTOXIDATION ANALYSIS  
REPORT

CLIENT SAMPLE NO.  
SIWWTP-INFL  
Sample Collection:  
15-Sep-2023 07:24

SGS AXYS ANALYTICAL SERVICES

2045 MILLS RD., SIDNEY, B.C., CANADA  
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.: 4066

Project No.

SAND ISLAND WWTP

Lab Sample I.D.:

L40347-11

Matrix: INFLUENT

Sample Size: 0.0602 L

Sample Receipt Date: 06-Oct-2023

Initial Calibration Date: 01-Mar-2023

Extraction Date: 29-Jan-2024

Instrument ID: LCMS/MS

Analysis Date: 01-Feb-2024 Time: 00:05:53

Column ID: C18

Extract Volume (uL): 4000

Sample Data Filename: FC4L\_024 S: 47

Injection Volume (uL): 2

Blank Data Filename: FC4L\_024 S: 34

Dilution Factor: N/A

Cal. Ver. Data Filename: FC4L\_024 S: 41

Concentration Units: ng absolute

This page is part of a total report that contains information necessary for accreditation compliance.  
This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELLED COMPOUND	LAB FLAG <sup>1</sup>	SPIKE CONC.	CONC. FOUND	R(%) <sup>2</sup>	RATIO	RRT
13C4-PFBA		40.0	31.0	77.4		0.997
13C5-PFPeA		20.0	19.4	97.0		0.854
13C5-PFHxA		10.0	8.59	85.9	11.5	1.000
13C4-PFHpA		10.0	8.72	87.2		0.878
13C8-PFOA		10.0	8.42	84.2		0.999
13C9-PFNA		5.00	4.59	91.7		0.999
13C6-PFDA		5.00	4.30	86.1		0.999
13C7-PFUnA		5.00	4.22	84.3		1.041
13C2-PFDoA		5.00	4.15	83.0		1.077
13C2-PFTeDA		5.00	2.56	51.2		1.173
13C3-PFBS		10.0	9.54	95.2	2.65	0.770
13C3-PFHxS		10.0	10.3	103	2.51	1.000
13C8-PFOS		10.1	9.93	98.7	2.19	1.000
13C2-4:2 FTS		20.2	18.8	93.2	1.83	0.810
13C2-6:2 FTS		20.0	18.5	92.4	2.33	1.002
13C2-8:2 FTS		20.0	18.4	92.0	3.49	1.261
13C8-PFOSA	V	10.0	18.2	182		1.157
D3-N-MeFOSA		10.0	11.5	115		1.340
D5-N-EtFOSA		10.0	9.88	98.8		1.374
D3-MeFOSAA		20.0	26.2	131		1.298
D5-EtFOSAA		20.0	25.1	125		1.321
d7-NMe-FOSE		100	145	144		1.324
d9-NEt-FOSE		100	133	133		1.359

(1) Where applicable, custom lab flags have been used on this report; V = surrogate recovery is not within method/contract control limits.  
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.  
Signed: \_\_\_\_\_Aaron Kyle\_\_\_\_\_

## SGS AXYS METHOD MLA-111 Rev 03

## Form 1A

TOTAL OXIDIZABLE PRECURSOR - POSTOXIDATION ANALYSIS  
REPORT

## CLIENT SAMPLE NO.

Lab Blank

Sample Collection:

N/A

## SGS AXYS ANALYTICAL SERVICES

2045 MILLS RD., SIDNEY, B.C., CANADA  
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.: 4066

Project No.

N/A

Lab Sample I.D.:

WG88605-101

Matrix: AQUEOUS

Sample Size: 0.0600 L

Sample Receipt Date: N/A

Initial Calibration Date: 01-Mar-2023

Extraction Date: 29-Jan-2024

Instrument ID: LCMS/MS

Analysis Date: 31-Jan-2024 Time: 21:09:43

Column ID: C18

Extract Volume (uL): 4000

Sample Data Filename: FC4L\_024 S: 34

Injection Volume (uL): 2

Blank Data Filename: FC4L\_024 S: 34

Dilution Factor: N/A

Cal. Ver. Data Filename: FC4L\_024 S: 30

Concentration Units: ng/L

This page is part of a total report that contains information necessary for accreditation compliance.  
This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG <sup>1</sup>	CONC. FOUND	REPORTING LIMIT (RL) <sup>2</sup>	RATIO	RRT
PFBA	U		13.3 (Q)		
PFPeA	U		6.67 (Q)		
PFHxA	U		3.33 (Q)		
PFFHpA	U		3.33 (Q)		
PFOA	U		3.33 (Q)		
PFNA	U		3.33 (Q)		
PFDA	U		3.33 (Q)		
PFFUnA	U		3.33 (Q)		
PFFDoA	U		2.67 (Q)		
PFFTrDA	U		3.33 (Q)		
PFFTeDA	U		3.33 (Q)		
PFBS	U		3.33 (Q)		
PFFPeS	U		3.35 (Q)		
PFHxS	U		3.33 (Q)		
PFFHpS	U		3.33 (Q)		
PFOS	U		3.33 (Q)		
PFNS	U		3.33 (Q)		
PFDS	U		3.33 (Q)		
PFFDoS	U		3.33 (Q)		
4:2 FTS	U		13.3 (Q)		
6:2 FTS	U		12.0 (Q)		
8:2 FTS	U		11.3 (Q)		
PFOSA	U		3.33 (Q)		
N-MeFOSA	U		3.33 (Q)		
N-EtFOSA	U		9.33 (Q)		
MeFOSAA	U		3.33 (Q)		
EtFOSAA	U		3.33 (Q)		
N-MeFOSE	U		33.3 (Q)		
N-EtFOSE	U		33.3 (Q)		
3:3 FTCA	U		13.3 (Q)		
5:3 FTCA	U		83.3 (Q)		
7:3 FTCA	U		83.3 (Q)		

(1) Where applicable, custom lab flags have been used on this report; U = not detected at RL.

(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: \_\_\_\_\_Aaron Kyle\_\_\_\_\_





TOTAL OXIDIZABLE PRECURSOR - POSTOXIDATION ANALYSIS  
REPORT

SGS AXYS ANALYTICAL SERVICES

2045 MILLS RD., SIDNEY, B.C., CANADA  
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811  
Contract No.: 4066

Project No. N/A  
Lab Sample I.D.: WG88605-101  
Sample Size: 0.0600 L  
Initial Calibration Date: 01-Mar-2023  
Instrument ID: LCMS/MS  
Column ID: C18  
Sample Data Filename: FC4L\_024 S: 34  
Blank Data Filename: FC4L\_024 S: 34  
Cal. Ver. Data Filename: FC4L\_024 S: 30

Matrix: AQUEOUS  
Sample Receipt Date: N/A  
Extraction Date: 29-Jan-2024  
Analysis Date: 31-Jan-2024 Time: 21:09:43  
Extract Volume (uL): 4000  
Injection Volume (uL): 2  
Dilution Factor: N/A  
Concentration Units: ng absolute

This page is part of a total report that contains information necessary for accreditation compliance.  
This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELLED COMPOUND	LAB FLAG <sup>1</sup>	SPIKE CONC.	CONC. FOUND	R(%) <sup>2</sup>	RATIO	RRT
13C4-PFBA	V	40.0	15.1	37.8		1.000
13C5-PFPeA		20.0	16.7	83.4		0.855
13C5-PFHxA		10.0	7.60	76.0	12.4	1.000
13C4-PFHpA		10.0	7.92	79.2		0.879
13C8-PFOA		10.0	8.18	81.8		1.000
13C9-PFNA		5.00	4.53	90.5		1.000
13C6-PFDA		5.00	4.32	86.4		1.000
13C7-PFUnA		5.00	4.10	81.9		1.041
13C2-PFDoA		5.00	3.86	77.2		1.077
13C2-PFTeDA		5.00	2.87	57.5		1.174
13C3-PFBS		10.0	9.34	93.2	2.47	0.770
13C3-PFHxS		10.0	9.91	99.0	2.43	1.000
13C8-PFOS		10.1	10.2	101	2.23	0.999
13C2-4:2 FTS		20.2	18.6	92.1	1.96	0.810
13C2-6:2 FTS		20.0	18.9	94.5	2.22	1.002
13C2-8:2 FTS		20.0	17.5	87.1	3.52	1.261
13C8-PFOSA	V	10.0	18.5	185		1.157
D3-N-MeFOSA		10.0	11.2	112		1.340
D5-N-EtFOSA		10.0	10.0	100		1.374
D3-MeFOSAA		20.0	25.5	128		1.298
D5-EtFOSAA		20.0	25.1	126		1.320
d7-NMe-FOSE		100	142	142		1.324
d9-NEt-FOSE		100	133	132		1.359

(1) Where applicable, custom lab flags have been used on this report; V = surrogate recovery is not within method/contract control limits.  
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.  
Signed: \_\_\_\_\_Aaron Kyle\_\_\_\_\_

PERFLUORINATED ORGANICS ONGOING PRECISION AND RECOVERY (OPR)

SGS AXYS ANALYTICAL SERVICES

2045 MILLS RD., SIDNEY, B.C., CANADA  
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	4066	Lab Sample I.D.:	WG88605-102
Matrix:	AQUEOUS	Initial Calibration Date:	01-Mar-2023
Extraction Date:	29-Jan-2024	Instrument ID:	LCMS/MS
Analysis Date:	31-Jan-2024 Time: 20:42:20	Column ID:	C18
Extract Volume (uL):	4000	OPR Data Filename:	FC4L_024 S: 32
Injection Volume (uL):	2	Blank Data Filename:	FC4L_024 S: 34
Dilution Factor:	N/A	Cal. Ver. Data Filename:	FC4L_024 S: 30

ALL CONCENTRATIONS REPORTED ON THIS FORM ARE CONCENTRATIONS IN EXTRACT, BASED ON A 1 mL EXTRACT VOLUME.

COMPOUND	LAB FLAG <sup>1</sup>	RATIO	SPIKE CONC. (ng/mL)	CONC. FOUND (ng/mL)	% RECOVERY	RRT
PFBA			45.2	52.4	116	1.003
PFPeA			33.3	33.8	102	1.000
PFHxA		4.50	32.1	29.9	93.2	1.000
PFHpA		2.11	28.8	24.8	86.0	1.000
PFOA		2.07	100	114	113	
PFNA		2.60	7.88	7.41	94.1	
PFDA		2.90	5.00	4.73	94.7	1.000
PFUnA		4.12	5.00	5.30	106	1.000
PFDoA		8.35	5.00	4.51	90.3	0.999
PFTTrDA		3.09	5.00	5.51	110	0.956
PFTeDA		2.58	5.00	4.95	99.0	1.000
PFBS		2.62	5.00	5.25	105	1.000
PFPeS		2.15	4.98	4.99	100	0.868
PFHxS		2.40	5.00	4.89	97.7	
PFHpS		2.03	5.01	5.61	112	0.938
PFOS		2.63	5.42	5.46	101	
PFNS		2.38	5.00	4.61	92.1	1.041
PFDS		2.41	5.00	4.87	97.4	1.079
PFDoS		2.29	5.00	4.07	81.5	1.182
4:2 FTS	U		100		0	
6:2 FTS	U		100		0	
8:2 FTS	U		100		0	
MeFOSAA	U		70.0		0	
EtFOSAA	U		70.0		0	

(1) Where applicable, custom lab flags have been used on this report; U = not detected at RL.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: \_\_\_\_\_Aaron Kyle\_\_\_\_\_

These pages are part of a larger report that may contain information necessary for full data evaluation. Results reported relate only to the sample tested.

For Axys Internal Use Only [ XSL Template: FC2-Form8A.xsl; Created: 28-Feb-2024 09:52:49; Application: XMLTransformer-1.18.48; Report Filename: PFC\_FC\_LC\_PFA POSTTOP\_WG88605-102\_Form8A\_SJ3388720.html; Workgroup: WG88605; Design ID: 3989 ]

PERFLUORINATED ORGANICS ONGOING PRECISION AND RECOVERY (OPR)

SGS AXYS ANALYTICAL SERVICES

2045 MILLS RD., SIDNEY, B.C., CANADA  
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	4066	Lab Sample I.D.:	WG88605-102
Matrix:	AQUEOUS	Initial Calibration Date:	01-Mar-2023
Extraction Date:	29-Jan-2024	Instrument ID:	LCMS/MS
Analysis Date:	31-Jan-2024 Time: 20:42:20	Column ID:	C18
Extract Volume (uL):	4000	OPR Data Filename:	FC4L_024 S: 32
Injection Volume (uL):	2	Blank Data Filename:	FC4L_024 S: 34
Dilution Factor:	N/A	Cal. Ver. Data Filename:	FC4L_024 S: 30

ALL CONCENTRATIONS REPORTED ON THIS FORM ARE CONCENTRATIONS IN EXTRACT, BASED ON A 1 mL EXTRACT VOLUME.

LABELLED COMPOUND	LAB FLAG <sup>1</sup>	RATIO	SPIKE CONC. (ng/mL)	CONC. FOUND (ng/mL)	% RECOVERY	RRT
13C4-PFBA			40.0	28.4	71.0	1.000
13C5-PFPeA			20.0	16.9	84.7	0.854
13C5-PFHxA		12.2	10.0	7.51	75.1	1.000
13C4-PFHpA			10.0	7.85	78.5	0.879
13C8-PFOA			10.0	7.69	76.9	1.000
13C9-PFNA			5.00	4.70	94.0	1.000
13C6-PFDA			5.00	4.45	89.0	1.000
13C7-PFUnA			5.00	4.13	82.5	1.042
13C2-PFDoA			5.00	4.07	81.3	1.078
13C2-PFTeDA			5.00	3.13	62.6	1.173
13C3-PFBS		2.74	10.0	9.43	94.1	0.770
13C3-PFHxS		2.46	10.0	9.88	98.7	1.000
13C8-PFOS		2.09	10.1	9.99	99.2	1.000
13C2-4:2 FTS		1.80	20.2	18.7	92.9	0.810
13C2-6:2 FTS		2.17	20.0	18.8	93.9	1.002
13C2-8:2 FTS		3.32	20.0	17.7	88.3	1.262
D3-MeFOSAA			20.0	25.2	126	1.299
D5-EtFOSAA			20.0	24.3	122	1.321

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: \_\_\_\_\_Aaron Kyle\_\_\_\_\_

These pages are part of a larger report that may contain information necessary for full data evaluation. Results reported relate only to the sample tested.

## SGS AXYS METHOD MLA-111 Rev 03

## Form 3A

## INITIAL CALIBRATION RELATIVE RESPONSES

## SGS AXYS ANALYTICAL SERVICES

2045 MILLS RD., SIDNEY, B.C., CANADA  
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 01-Mar-2023

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: N/A

CS1 Data Filename: FC3L\_107 S: 16

CS2 Data Filename: FC3L\_107 S: 17

CS3 Data Filename: FC3L\_107 S: 18

CS4 Data Filename: FC3L\_107 S: 19

CS5 Data Filename: FC3L\_107 S: 20

CS6 Data Filename: FC3L\_107 S: 21

CS7 Data Filename: FC3L\_107 S: 22

CS8 Data Filename: FC3L\_107 S: 23

COMPOUND	LAB FLAG <sup>1</sup>	RELATIVE RESPONSE (RR)								MEAN RR	CV (%RSD) <sup>2</sup>	
		CS0	CS1	CS2	CS3	CS4	CS5	CS6	CS7			CS8
PFBA			0.86	0.83	0.85	0.81	0.85	0.82	0.82	0.82	0.83	2.14
PFPeA			1.14	1.11	1.07	0.98	1.07	1.04	1.00	1.00	1.05	5.39
PFHxA			1.33	1.23	1.13	1.03	1.04	1.00	1.01	1.05	1.10	11.0
PFFHpA			1.15	1.24	1.20	1.13	1.16	1.11	1.13	1.13	1.16	3.70
PFOA			1.47	1.32	1.34	1.34	1.26	1.29	1.28	1.27	1.32	5.22
PFNA			1.08	1.00	0.99	1.04	0.99	0.99	0.98	0.97	1.01	3.77
PFDA			0.83	0.74	0.70	0.66	0.74	0.67	0.70	0.68	0.71	7.38
PFFUnA			0.78	0.76	0.77	0.70	0.75	0.71	0.70	0.70	0.73	4.69
PFFDoA			1.18	1.14	1.11	1.12	1.17	1.09	1.07	1.02	1.11	4.78
PFFTrDA			0.98	0.92	0.84	0.81	0.83	0.80	0.80	0.75	0.84	8.87
PFFTeDA			0.87	0.83	0.77	0.75	0.78	0.76	0.74	0.68	0.77	7.62
PFBS			1.14	1.01	1.05	1.05	1.08	1.04	1.06	1.04	1.06	3.67
PFPeS			1.00	0.92	0.99	0.95	1.01	0.94	0.96	0.91	0.96	3.99
PFHxS			1.37	1.28	1.26	1.14	1.26	1.16	1.19	1.20	1.23	6.14
PFFHpS			1.11	1.09	1.00	0.97	1.02	0.99	1.00	0.93	1.01	5.99
PFFOS			1.25	1.14	1.12	1.02	1.11	1.17	1.10	1.06	1.12	6.16
PFNS			1.05	1.00	1.02	0.97	1.01	0.96	0.99	0.97	0.99	2.96
PFDS			0.93	0.97	0.92	0.89	0.94	0.93	0.95	0.94	0.94	2.43
PFFDoS			0.84	0.82	0.86	0.79	0.86	0.84	0.87	0.87	0.85	3.31
4:2 FTS			0.53	0.50	0.49	0.45	0.49	0.47	0.45	0.42	0.47	7.27
6:2 FTS			0.51	0.46	0.48	0.43	0.46	0.44	0.43	0.40	0.45	7.25
8:2 FTS			0.35	0.30	0.32	0.30	0.32	0.30	0.30	0.25	0.31	9.70
PFFOSA			0.97	0.96	0.93	0.89	0.92	0.90	0.90	0.91	0.92	3.33
N-MeFOSA			0.90	1.05	0.93	0.93	0.92	0.96	0.95	0.90	0.94	4.82
N-EtFOSA			1.15	1.14	1.08	1.10	1.18	1.10	1.18	1.13	1.13	3.25
MeFOSAA			0.87	0.93	1.00	0.91	0.94	0.88	0.86		0.91	5.56
EtFOSAA			0.77	0.75	0.68	0.75	0.78	0.73	0.74		0.74	4.16
N-MeFOSE			0.81	0.78	0.77	0.74	0.77	0.76	0.74	0.73	0.76	3.65
N-EtFOSE			1.08	1.03	1.03	0.99	1.04	1.02	1.01	0.98	1.02	3.19
3:3 FTCA			0.07	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.07	8.61
5:3 FTCA			0.18	0.16	0.17	0.17	0.17	0.17	0.18	0.21	0.18	7.83
7:3 FTCA			0.10	0.10	0.10	0.10	0.10	0.10	0.11	0.12	0.10	7.99

(1) Where applicable, custom lab flags have been used on this report.

(2) For contract CV specifications, see SGS AXYS METHOD MLA-111 Rev 03

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: \_\_\_\_\_ Jordan Berends \_\_\_\_\_

## SGS AXYS METHOD MLA-111 Rev 03

Form 3B  
INITIAL CALIBRATION RELATIVE RESPONSES

## SGS AXYS ANALYTICAL SERVICES

2045 MILLS RD., SIDNEY, B.C., CANADA  
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 01-Mar-2023

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: N/A

CS1 Data Filename: FC3L\_107 S: 16

CS2 Data Filename: FC3L\_107 S: 17

CS3 Data Filename: FC3L\_107 S: 18

CS4 Data Filename: FC3L\_107 S: 19

CS5 Data Filename: FC3L\_107 S: 20

CS6 Data Filename: FC3L\_107 S: 21

CS7 Data Filename: FC3L\_107 S: 22

CS8 Data Filename: FC3L\_107 S: 23

Labeled Compound	Lab Flag <sup>1</sup>	Relative Response (RR)								Mean RR	CV (%RSD) <sup>2</sup>	
		CS0	CS1	CS2	CS3	CS4	CS5	CS6	CS7			CS8
13C4-PFBA			1.07	1.11	1.08	1.05	1.08	1.09	1.09	1.07	1.08	1.60
13C5-PFPeA			0.93	0.95	0.93	0.92	0.94	0.93	0.95	0.90	0.93	1.71
13C5-PFHxA			0.65	0.70	0.66	0.64	0.69	0.66	0.66	0.63	0.66	3.33
13C4-PFHpA			3.41	3.65	3.45	3.36	3.21	3.53	3.36	3.31	3.41	3.96
13C8-PFOA			3.71	3.92	3.85	3.61	3.62	3.81	3.68	3.81	3.75	3.04
13C9-PFNA			1.02	1.04	1.03	1.05	1.06	1.05	1.04	1.02	1.04	1.56
13C6-PFDA			0.99	1.10	1.05	1.02	1.02	1.04	1.00	1.01	1.03	3.30
13C7-PFUnA			1.07	1.14	1.11	1.07	1.10	1.09	1.06	1.04	1.08	3.02
13C2-PFDoA			0.88	0.94	0.91	0.85	0.87	0.90	0.88	0.95	0.90	3.90
13C2-PFTeDA			0.92	0.98	0.98	0.94	0.98	0.96	0.96	1.06	0.97	4.24
13C3-PFBS			1.31	1.40	1.31	1.24	1.37	1.30	1.25	1.08	1.28	7.48
13C3-PFHxS			1.10	1.15	1.12	1.07	1.12	1.11	1.12	1.10	1.11	2.19
13C8-PFOS			1.04	1.03	1.05	1.06	1.05	1.04	0.99	1.05	1.04	1.93
13C2-4:2 FTS			1.22	1.17	1.10	1.15	1.11	1.01	0.95	0.92	1.08	9.94
13C2-6:2 FTS			1.00	1.00	0.94	0.97	0.98	0.93	0.97	1.01	0.98	2.97
13C2-8:2 FTS			1.49	1.45	1.42	1.44	1.43	1.34	1.33	1.40	1.41	3.76
13C8-PFOSA			1.72	1.76	1.77	1.72	1.77	1.75	1.73	1.93	1.77	3.87
D3-N-MeFOSA			0.24	0.26	0.27	0.26	0.27	0.25	0.25	0.28	0.26	5.17
D5-N-EtFOSA			0.25	0.26	0.26	0.25	0.25	0.26	0.24	0.26	0.25	3.36
D3-MeFOSAA			0.45	0.45	0.46	0.42	0.47	0.50	0.62		0.48	13.6
D5-EtFOSAA			0.40	0.40	0.39	0.39	0.42	0.43	0.52		0.42	10.7
d7-NMe-FOSE			2.21	2.19	2.26	2.22	2.24	2.17	2.19	2.37	2.23	2.77
d9-NEt-FOSE			1.85	1.84	1.90	1.88	1.88	1.83	1.80	1.95	1.87	2.49

(1) Where applicable, custom lab flags have been used on this report.

(2) For contract CV specifications, see SGS AXYS METHOD MLA-111 Rev 03.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: \_\_\_\_\_ Jordan Berends \_\_\_\_\_

Form 3C  
LC MS/MS INITIAL CALIBRATION RATIOS

SGS AXYS ANALYTICAL SERVICES

2045 MILLS RD., SIDNEY, B.C., CANADA  
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 01-Mar-2023

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: N/A  
CS1 Data Filename: FC3L\_107 S: 16  
CS2 Data Filename: FC3L\_107 S: 17  
CS3 Data Filename: FC3L\_107 S: 18  
CS4 Data Filename: FC3L\_107 S: 19  
CS5 Data Filename: FC3L\_107 S: 20  
CS6 Data Filename: FC3L\_107 S: 21  
CS7 Data Filename: FC3L\_107 S: 22  
CS8 Data Filename: FC3L\_107 S: 23

COMPOUND	LAB FLAG <sup>1</sup>	RATIOS								
		CS0	CS1	CS2	CS3	CS4	CS5	CS6	CS7	CS8
PFBA										
PFPeA										
PFHxA			5.24	5.95	5.71	5.10	5.29	5.21	5.37	5.23
PFHpA			2.11	2.24	2.38	2.36	2.23	2.23	2.23	2.21
PFOA			2.14	1.90	2.05	2.03	1.95	1.99	2.00	1.99
PFNA			2.97	2.71	2.79	2.82	2.69	2.84	2.83	2.78
PFDA			3.28	3.99	2.90	3.07	3.10	2.98	3.12	3.01
PFUnA			5.66	5.27	4.47	4.61	4.63	4.60	4.49	4.49
PFDaA			7.35	7.43	7.38	7.72	7.38	7.27	7.30	7.39
PFTTrDA			3.39	3.56	3.13	3.19	3.16	3.16	3.17	3.20
PFTeDA			2.56	2.87	2.55	2.81	2.83	2.83	2.78	2.79
PFBS			2.64	2.75	2.72	2.70	2.75	2.74	2.76	2.72
PFPeS			2.35	2.06	2.47	2.30	2.27	2.33	2.37	2.34
PFHxS			2.33	2.29	2.49	2.42	2.61	2.44	2.50	2.45
PFHpS			2.38	2.02	2.09	2.03	2.15	2.08	2.09	2.07
PFOS			2.07	2.49	2.62	2.63	2.60	2.67	2.61	2.60
PFNS			2.39	2.19	2.34	2.41	2.27	2.28	2.24	2.30
PFDS			2.05	2.40	2.30	2.33	2.30	2.30	2.31	2.30
PFDoS			1.86	2.05	2.15	2.13	2.14	2.23	2.18	2.21
4:2 FTS			0.45	0.45	0.45	0.43	0.45	0.45	0.44	0.45
6:2 FTS			0.44	0.42	0.43	0.40	0.41	0.41	0.41	0.42
8:2 FTS			0.55	0.48	0.51	0.53	0.52	0.53	0.53	0.54
PFOSA										
N-MeFOSA			0.48	0.60	0.52	0.53	0.53	0.53	0.54	0.53
N-EtFOSA			0.49	0.53	0.49	0.51	0.52	0.53	0.54	0.53
MeFOSAA			1.36	2.00	2.51	2.02	1.92	1.89	1.91	
EtFOSAA			1.43	1.05	1.05	1.25	1.14	1.12	1.15	
N-MeFOSE										
N-EtFOSE										
3:3 FTCA			1.60	1.42	1.60	1.50	1.59	1.60	1.57	1.60
5:3 FTCA			1.37	1.31	1.40	1.40	1.39	1.40	1.41	1.41
7:3 FTCA			0.62	0.67	0.65	0.68	0.66	0.64	0.66	0.66

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: \_\_\_\_\_ Jordan Berends \_\_\_\_\_

Form 3D  
LC MS/MS INITIAL CALIBRATION RATIOS

SGS AXYS ANALYTICAL SERVICES

2045 MILLS RD., SIDNEY, B.C., CANADA  
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 01-Mar-2023

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: N/A  
CS1 Data Filename: FC3L\_107 S: 16  
CS2 Data Filename: FC3L\_107 S: 17  
CS3 Data Filename: FC3L\_107 S: 18  
CS4 Data Filename: FC3L\_107 S: 19  
CS5 Data Filename: FC3L\_107 S: 20  
CS6 Data Filename: FC3L\_107 S: 21  
CS7 Data Filename: FC3L\_107 S: 22  
CS8 Data Filename: FC3L\_107 S: 23

LABELED COMPOUND	LAB FLAG <sup>1</sup>	RATIOS								
		CS0	CS1	CS2	CS3	CS4	CS5	CS6	CS7	CS8
13C4-PFBA										
13C5-PFPeA										
13C5-PFHxA			14.8	14.6	14.9	13.9	14.9	15.4	16.1	14.7
13C4-PFHpA										
13C8-PFOA										
13C9-PFNA										
13C6-PFDA										
13C7-PFUnA										
13C2-PFDoA										
13C2-PFTeDA										
13C3-PFBS			2.83	2.71	2.68	2.63	2.82	2.82	2.70	2.77
13C3-PFHxS			2.45	2.41	2.44	2.36	2.39	2.49	2.50	2.50
13C8-PFOS			2.24	2.18	2.09	2.25	2.16	2.28	2.19	2.17
13C2-4:2 FTS			1.85	1.81	1.78	1.77	1.74	1.51	1.22	0.55
13C2-6:2 FTS			2.22	2.19	2.07	2.13	2.03	1.83	1.52	0.74
13C2-8:2 FTS			3.37	3.31	3.31	3.25	3.06	2.99	2.34	1.27
13C8-PFOSA										
D3-N-MeFOSA										
D5-N-EtFOSA										
D3-MeFOSAA										
D5-EtFOSAA										
d7-NMe-FOSE										
d9-NEt-FOSE										

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: \_\_\_\_\_Jordan Berends\_\_\_\_\_



Form 4A  
LC MS/MS CALIBRATION VERIFICATION

SGS AXYS ANALYTICAL SERVICES  
2045 MILLS RD., SIDNEY, B.C., CANADA  
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 01-Mar-2023      VER Data Filename: FC4L\_024 S: 30  
Instrument ID: LCMS/MS      Analysis Date: 31-Jan-2024  
LC Column ID: C18      Analysis Time: 20:14:41

COMPOUND	LAB FLAG <sup>1</sup>	RRT	QUANT TRANSITION	RATIO	EXPECTED CONC. (ng)	CONC. FOUND (ng)	RECOVERY (%)
PFBA		1.003	213 > 169		20.0	21.2	106
PFPeA		1.000	263 > 219		10.0	9.99	99.9
PFHxA		1.000	313 > 269	4.33	5.00	5.08	102
PFHpA		1.000	363 > 319	2.11	5.00	5.51	110
PFOA		1.000	413 > 369	2.12	5.00	5.67	113
PFNA		1.000	463 > 419	2.80	5.00	5.35	107
PFDA		1.000	513 > 469	2.82	5.00	4.78	95.6
PFUnA		1.000	563 > 519	4.21	5.00	5.18	104
PFDoA		1.000	613 > 569	7.97	4.06	4.51	111
PFTTrDA		0.956	663 > 619	3.03	5.00	5.37	107
PFTTeDA		1.000	713 > 669	2.80	5.00	5.43	109
PFBS		1.000	299 > 80	2.58	5.00	4.81	96.2
PFPeS		0.868	349 > 80	2.31	5.00	5.58	112
PFHxS		1.000	399 > 80	2.38	5.00	4.96	99.3
PFHpS		0.938	449 > 80	2.04	5.00	5.41	108
PFOS		1.000	499 > 80	2.44	5.00	4.85	97.1
PFNS		1.040	549 > 80	2.42	5.00	4.83	96.7
PFDS		1.079	599 > 80	2.47	5.00	5.28	106
PFDoS		1.182	699 > 80	2.23	5.00	4.67	93.3
4:2 FTS		0.999	327 > 307	0.41	20.0	20.4	102
6:2 FTS		0.999	427 > 407	0.39	18.0	19.1	107
8:2 FTS		1.000	527 > 507	0.56	17.0	17.9	105
PFOSA		1.000	498 > 78		5.00	5.57	111
N-MeFOSA		1.000	512 > 219	0.53	5.00	5.67	113
N-EtFOSA		1.001	526 > 219	0.51	14.0	14.9	107
MeFOSAA		1.000	570 > 419	2.04	5.00	5.04	101
EtFOSAA		1.001	584 > 419	1.17	5.00	5.11	102
N-MeFOSE		1.002	616 > 59		50.0	53.2	106
N-EtFOSE		1.002	630 > 59		50.0	52.0	104
3:3 FTCA			241 > 177	1.55	20.0	17.5	87.5
5:3 FTCA		1.062	341 > 237	1.45	125	140	112
7:3 FTCA		1.399	441 > 317	0.64	125	121	97.0

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: \_\_\_\_\_Aaron Kyle\_\_\_\_\_

Form 4B  
LC MS/MS CALIBRATION VERIFICATION

SGS AXYS ANALYTICAL SERVICES  
2045 MILLS RD., SIDNEY, B.C., CANADA  
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date:	01-Mar-2023	VER Data Filename:	FC4L_024 S: 30
Instrument ID:	LCMS/MS	Analysis Date:	31-Jan-2024
LC Column ID:	C18	Analysis Time:	20:14:41

LABELED COMPOUND	LAB FLAG <sup>1</sup>	RRT	QUANT TRANSITION	RATIO	EXPECTED CONC. (ng)	CONC. FOUND (ng)	RECOVERY (%)
13C4-PFBA		1.000	217 > 172		40.0	37.8	94.6
13C5-PFPeA		0.856	268 > 223		20.0	21.0	105
13C5-PFHxA		1.000	318 > 273	11.8	10.0	8.95	89.5
13C4-PFHpA		0.878	367 > 322		10.0	9.92	99.2
13C8-PFOA		1.000	421 > 376		10.0	9.64	96.4
13C9-PFNA		1.000	472 > 427		5.00	5.22	104
13C6-PFDA		0.999	519 > 474		5.00	4.89	97.9
13C7-PFUnA		1.041	570 > 525		5.00	4.60	92.1
13C2-PFDoA		1.076	615 > 570		5.00	4.51	90.2
13C2-PFTeDA		1.172	715 > 670		5.00	3.84	76.8
13C3-PFBS		0.770	302 > 80	2.56	10.0	10.4	104
13C3-PFHxS		1.000	402 > 80	2.39	10.0	9.99	99.7
13C8-PFOS		1.000	507 > 80	2.15	10.1	10.9	108
13C2-4:2 FTS		0.811	329 > 81	1.83	20.2	21.1	104
13C2-6:2 FTS		1.002	429 > 81	2.15	20.0	20.3	101
13C2-8:2 FTS		1.262	529 > 81	3.41	20.0	19.4	96.6
13C8-PFOSA		1.157	506 > 78		10.0	16.9	169
D3-N-MeFOSA		1.340	515 > 219		10.0	9.97	99.7
D5-N-EtFOSA		1.374	531 > 219		10.0	9.14	91.4
D3-MeFOSAA		1.299	573 > 419		20.0	26.2	131
D5-EtFOSAA		1.321	589 > 419		20.0	27.2	136
d7-NMe-FOSE		1.324	623 > 59		100	120	119
d9-Net-FOSE		1.359	639 > 59		100	107	107

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: \_\_\_\_\_Aaron Kyle\_\_\_\_\_

Form 4A  
LC MS/MS CALIBRATION VERIFICATION

SGS AXYS ANALYTICAL SERVICES  
2045 MILLS RD., SIDNEY, B.C., CANADA  
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 01-Mar-2023      VER Data Filename: FC4L\_024 S: 41  
Instrument ID: LCMS/MS      Analysis Date: 31-Jan-2024  
LC Column ID: C18      Analysis Time: 22:44:25

COMPOUND	LAB FLAG <sup>1</sup>	RRT	QUANT TRANSITION	RATIO	EXPECTED CONC. (ng)	CONC. FOUND (ng)	RECOVERY (%)
PFBA		1.003	213 > 169		20.0	21.3	107
PFPeA		1.000	263 > 219		10.0	9.94	99.4
PFHxA		1.000	313 > 269	4.19	5.00	4.90	98.0
PFFHpA		1.000	363 > 319	2.14	5.00	5.27	105
PFOA		1.000	413 > 369	2.06	5.00	5.48	110
PFNA		1.000	463 > 419	2.78	5.00	5.39	108
PFDA		1.000	513 > 469	2.88	5.00	5.33	107
PFUnA		1.001	563 > 519	4.14	5.00	5.19	104
PFDaA		1.000	613 > 569	8.12	4.06	4.41	109
PFTTrDA		0.955	663 > 619	2.90	5.00	5.21	104
PFTTeDA		1.000	713 > 669	2.55	5.00	5.03	101
PFBS		1.000	299 > 80	2.61	5.00	5.03	101
PFPeS		0.868	349 > 80	2.29	5.00	5.54	111
PFHxS		1.001	399 > 80	2.37	5.00	5.02	100
PFFHpS		0.938	449 > 80	2.24	5.00	5.63	113
PFOS		1.000	499 > 80	2.65	5.00	5.05	101
PFNS		1.041	549 > 80	2.33	5.00	4.79	95.8
PFDS		1.079	599 > 80	2.30	5.00	4.98	99.6
PFDoS		1.183	699 > 80	2.22	5.00	4.51	90.1
4:2 FTS		1.000	327 > 307	0.43	20.0	21.0	105
6:2 FTS		1.001	427 > 407	0.39	18.0	18.8	105
8:2 FTS		1.000	527 > 507	0.55	17.0	18.3	108
PFOSA		1.001	498 > 78		5.00	5.63	113
N-MeFOSA		1.000	512 > 219	0.53	5.00	5.70	114
N-EtFOSA		1.001	526 > 219	0.51	14.0	15.5	110
MeFOSAA		1.000	570 > 419	1.90	5.00	4.58	91.6
EtFOSAA		1.001	584 > 419	1.16	5.00	4.99	99.8
N-MeFOSE		1.002	616 > 59		50.0	53.4	107
N-EtFOSE		1.002	630 > 59		50.0	53.7	107
3:3 FTCA			241 > 177	1.71	20.0	18.2	90.9
5:3 FTCA		1.063	341 > 237	1.45	125	139	111
7:3 FTCA		1.401	441 > 317	0.64	125	119	95.3

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: \_\_\_\_\_Aaron Kyle\_\_\_\_\_

Form 4B  
LC MS/MS CALIBRATION VERIFICATION

SGS AXYS ANALYTICAL SERVICES  
2045 MILLS RD., SIDNEY, B.C., CANADA  
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date:	01-Mar-2023	VER Data Filename:	FC4L_024 S: 41
Instrument ID:	LCMS/MS	Analysis Date:	31-Jan-2024
LC Column ID:	C18	Analysis Time:	22:44:25

LABELLED COMPOUND	LAB FLAG <sup>1</sup>	RRT	QUANT TRANSITION	RATIO	EXPECTED CONC. (ng)	CONC. FOUND (ng)	RECOVERY (%)
13C4-PFBA		0.997	217 > 172		40.0	37.7	94.2
13C5-PFPeA		0.856	268 > 223		20.0	20.7	104
13C5-PFHxA		1.000	318 > 273	11.5	10.0	9.20	92.0
13C4-PFHpA		0.878	367 > 322		10.0	10.0	100
13C8-PFOA		0.999	421 > 376		10.0	9.57	95.7
13C9-PFNA		1.000	472 > 427		5.00	5.30	106
13C6-PFDA		1.000	519 > 474		5.00	4.67	93.4
13C7-PFUnA		1.041	570 > 525		5.00	4.62	92.4
13C2-PFDoA		1.078	615 > 570		5.00	4.70	94.0
13C2-PFTeDA		1.174	715 > 670		5.00	4.01	80.2
13C3-PFBS		0.770	302 > 80	2.62	10.0	10.6	106
13C3-PFHxS		1.000	402 > 80	2.48	10.0	10.4	104
13C8-PFOS		1.000	507 > 80	2.23	10.1	10.6	106
13C2-4:2 FTS		0.810	329 > 81	1.72	20.2	20.2	100
13C2-6:2 FTS		1.001	429 > 81	2.07	20.0	21.0	105
13C2-8:2 FTS		1.261	529 > 81	3.25	20.0	19.5	97.3
13C8-PFOSA		1.157	506 > 78		10.0	16.3	163
D3-N-MeFOSA		1.340	515 > 219		10.0	9.86	98.6
D5-N-EtFOSA		1.374	531 > 219		10.0	8.89	88.9
D3-MeFOSAA		1.298	573 > 419		20.0	28.6	143
D5-EtFOSAA		1.320	589 > 419		20.0	28.6	143
d7-NMe-FOSE		1.324	623 > 59		100	116	116
d9-NEt-FOSE		1.359	639 > 59		100	105	105

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: \_\_\_\_\_Aaron Kyle\_\_\_\_\_







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Accreditation Scope

SGS AXYS Analytical Services Ltd.  
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Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	Serum												Tissue and Tissue Flora	Urine	Water	Water, Non-Potable
				CA/AL	Alaska DEC	ANAB b/d **	ANAB ISO 17025	CA/AL	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE			
PBDPE	BDE 155 2,2',4,4',6,6'-hexabromodiphenylether	EPA 1614	MLA-033																
PBDPE		SGS AXYS MLA-033	MLA-033																
PBDPE	BDE 166 2,3,4,4',5,6-hexabromodiphenylether	EPA 1614	MLA-033																
PBDPE		SGS AXYS MLA-033	MLA-033																
PBDPE	BDE 17 2,2',4-tribromodiphenylether	EPA 1614	MLA-033																
PBDPE		SGS AXYS MLA-033	MLA-033																
PBDPE	BDE 181 2,2',3,4,4',5,6-heptabromodiphenylether	EPA 1614	MLA-033																
PBDPE		SGS AXYS MLA-033	MLA-033																
PBDPE	BDE 183 2,2',3,4,4',5',6-heptabromodiphenylether	EPA 1614	MLA-033																
PBDPE		SGS AXYS MLA-033	MLA-033																
PBDPE	BDE 190 2,3,3',4,4',5,6-heptabromodiphenylether	EPA 1614	MLA-033																
PBDPE		SGS AXYS MLA-033	MLA-033																
PBDPE	BDE 206 2,2',3,3',4,4',5,5',6-nonabromodiphenylether	EPA 1614	MLA-033																
PBDPE		SGS AXYS MLA-033	MLA-033																
PBDPE	BDE 207 2,2',3,3',4,4',5,6,6'-nonabromodiphenylether	EPA 1614	MLA-033																
PBDPE		SGS AXYS MLA-033	MLA-033																
PBDPE	BDE 208 2,2',3,3',4,5,5',6'-nonabromodiphenylether	EPA 1614	MLA-033																
PBDPE		SGS AXYS MLA-033	MLA-033																
PBDPE	BDE 209 Decabromodiphenylether	EPA 1614	MLA-033																
PBDPE		SGS AXYS MLA-033	MLA-033																
PBDPE	BDE 25 2,3',4-tribromodiphenylether	EPA 1614	MLA-033																
PBDPE		SGS AXYS MLA-033	MLA-033																
PBDPE	BDE 28 2,4,4'-tribromodiphenylether	EPA 1614	MLA-033																
PBDPE		SGS AXYS MLA-033	MLA-033																
PBDPE	BDE 30 2,4,6-tribromodiphenylether	EPA 1614	MLA-033																
PBDPE		SGS AXYS MLA-033	MLA-033																
PBDPE	BDE 33 2',3,4-tribromodiphenylether	EPA 1614	MLA-033																
PBDPE		SGS AXYS MLA-033	MLA-033																
PBDPE	BDE 35 3,3',4-tribromodiphenylether	EPA 1614	MLA-033																
PBDPE		SGS AXYS MLA-033	MLA-033																
PBDPE	BDE 37 3,4,4'-tribromodiphenylether	EPA 1614	MLA-033																
PBDPE		SGS AXYS MLA-033	MLA-033																
PBDPE	BDE 47 2,2',4,4'-tetrabromodiphenylether	EPA 1614	MLA-033																
PBDPE		SGS AXYS MLA-033	MLA-033																
PBDPE	BDE 49 2,2',4,5'-tetrabromodiphenylether	EPA 1614	MLA-033																
PBDPE		SGS AXYS MLA-033	MLA-033																
PBDPE	BDE 66 2,3',4,4'-tetrabromodiphenylether	EPA 1614	MLA-033																
PBDPE		SGS AXYS MLA-033	MLA-033																
PBDPE	BDE 7 2,4-dibromodiphenylether	EPA 1614	MLA-033																
PBDPE		SGS AXYS MLA-033	MLA-033																
PBDPE	BDE 75 2,4,4',6-tetrabromodiphenylether	EPA 1614	MLA-033																
PBDPE		SGS AXYS MLA-033	MLA-033																
PBDPE	BDE 77 3,3',4,4'-tetrabromodiphenylether	EPA 1614	MLA-033																
PBDPE		SGS AXYS MLA-033	MLA-033																
PBDPE	BDE 8 2,4'-dibromodiphenylether	EPA 1614	MLA-033																
PBDPE		SGS AXYS MLA-033	MLA-033																
PBDPE	BDE 85 2,2',3,4,4'-pentabromodiphenylether	EPA 1614	MLA-033																
PBDPE		SGS AXYS MLA-033	MLA-033																
PBDPE	BDE 99 2,2',4,4',5-pentabromodiphenylether	EPA 1614	MLA-033																
PBDPE		SGS AXYS MLA-033	MLA-033																
PCB Aroclors	"Organochlorine Pesticides and PCBs" category (CA only)	EPA 625	MLA-007																
PCB Aroclors	"PCBs" category (CA only)	EPA 8270E	MLA-007																
PCB Aroclors	PCB Aroclor 1016	EPA 1668	MLA-010																
PCB Aroclors		EPA 625	MLA-007																
PCB Aroclors		EPA 8270E	MLA-007																
PCB Aroclors		SGS AXYS MLA-010	MLA-010																
PCB Aroclors		SGS AXYS MLA-007	MLA-007																
PCB Aroclors	PCB Aroclor 1016/1242	EPA 8270E	MLA-007																
PCB Aroclors	PCB Aroclor 1221	EPA 1668	MLA-010																
PCB Aroclors		EPA 625	MLA-007																
PCB Aroclors		EPA 8270E	MLA-007																
PCB Aroclors		SGS AXYS MLA-010	MLA-010																
PCB Aroclors		SGS AXYS MLA-007	MLA-007																
PCB Aroclors	PCB Aroclor 1232	EPA 1668	MLA-010																
PCB Aroclors		EPA 625	MLA-007																
PCB Aroclors		EPA 8270E	MLA-007																



Accreditation Scope

SGS AXYS Analytical Services Ltd.  
file ref.: ACC-103 Rev. 70

Accreditation Scope				Serum	Tissue and Tissue Flora	Urine	Water	Water, Non-Potable	AFF
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID						
				CAIA	Alaska DEC ANAB bDd ** ANAB ISO 17025	CAIA	Alaska DEC ANAB bDd ** ANAB ISO 17025	CAIA	Alaska DEC ANAB bDd ** ANAB ISO 17025
PCB congeners	PCB 105/127	SGS AXYS MLA-210	MLA-210		Y				
PCB congeners		SGS AXYS MLA-908	MLA-908			Y	Y		
PCB congeners		EPA 1628	MLA-908			Y			
PCB congeners	PCB 106 2,3,3',4,5-Pentachlorobiphenyl	EPA 8270E	MLA-007					Y	
PCB congeners		SGS AXYS MLA-007	MLA-007		Y				
PCB congeners		EPA 1668	MLA-010			Y	Y	Y	Y
PCB congeners	PCB 107 2,3,3',4',5-Pentachlorobiphenyl	SGS AXYS MLA-010	MLA-010	Y	Y				
PCB congeners		SGS AXYS MLA-210	MLA-210		Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908		Y	Y	Y	Y	Y
PCB congeners	PCB 108 2,3,3',4,5'-Pentachlorobiphenyl	EPA 1628	MLA-908						
PCB congeners		EPA 8270E	MLA-007		Y				
PCB congeners		SGS AXYS MLA-007	MLA-007			Y			
PCB congeners	PCB 109 2,3,3',4,6-Pentachlorobiphenyl	EPA 1668	MLA-010		Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-010	MLA-010	Y	Y				
PCB congeners		SGS AXYS MLA-210	MLA-210		Y	Y	Y	Y	Y
PCB congeners	PCB 110 2,3,3',4',6-Pentachlorobiphenyl	SGS AXYS MLA-908	MLA-908		Y		Y	Y	Y
PCB congeners		EPA 1628	MLA-908						
PCB congeners		EPA 8270E	MLA-007						
PCB congeners	PCB 111 3,3'-Dichlorobiphenyl	SGS AXYS MLA-010	MLA-010	Y	Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-210	MLA-210		Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908		Y		Y	Y	Y
PCB congeners	PCB 112 2,3,3',4',6-Pentachlorobiphenyl	EPA 1628	MLA-908						
PCB congeners		EPA 8270E	MLA-007						
PCB congeners		SGS AXYS MLA-010	MLA-010	Y	Y	Y	Y	Y	Y
PCB congeners	PCB 113 2,3,3',5,5'-Pentachlorobiphenyl	SGS AXYS MLA-007	MLA-007		Y				
PCB congeners		SGS AXYS MLA-210	MLA-210		Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908		Y		Y	Y	Y
PCB congeners	PCB 114 2,3,4,4',5-Pentachlorobiphenyl	EPA 1628	MLA-908						
PCB congeners		EPA 8270E	MLA-007						
PCB congeners		SGS AXYS MLA-010	MLA-010	Y	Y	Y	Y	Y	Y
PCB congeners	PCB 115 2,3,4,4',6-Pentachlorobiphenyl	SGS AXYS MLA-007	MLA-007		Y				
PCB congeners		SGS AXYS MLA-210	MLA-210		Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908		Y		Y	Y	Y







Accreditation Scope			
SGS AXYS Analytical Services Ltd. file ref.: ACC-103 Rev. 70			
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID
PCB congeners	PCB 144/135	EPA 8270E	MLA-007
PCB congeners		SGS AXYS MLA-007	MLA-007
PCB congeners	PCB 145 2,2',3,4,6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010
PCB congeners		EPA 8270E	MLA-007
PCB congeners		SGS AXYS MLA-010	MLA-010
PCB congeners		SGS AXYS MLA-210	MLA-210
PCB congeners		SGS AXYS MLA-908	MLA-908
PCB congeners		EPA 1628	MLA-908
PCB congeners	PCB 146 2,2',3,4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010
PCB congeners		EPA 8270E	MLA-007
PCB congeners		SGS AXYS MLA-010	MLA-010
PCB congeners		SGS AXYS MLA-007	MLA-007
PCB congeners		SGS AXYS MLA-901	MLA-901
PCB congeners		SGS AXYS MLA-210	MLA-210
PCB congeners		SGS AXYS MLA-908	MLA-908
PCB congeners		EPA 1628	MLA-908
PCB congeners	PCB 147 2,2',3,4',5-Hexachlorobiphenyl	EPA 1668	MLA-010
PCB congeners		EPA 8270E	MLA-007
PCB congeners		SGS AXYS MLA-010	MLA-010
PCB congeners		SGS AXYS MLA-210	MLA-210
PCB congeners		SGS AXYS MLA-908	MLA-908
PCB congeners		EPA 1628	MLA-908
PCB congeners	PCB 148 2,2',3,4',5,6'-Hexachlorobiphenyl	EPA 1668	MLA-010
PCB congeners		EPA 8270E	MLA-007
PCB congeners		SGS AXYS MLA-010	MLA-010
PCB congeners		SGS AXYS MLA-210	MLA-210
PCB congeners		SGS AXYS MLA-908	MLA-908
PCB congeners		EPA 1628	MLA-908
PCB congeners	PCB 149 2,2',3,4',5,6-Hexachlorobiphenyl	EPA 1668	MLA-010
PCB congeners		SGS AXYS MLA-010	MLA-010
PCB congeners		SGS AXYS MLA-210	MLA-210
PCB congeners		SGS AXYS MLA-908	MLA-908
PCB congeners		EPA 1628	MLA-908
PCB congeners	PCB 149/139	EPA 8270E	MLA-007
PCB congeners		SGS AXYS MLA-007	MLA-007
PCB congeners	PCB 15 4,4'-Dichlorobiphenyl	EPA 1668	MLA-010
PCB congeners		EPA 8270E	MLA-007
PCB congeners		SGS AXYS MLA-010	MLA-010
PCB congeners		SGS AXYS MLA-007	MLA-007
PCB congeners		SGS AXYS MLA-210	MLA-210
PCB congeners		SGS AXYS MLA-908	MLA-908
PCB congeners		EPA 1628	MLA-908
PCB congeners	PCB 150 2,2',3,4',6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010
PCB congeners		EPA 8270E	MLA-007
PCB congeners		SGS AXYS MLA-010	MLA-010
PCB congeners		SGS AXYS MLA-210	MLA-210
PCB congeners		SGS AXYS MLA-908	MLA-908
PCB congeners		EPA 1628	MLA-908
PCB congeners	PCB 151 2,2',3,5,5',6-Hexachlorobiphenyl	EPA 1668	MLA-010
PCB congeners		EPA 8270E	MLA-007
PCB congeners		SGS AXYS MLA-010	MLA-010
PCB congeners		SGS AXYS MLA-007	MLA-007
PCB congeners		SGS AXYS MLA-210	MLA-210
PCB congeners		SGS AXYS MLA-908	MLA-908
PCB congeners		EPA 1628	MLA-908
PCB congeners	PCB 152 2,2',3,5,6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010
PCB congeners		EPA 8270E	MLA-007
PCB congeners		SGS AXYS MLA-010	MLA-010
PCB congeners		SGS AXYS MLA-210	MLA-210
PCB congeners		SGS AXYS MLA-908	MLA-908
PCB congeners		EPA 1628	MLA-908
PCB congeners	PCB 153 2,2',4,4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010
PCB congeners		EPA 8270E	MLA-007
PCB congeners		SGS AXYS MLA-010	MLA-010
PCB congeners		SGS AXYS MLA-007	MLA-007
PCB congeners		SGS AXYS MLA-901	MLA-901





























Accreditation Scope

SGS AXYS Analytical Services Ltd.  
file ref.: ACC-103 Rev. 70

Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	Serum	Solids										Tissue and Tissue Flora	Urine	Water	Water, Non-Potable										AFFF
				CAIA	Alaska DEC	ANAB b/d **	ANAB ISO 17025	CAIA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB b/d **	ANAB ISO 17025	CAIA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	Washington DE *	ANAB b/d **	ANAB ISO 17025		
PCB congeners		SGS AXYS MLA-908	MLA-908																									
PCB congeners		EPA 1628	MLA-908																									
PCB congeners	PCB 8 2,4'-Dichlorobiphenyl	EPA 1668	MLA-010																									
PCB congeners		SGS AXYS MLA-010	MLA-010	Y																								
PCB congeners		SGS AXYS MLA-210	MLA-210																									
PCB congeners		SGS AXYS MLA-908	MLA-908																									
PCB congeners		EPA 1628	MLA-908																									
PCB congeners	PCB 8/5	EPA 8270E	MLA-007																									
PCB congeners		SGS AXYS MLA-007	MLA-007																									
PCB congeners		EPA 1668	MLA-010																									
PCB congeners	PCB 80 3,3',5,5'-Tetrachlorobiphenyl	SGS AXYS MLA-010	MLA-010	Y																								
PCB congeners		SGS AXYS MLA-210	MLA-210																									
PCB congeners		SGS AXYS MLA-908	MLA-908																									
PCB congeners		EPA 1628	MLA-908																									
PCB congeners	PCB 81 3,4,4',5-Tetrachlorobiphenyl	EPA 1668	MLA-010																									
PCB congeners		EPA 8270E	MLA-007																									
PCB congeners		SGS AXYS MLA-010	MLA-010	Y																								
PCB congeners		SGS AXYS MLA-210	MLA-210																									
PCB congeners		SGS AXYS MLA-908	MLA-908																									
PCB congeners	PCB 82 2,2',3,3',4-Pentachlorobiphenyl	EPA 1628	MLA-908																									
PCB congeners		EPA 1668	MLA-010																									
PCB congeners		EPA 8270E	MLA-007																									
PCB congeners		SGS AXYS MLA-010	MLA-010	Y																								
PCB congeners		SGS AXYS MLA-210	MLA-210																									
PCB congeners		SGS AXYS MLA-908	MLA-908																									
PCB congeners	PCB 83 2,2',3,3',5-Pentachlorobiphenyl	EPA 1628	MLA-908																									
PCB congeners		EPA 1668	MLA-010																									
PCB congeners		SGS AXYS MLA-010	MLA-010	Y																								
PCB congeners		SGS AXYS MLA-210	MLA-210																									
PCB congeners		SGS AXYS MLA-908	MLA-908																									
PCB congeners	PCB 84 2,2',3,3',6-Pentachlorobiphenyl	EPA 1628	MLA-908																									
PCB congeners		EPA 8270E	MLA-007																									
PCB congeners		SGS AXYS MLA-010	MLA-010	Y																								
PCB congeners		SGS AXYS MLA-210	MLA-210																									
PCB congeners		SGS AXYS MLA-908	MLA-908																									
PCB congeners	PCB 85 2,2',3,4,4'-Pentachlorobiphenyl	EPA 1628	MLA-908																									
PCB congeners		EPA 1668	MLA-010																									
PCB congeners		SGS AXYS MLA-010	MLA-010	Y																								
PCB congeners		SGS AXYS MLA-210	MLA-210																									
PCB congeners		SGS AXYS MLA-908	MLA-908																									
PCB congeners	PCB 86 2,2',3,4,5-Pentachlorobiphenyl	EPA 1628	MLA-908																									
PCB congeners		EPA 8270E	MLA-007																									
PCB congeners		SGS AXYS MLA-010	MLA-010	Y																								
PCB congeners		SGS AXYS MLA-210	MLA-210																									
PCB congeners		SGS AXYS MLA-908	MLA-908																									
PCB congeners	PCB 87 2,2',3,4,5'-Pentachlorobiphenyl	EPA 1628	MLA-908																									
PCB congeners		EPA 1668	MLA-010																									
PCB congeners		SGS AXYS MLA-010	MLA-010	Y																								
PCB congeners		SGS AXYS MLA-210	MLA-210																									
PCB congeners		SGS AXYS MLA-908	MLA-908																									
PCB congeners	PCB 88 2,2',3,4,6-Pentachlorobiphenyl	EPA 1628	MLA-908																									
PCB congeners		EPA 8270E	MLA-007																									
PCB congeners		SGS AXYS MLA-010	MLA-010	Y																								
PCB congeners		SGS AXYS MLA-210	MLA-210																									
PCB congeners		SGS AXYS MLA-908	MLA-908																									
PCB congeners	PCB 88/121	EPA 1628	MLA-908																									
PCB congeners		EPA 8270E	MLA-007																									
PCB congeners	PCB 89 2,2',3,4,6'-Pentachlorobiphenyl	EPA 1668	MLA-010																									



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Accreditation Scope									
SGS AXYS Analytical Services Ltd. file ref.: ACC-103 Rev. 70									
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	Serum	Solids	Tissue and Tissue Flora	Urine	Water	Water, Non-Potable
				CALA	Alaska DEC ANAB DoD ** ANAB ISO 17025 CALA California WB Florida DOH Maine DOH Minnesota DOH New Jersey DEP New York DOH Virginia DGS Washington DE	ANAB DoD ** ANAB ISO 17025 CALA Florida DOH Minnesota DOH New Jersey DEP Virginia DGS Washington DE *	CALA	CALA	Alaska DEC ANAB DoD ** ANAB ISO 17025 California WB Florida DOH Maine DOH Minnesota DOH New Jersey DEP New York DOH Pennsylvania DEP Virginia DGS Washington DE *
PCDDF		EPA 8290A	MLA-017						
PCDDF		SGS AXYS MLA-017	MLA-017						
PCDDF		SGS AXYS MLA-217	MLA-217						
PCDDF		ATM 16130	MLA-217						
PCDDF	Total PCDD	EPA 1613	MLA-017						
PCDDF		EPA 8290A	MLA-017						
PCDDF	Total PCDD/F	EPA 1613	MLA-017						
PCDDF		EPA 8290A	MLA-017						
PCDDF	Total PCDF	EPA 1613	MLA-017						
PCDDF		EPA 8290A	MLA-017						
PCDDF	Total PeCDD	EPA 1613	MLA-017						
PCDDF		EPA 8290A	MLA-017						
PCDDF		SGS AXYS MLA-017	MLA-017						
PCDDF		SGS AXYS MLA-217	MLA-217						
PCDDF		ATM 16130	MLA-217						
PCDDF	Total PeCDF	EPA 1613	MLA-017						
PCDDF		EPA 8290A	MLA-017						
PCDDF		SGS AXYS MLA-017	MLA-017						
PCDDF		SGS AXYS MLA-217	MLA-217						
PCDDF		ATM 16130	MLA-217						
PCDDF	Total TCDD	EPA 1613	MLA-017						
PCDDF		EPA 8290A	MLA-017						
PCDDF		SGS AXYS MLA-017	MLA-017						
PCDDF		SGS AXYS MLA-217	MLA-217						
PCDDF		ATM 16130	MLA-217						
PCDDF	Total TCDF	EPA 1613	MLA-017						
PCDDF		EPA 8290A	MLA-017						
PCDDF		SGS AXYS MLA-017	MLA-017						
PCDDF		SGS AXYS MLA-217	MLA-217						
PCDDF		ATM 16130	MLA-217						
PFAS	"Per- and Polyfluorinated Alkyl Substances (PFAS)" category (CA only)	DoD QSM Version 5.1 (or new)	MLA-110						
PFAS	11-chloroicosafuoro-3-oxaundecane-1-sulfonate (11Cl-PF3OUdS)	SGS AXYS MLA-110	MLA-110						
PFAS	11-chloroeicosafluoro-3-oxaundecane-1-sulfonate (11Cl-PF3OUdS)	SGS AXYS MLA-110	MLA-110						
PFAS	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	DoD QSM Version 5.3	MLA-110						
PFAS		DoD QSM Version 5.4	MLA-110						
PFAS	4,8-Dioxia-3H-perfluorononanoic acid (ADONA)	EPA 1633 draft	MLA-110						
PFAS		SGS AXYS MLA-110	MLA-110						
PFAS		DoD QSM Version 5.3	MLA-110						
PFAS		DoD QSM Version 5.4	MLA-110						
PFAS		EPA 1633 draft	MLA-110						
PFAS	4,8-dioxia-3H-perfluorononanoate (ADONA)	SGS AXYS MLA-110	MLA-110						
PFAS		DoD QSM Version 5.3	MLA-110						
PFAS		DoD QSM Version 5.4	MLA-110						
PFAS		EPA 1633 draft	MLA-110						
PFAS	4:2 Fluorotelomersulfonate (4:2 FTS)	EPA 1633 draft	MLA-110						
PFAS		SGS AXYS MLA-110	MLA-110						
PFAS		DoD QSM Version 5.3	MLA-110						
PFAS		DoD QSM Version 5.4	MLA-110						
PFAS		EPA 1633 draft	MLA-110						
PFAS	6:2 Fluorotelomersulfonate (6:2 FTS)	SGS AXYS MLA-110	MLA-110						
PFAS		DoD QSM Version 5.3	MLA-110						
PFAS		DoD QSM Version 5.4	MLA-110						
PFAS		EPA 1633 draft	MLA-110						
PFAS	8:2 Fluorotelomersulfonate (8:2 FTS)	SGS AXYS MLA-110	MLA-110						
PFAS		DoD QSM Version 5.3	MLA-110						
PFAS		DoD QSM Version 5.4	MLA-110						
PFAS		EPA 1633 draft	MLA-110						
PFAS	9-chlorohexadecafluoro-3-oxanonane-1-sulfonate (9Cl-PF3ONS)	SGS AXYS MLA-110	MLA-110						
PFAS	9-chlorohexadecafluoro-3-oxanonane-1-sulfonate (9Cl-PF3ONS)	SGS AXYS MLA-110	MLA-110						
PFAS	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	DoD QSM Version 5.3	MLA-110						
PFAS		DoD QSM Version 5.4	MLA-110						
PFAS		EPA 1633 draft	MLA-110						
PFAS	Dodecafluoro-3H-4,8-dioxanonanoate (NaDONA)	SGS AXYS MLA-110	MLA-110						
PFAS		EPA 1633 draft	MLA-110						
PFAS	Hexafluoropropylene oxide dimer acid (HFPO-DA)	SGS AXYS MLA-110	MLA-110						
PFAS		DoD QSM Version 5.3	MLA-110						
PFAS		DoD QSM Version 5.4	MLA-110						
PFAS		EPA 1633 draft	MLA-110						
PFAS	Hexafluoropropylene oxide dimer acid, anion and acid (HFPO-DA)	SGS AXYS MLA-110	MLA-110						
PFAS	Hexafluoropropylene oxide dimer acid (HFPO-DA)	SGS AXYS MLA-110	MLA-110						
PFAS	N-Ethylperfluorooctane sulfonamide (EtFOSAm)	SGS AXYS MLA-110	MLA-110						
PFAS		DoD QSM Version 5.3	MLA-110						
PFAS		DoD QSM Version 5.4	MLA-110						



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Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Serum	Tissue and Tissue Flora										Urine	Water	Water, Non-Potable										AFF																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
					Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
PFAS	Perfluorooheptanoate (PFHpA)	SGS AXYS MLA-060	MLA-060																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							









Accreditation Scope

SGS AXYS Analytical Services Ltd.  
file ref.: ACC-103 Rev. 70

Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	Serum	Solids	Tissue and Tissue Flora	Urine	Water	Water, Non-Potable	AFFF
				CALA	Alaska DEC ANAB DoD ** ANAB ISO 17025 CALA California WB Florida DOH Maine DOH Minnesota DOH New Jersey DEP New York DOH Virginia DGS Washington DE	ANAB DoD ** ANAB ISO 17025 CALA Florida DOH Minnesota DOH New Jersey DEP Virginia DGS	CALA	CALA	Alaska DEC ANAB DoD ** ANAB ISO 17025 California WB Florida DOH Maine DOH Minnesota DOH New Jersey DEP New York DOH Pennsylvania DEP Virginia DGS Washington DE *	ANAB DoD ** ANAB ISO 17025

ANAB DoD      ANSI National Accreditation Board, certificate ADE-1861, (US DoD QSM 5.3 and 5.4 Standard)



CALA      Canadian Association for Laboratory Accreditation Inc., Lab ID A2637, (ISO/IEC 17025:2017 Standard)

