

**SELECT COMMITTEE ON PFAS CONTAMINATION IN WATERWAYS AND DRINKING
WATER SUPPLIES THROUGHOUT NEW SOUTH WALES**

Fire and Rescue NSW: Response to Questions Taken On Notice

Question Taken On Notice 1

Are the 600 PFAS sites in the register Fire and Rescue NSW properties only?

Fire and Rescue NSW (FRNSW) PFAS Program comprises the following:

- 304 Current fire stations that were operational during the period of AFFF use.
- 90 former fire stations.
- 5 Training Sites.
- Approximately 304 private properties (based upon the assumption that 1 private property per fire station may have been impacted) subject to change as investigations progress.

Question Taken On Notice 2

Provide copy of the Report from independent testing of fluorine free replacement foam.

Please find enclosed attachment containing:

- National Measurement Institute – Report of Analysis – Water Trainol Diluted Foam.
- National Measurement Institute – Report of Analysis – Water Fire Brake Diluted Foam.

Question Taken On Notice 3

When did FRNSW change its property disposal process to ensure appropriate testing and remediation before sale?

FRNSW has paused all land divestment while it updates its land divestment process to ensure appropriate treatment of PFAS risk prior to any future disposals.



REPORT OF ANALYSIS

Client : FIRE AND RESCUE NSW 227 ELIZABETH ST SYDNEY NSW 2000	Job No. : FIRE31/160427
	Quote No. : QT-02012
	Order No. :
	Date Sampled :
Attention : ██████████	Date Received : 27-APR-2016
Project Name :	Sampled By : CLIENT
Your Client Services Manager : ██████████	Phone : ██████████

Lab Reg No.	Sample Ref	Sample Description
N16/011679	.	WATER TRAINOL DILUTED FOAM 1 mL FOAM IN 1 L MILLIQ WATER

Lab Reg No.	Sample Reference	Units	N16/011679	Method
Perfluorinated Compounds				
	PFBuA (Perfluoro butanoic acid)	ug/L	<0.1	AUTL07
	PFPeA (Perfluoro pentanoic acid)	ug/L	<0.1	AUTL07
	PFHxA (Perfluoro hexanoic acid)	ug/L	<0.1	AUTL07
	PFHpA (Perfluoro heptanoic acid)	ug/L	<0.1	AUTL07
	PFOA (Perfluoro octanoic acid)	ug/L	<0.1	AUTL07
	PFNA (Perfluoro nonanoic acid)	ug/L	<0.1	AUTL07
	PFBS (Perfluoro butane sulfonic acid)	ug/L	<0.1	AUTL07
	PFHxS (Perfluoro hexane sulfonic acid)	ug/L	<0.1	AUTL07
	PFOS (Perfluoro octane sulfonic acid)	ug/L	<0.1	AUTL07
	6:2 FTS (C2H4-perfluorooctane sulfonate)	ug/L	<0.1	AUTL07
	8:2 FTS (C2H4-perfluorodecane sulfonate)	ug/L	<0.1	AUTL07
	PFBuA (LOR)	ug/L	0.1	AUTL07
	PFPeA (LOR)	ug/L	0.1	AUTL07
	PFHxA (LOR)	ug/L	0.1	AUTL07
	PFHpA (LOR)	ug/L	0.1	AUTL07
	PFOA (LOR)	ug/L	0.1	AUTL07
	PFNA (LOR)	ug/L	0.1	AUTL07
	PFBS (LOR)	ug/L	0.1	AUTL07
	PFHxS (LOR)	ug/L	0.1	AUTL07
	PFOS (LOR)	ug/L	0.1	AUTL07
	6:2 FTS (LOR)	ug/L	0.1	AUTL07
	8:2 FTS (LOR)	ug/L	0.1	AUTL07
	PFBuA (Surr)	%	98	AUTL07
	PFHxA (Surr)	%	11	AUTL07
	PFOA (Surr)	%	90	AUTL07
	PFNA (Surr)	%	55	AUTL07
	PFHxS (Surr)	%	97	AUTL07
	PFOS (Surr)	%	87	AUTL07

REPORT OF ANALYSIS

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Lab Reg No.		N16/011679		
Sample Reference		.		
	Units			Method
Perfluorinated Compounds				
6:2 FTS (Surr)	%	113		AUTL07
8:2 FTS (Surr)	%	53		AUTL07
Date extracted		29-APR-2016 00:00		AUTL07
Date analysed		3-MAY-2016 00:00		AUTL07

Dioxin Analysis Unit

10-MAY-2016

REPORT OF ANALYSIS

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Client : FIRE AND RESCUE NSW 227 ELIZABETH ST SYDNEY NSW 2000 Attention : ██████████ Project Name : Your Client Services Manager : ██████████	Job No. : FIRE31/160427 Quote No. : QT-02012 Order No. : Date Sampled : Date Received : 27-APR-2016 Sampled By : CLIENT Phone : ██████████
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Lab Reg No.	Sample Ref	Sample Description
N16/011682	.	WATER FIRE BRAKE DILUTED FOAM 1 mL FOAM IN 1 L MILLIQ WATER

Lab Reg No.		N16/011682			
Sample Reference	Units	.			Method
Perfluorinated Compounds					
PFBuA (Perfluoro butanoic acid)	ug/L	<0.1			AUTL07
PFPeA (Perfluoro pentanoic acid)	ug/L	<0.1			AUTL07
PFHxA (Perfluoro hexanoic acid)	ug/L	<0.1			AUTL07
PFHpA (Perfluoro heptanoic acid)	ug/L	<0.1			AUTL07
PFOA (Perfluoro octanoic acid)	ug/L	<0.1			AUTL07
PFNA (Perfluoro nonanoic acid)	ug/L	<0.1			AUTL07
PFBS (Perfluoro butane sulfonic acid)	ug/L	<0.1			AUTL07
PFHxS (Perfluoro hexane sulfonic acid)	ug/L	<0.1			AUTL07
PFOS (Perfluoro octane sulfonic acid)	ug/L	<0.1			AUTL07
6:2 FTS (C2H4-perfluorooctane sulfonate)	ug/L	<0.1			AUTL07
8:2 FTS (C2H4-perfluorodecane sulfonate)	ug/L	<0.1			AUTL07
PFBuA (LOR)	ug/L	0.1			AUTL07
PFPeA (LOR)	ug/L	0.1			AUTL07
PFHxA (LOR)	ug/L	0.1			AUTL07
PFHpA (LOR)	ug/L	0.1			AUTL07
PFOA (LOR)	ug/L	0.1			AUTL07
PFNA (LOR)	ug/L	0.1			AUTL07
PFBS (LOR)	ug/L	0.1			AUTL07
PFHxS (LOR)	ug/L	0.1			AUTL07
PFOS (LOR)	ug/L	0.1			AUTL07
6:2 FTS (LOR)	ug/L	0.1			AUTL07
8:2 FTS (LOR)	ug/L	0.1			AUTL07
PFBuA (Surr)	%	189			AUTL07
PFHxA (Surr)	%	105			AUTL07
PFOA (Surr)	%	87			AUTL07
PFNA (Surr)	%	98			AUTL07
PFHxS (Surr)	%	93			AUTL07
PFOS (Surr)	%	235			AUTL07

REPORT OF ANALYSIS

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Lab Reg No.		N16/011682		
Sample Reference	Units	.		Method
Perfluorinated Compounds				
6:2 FTS (Surr)	%	63		AUTL07
8:2 FTS (Surr)	%	81		AUTL07
Date extracted		29-APR-2016 00:00		AUTL07
Date analysed		3-MAY-2016 00:00		AUTL07

Dioxin Analysis Unit

10-MAY-2016

All results are reported for 1000x dilutions of foam in water.

Results are corrected for labelled surrogate recoveries.

Results relate only to the sample(s) tested.

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