

Permit Number: EPR/PP3993VS

Operator: Atlantic Recycling

Facility: Atlantic Recycling

Form Number: Surfacewater1

Reporting of surface water monitoring for the period of September to November 2016

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
Outfall	Suspended Solids, Total	>250 mg/l (1 occasion) >100 mg/l (3 consecutive occasions) >60 mg/l (4 consecutive occasions)	Quarterly	20 mg/l	TM022	14/11/2016	Lab: Precision 1.4%, Bias -2.8%, Expanded Uncertainty 5.6%. Sampling: Immeasurable
Outfall	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	3.82 mg/l	TM045	14/11/2016	Lab: Precision 8.9%, Bias 3.6%, Expanded Uncertainty 21.4%. Sampling: Immeasurable
Outfall	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	2.49 mg/l	TM099	14/11/2016	Lab: Precision 2.1%, Bias 1.6%, Expanded Uncertainty 5.7%. Sampling: Immeasurable
Outfall	Conductivity	>2000 µS/cm	Quarterly	1.01 mS/cm	TM120	14/11/2016	Lab: Precision 1.3%, Bias 3.1%, Expanded Uncertainty 5.7%.

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
							Sampling: Immeasurable
Outfall	Lead (diss.filt)	>0.25 mg/l	Quarterly	0.612 µg/l	TM152	14/11/2016	Lab: Precision 1.3%, Bias 3.1%, Expanded Uncertainty 5.7%. Sampling: Immeasurable
Outfall	Nickel (diss.filt)	>0.1 mg/l	Quarterly	2.58 µg/l	TM152	14/11/2016	Lab: Precision 4.6%, Bias 1.2%, Expanded Uncertainty 10.4%. Sampling: Immeasurable
Outfall	EPH Range >C10-C40 (aq)	>2 mg/l	Quarterly	103 µg/l	TM172	14/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
Outfall	EPH Range >C10-C20 (aq)	>2 mg/l	Quarterly	47.1 µg/l	TM172	14/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
Outfall	EPH Range >C20-C30 (aq)	>2 mg/l	Quarterly	34.4 µg/l	TM172	14/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
Outfall	EPH Range >C30-C40 (aq)	>2 mg/l	Quarterly	21.4 µg/l	TM172	14/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
Outfall	Sulphate	>300 mg/l	Quarterly	220 mg/l	TM184	14/11/2016	Lab: Precision 2.7%, Bias 2.2%, Expanded Uncertainty 7.7%. Sampling: Immeasurable
Outfall	Chloride	>300 mg/l	Quarterly	81.6 mg/l	TM184	14/11/2016	Lab: Precision 2.8%, Bias 2.6%, Expanded Uncertainty 8.2%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
Outfall	Nitrite as N	>1 mg/l	Quarterly	<0.0152 mg/l	TM184	14/11/2016	Lab: Precision 2.2%, Bias 0.3%, Expanded Uncertainty 4.8%. Sampling: Immeasurable
Outfall	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	0.612 mg/l	TM184	14/11/2016	Lab: Precision 1.6%, Bias 2.7%, Expanded Uncertainty 4.8%. Sampling: Immeasurable
Outfall	Nitrate as N	>1 mg/l	Quarterly	<0.0677 mg/l	TM184	14/11/2016	Lab: Unknown. Sampling: Immeasurable
Outfall	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	<0.1 mg/l	TM184	14/11/2016	Lab: Precision 3.2%, Bias 3.0%, Expanded Uncertainty 9.4%. Sampling: Immeasurable
Outfall	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	0.95 mg/l	TM187	14/11/2016	Lab: Unknown. Sampling: Immeasurable
Outfall	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<0.5 µg/l	TM191	14/11/2016	Lab: Precision 5.3%, Bias -3.5%, Expanded Uncertainty 14.1%. Sampling: Immeasurable
Outfall	Zinc (tot.unfilt)	>1 mg/l	Quarterly	8.11 µg/l	TM191	14/11/2016	Lab: Precision 5.7%, Bias -2%, Expanded Uncertainty 13.1%. Sampling: Immeasurable
Outfall	Calcium (tot.unfilt)	>300 mg/l	Quarterly	129 mg/l	TM228	14/11/2016	Lab: Precision 5.2%, Bias -1.9%, Expanded Uncertainty 12.2%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
Outfall	pH	6.8 ñ 8.5	Quarterly	7.41 pH Units	TM256	14/11/2016	Lab: Precision 0.4%, Bias 0.8%, Expanded Uncertainty 1.7%. Sampling: Immeasurable
Outfall	GRO >C5-C12	>2 mg/l	Quarterly	<50 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
Outfall	GRO >C7-C8	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
Outfall	GRO >C5-C6	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
Outfall	GRO >C6-C7	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
Outfall	GRO >C8-C10	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
Outfall	GRO >C10-C12	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
Outfall	GRO >C5-C10	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 4	Suspended Solids, Total	>250 mg/l (1 occasion) >100 mg/l (3 consecutive occasions) >60 mg/l (4 consecutive occasions)	Quarterly	16.5 mg/l	TM022	16/11/2016	Lab: Precision 1.4%, Bias -2.8%, Expanded Uncertainty 5.6%. Sampling: Immeasurable
SW 4	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	3.55 mg/l	TM045	16/11/2016	Lab: Precision 8.9%, Bias 3.6%, Expanded Uncertainty 21.4%. Sampling: Immeasurable
SW 4	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	0.703 mg/l	TM099	16/11/2016	Lab: Precision 2.1%, Bias 1.6%, Expanded Uncertainty 5.7%. Sampling: Immeasurable
SW 4	Conductivity	>2000 µS/cm	Quarterly	0.78 mS/cm	TM120	16/11/2016	Lab: Precision 1.3%, Bias 3.1%, Expanded Uncertainty 5.7%. Sampling: Immeasurable
SW 4	Lead (diss.filt)	>0.25 mg/l	Quarterly	1.7 µg/l	TM152	16/11/2016	Lab: Precision 1.3%, Bias 3.1%, Expanded Uncertainty 5.7%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 4	Nickel (diss.filt)	>0.1 mg/l	Quarterly	1.52 µg/l	TM152	16/11/2016	Lab: Precision 4.6%, Bias 1.2%, Expanded Uncertainty 10.4%. Sampling: Immeasurable
SW 4	EPH Range >C10-C40 (aq)	>2 mg/l	Quarterly	<46 µg/l	TM172	16/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
SW 4	EPH Range >C10-C20 (aq)	>2 mg/l	Quarterly	<10 µg/l	TM172	16/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
SW 4	EPH Range >C20-C30 (aq)	>2 mg/l	Quarterly	<10 µg/l	TM172	16/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
SW 4	EPH Range >C30-C40 (aq)	>2 mg/l	Quarterly	16 µg/l	TM172	16/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
SW 4	Sulphate	>300 mg/l	Quarterly	121 mg/l	TM184	16/11/2016	Lab: Precision 2.7%, Bias 2.2%, Expanded Uncertainty 7.7%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 4	Chloride	>300 mg/l	Quarterly	55.3 mg/l	TM184	16/11/2016	Lab: Precision 2.8%, Bias 2.6%, Expanded Uncertainty 8.2%. Sampling: Immeasurable
SW 4	Nitrite as N	>1 mg/l	Quarterly	<0.0152 mg/l	TM184	16/11/2016	Lab: Precision 2.2%, Bias 0.3%, Expanded Uncertainty 4.8%. Sampling: Immeasurable
SW 4	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	1.37 mg/l	TM184	16/11/2016	Lab: Precision 1.6%, Bias 2.7%, Expanded Uncertainty 4.8%. Sampling: Immeasurable
SW 4	Nitrate as N	>1 mg/l	Quarterly	<0.0677 mg/l	TM184	16/11/2016	Lab: Unknown. Sampling: Immeasurable
SW 4	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	<0.1 mg/l	TM184	16/11/2016	Lab: Precision 3.2%, Bias 3.0%, Expanded Uncertainty 9.4%. Sampling: Immeasurable
SW 4	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	2.32 mg/l	TM187	16/11/2016	Lab: Unknown. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 4	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<0.5 µg/l	TM191	16/11/2016	Lab: Precision 5.3%, Bias -3.5%, Expanded Uncertainty 14.1%. Sampling: Immeasurable
SW 4	Zinc (tot.unfilt)	>1 mg/l	Quarterly	<3 µg/l	TM191	16/11/2016	Lab: Precision 5.7%, Bias -2%, Expanded Uncertainty 13.1%. Sampling: Immeasurable
SW 4	Calcium (tot.unfilt)	>300 mg/l	Quarterly	115 mg/l	TM228	16/11/2016	Lab: Precision 5.2%, Bias -1.9%, Expanded Uncertainty 12.2%. Sampling: Immeasurable
SW 4	pH	6.8 ñ 8.5	Quarterly	7.77 pH Units	TM256	16/11/2016	Lab: Precision 0.4%, Bias 0.8%, Expanded Uncertainty 1.7%. Sampling: Immeasurable
SW 4	GRO>C5-12	>2 mg/l	Quarterly	<50 µg/l	TM245	16/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW 4	GRO >C7-C8	>2 mg/l	Quarterly	<10 µg/l	TM245	16/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 4	GRO >C5-C6	>2 mg/l	Quarterly	<10 µg/l	TM245	16/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW 4	GRO >C6-C7	>2 mg/l	Quarterly	<10 µg/l	TM245	16/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW 4	GRO >C8-C10	>2 mg/l	Quarterly	<10 µg/l	TM245	16/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW 4	GRO >C10-C12	>2 mg/l	Quarterly	<10 µg/l	TM245	16/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW 4	GRO >C5-C10	>2 mg/l	Quarterly	<10 µg/l	TM245	16/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW5	Suspended Solids, Total	>250 mg/l (1 occasion) >100 mg/l (3 consecutive occasions) >60 mg/l (4 consecutive	Quarterly	13.5 mg/l	TM022	14/11/2016	Lab: Precision 1.4%, Bias -2.8%, Expanded Uncertainty 5.6%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
		occasions)					
SW5	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	<1 mg/l	TM045	14/11/2016	Lab: Precision 8.9%, Bias 3.6%, Expanded Uncertainty 21.4%. Sampling: Immeasurable
SW5	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	0.67 mg/l	TM099	14/11/2016	Lab: Precision 2.1%, Bias 1.6%, Expanded Uncertainty 5.7%. Sampling: Immeasurable
SW5	Conductivity	>2000 µS/cm	Quarterly	1.65 mS/cm	TM120	14/11/2016	Lab: Precision 1.3%, Bias 3.1%, Expanded Uncertainty 5.7%. Sampling: Immeasurable
SW5	Lead (diss.filt)	>0.25 mg/l	Quarterly	<0.1 µg/l	TM152	14/11/2016	Lab: Precision 1.3%, Bias 3.1%, Expanded Uncertainty 5.7%. Sampling: Immeasurable
SW5	Nickel (diss.filt)	>0.1 mg/l	Quarterly	2.75 µg/l	TM152	14/11/2016	Lab: Precision 4.6%, Bias 1.2%, Expanded Uncertainty 10.4%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW5	EPH Range >C10-C40 (aq)	>2 mg/l	Quarterly	47.1 µg/l	TM172	14/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
SW5	EPH Range >C10-C20 (aq)	>2 mg/l	Quarterly	15.5 µg/l	TM172	14/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
SW5	EPH Range >C20-C30 (aq)	>2 mg/l	Quarterly	18.5 µg/l	TM172	14/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
SW5	EPH Range >C30-C40 (aq)	>2 mg/l	Quarterly	13.2 µg/l	TM172	14/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
SW5	Sulphate	>300 mg/l	Quarterly	524 mg/l	TM184	14/11/2016	Lab: Precision 2.7%, Bias 2.2%, Expanded Uncertainty 7.7%. Sampling: Immeasurable
SW5	Chloride	>300 mg/l	Quarterly	136 mg/l	TM184	14/11/2016	Lab: Precision 2.8%, Bias 2.6%, Expanded Uncertainty 8.2%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW5	Nitrite as N	>1 mg/l	Quarterly	<0.0152 mg/l	TM184	14/11/2016	Lab: Precision 2.2%, Bias 0.3%, Expanded Uncertainty 4.8%. Sampling: Immeasurable
SW5	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	0.314 mg/l	TM184	14/11/2016	Lab: Precision 1.6%, Bias 2.7%, Expanded Uncertainty 4.8%. Sampling: Immeasurable
SW5	Nitrate as N	>1 mg/l	Quarterly	<0.0677 mg/l	TM184	14/11/2016	Lab: Unknown. Sampling: Immeasurable
SW5	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	<0.1 mg/l	TM184	14/11/2016	Lab: Precision 3.2%, Bias 3.0%, Expanded Uncertainty 9.4%. Sampling: Immeasurable
SW5	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	1.64 mg/l	TM187	14/11/2016	Lab: Unknown. Sampling: Immeasurable
SW5	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<0.5 µg/l	TM191	14/11/2016	Lab: Precision 5.3%, Bias -3.5%, Expanded Uncertainty 14.1%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW5	Zinc (tot.unfilt)	>1 mg/l	Quarterly	6.37 µg/l	TM191	14/11/2016	Lab: Precision 5.7%, Bias -2%, Expanded Uncertainty 13.1%. Sampling: Immeasurable
SW5	Calcium (tot.unfilt)	>300 mg/l	Quarterly	294 µg/l	TM228	14/11/2016	Lab: Precision 5.2%, Bias -1.9%, Expanded Uncertainty 12.2%. Sampling: Immeasurable
SW5	pH	6.8 ñ 8.5	Quarterly	8.27 µg/l	TM256	14/11/2016	Lab: Precision 0.4%, Bias 0.8%, Expanded Uncertainty 1.7%. Sampling: Immeasurable
SW5	GRO >C5-C12	>2 mg/l	Quarterly	<50 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW5	GRO >C7-C8	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW5	GRO >C5-C6	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW5	GRO >C6-C7	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW5	GRO >C8-C10	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW5	GRO >C10-C12	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW5	GRO >C5-C10	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW6	Suspended Solids, Total	>250 mg/l (1 occasion) >100 mg/l (3 consecutive occasions) >60 mg/l (4 consecutive occasions)	Quarterly	119 mg/l	TM022	14/11/2016	Lab: Precision 1.4%, Bias -2.8%, Expanded Uncertainty 5.6%. Sampling: Immeasurable
SW6	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3	Quarterly	8.38 mg/l	TM045	14/11/2016	Lab: Precision 8.9%, Bias 3.6%, Expanded Uncertainty 21.4%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
		consecutive occasions)					
SW6	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	0.821 mg/l	TM099	14/11/2016	Lab: Precision 2.1%, Bias 1.6%, Expanded Uncertainty 5.7%. Sampling: Immeasurable
SW6	Conductivity	>2000 µS/cm	Quarterly	0.858 mS/cm	TM120	14/11/2016	Lab: Precision 1.3%, Bias 3.1%, Expanded Uncertainty 5.7%. Sampling: Immeasurable
SW6	Lead (diss.filt)	>0.25 mg/l	Quarterly	0.146 µg/l	TM152	14/11/2016	Lab: Precision 1.3%, Bias 3.1%, Expanded Uncertainty 5.7%. Sampling: Immeasurable
SW6	Nickel (diss.filt)	>0.1 mg/l	Quarterly	1.5 µg/l	TM152	14/11/2016	Lab: Precision 4.6%, Bias 1.2%, Expanded Uncertainty 10.4%. Sampling: Immeasurable
SW6	EPH Range >C10-C40 (aq)	>2 mg/l	Quarterly	133 µg/l	TM172	14/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
SW6	EPH Range >C10-C20 (aq)	>2 mg/l	Quarterly	25.8 µg/l	TM172	14/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
SW6	EPH Range >C20-C30 (aq)	>2 mg/l	Quarterly	49.3 µg/l	TM172	14/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
SW6	EPH Range >C30-C40 (aq)	>2 mg/l	Quarterly	57.7 µg/l	TM172	14/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW6	Sulphate	>300 mg/l	Quarterly	146 mg/l	TM184	14/11/2016	Lab: Precision 2.7%, Bias 2.2%, Expanded Uncertainty 7.7%. Sampling: Immeasurable
SW6	Chloride	>300 mg/l	Quarterly	63.1 mg/l	TM184	14/11/2016	Lab: Precision 2.8%, Bias 2.6%, Expanded Uncertainty 8.2%. Sampling: Immeasurable
SW6	Nitrite as N	>1 mg/l	Quarterly	<0.0152 mg/l	TM184	14/11/2016	Lab: Precision 2.2%, Bias 0.3%, Expanded Uncertainty 4.8%. Sampling: Immeasurable
SW6	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	1.49 mg/l	TM184	14/11/2016	Lab: Precision 1.6%, Bias 2.7%, Expanded Uncertainty 4.8%. Sampling: Immeasurable
SW6	Nitrate as N	>1 mg/l	Quarterly	<0.0677 mg/l	TM184	14/11/2016	Lab: Unknown. Sampling: Immeasurable
SW6	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	<0.1 mg/l	TM184	14/11/2016	Lab: Precision 3.2%, Bias 3.0%, Expanded Uncertainty 9.4%. Sampling: Immeasurable
SW6	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	0.41 mg/l	TM187	14/11/2016	Lab: Unknown. Sampling: Immeasurable
SW6	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<0.5 µg/l	TM191	14/11/2016	Lab: Precision 5.3%, Bias -3.5%, Expanded Uncertainty 14.1%.

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
							Sampling: Immeasurable
SW6	Zinc (tot.unfilt)	>1 mg/l	Quarterly	39 µg/l	TM191	14/11/2016	Lab: Precision 5.7%, Bias -2%, Expanded Uncertainty 13.1%. Sampling: Immeasurable
SW6	Calcium (tot.unfilt)	>300 mg/l	Quarterly	129 mg/l	TM228	14/11/2016	Lab: Precision 5.2%, Bias -1.9%, Expanded Uncertainty 12.2%. Sampling: Immeasurable
SW6	pH	6.8 ñ 8.5	Quarterly	7.22 pH Units	TM256	14/11/2016	Lab: Precision 0.4%, Bias 0.8%, Expanded Uncertainty 1.7%. Sampling: Immeasurable
SW6	GRO >C5-C12	>2 mg/l	Quarterly	<50 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW6	GRO >C7-C8	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW6	GRO >C5-C6	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW6	GRO >C6-C7	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW6	GRO >C8-C10	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW6	GRO >C10-C12	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW6	GRO >C5-C10	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW 7	Suspended Solids, Total	>250 mg/l (1 occasion) >100 mg/l (3 consecutive occasions) >60 mg/l (4 consecutive occasions)	Quarterly	60 mg/l	TM022	15/11/2016	Lab: Precision 1.4%, Bias -2.8%, Expanded Uncertainty 5.6%. Sampling: Immeasurable
SW 7	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	3.67 mg/l	TM045	15/11/2016	Lab: Precision 8.9%, Bias 3.6%, Expanded Uncertainty 21.4%. Sampling: Immeasurable
SW 7	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	0.325 mg/l	TM099	15/11/2016	Lab: Precision 2.1%, Bias 1.6%, Expanded Uncertainty 5.7%. Sampling: Immeasurable
SW 7	Conductivity	>2000 µS/cm	Quarterly	1.49 mS/cm	TM120	15/11/2016	Lab: Precision 1.3%, Bias 3.1%, Expanded Uncertainty 5.7%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 7	Lead (diss.filt)	>0.25 mg/l	Quarterly	<0.1 µg/l	TM152	15/11/2016	Lab: Precision 1.3%, Bias 3.1%, Expanded Uncertainty 5.7%. Sampling: Immeasurable
SW 7	Nickel (diss.filt)	>0.1 mg/l	Quarterly	2.83 µg/l	TM152	15/11/2016	Lab: Precision 4.6%, Bias 1.2%, Expanded Uncertainty 10.4%. Sampling: Immeasurable
SW 7	EPH Range >C10-C40 (aq)	>2 mg/l	Quarterly	<46 µg/l	TM172	15/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
SW 7	EPH Range >C10-C20 (aq)	>2 mg/l	Quarterly	<10 µg/l	TM172	15/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
SW 7	EPH Range >C20-C30 (aq)	>2 mg/l	Quarterly	<10 µg/l	TM172	15/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
SW 7	EPH Range >C30-C40 (aq)	>2 mg/l	Quarterly	<10 µg/l	TM172	15/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 7	Sulphate	>300 mg/l	Quarterly	441 mg/l	TM184	15/11/2016	Lab: Precision 2.7%, Bias 2.2%, Expanded Uncertainty 7.7%. Sampling: Immeasurable
SW 7	Chloride	>300 mg/l	Quarterly	132 mg/l	TM184	15/11/2016	Lab: Precision 2.8%, Bias 2.6%, Expanded Uncertainty 8.2%. Sampling: Immeasurable
SW 7	Nitrite as N	>1 mg/l	Quarterly	0.0411 mg/l	TM184	15/11/2016	Lab: Precision 2.2%, Bias 0.3%, Expanded Uncertainty 4.8%. Sampling: Immeasurable
SW 7	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	0.293 mg/l	TM184	15/11/2016	Lab: Precision 1.6%, Bias 2.7%, Expanded Uncertainty 4.8%. Sampling: Immeasurable
SW 7	Nitrate as N	>1 mg/l	Quarterly	0.945 mg/l	TM184	15/11/2016	Lab: Unknown. Sampling: Immeasurable
SW 7	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	0.987 mg/l	TM184	15/11/2016	Lab: Precision 3.2%, Bias 3.0%, Expanded Uncertainty 9.4%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 7	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	2.48 mg/l	TM187	15/11/2016	Lab: Unknown. Sampling: Immeasurable
SW 7	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<0.5 µg/l	TM191	15/11/2016	Lab: Precision 5.3%, Bias -3.5%, Expanded Uncertainty 14.1%. Sampling: Immeasurable
SW 7	Zinc (tot.unfilt)	>1 mg/l	Quarterly	14.8 µg/l	TM191	15/11/2016	Lab: Precision 5.7%, Bias -2%, Expanded Uncertainty 13.1%. Sampling: Immeasurable
SW 7	Calcium (tot.unfilt)	>300 mg/l	Quarterly	233 mg/l	TM228	15/11/2016	Lab: Precision 5.2%, Bias -1.9%, Expanded Uncertainty 12.2%. Sampling: Immeasurable
SW 7	pH	6.8 ñ 8.5	Quarterly	7.58 pH Units	TM256	15/11/2016	Lab: Precision 0.4%, Bias 0.8%, Expanded Uncertainty 1.7%. Sampling: Immeasurable
SW 7	GRO>C5-12	>2 mg/l	Quarterly	<50 µg/l	TM245	15/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 7	GRO >C7-C8	>2 mg/l	Quarterly	<10 µg/l	TM245	15/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW 7	GRO >C5-C6	>2 mg/l	Quarterly	<10 µg/l	TM245	15/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW 7	GRO >C6-C7	>2 mg/l	Quarterly	<10 µg/l	TM245	15/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW 7	GRO >C8-C10	>2 mg/l	Quarterly	<10 µg/l	TM245	15/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW 7	GRO >C10-C12	>2 mg/l	Quarterly	<10 µg/l	TM245	15/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW 7	GRO >C5-C10	>2 mg/l	Quarterly	<10 µg/l	TM245	15/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW8	Suspended Solids, Total	>250 mg/l (1 occasion)	Quarterly	37 mg/l	TM022	14/11/2016	Lab: Precision 1.4%, Bias -2.8%, Expanded Uncertainty 5.6%.

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
		>100 mg/l (3 consecutive occasions) >60 mg/l (4 consecutive occasions)					Sampling: Immeasurable
SW8	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	7.15 mg/l	TM045	14/11/2016	Lab: Precision 8.9%, Bias 3.6%, Expanded Uncertainty 21.4%. Sampling: Immeasurable
SW8	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	0.541 mg/l	TM099	14/11/2016	Lab: Precision 2.1%, Bias 1.6%, Expanded Uncertainty 5.7%. Sampling: Immeasurable
SW8	Conductivity	>2000 µS/cm	Quarterly	0.749 mS/cm	TM120	14/11/2016	Lab: Precision 1.3%, Bias 3.1%, Expanded Uncertainty 5.7%. Sampling: Immeasurable
SW8	Lead (diss.filt)	>0.25 mg/l	Quarterly	0.1 µg/l	TM152	14/11/2016	Lab: Precision 1.3%, Bias 3.1%, Expanded Uncertainty 5.7%. Sampling: Immeasurable
SW8	Nickel (diss.filt)	>0.1 mg/l	Quarterly	1.36 µg/l	TM152	14/11/2016	Lab: Precision 4.6%, Bias 1.2%, Expanded Uncertainty 10.4%. Sampling: Immeasurable
SW8	EPH Range >C10-C40 (aq)	>2 mg/l	Quarterly	78.9 µg/l	TM172	14/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%.

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
							Sampling: Immeasurable
SW8	EPH Range >C10-C20 (aq)	>2 mg/l	Quarterly	24.2 µg/l	TM172	14/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
SW8	EPH Range >C20-C30 (aq)	>2 mg/l	Quarterly	24 µg/l	TM172	14/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
SW8	EPH Range >C30-C40 (aq)	>2 mg/l	Quarterly	30.6 µg/l	TM172	14/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
SW8	Sulphate	>300 mg/l	Quarterly	108 mg/l	TM184	14/11/2016	Lab: Precision 2.7%, Bias 2.2%, Expanded Uncertainty 7.7%. Sampling: Immeasurable
SW8	Chloride	>300 mg/l	Quarterly	63.3 mg/l	TM184	14/11/2016	Lab: Precision 2.8%, Bias 2.6%, Expanded Uncertainty 8.2%. Sampling: Immeasurable
SW8	Nitrite as N	>1 mg/l	Quarterly	<0.0152 mg/l	TM184	14/11/2016	Lab: Precision 2.2%, Bias 0.3%, Expanded Uncertainty 4.8%. Sampling: Immeasurable
SW8	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	0.663 mg/l	TM184	14/11/2016	Lab: Precision 1.6%, Bias 2.7%, Expanded Uncertainty 4.8%. Sampling: Immeasurable
SW8	Nitrate as N	>1 mg/l	Quarterly	<0.0677 mg/l	TM184	14/11/2016	Lab: Unknown. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW8	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	<0.1 mg/l	TM184	14/11/2016	Lab: Precision 3.2%, Bias 3.0%, Expanded Uncertainty 9.4%. Sampling: Immeasurable
SW8	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	<0.3 mg/l	TM187	14/11/2016	Lab: Unknown. Sampling: Immeasurable
SW8	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<0.5 µg/l	TM191	14/11/2016	Lab: Precision 5.3%, Bias -3.5%, Expanded Uncertainty 14.1%. Sampling: Immeasurable
SW8	Zinc (tot.unfilt)	>1 mg/l	Quarterly	<3 µg/l	TM191	14/11/2016	Lab: Precision 5.7%, Bias -2%, Expanded Uncertainty 13.1%. Sampling: Immeasurable
SW8	Calcium (tot.unfilt)	>300 mg/l	Quarterly	122 mg/l	TM228	14/11/2016	Lab: Precision 5.2%, Bias -1.9%, Expanded Uncertainty 12.2%. Sampling: Immeasurable
SW8	pH	6.8 ñ 8.5	Quarterly	7.39 pH Units	TM256	14/11/2016	Lab: Precision 0.4%, Bias 0.8%, Expanded Uncertainty 1.7%. Sampling: Immeasurable
SW8	GRO >C5-C12	>2 mg/l	Quarterly	<50 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW8	GRO >C7-C8	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW8	GRO >C5-C6	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW8	GRO >C6-C7	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW8	GRO >C8-C10	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW8	GRO >C10-C12	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW8	GRO >C5-C10	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW9	Suspended Solids, Total	>250 mg/l (1 occasion) >100 mg/l (3 consecutive occasions) >60 mg/l (4 consecutive occasions)	Quarterly	9.5 mg/l	TM022	14/11/2016	Lab: Precision 1.4%, Bias -2.8%, Expanded Uncertainty 5.6%. Sampling: Immeasurable
SW9	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	3.26 mg/l	TM045	14/11/2016	Lab: Precision 8.9%, Bias 3.6%, Expanded Uncertainty 21.4%. Sampling: Immeasurable
SW9	Ammoniacal Nitrogen as N	>1 mg/l (1	Quarterly	0.999 mg/l	TM099	14/11/2016	Lab: Precision 2.1%, Bias 1.6%,

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
		occasion) >0.5 mg/l (4 consecutive occasions)					Expanded Uncertainty 5.7%. Sampling: Immeasurable
SW9	Conductivity	>2000 µS/cm	Quarterly	0.877 mS/cm	TM120	14/11/2016	Lab: Precision 1.3%, Bias 3.1%, Expanded Uncertainty 5.7%. Sampling: Immeasurable
SW9	Lead (diss.filt)	>0.25 mg/l	Quarterly	<0.1 µg/l	TM152	14/11/2016	Lab: Precision 1.3%, Bias 3.1%, Expanded Uncertainty 5.7%. Sampling: Immeasurable
SW9	Nickel (diss.filt)	>0.1 mg/l	Quarterly	1.59 µg/l	TM152	14/11/2016	Lab: Precision 4.6%, Bias 1.2%, Expanded Uncertainty 10.4%. Sampling: Immeasurable
SW9	EPH Range >C10-C40 (aq)	>2 mg/l	Quarterly	77.8 µg/l	TM172	14/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
SW9	EPH Range >C10-C20 (aq)	>2 mg/l	Quarterly	33.1 µg/l	TM172	14/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
SW9	EPH Range >C20-C30 (aq)	>2 mg/l	Quarterly	25.9 µg/l	TM172	14/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
SW9	EPH Range >C30-C40 (aq)	>2 mg/l	Quarterly	18.8 µg/l	TM172	14/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
SW9	Sulphate	>300 mg/l	Quarterly	158 mg/l	TM184	14/11/2016	Lab: Precision 2.7%, Bias 2.2%,

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
							Expanded Uncertainty 7.7%. Sampling: Immeasurable
SW9	Chloride	>300 mg/l	Quarterly	74.7 mg/l	TM184	14/11/2016	Lab: Precision 2.8%, Bias 2.6%, Expanded Uncertainty 8.2%. Sampling: Immeasurable
SW9	Nitrite as N	>1 mg/l	Quarterly	<0.0152 mg/l	TM184	14/11/2016	Lab: Precision 2.2%, Bias 0.3%, Expanded Uncertainty 4.8%. Sampling: Immeasurable
SW9	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	0.709 mg/l	TM184	14/11/2016	Lab: Precision 1.6%, Bias 2.7%, Expanded Uncertainty 4.8%. Sampling: Immeasurable
SW9	Nitrate as N	>1 mg/l	Quarterly	<0.0677 mg/l	TM184	14/11/2016	Lab: Unknown. Sampling: Immeasurable
SW9	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	<0.1 mg/l	TM184	14/11/2016	Lab: Precision 3.2%, Bias 3.0%, Expanded Uncertainty 9.4%. Sampling: Immeasurable
SW9	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	<0.3 mg/l	TM187	14/11/2016	Lab: Unknown. Sampling: Immeasurable
SW9	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<0.5 µg/l	TM191	14/11/2016	Lab: Precision 5.3%, Bias -3.5%, Expanded Uncertainty 14.1%. Sampling: Immeasurable
SW9	Zinc (tot.unfilt)	>1 mg/l	Quarterly	9.28 µg/l	TM191	14/11/2016	Lab: Precision 5.7%, Bias -2%,

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
							Expanded Uncertainty 13.1%. Sampling: Immeasurable
SW9	Calcium (tot.unfilt)	>300 mg/l	Quarterly	126 mg/l	TM228	14/11/2016	Lab: Precision 5.2%, Bias -1.9%, Expanded Uncertainty 12.2%. Sampling: Immeasurable
SW9	pH	6.8 ñ 8.5	Quarterly	7.38 pH Units	TM256	14/11/2016	Lab: Precision 0.4%, Bias 0.8%, Expanded Uncertainty 1.7%. Sampling: Immeasurable
SW9	GRO >C5-C12	>2 mg/l	Quarterly	<50 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW9	GRO >C7-C8	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW9	GRO >C5-C6	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW9	GRO >C6-C7	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW9	GRO >C8-C10	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW9	GRO >C10-C12	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW9	GRO >C5-C10	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW10	Suspended Solids, Total	>250 mg/l (1 occasion) >100 mg/l (3 consecutive occasions) >60 mg/l (4 consecutive occasions)	Quarterly	36.5 mg/l	TM022	14/11/2016	Lab: Precision 1.4%, Bias -2.8%, Expanded Uncertainty 5.6%. Sampling: Immeasurable
SW10	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	2.4 mg/l	TM045	14/11/2016	Lab: Precision 8.9%, Bias 3.6%, Expanded Uncertainty 21.4%. Sampling: Immeasurable
SW10	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	1.93 mg/l	TM099	14/11/2016	Lab: Precision 2.1%, Bias 1.6%, Expanded Uncertainty 5.7%. Sampling: Immeasurable
SW10	Conductivity	>2000 µS/cm	Quarterly	1.03 mS/cm	TM120	14/11/2016	Lab: Precision 1.3%, Bias 3.1%, Expanded Uncertainty 5.7%. Sampling: Immeasurable
SW10	Lead (diss.filt)	>0.25 mg/l	Quarterly	0.736 µg/l	TM152	14/11/2016	Lab: Precision 1.3%, Bias 3.1%, Expanded Uncertainty 5.7%. Sampling: Immeasurable
SW10	Nickel (diss.filt)	>0.1 mg/l	Quarterly	2.98 µg/l	TM152	14/11/2016	Lab: Precision 4.6%, Bias 1.2%, Expanded Uncertainty 10.4%.

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
							Sampling: Immeasurable
SW10	EPH Range >C10-C40 (aq)	>2 mg/l	Quarterly	135 µg/l	TM172	14/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
SW10	EPH Range >C10-C20 (aq)	>2 mg/l	Quarterly	45.8 µg/l	TM172	14/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
SW10	EPH Range >C20-C30 (aq)	>2 mg/l	Quarterly	57.7 µg/l	TM172	14/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
SW10	EPH Range >C30-C40 (aq)	>2 mg/l	Quarterly	31.9 µg/l	TM172	14/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
SW10	Sulphate	>300 mg/l	Quarterly	210 mg/l	TM184	14/11/2016	Lab: Precision 2.7%, Bias 2.2%, Expanded Uncertainty 7.7%. Sampling: Immeasurable
SW10	Chloride	>300 mg/l	Quarterly	85.4 mg/l	TM184	14/11/2016	Lab: Precision 2.8%, Bias 2.6%, Expanded Uncertainty 8.2%. Sampling: Immeasurable
SW10	Nitrite as N	>1 mg/l	Quarterly	0.0186 mg/l	TM184	14/11/2016	Lab: Precision 2.2%, Bias 0.3%, Expanded Uncertainty 4.8%. Sampling: Immeasurable
SW10	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	0.505 mg/l	TM184	14/11/2016	Lab: Precision 1.6%, Bias 2.7%, Expanded Uncertainty 4.8%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW10	Nitrate as N	>1 mg/l	Quarterly	<0.0677 mg/l	TM184	14/11/2016	Lab: Unknown. Sampling: Immeasurable
SW10	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	<0.1 mg/l	TM184	14/11/2016	Lab: Precision 3.2%, Bias 3.0%, Expanded Uncertainty 9.4%. Sampling: Immeasurable
SW10	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	2.05 mg/l	TM187	14/11/2016	Lab: Unknown. Sampling: Immeasurable
SW10	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<0.5 µg/l	TM191	14/11/2016	Lab: Precision 5.3%, Bias -3.5%, Expanded Uncertainty 14.1%. Sampling: Immeasurable
SW10	Zinc (tot.unfilt)	>1 mg/l	Quarterly	3.83 µg/l	TM191	14/11/2016	Lab: Precision 5.7%, Bias -2%, Expanded Uncertainty 13.1%. Sampling: Immeasurable
SW10	Calcium (tot.unfilt)	>300 mg/l	Quarterly	161 mg/l	TM228	14/11/2016	Lab: Precision 5.2%, Bias -1.9%, Expanded Uncertainty 12.2%. Sampling: Immeasurable
SW10	pH	6.8 ñ 8.5	Quarterly	7.66 pH Units	TM256	14/11/2016	Lab: Precision 0.4%, Bias 0.8%, Expanded Uncertainty 1.7%. Sampling: Immeasurable
SW10	GRO >C5-C12	>2 mg/l	Quarterly	<50 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%.

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
							Sampling: Immeasurable
SW10	GRO >C7-C8	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW10	GRO >C5-C6	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW10	GRO >C6-C7	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW10	GRO >C8-C10	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW10	GRO >C10-C12	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW10	GRO >C5-C10	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW11	Suspended Solids, Total	>250 mg/l (1 occasion) >100 mg/l (3 consecutive occasions) >60 mg/l (4 consecutive occasions)	Quarterly	41.5 mg/l	TM022	14/11/2016	Lab: Precision 1.4%, Bias -2.8%, Expanded Uncertainty 5.6%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW11	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	6.14 mg/l	TM045	14/11/2016	Lab: Precision 8.9%, Bias 3.6%, Expanded Uncertainty 21.4%. Sampling: Immeasurable
SW11	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	5.93 mg/l	TM099	14/11/2016	Lab: Precision 2.1%, Bias 1.6%, Expanded Uncertainty 5.7%. Sampling: Immeasurable
SW11	Conductivity	>2000 µS/cm	Quarterly	1.16 mS/cm	TM120	14/11/2016	Lab: Precision 1.3%, Bias 3.1%, Expanded Uncertainty 5.7%. Sampling: Immeasurable
SW11	Lead (diss.filt)	>0.25 mg/l	Quarterly	0.619 µg/l	TM152	14/11/2016	Lab: Precision 1.3%, Bias 3.1%, Expanded Uncertainty 5.7%. Sampling: Immeasurable
SW11	Nickel (diss.filt)	>0.1 mg/l	Quarterly	6.91 µg/l	TM152	14/11/2016	Lab: Precision 4.6%, Bias 1.2%, Expanded Uncertainty 10.4%. Sampling: Immeasurable
SW11	EPH Range >C10-C40 (aq)	>2 mg/l	Quarterly	332 µg/l	TM172	14/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
SW11	EPH Range >C10-C20 (aq)	>2 mg/l	Quarterly	83.7 µg/l	TM172	14/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
SW11	EPH Range >C20-C30 (aq)	>2 mg/l	Quarterly	150 µg/l	TM172	14/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW11	EPH Range >C30-C40 (aq)	>2 mg/l	Quarterly	97.5 µg/l	TM172	14/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
SW11	Sulphate	>300 mg/l	Quarterly	283 mg/l	TM184	14/11/2016	Lab: Precision 2.7%, Bias 2.2%, Expanded Uncertainty 7.7%. Sampling: Immeasurable
SW11	Chloride	>300 mg/l	Quarterly	102 mg/l	TM184	14/11/2016	Lab: Precision 2.8%, Bias 2.6%, Expanded Uncertainty 8.2%. Sampling: Immeasurable
SW11	Nitrite as N	>1 mg/l	Quarterly	<0.0152 mg/l	TM184	14/11/2016	Lab: Precision 2.2%, Bias 0.3%, Expanded Uncertainty 4.8%. Sampling: Immeasurable
SW11	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	0.105 mg/l	TM184	14/11/2016	Lab: Precision 1.6%, Bias 2.7%, Expanded Uncertainty 4.8%. Sampling: Immeasurable
SW11	Nitrate as N	>1 mg/l	Quarterly	<0.0677 mg/l	TM184	14/11/2016	Lab: Unknown. Sampling: Immeasurable
SW11	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	<0.1 mg/l	TM184	14/11/2016	Lab: Precision 3.2%, Bias 3.0%, Expanded Uncertainty 9.4%. Sampling: Immeasurable
SW11	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	0.37 mg/l	TM187	14/11/2016	Lab: Unknown. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW11	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<0.5 µg/l	TM191	14/11/2016	Lab: Precision 5.3%, Bias -3.5%, Expanded Uncertainty 14.1%. Sampling: Immeasurable
SW11	Zinc (tot.unfilt)	>1 mg/l	Quarterly	33.7 µg/l	TM191	14/11/2016	Lab: Precision 5.7%, Bias -2%, Expanded Uncertainty 13.1%. Sampling: Immeasurable
SW11	Calcium (tot.unfilt)	>300 mg/l	Quarterly	164 mg/l	TM228	14/11/2016	Lab: Precision 5.2%, Bias -1.9%, Expanded Uncertainty 12.2%. Sampling: Immeasurable
SW11	pH	6.8 ñ 8.5	Quarterly	7.57 pH Units	TM256	14/11/2016	Lab: Precision 0.4%, Bias 0.8%, Expanded Uncertainty 1.7%. Sampling: Immeasurable
SW11	GRO >C5-C12	>2 mg/l	Quarterly	<50 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW11	GRO >C7-C8	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW11	GRO >C5-C6	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW11	GRO >C6-C7	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW11	GRO >C8-C10	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW11	GRO >C10-C12	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%,

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
							Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW11	GRO >C5-C10	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW12	Suspended Solids, Total	>250 mg/l (1 occasion) >100 mg/l (3 consecutive occasions) >60 mg/l (4 consecutive occasions)	Quarterly	20.5 mg/l	TM022	14/11/2016	Lab: Precision 1.4%, Bias -2.8%, Expanded Uncertainty 5.6%. Sampling: Immeasurable
SW12	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	2.86 mg/l	TM045	14/11/2016	Lab: Precision 8.9%, Bias 3.6%, Expanded Uncertainty 21.4%. Sampling: Immeasurable
SW12	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	0.0513 mg/l	TM099	14/11/2016	Lab: Precision 2.1%, Bias 1.6%, Expanded Uncertainty 5.7%. Sampling: Immeasurable
SW12	Conductivity	>2000 µS/cm	Quarterly	0.794 mS/cm	TM120	14/11/2016	Lab: Precision 1.3%, Bias 3.1%, Expanded Uncertainty 5.7%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW12	Lead (diss.filt)	>0.25 mg/l	Quarterly	0.609 µg/l	TM152	14/11/2016	Lab: Precision 1.3%, Bias 3.1%, Expanded Uncertainty 5.7%. Sampling: Immeasurable
SW12	Nickel (diss.filt)	>0.1 mg/l	Quarterly	1.43 µg/l	TM152	14/11/2016	Lab: Precision 4.6%, Bias 1.2%, Expanded Uncertainty 10.4%. Sampling: Immeasurable
SW12	EPH Range >C10-C40 (aq)	>2 mg/l	Quarterly	79.5 µg/l	TM172	14/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
SW12	EPH Range >C10-C20 (aq)	>2 mg/l	Quarterly	23.6 µg/l	TM172	14/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
SW12	EPH Range >C20-C30 (aq)	>2 mg/l	Quarterly	31.6 µg/l	TM172	14/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
SW12	EPH Range >C30-C40 (aq)	>2 mg/l	Quarterly	24.3 µg/l	TM172	14/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
SW12	Sulphate	>300 mg/l	Quarterly	81.8 mg/l	TM184	14/11/2016	Lab: Precision 2.7%, Bias 2.2%, Expanded Uncertainty 7.7%. Sampling: Immeasurable
SW12	Chloride	>300 mg/l	Quarterly	56.9 mg/l	TM184	14/11/2016	Lab: Precision 2.8%, Bias 2.6%, Expanded Uncertainty 8.2%. Sampling: Immeasurable
SW12	Nitrite as N	>1 mg/l	Quarterly	<0.0152 mg/l	TM184	14/11/2016	Lab: Precision 2.2%, Bias 0.3%, Expanded Uncertainty 4.8%.

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
							Sampling: Immeasurable
SW12	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	0.921 mg/l	TM184	14/11/2016	Lab: Precision 1.6%, Bias 2.7%, Expanded Uncertainty 4.8%. Sampling: Immeasurable
SW12	Nitrate as N	>1 mg/l	Quarterly	<0.0677 mg/l	TM184	14/11/2016	Lab: Unknown. Sampling: Immeasurable
SW12	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	<0.1 mg/l	TM184	14/11/2016	Lab: Precision 3.2%, Bias 3.0%, Expanded Uncertainty 9.4%. Sampling: Immeasurable
SW12	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	1.14 mg/l	TM187	14/11/2016	Lab: Unknown. Sampling: Immeasurable
SW12	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<0.5 µg/l	TM191	14/11/2016	Lab: Precision 5.3%, Bias -3.5%, Expanded Uncertainty 14.1%. Sampling: Immeasurable
SW12	Zinc (tot.unfilt)	>1 mg/l	Quarterly	9.32 µg/l	TM191	14/11/2016	Lab: Precision 5.7%, Bias -2%, Expanded Uncertainty 13.1%. Sampling: Immeasurable
SW12	Calcium (tot.unfilt)	>300 mg/l	Quarterly	127 mg/l	TM228	14/11/2016	Lab: Precision 5.2%, Bias -1.9%, Expanded Uncertainty 12.2%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW12	pH	6.8 ñ 8.5	Quarterly	7.4 pH Units	TM256	14/11/2016	Lab: Precision 0.4%, Bias 0.8%, Expanded Uncertainty 1.7%. Sampling: Immeasurable
SW12	GRO >C5-C12	>2 mg/l	Quarterly	<50 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW12	GRO >C7-C8	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW12	GRO >C5-C6	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW12	GRO >C6-C7	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW12	GRO >C8-C10	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW12	GRO >C10-C12	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW12	GRO >C5-C10	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW13	Suspended Solids, Total	>250 mg/l (1	Quarterly	9 mg/l	TM022	14/11/2016	Lab: Precision 1.4%, Bias -2.8%, Expanded Uncertainty 5.6%.

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
		occasion) >100 mg/l (3 consecutive occasions) >60 mg/l (4 consecutive occasions)					Sampling: Immeasurable
SW13	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	11.9 mg/l	TM045	14/11/2016	Lab: Precision 8.9%, Bias 3.6%, Expanded Uncertainty 21.4%. Sampling: Immeasurable
SW13	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	0.874 mg/l	TM099	14/11/2016	Lab: Precision 2.1%, Bias 1.6%, Expanded Uncertainty 5.7%. Sampling: Immeasurable
SW13	Conductivity	>2000 µS/cm	Quarterly	1.07 mS/cm	TM120	14/11/2016	Lab: Precision 1.3%, Bias 3.1%, Expanded Uncertainty 5.7%. Sampling: Immeasurable
SW13	Lead (diss.filt)	>0.25 mg/l	Quarterly	1.09 µg/l	TM152	14/11/2016	Lab: Precision 1.3%, Bias 3.1%, Expanded Uncertainty 5.7%. Sampling: Immeasurable
SW13	Nickel (diss.filt)	>0.1 mg/l	Quarterly	2.51 µg/l	TM152	14/11/2016	Lab: Precision 4.6%, Bias 1.2%, Expanded Uncertainty 10.4%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW13	EPH Range >C10-C40 (aq)	>2 mg/l	Quarterly	107 µg/l	TM172	14/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
SW13	EPH Range >C10-C20 (aq)	>2 mg/l	Quarterly	31.8 µg/l	TM172	14/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
SW13	EPH Range >C20-C30 (aq)	>2 mg/l	Quarterly	41 µg/l	TM172	14/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
SW13	EPH Range >C30-C40 (aq)	>2 mg/l	Quarterly	34.6 µg/l	TM172	14/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
SW13	Sulphate	>300 mg/l	Quarterly	72.4 mg/l	TM184	14/11/2016	Lab: Precision 2.7%, Bias 2.2%, Expanded Uncertainty 7.7%. Sampling: Immeasurable
SW13	Chloride	>300 mg/l	Quarterly	90.4 mg/l	TM184	14/11/2016	Lab: Precision 2.8%, Bias 2.6%, Expanded Uncertainty 8.2%. Sampling: Immeasurable
SW13	Nitrite as N	>1 mg/l	Quarterly	<0.0152 mg/l	TM184	14/11/2016	Lab: Precision 2.2%, Bias 0.3%, Expanded Uncertainty 4.8%. Sampling: Immeasurable
SW13	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	4.13 mg/l	TM184	14/11/2016	Lab: Precision 1.6%, Bias 2.7%, Expanded Uncertainty 4.8%. Sampling: Immeasurable
SW13	Nitrate as N	>1 mg/l	Quarterly	<0.0677 mg/l	TM184	14/11/2016	Lab: Unknown. Sampling: Immeasurable
SW13	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	<0.1 mg/l	TM184	14/11/2016	Lab: Precision 3.2%, Bias 3.0%, Expanded Uncertainty 9.4%.

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
							Sampling: Immeasurable
SW13	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	0.56 mg/l	TM187	14/11/2016	Lab: Unknown. Sampling: Immeasurable
SW13	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<0.5 µg/l	TM191	14/11/2016	Lab: Precision 5.3%, Bias -3.5%, Expanded Uncertainty 14.1%. Sampling: Immeasurable
SW13	Zinc (tot.unfilt)	>1 mg/l	Quarterly	17 µg/l	TM191	14/11/2016	Lab: Precision 5.7%, Bias -2%, Expanded Uncertainty 13.1%. Sampling: Immeasurable
SW13	Calcium (tot.unfilt)	>300 mg/l	Quarterly	141 mg/l	TM228	14/11/2016	Lab: Precision 5.2%, Bias -1.9%, Expanded Uncertainty 12.2%. Sampling: Immeasurable
SW13	pH	6.8 ñ 8.5	Quarterly	7.76 pH Units	TM256	14/11/2016	Lab: Precision 0.4%, Bias 0.8%, Expanded Uncertainty 1.7%. Sampling: Immeasurable
SW13	GRO >C5-C12	>2 mg/l	Quarterly	<50 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW13	GRO >C7-C8	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW13	GRO >C5-C6	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW13	GRO >C6-C7	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW13	GRO >C8-C10	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW13	GRO >C10-C12	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW13	GRO >C5-C10	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW15	Suspended Solids, Total	>250 mg/l (1 occasion) >100 mg/l (3 consecutive occasions) >60 mg/l (4 consecutive occasions)	Quarterly	5.5 mg/l	TM022	14/11/2016	Lab: Precision 1.4%, Bias -2.8%, Expanded Uncertainty 5.6%. Sampling: Immeasurable
SW15	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	4.15 mg/l	TM045	14/11/2016	Lab: Precision 8.9%, Bias 3.6%, Expanded Uncertainty 21.4%. Sampling: Immeasurable
SW15	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive)	Quarterly	3.63 mg/l	TM099	14/11/2016	Lab: Precision 2.1%, Bias 1.6%, Expanded Uncertainty 5.7%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
		occasions)					
SW15	Conductivity	>2000 µS/cm	Quarterly	1.72 mS/cm	TM120	14/11/2016	Lab: Precision 1.3%, Bias 3.1%, Expanded Uncertainty 5.7%. Sampling: Immeasurable
SW15	Lead (diss.filt)	>0.25 mg/l	Quarterly	0.231 µg/l	TM152	14/11/2016	Lab: Precision 1.3%, Bias 3.1%, Expanded Uncertainty 5.7%. Sampling: Immeasurable
SW15	Nickel (diss.filt)	>0.1 mg/l	Quarterly	4.22 µg/l	TM152	14/11/2016	Lab: Precision 4.6%, Bias 1.2%, Expanded Uncertainty 10.4%. Sampling: Immeasurable
SW15	EPH Range >C10-C40 (aq)	>2 mg/l	Quarterly	91.2 µg/l	TM172	14/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
SW15	EPH Range >C10-C20 (aq)	>2 mg/l	Quarterly	36.5 µg/l	TM172	14/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
SW15	EPH Range >C20-C30 (aq)	>2 mg/l	Quarterly	35 µg/l	TM172	14/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
SW15	EPH Range >C30-C40 (aq)	>2 mg/l	Quarterly	19.8 µg/l	TM172	14/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
SW15	Sulphate	>300 mg/l	Quarterly	583 mg/l	TM184	14/11/2016	Lab: Precision 2.7%, Bias 2.2%, Expanded Uncertainty 7.7%. Sampling: Immeasurable
SW15	Chloride	>300 mg/l	Quarterly	158 mg/l	TM184	14/11/2016	Lab: Precision 2.8%, Bias 2.6%, Expanded Uncertainty 8.2%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW15	Nitrite as N	>1 mg/l	Quarterly	0.0173 mg/l	TM184	14/11/2016	Lab: Precision 2.2%, Bias 0.3%, Expanded Uncertainty 4.8%. Sampling: Immeasurable
SW15	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	1.05 mg/l	TM184	14/11/2016	Lab: Precision 1.6%, Bias 2.7%, Expanded Uncertainty 4.8%. Sampling: Immeasurable
SW15	Nitrate as N	>1 mg/l	Quarterly	0.0691 mg/l	TM184	14/11/2016	Lab: Unknown. Sampling: Immeasurable
SW15	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	<0.1 mg/l	TM184	14/11/2016	Lab: Precision 3.2%, Bias 3.0%, Expanded Uncertainty 9.4%. Sampling: Immeasurable
SW15	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	1.08 mg/l	TM187	14/11/2016	Lab: Unknown. Sampling: Immeasurable
SW15	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<0.5 µg/l	TM191	14/11/2016	Lab: Precision 5.3%, Bias -3.5%, Expanded Uncertainty 14.1%. Sampling: Immeasurable
SW15	Zinc (tot.unfilt)	>1 mg/l	Quarterly	11.8 µg/l	TM191	14/11/2016	Lab: Precision 5.7%, Bias -2%, Expanded Uncertainty 13.1%. Sampling: Immeasurable
SW15	Calcium (tot.unfilt)	>300 mg/l	Quarterly	274 mg/l	TM228	14/11/2016	Lab: Precision 5.2%, Bias -1.9%, Expanded Uncertainty 12.2%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW15	pH	6.8 ñ 8.5	Quarterly	7.55 pH Units	TM256	14/11/2016	Lab: Precision 0.4%, Bias 0.8%, Expanded Uncertainty 1.7%. Sampling: Immeasurable
SW15	GRO >C5-C12	>2 mg/l	Quarterly	<50 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW15	GRO >C7-C8	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW15	GRO >C5-C6	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW15	GRO >C6-C7	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW15	GRO >C8-C10	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW15	GRO >C10-C12	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW15	GRO >C5-C10	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW16	Suspended Solids, Total	>250 mg/l (1 occasion) >100 mg/l (3 consecutive occasions) >60 mg/l (4	Quarterly	133 mg/l	TM022	14/11/2016	Lab: Precision 1.4%, Bias -2.8%, Expanded Uncertainty 5.6%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
		consecutive occasions)					
SW16	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	20.4 mg/l	TM045	14/11/2016	Lab: Precision 8.9%, Bias 3.6%, Expanded Uncertainty 21.4%. Sampling: Immeasurable
SW16	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	1.68 mg/l	TM099	14/11/2016	Lab: Precision 2.1%, Bias 1.6%, Expanded Uncertainty 5.7%. Sampling: Immeasurable
SW16	Conductivity	>2000 µS/cm	Quarterly	1.17 mS/cm	TM120	14/11/2016	Lab: Precision 1.3%, Bias 3.1%, Expanded Uncertainty 5.7%. Sampling: Immeasurable
SW16	Lead (diss.filt)	>0.25 mg/l	Quarterly	<0.1 µg/l	TM152	14/11/2016	Lab: Precision 1.3%, Bias 3.1%, Expanded Uncertainty 5.7%. Sampling: Immeasurable
SW16	Nickel (diss.filt)	>0.1 mg/l	Quarterly	1.6 µg/l	TM152	14/11/2016	Lab: Precision 4.6%, Bias 1.2%, Expanded Uncertainty 10.4%. Sampling: Immeasurable
SW16	EPH Range >C10-C40 (aq)	>2 mg/l	Quarterly	128 µg/l	TM172	14/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
SW16	EPH Range >C10-C20 (aq)	>2 mg/l	Quarterly	32.7 µg/l	TM172	14/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW16	EPH Range >C20-C30 (aq)	>2 mg/l	Quarterly	41.4 µg/l	TM172	14/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
SW16	EPH Range >C30-C40 (aq)	>2 mg/l	Quarterly	54.1 µg/l	TM172	14/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
SW16	Sulphate	>300 mg/l	Quarterly	170 mg/l	TM184	14/11/2016	Lab: Precision 2.7%, Bias 2.2%, Expanded Uncertainty 7.7%. Sampling: Immeasurable
SW16	Chloride	>300 mg/l	Quarterly	131 mg/l	TM184	14/11/2016	Lab: Precision 2.8%, Bias 2.6%, Expanded Uncertainty 8.2%. Sampling: Immeasurable
SW16	Nitrite as N	>1 mg/l	Quarterly	<0.0152 mg/l	TM184	14/11/2016	Lab: Precision 2.2%, Bias 0.3%, Expanded Uncertainty 4.8%. Sampling: Immeasurable
SW16	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	2.52 mg/l	TM184	14/11/2016	Lab: Precision 1.6%, Bias 2.7%, Expanded Uncertainty 4.8%. Sampling: Immeasurable
SW16	Nitrate as N	>1 mg/l	Quarterly	<0.0677 mg/l	TM184	14/11/2016	Lab: Unknown. Sampling: Immeasurable
SW16	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	<0.1 mg/l	TM184	14/11/2016	Lab: Precision 3.2%, Bias 3.0%, Expanded Uncertainty 9.4%. Sampling: Immeasurable
SW16	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3	Quarterly	0.79 mg/l	TM046	14/11/2016	Lab: Unknown. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
		consecutive occasions)					
SW16	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<0.5 µg/l	TM191	14/11/2016	Lab: Precision 5.3%, Bias -3.5%, Expanded Uncertainty 14.1%. Sampling: Immeasurable
SW16	Zinc (tot.unfilt)	>1 mg/l	Quarterly	17.6 µg/l	TM191	14/11/2016	Lab: Precision 5.7%, Bias -2%, Expanded Uncertainty 13.1%. Sampling: Immeasurable
SW16	Calcium (tot.unfilt)	>300 mg/l	Quarterly	167 mg/l	TM228	14/11/2016	Lab: Precision 5.2%, Bias -1.9%, Expanded Uncertainty 12.2%. Sampling: Immeasurable
SW16	pH	6.8 ñ 8.5	Quarterly	7.4 pH Units	TM256	14/11/2016	Lab: Precision 0.4%, Bias 0.8%, Expanded Uncertainty 1.7%. Sampling: Immeasurable
SW16	GRO >C5-C12	>2 mg/l	Quarterly	<50 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW16	GRO >C7-C8	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW16	GRO >C5-C6	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW16	GRO >C6-C7	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW16	GRO >C8-C10	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%.

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
							Sampling: Immeasurable
SW16	GRO >C10-C12	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW16	GRO >C5-C10	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW17	Suspended Solids, Total	>250 mg/l (1 occasion) >100 mg/l (3 consecutive occasions) >60 mg/l (4 consecutive occasions)	Quarterly	47 mg/l	TM022	14/11/2016	Lab: Precision 1.4%, Bias -2.8%, Expanded Uncertainty 5.6%. Sampling: Immeasurable
SW17	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	20.3 mg/l	TM045	14/11/2016	Lab: Precision 8.9%, Bias 3.6%, Expanded Uncertainty 21.4%. Sampling: Immeasurable
SW17	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	3.83 mg/l	TM099	14/11/2016	Lab: Precision 2.1%, Bias 1.6%, Expanded Uncertainty 5.7%. Sampling: Immeasurable
SW17	Conductivity	>2000 µS/cm	Quarterly	1.38 mS/cm	TM120	14/11/2016	Lab: Precision 1.3%, Bias 3.1%, Expanded Uncertainty 5.7%.

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
							Sampling: Immeasurable
SW17	Lead (diss.filt)	>0.25 mg/l	Quarterly	<0.1 µg/l	TM152	14/11/2016	Lab: Precision 1.3%, Bias 3.1%, Expanded Uncertainty 5.7%. Sampling: Immeasurable
SW17	Nickel (diss.filt)	>0.1 mg/l	Quarterly	1.97 µg/l	TM152	14/11/2016	Lab: Precision 4.6%, Bias 1.2%, Expanded Uncertainty 10.4%. Sampling: Immeasurable
SW17	EPH Range >C10-C40 (aq)	>2 mg/l	Quarterly	291 µg/l	TM172	14/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
SW17	EPH Range >C10-C20 (aq)	>2 mg/l	Quarterly	88.5 µg/l	TM172	14/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
SW17	EPH Range >C20-C30 (aq)	>2 mg/l	Quarterly	96.4 µg/l	TM172	14/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
SW17	EPH Range >C30-C40 (aq)	>2 mg/l	Quarterly	106 µg/l	TM172	14/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
SW17	Sulphate	>300 mg/l	Quarterly	292 mg/l	TM184	14/11/2016	Lab: Precision 2.7%, Bias 2.2%, Expanded Uncertainty 7.7%. Sampling: Immeasurable
SW17	Chloride	>300 mg/l	Quarterly	148 mg/l	TM184	14/11/2016	Lab: Precision 2.8%, Bias 2.6%, Expanded Uncertainty 8.2%. Sampling: Immeasurable
SW17	Nitrite as N	>1 mg/l	Quarterly	<0.0152 mg/l	TM184	14/11/2016	Lab: Precision 2.2%, Bias 0.3%, Expanded Uncertainty 4.8%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW17	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	2.17 mg/l	TM184	14/11/2016	Lab: Precision 1.6%, Bias 2.7%, Expanded Uncertainty 4.8%. Sampling: Immeasurable
SW17	Nitrate as N	>1 mg/l	Quarterly	<0.0677 mg/l	TM184	14/11/2016	Lab: Unknown. Sampling: Immeasurable
SW17	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	<0.1 mg/l	TM184	14/11/2016	Lab: Precision 3.2%, Bias 3.0%, Expanded Uncertainty 9.4%. Sampling: Immeasurable
SW17	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	<0.3 mg/l	TM187	14/11/2016	Lab: Unknown. Sampling: Immeasurable
SW17	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<0.5 µg/l	TM191	14/11/2016	Lab: Precision 5.3%, Bias -3.5%, Expanded Uncertainty 14.1%. Sampling: Immeasurable
SW17	Zinc (tot.unfilt)	>1 mg/l	Quarterly	46 µg/l	TM191	14/11/2016	Lab: Precision 5.7%, Bias -2%, Expanded Uncertainty 13.1%. Sampling: Immeasurable
SW17	Calcium (tot.unfilt)	>300 mg/l	Quarterly	214 mg/l	TM228	14/11/2016	Lab: Precision 5.2%, Bias -1.9%, Expanded Uncertainty 12.2%. Sampling: Immeasurable
SW17	pH	6.8 ñ 8.5	Quarterly	7.21 pH Units	TM256	14/11/2016	Lab: Precision 0.4%, Bias 0.8%, Expanded Uncertainty 1.7%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW17	GRO >C5-C12	>2 mg/l	Quarterly	<50 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW17	GRO >C7-C8	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW17	GRO >C5-C6	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW17	GRO >C6-C7	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW17	GRO >C8-C10	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW17	GRO >C10-C12	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW17	GRO >C5-C10	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable

[1] The result given is the maximum value (or the minimum value in the case of a limit that is expressed as a minimum) obtained during the reporting period, expressed in the same terms as the emission limit value. Where the emission limit value is expressed as a range, the result is given as the 'minimum - maximum' measured values.

[2] Where an internationally recognised standard test method is used the reference number is given. Where another method that has been formally agreed with the Environment Agency is used, then the appropriate identifier is given. In other cases the principal technique is stated, for example gas chromatography.

[3] For non-continuous measurements the date and time of the sample that produced the result is given. For continuous measurements the percentage of the process operating time covered by the result is given.

[4] The uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated.



Signedë ë ë ë ë ë ë ë ë ë ë ë ë ë ë ë ë

Date: 9 December 2016

(Authorised to sign as representative of Operator)

Ahlim Hashm on behalf of Atlantic Recycling
Permit Number EPR/PP3993VS