

Bethesda Methodist Church	Sampling date	PFBS	PFPS	PFHS	TDFOS	PFHpS	PFOS	TDFOXAS	TDFOPAS	PFOA
Bethesda Church Nursery	05/06/2006	Nd	Nd	Nd	Nd	Nd	Nd	Nd	Nd	Nd
Bethesda Church Nursery	19/06/2006	Nd	Nd	Nd	Nd	Nd	0.01	Nd	Nd	nd
Bethesda Church Nursery	25/09/2006	0.03	0.03	0.02	Nd	Nd	0.19	Nd	Nd	Nd
Bethesda Church Nursery	06/12/2006	Nd	Nd	0.03	Nd	Nd	0.15	Nd	Nd	Nd
Bethesda Church Nursery	16/12/2008	Nd	Nd	Nd	Nd	Nd	Nd	Nd	Nd	Nd
Bethesda Church	12/03/2012	Nd	Nd	Nd	Nd	Nd	Nd	Nd	Nd	Nd
Bethesda Church	09/08/2012	Nd	Nd	Nd	Nd	Nd	Nd	Nd	Nd	Nd
Bethesda Church	04/03/2012	Nd	Nd	Nd	Nd	Nd	Nd	Nd	Nd	Nd
Bethesda Church Cottage	16/04/2014	Nd	Nd	Nd	Nd	Nd	Nd	Nd	Nd	Nd
Bethesda Church	12/05/2015	Nd	Nd	Nd	Nd	Nd	Nd	Nd	Nd	Nd
Sampling Point Gracedieu	Sampling date	PFBS	PFPS	PFHS	TDFOS	PFHpS	PFOS	TDFOXAS	TDFOPAS	PFOA
Gracedieu	30/06/2016	0.47	0.37	5.3	Nd	0.19	5.3	Nd	Nd	0.24
Sampling Point La Piece Michel	Sampling date	PFBS	PFPS	PFHS	TDFOS	PFHpS	PFOS	TDFOXAS	TDFOPAS	PFOA
La Piece Michel	24/05/2010	-	-	-	-	-	29	-	-	3.4
La Piece Michel	24/01/2011	-	-	-	-	-	34	-	-	2.7
La Piece Michel	16/06/2011	-	-	-	-	-	28	-	-	4.9
La Piece Michel	20/02/2012	7.0	7.4	43.0	2.4	3.0	29	0.11	0.96	3.8
La Piece Michel	09/08/2012	5.6	7.0	39	1.7	2.5	23	0.046	0.51	3.5
La Piece Michel	05/03/2013	5.18	5.57	32.76	2.11	1.98	14.94	0.04	0.73	2.65
La Piece Michel	17/04/2014	-	-	-	-	-	40	-	-	5
La Piece Michel	01/06/2015	6.0	7.2	46.0	2.0	3.0	32	0.094	0.66	4.2
La Piece Michel	02/06/2016	-	-	-	-	-	31	-	-	3.6
Sampling Point Le Clos Luce	Sampling date	PFBS	PFPS	PFHS	TDFOS	PFHpS	PFOS	TDFOXAS	TDFOPAS	PFOA
Le Clos Luce	23/02/2016	Nd/Nd ₁₂	0.019/0.019 ₁₂	0.28/0.27 ₁₂	Nd/Nd ₁₂	Nd/Nd ₁₂	0.46/0.46 ₁₂	Nd/Nd ₁₂	Nd/Nd ₁₂	Nd/Nd ₁₂
Simon Sand Pit	Sampling date	PFBS	PFPS	PFHS	TDFOS	PFHpS	PFOS	TDFOXAS	TDFOPAS	PFOA
Simon Sand Pit	16/06/1999	-	-	0.55	-	-	nd	-	-	-
Simon Sand Pit	07/01/2000	-	-	0.38	-	-	nd	-	-	-
Simon Sand Pit	19/04/2000	0.23	0.36	0.90	-	-	0.37	-	-	-
Simon Sand Pit	19/07/2000	-	-	1.32	-	-	<0.20	-	-	-
Simon Sand Pit	27/10/2000	-	-	0.64	-	-	<1.0	-	-	-
Simon Sand Pit	07/11/2000	-	-	1.10	-	-	0.51	-	-	-
Simon Sand Pit	17/04/2001	-	-	0.42	-	-	0.51	-	-	-
Simon Sand Pit	23/10/2001	-	-	<0.4	-	-	0.72	-	-	-
Simon Sand Pit	02/04/2002	-	-	0.26	-	-	<0.4	-	-	-
Simon Sand Pit	09/10/2002	-	-	<0.08	-	-	0.92	-	-	-
Simon Sand Pit	15/10/2002	-	-	0.09	-	-	0.34	-	-	-
Simon Sand Pit	29/04/2003	0.21	-	0.65	-	-	0.26	-	-	-
Simon Sand Pit	11/11/2003	-	0.23	-	-	-	<0.2	-	-	-
Simon Sand Pit	21/04/2004	-	0.12	0.75	-	-	0.26	-	-	-
Simon Sand Pit	25/10/2004	0.12	0.12	0.46	-	-	0.24	-	-	-
Simon Sand Pit	10/11/2005	-	1.00	0.99	-	-	-	-	-	-
Simon Sand Pit	05/06/2006	0.05	0.11	0.64	-	0.05	0.30	-	-	0.092
Simon Sand Pit	20/06/2006	0.04	0.11	0.39	-	0.06	0.18	-	-	0.05
Simon Sand Pit	04/07/2006	0.04	0.10	0.52	-	0.06	0.26	-	-	-
Simon Sand Pit	17/07/2006	0.04	0.11	0.55	Nd	0.08	0.29	Nd	Nd	0.17
Simon Sand Pit	27/05/2015	Nd	0.034	0.37	nd	Nd	0.65	Nd	Nd	0.073
Simon Sand Pit	02/06/2016	Nd	Nd	0.14	Nd	Nd	0.74	Nd	Nd	Nd
Sampling Point Watersplash	Sampling date	PFBS	PFPS	PFHS	TDFOS	PFHpS	PFOS	TDFOXAS	TDFOPAS	PFOA
Watersplash RH source	06/04/1999	-	-	-	-	-	-	-	-	-
Watersplash RH source	05/05/1999	-	-	-	-	-	-	-	-	-
Watersplash RH source	11/05/1999	-	-	1.8	-	-	0.22	-	-	-
Watersplash RH source	19/05/1999	-	-	-	-	-	-	-	-	-
Watersplash RH source	25/05/1999	-	-	-	-	-	-	-	-	-
Watersplash RH source	01/06/1999	-	-	-	-	-	-	-	-	-
Watersplash RH source	08/06/1999	-	-	-	-	-	-	-	-	-
Watersplash RH source	15/06/1999	0.52	-	1.80	-	-	0.43	-	-	-
Watersplash RH source	22/06/1999	-	-	9.02	-	-	1.86	-	-	-
Watersplash RH source	08/12/1999	-	-	-	-	-	0.49	-	-	-
Watersplash RH source	07/01/2000	-	-	1.73	-	-	1.10	-	-	-
Watersplash RH source	19/01/2000	0.78	1.30	2.41	-	-	0.82	-	-	-
Watersplash RH source	18/04/2000	1.04	1.70	2.67	<0.84	0.46	1.00	-	-	-
Watersplash RH source	19/07/2000	0.57	1.30	1.65	-	-	0.56	-	-	-
Watersplash RH source	01/11/2000	-	-	2.60	-	-	1.10	-	-	-
Watersplash RH source	07/11/2000	1.40	2.20	3.90	-	0.63	2.00	-	-	-
Watersplash RH source	21/04/2001	1.10	1.60	1.00	-	0.63	2.00	-	-	-
Watersplash RH source	15/10/2001	-	-	2.10	-	-	1.30	-	-	-
Watersplash RH source	12/04/2002	-	1.10	1.60	-	-	1.50	-	-	-
Watersplash RH source	09/10/2002	-	-	0.30	-	-	0.52	-	-	-
Watersplash RH source	29/04/2003	0.69	1.80	2.70	-	-	0.52	-	-	-
Watersplash RH source	16/10/2003	0.09	0.24	0.43	-	-	1.30	-	-	-
Watersplash RH source	26/04/2004	0.69	0.84	1.70	-	-	0.94	-	-	-
Watersplash RH source	27/10/2004	0.19	0.41	0.57	-	-	0.48	-	-	-
Watersplash RH source	28/10/2004	-	-	-	-	-	0.48	-	-	-
Watersplash RH source	13/06/2006	0.12	0.32	0.74	Nd	0.11	0.58	Nd	Nd	Nd
Watersplash RH source	25/07/2006	0.09	0.27	0.66	Nd	0.08	0.40	Nd	Nd	0.14
Watersplash RH source	27/06/2006	0.15	0.15	1.40	Nd	0.02	0.45	Nd	Nd	0.069
Watersplash RH source	11/07/2006	-	-	-	-	-	0.50	-	-	-
Watersplash RH source	27/04/2006	-	-	-	-	-	0.40	-	-	0.14
Watersplash RH source	12/07/2016	0.15	0.15	1.40	Nd	0.02	0.45	Nd	Nd	0.069
Sampling Point Watersplash	Sampling date	PFBS	PFPS	PFHS	TDFOS	PFHpS	PFOS	TDFOXAS	TDFOPAS	PFOA
Watersplash LH Source	07/04/1999	-	-	-	-	-	-	-	-	-
Watersplash LH Source	30/04/1999	-	-	-	-	-	-	-	-	-
Watersplash LH Source	07/05/1999	-	-	1.57	-	-	nd	-	-	-
Watersplash LH Source	14/05/1999	-	-	-	-	-	-	-	-	-
Watersplash LH Source	21/05/1999	0.68	-	2.56	-	-	1.16	-	-	-
Watersplash LH Source	28/05/1999	0.56	-	2.15	-	-	Nd	-	-	-
Watersplash LH Source	04/06/1999	0.56	-	2.24	-	-	0.39	-	-	-
Watersplash LH Source	11/06/1999	0.40	-	1.63	-	-	0.43	-	-	-
Watersplash LH Source	25/01/2000	0.48	0.75	1.39	-	-	0.65	-	-	-
Watersplash LH Source	14/04/2000	1.19	2.00	3.46	1.64	0.67	1.80	-	-	-
Watersplash LH Source	24/07/2000	1.50	1.30	2.63	-	-	1.10	-	-	-
Watersplash LH Source	27/10/2000	1.20	1.60	2.80	-	0.42	0.83	-	-	-
Watersplash LH Source	10/11/2000	1.50	2.30	4.20	-	-	2.20	-	-	-
Watersplash LH Source	17/04/2001	1.10	1.60	1.20	-	-	2.20	-	-	-
Watersplash LH Source	17/10/2001	-	2.20	2.60	-	-	1.00	-	-	-
Watersplash LH Source	05/04/2002	-	1.00	1.50	-	-	1.90	-	-	-
Watersplash LH Source	09/10/2002	-	-	0.30	-	-	5.00	-	-	-
Watersplash LH Source	07/05/2003	0.33	0.69	1.00	0.45	-	0.56	-	-	-
Watersplash LH Source	04/11/2003	0.10	0.20	0.60	-	0.13	0.62	-	-	-
Watersplash LH Source	21/04/2004	0.56	1.30	1.50	-	-	0.68	-	-	-
Watersplash LH Source	25/10/2004	0.19	0.23	0.71	-	0.11	0.07	-	-	-
Watersplash LH Source	04/11/2004	0.10	0.20	0.60	-	-	0.81	-	-	-
Watersplash LH Source	05/06/2006	0.14	0.17	0.76	Nd	0.06	0.34	Nd	Nd	Nd
Watersplash LH Source	20/06/2006	0.06	0.14	0.35	0.09	0.04	0.29	Nd	Nd	0.06
Watersplash LH Source	04/07/2006	0.1	0.26	0.54	0.26	0.07	0.25	-	-	-
Watersplash LH Source	18/07/2006	0.09	0.20	0.58	0.13	0.07	0.23	Nd	Nd	0.06
Watersplash LH Source	21/03/2016	Nd/Nd ₁₂	0.20/0.18 ₁₂	1.2/1.0 ₁₂	Nd/Nd ₁₂	0.026/0.022 ₁₂	0.17/0.15 ₁₂	Nd/Nd ₁₂	Nd/Nd ₁₂	0.074/0.079 ₁₂
Watersplash LH Source	06/07/2016	0.17	0.15	1.6	Nd	0.023	0.47	Nd	Nd	0.093

DWI Wholesomeness threshold is below

PFOS: 1.0

PFOA: 5.0

1 Calibration of PFOS

2 PFBS: perfluorobutanesulphonate, calibration with PFBS

3 PFPS: assigned as perfluoropentylsulphonate. Measured by comparison with TDFOS, since no reference sample available

4 PFHS: perfluorohexylsulphonate

5 TDFOS: tridecylfluorooctylsulphonate

6 PFHpS: assigned as perfluoroheptylsulphonate. Measured by comparison with TDFOS, since no reference sample available.

7 PFOS: perfluorooctylsulphonate

8 TDFOXAS: assigned as tridecylfluorooctane sulphoxide assigned as tridecylfluorooctane sulphone. Measured by comparison with TDFOS, since no reference sample available.

9 PFOA: perfluorooctanoic acid

10 Calibration with PFOA

11 Calibration with TDFOS

12 Duplicate analysis

PFOS: perfluorooctylsulphonate

PFOA: perfluorooctanoic acid

nd: not detected; limit of detection 0.01 ppb for PFOS, 0.03 ppb for PFOA

Prior to 2000, the laboratory analytical technique could only detect the two components perfluorohexylsulphonate (PFHS) and perfluorooctylsulphonate (PFOS). Since 2000, the analytical technique has been enhanced and now nine components of fire-fighting foams can be analysed.