

Permit Number: EPR/PP3993VS

Operator: Atlantic Recycling

Facility: Atlantic Recycling

Form Number: Surfacewater1

Reporting of surface water monitoring for quarterly monitoring in November 2017

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	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	218	mg/l	TM022	27/11/2017 at 08.45	Lab:precision 1%, Bias -1.2%, Expanded Uncertainty 3.1%. Sampling Immeasurable
Outfall	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	6.44	mg/l	TM045	27/11/2017 at 08.45	Lab:precision 9.6%, Bias -6.2%, Expanded Uncertainty 25.5%. Sampling Immeasurable
Outfall	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	0.68	mg/l	TM099	27/11/2017 at 08.45	Lab:precision 2%, Bias -1.1%, Expanded Uncertainty 5%. Sampling Immeasurable
Outfall	Conductivity	>2000 µS/cm	Quarterly	0.638	mS/cm	TM120	27/11/2017 at 08.45	Lab:precision 1%, Bias 2.9%, Expanded Uncertainty 4.9%. Sampling Immeasurable
Outfall	Lead (diss.filt)	>0.25 mg/l	Quarterly	<0.2	µg/l	TM152	27/11/2017 at 08.45	Lab:precision 3.6%, Bias 3.6%, Expanded Uncertainty 10.8%.

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
								Sampling Immeasurable
Outfall	Nickel (diss.filt)	>0.1 mg/l	Quarterly	2.81	µg/l	TM152	27/11/2017 at 08.45	Lab:precision 3.4%, Bias 2.3%, Expanded Uncertainty 9%. Sampling Immeasurable
Outfall	EPH Range >C10-C40 (aq)	>2 mg/l	Quarterly	895	µg/l	TM172	27/11/2017 at 08.45	Lab:precision 10.3%, Bias - 13.6%, Expanded Uncertainty 34.2%. Sampling Immeasurable
Outfall	EPH Range >C10-C20 (aq)	>2 mg/l	Quarterly	134	µg/l	TM172	27/11/2017 at 08.45	Lab: Unknown. Sampling: Immeasurable
Outfall	EPH Range >C20-C30 (aq)	>2 mg/l	Quarterly	415	µg/l	TM172	27/11/2017 at 08.45	Lab: Unknown. Sampling: Immeasurable
Outfall	EPH Range >C30-C40 (aq)	>2 mg/l	Quarterly	345	µg/l	TM172	27/11/2017 at 08.45	Lab: Unknown. Sampling: Immeasurable
Outfall	Sulphate	>300 mg/l	Quarterly	162	mg/l	TM184	27/11/2017 at 08.45	Lab:precision 1.9%, Bias 6%, Expanded Uncertainty 9.8%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
Outfall	Chloride	>300 mg/l	Quarterly	49.7	mg/l	TM184	27/11/2017 at 08.45	Lab:precision 1.8%, Bias 6.9%, Expanded Uncertainty 10.5%. Sampling Immeasurable
Outfall	Nitrite as N	>1 mg/l	Quarterly	0.0971	mg/l	TM184	27/11/2017 at 08.45	Lab:precision 1.6%, Bias 1.6%, Expanded Uncertainty 4.7%. Sampling Immeasurable
Outfall	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	0.066	mg/l	TM184	27/11/2017 at 08.45	Lab:precision 1.6%, Bias 3.4%, Expanded Uncertainty 6.5%. Sampling Immeasurable
Outfall	Nitrate as N	>1 mg/l	Quarterly	0.381	mg/l	TM184	27/11/2017 at 08.45	Lab: Unknown. Sampling: Immeasurable
Outfall	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	0.479	mg/l	TM184	27/11/2017 at 08.45	Lab:precision 1.9%, Bias 5.4%, Expanded Uncertainty 9.2%. Sampling Immeasurable
Outfall	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	8.41	mg/l	TM187	27/11/2017 at 08.45	Lab: Unknown. Sampling: Immeasurable
Outfall	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	1.13	µg/l	TM191	27/11/2017 at 08.45	Lab:precision 5.7%, Bias - 12.1%, Expanded Uncertainty 23.5%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
Outfall	Zinc (tot.unfilt)	>1 mg/l	Quarterly	264	µg/l	TM191	27/11/2017 at 08.45	Lab:precision 5.9%, Bias -10%, Expanded Uncertainty 21.7%. Sampling Immeasurable
Outfall	Calcium (tot.unfilt)	>300 mg/l	Quarterly	131	mg/l	TM228	27/11/2017 at 08.45	Lab:precision 4.2%, Bias -4.9%, Expanded Uncertainty 13.3%. Sampling Immeasurable
Outfall	pH	6.8 ñ 8.5	Quarterly	7.87	pH Units	TM256	27/11/2017 at 08.45	Lab:precision 0%, Bias 0.1%, Expanded Uncertainty 0.1%. Sampling Immeasurable
Outfall	GRO >C5-C12	>2 mg/l	Quarterly	<50	µg/l	TM245	27/11/2017 at 08.45	Lab: Unknown. Sampling: Immeasurable
Outfall	GRO >C7-C8	>2 mg/l	Quarterly	<10	µg/l	TM245	27/11/2017 at 08.45	Lab: Unknown. Sampling: Immeasurable
Outfall	GRO >C5-C6	>2 mg/l	Quarterly	<10	µg/l	TM245	27/11/2017 at 08.45	Lab: Unknown. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
Outfall	GRO >C6-C7	>2 mg/l	Quarterly	<10	µg/l	TM245	27/11/2017 at 08.45	Lab: Unknown. Sampling: Immeasurable
Outfall	GRO >C8-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	27/11/2017 at 08.45	Lab: Unknown. Sampling: Immeasurable
Outfall	GRO >C10-C12	>2 mg/l	Quarterly	<10	µg/l	TM245	27/11/2017 at 08.45	Lab: Unknown. Sampling: Immeasurable
Outfall	GRO >C5-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	27/11/2017 at 08.45	Lab: Unknown. Sampling: Immeasurable
SW 4	Suspended Solids, Total	>250 mg/l (1 occasion) >100 mg/l (3 consecutive occasions) >60 mg/l (4 consecutive occasions)	Quarterly	7.2	mg/l	TM022	15/11/2017 at 12.30	Lab:precision 1%, Bias -1.2%, Expanded Uncertainty 3.1%. Sampling Immeasurable
SW 4	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	<2.5	mg/l	TM045	15/11/2017 at 12.30	Lab:precision 9.6%, Bias -6.2%, Expanded Uncertainty 25.5%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 4	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	0.881	mg/l	TM099	15/11/2017 at 12.30	Lab:precision 2%, Bias -1.1%, Expanded Uncertainty 5%. Sampling Immeasurable
SW 4	Conductivity	>2000 µS/cm	Quarterly	0.679	mS/cm	TM120	15/11/2017 at 12.30	Lab:precision 1%, Bias 2.9%, Expanded Uncertainty 4.9%. Sampling Immeasurable
SW 4	Lead (diss.filt)	>0.25 mg/l	Quarterly	<0.2	µg/l	TM152	15/11/2017 at 12.30	Lab:precision 3.6%, Bias 3.6%, Expanded Uncertainty 10.8%. Sampling Immeasurable
SW 4	Nickel (diss.filt)	>0.1 mg/l	Quarterly	0.985	µg/l	TM152	15/11/2017 at 12.30	Lab:precision 3.4%, Bias 2.3%, Expanded Uncertainty 9%. Sampling Immeasurable
SW 4	EPH Range >C10-C40 (aq)	>2 mg/l	Quarterly	158	µg/l	TM172	15/11/2017 at 12.30	Lab:precision 10.3%, Bias -13.6%, Expanded Uncertainty 34.2%. Sampling Immeasurable
SW 4	EPH Range >C10-C20 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	15/11/2017 at 12.30	Lab: Unknown. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 4	EPH Range >C20-C30 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	15/11/2017 at 12.30	Lab: Unknown. Sampling: Immeasurable
SW 4	EPH Range >C30-C40 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	15/11/2017 at 12.30	Lab: Unknown. Sampling: Immeasurable
SW 4	Sulphate	>300 mg/l	Quarterly	78	mg/l	TM184	15/11/2017 at 12.30	Lab:precision 1.9%, Bias 6%, Expanded Uncertainty 9.8%. Sampling Immeasurable
SW 4	Chloride	>300 mg/l	Quarterly	56.2	mg/l	TM184	15/11/2017 at 12.30	Lab:precision 1.8%, Bias 6.9%, Expanded Uncertainty 10.5%. Sampling Immeasurable
SW 4	Nitrite as N	>1 mg/l	Quarterly	<0.0152	mg/l	TM184	15/11/2017 at 12.30	Lab:precision 1.6%, Bias 1.6%, Expanded Uncertainty 4.7%. Sampling Immeasurable
SW 4	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	1.36	mg/l	TM184	15/11/2017 at 12.30	Lab:precision 1.6%, Bias 3.4%, Expanded Uncertainty 6.5%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 4	Nitrate as N	>1 mg/l	Quarterly	<0.0677	mg/l	TM184	15/11/2017 at 12.30	Lab: Unknown. Sampling: Immeasurable
SW 4	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	<0.1	mg/l	TM184	15/11/2017 at 12.30	Lab:precision 1.9%, Bias 5.4%, Expanded Uncertainty 9.2%. Sampling Immeasurable
SW 4	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	0.3	mg/l	TM187	15/11/2017 at 12.30	Lab: Unknown. Sampling: Immeasurable
SW 4	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<0.5	µg/l	TM191	15/11/2017 at 12.30	Lab:precision 5.7%, Bias -12.1%, Expanded Uncertainty 23.5%. Sampling Immeasurable
SW 4	Zinc (tot.unfilt)	>1 mg/l	Quarterly	15.2	µg/l	TM191	15/11/2017 at 12.30	Lab:precision 5.9%, Bias -10%, Expanded Uncertainty 21.7%. Sampling Immeasurable
SW 4	Calcium (tot.unfilt)	>300 mg/l	Quarterly	78.5	mg/l	TM228	15/11/2017 at 12.30	Lab:precision 4.2%, Bias -4.9%, Expanded Uncertainty 13.3%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 4	pH	6.8 ñ 8.5	Quarterly	7.3	pH Units	TM256	15/11/2017 at 12.30	Lab:precision 0%, Bias 0.1%, Expanded Uncertainty 0.1%. Sampling Immeasurable
SW 4	GRO>C5-C12	>2 mg/l	Quarterly	<50	µg/l	TM245	15/11/2017 at 12.30	Lab: Unknown. Sampling: Immeasurable
SW 4	GRO >C7-C8	>2 mg/l	Quarterly	<10	µg/l	TM245	15/11/2017 at 12.30	Lab: Unknown. Sampling: Immeasurable
SW 4	GRO >C5-C6	>2 mg/l	Quarterly	<10	µg/l	TM245	15/11/2017 at 12.30	Lab: Unknown. Sampling: Immeasurable
SW 4	GRO >C6-C7	>2 mg/l	Quarterly	<10	µg/l	TM245	15/11/2017 at 12.30	Lab: Unknown. Sampling: Immeasurable
SW 4	GRO >C8-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	15/11/2017 at 12.30	Lab: Unknown. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 4	GRO >C10-C12	>2 mg/l	Quarterly	<10	µg/l	TM245	15/11/2017 at 12.30	Lab: Unknown. Sampling: Immeasurable
SW 4	GRO >C5-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	15/11/2017 at 12.30	Lab: Unknown. Sampling: Immeasurable
SW 5	Suspended Solids, Total	>250 mg/l (1 occasion) >100 mg/l (3 consecutive occasions) >60 mg/l (4 consecutive occasions)	Quarterly	5.25	mg/l	TM022	15/11/2017 at 13.30	Lab:precision 1%, Bias -1.2%, Expanded Uncertainty 3.1%. Sampling Immeasurable
SW 5	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	2.62	mg/l	TM045	15/11/2017 at 13.30	Lab:precision 9.6%, Bias -6.2%, Expanded Uncertainty 25.5%. Sampling Immeasurable
SW 5	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	0.721	mg/l	TM099	15/11/2017 at 13.30	Lab:precision 2%, Bias -1.1%, Expanded Uncertainty 5%. Sampling Immeasurable
SW 5	Conductivity	>2000 µS/cm	Quarterly	0.882	mS/cm	TM120	15/11/2017 at 13.30	Lab:precision 1%, Bias 2.9%, Expanded Uncertainty 4.9%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 5	Lead (diss.filt)	>0.25 mg/l	Quarterly	<0.2	µg/l	TM152	15/11/2017 at 13.30	Lab:precision 3.6%, Bias 3.6%, Expanded Uncertainty 10.8%. Sampling Immeasurable
SW 5	Nickel (diss.filt)	>0.1 mg/l	Quarterly	1.81	µg/l	TM152	15/11/2017 at 13.30	Lab:precision 3.4%, Bias 2.3%, Expanded Uncertainty 9%. Sampling Immeasurable
SW 5	EPH Range >C10-C40 (aq)	>2 mg/l	Quarterly	103	µg/l	TM172	15/11/2017 at 13.30	Lab:precision 10.3%, Bias - 13.6%, Expanded Uncertainty 34.2%. Sampling Immeasurable
SW 5	EPH Range >C10-C20 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	15/11/2017 at 13.30	Lab: Unknown. Sampling: Immeasurable
SW 5	EPH Range >C20-C30 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	15/11/2017 at 13.30	Lab: Unknown. Sampling: Immeasurable
SW 5	EPH Range >C30-C40 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	15/11/2017 at 13.30	Lab: Unknown. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 5	Sulphate	>300 mg/l	Quarterly	179	mg/l	TM184	15/11/2017 at 13.30	Lab:precision 1.9%, Bias 6%, Expanded Uncertainty 9.8%. Sampling Immeasurable
SW 5	Chloride	>300 mg/l	Quarterly	69.1	mg/l	TM184	15/11/2017 at 13.30	Lab:precision 1.8%, Bias 6.9%, Expanded Uncertainty 10.5%. Sampling Immeasurable
SW 5	Nitrite as N	>1 mg/l	Quarterly	<0.0152	mg/l	TM184	15/11/2017 at 13.30	Lab:precision 1.6%, Bias 1.6%, Expanded Uncertainty 4.7%. Sampling Immeasurable
SW 5	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	0.994	mg/l	TM184	15/11/2017 at 13.30	Lab:precision 1.6%, Bias 3.4%, Expanded Uncertainty 6.5%. Sampling Immeasurable
SW 5	Nitrate as N	>1 mg/l	Quarterly	<0.0677	mg/l	TM184	15/11/2017 at 13.30	Lab: Unknown. Sampling: Immeasurable
SW 5	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	<0.1	mg/l	TM184	15/11/2017 at 13.30	Lab:precision 1.9%, Bias 5.4%, Expanded Uncertainty 9.2%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 5	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	13	mg/l	TM046	15/11/2017 at 13.30	Lab: Unknown. Sampling: Immeasurable
SW 5	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<0.5	µg/l	TM191	15/11/2017 at 13.30	Lab:precision 5.7%, Bias -12.1%, Expanded Uncertainty 23.5%. Sampling Immeasurable
SW 5	Zinc (tot.unfilt)	>1 mg/l	Quarterly	5.04	µg/l	TM191	15/11/2017 at 13.30	Lab:precision 5.9%, Bias -10%, Expanded Uncertainty 21.7%. Sampling Immeasurable
SW 5	Calcium (tot.unfilt)	>300 mg/l	Quarterly	101	mg/l	TM228	15/11/2017 at 13.30	Lab:precision 4.2%, Bias -4.9%, Expanded Uncertainty 13.3%. Sampling Immeasurable
SW 5	pH	6.8 ñ 8.5	Quarterly	7.54	pH Units	TM256	15/11/2017 at 13.30	Lab:precision 0%, Bias 0.1%, Expanded Uncertainty 0.1%. Sampling Immeasurable
SW 5	GRO>C5-C12	>2 mg/l	Quarterly	<50	µg/l	TM245	15/11/2017 at 13.30	Lab: Unknown. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 5	GRO >C7-C8	>2 mg/l	Quarterly	<10	µg/l	TM245	15/11/2017 at 13.30	Lab: Unknown. Sampling: Immeasurable
SW 5	GRO >C5-C6	>2 mg/l	Quarterly	<10	µg/l	TM245	15/11/2017 at 13.30	Lab: Unknown. Sampling: Immeasurable
SW 5	GRO >C6-C7	>2 mg/l	Quarterly	<10	µg/l	TM245	15/11/2017 at 13.30	Lab: Unknown. Sampling: Immeasurable
SW 5	GRO >C8-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	15/11/2017 at 13.30	Lab: Unknown. Sampling: Immeasurable
SW 5	GRO >C10-C12	>2 mg/l	Quarterly	<10	µg/l	TM245	15/11/2017 at 13.30	Lab: Unknown. Sampling: Immeasurable
SW 5	GRO >C5-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	15/11/2017 at 13.30	Lab: Unknown. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 6	Suspended Solids, Total	>250 mg/l (1 occasion) >100 mg/l (3 consecutive occasions) >60 mg/l (4 consecutive occasions)	Quarterly	7.15	mg/l	TM022	15/11/2017 at 14.20	Lab:precision 1%, Bias -1.2%, Expanded Uncertainty 3.1%. Sampling Immeasurable
SW 6	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	<3	mg/l	TM045	15/11/2017 at 14.20	Lab:precision 9.6%, Bias -6.2%, Expanded Uncertainty 25.5%. Sampling Immeasurable
SW 6	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	0.933	mg/l	TM099	15/11/2017 at 14.20	Lab:precision 2%, Bias -1.1%, Expanded Uncertainty 5%. Sampling Immeasurable
SW 6	Conductivity	>2000 µS/cm	Quarterly	0.842	mS/cm	TM120	15/11/2017 at 14.20	Lab:precision 1%, Bias 2.9%, Expanded Uncertainty 4.9%. Sampling Immeasurable
SW 6	Lead (diss.filt)	>0.25 mg/l	Quarterly	<0.2	µg/l	TM152	15/11/2017 at 14.20	Lab:precision 3.6%, Bias 3.6%, Expanded Uncertainty 10.8%. Sampling Immeasurable
SW 6	Nickel (diss.filt)	>0.1 mg/l	Quarterly	1.72	µg/l	TM152	15/11/2017 at 14.20	Lab:precision 3.4%, Bias 2.3%, Expanded Uncertainty 9%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 6	EPH Range >C10-C40 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	15/11/2017 at 14.20	Lab:precision 10.3%, Bias - 13.6%, Expanded Uncertainty 34.2%. Sampling Immeasurable
SW 6	EPH Range >C10-C20 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	15/11/2017 at 14.20	Lab: Unknown. Sampling: Immeasurable
SW 6	EPH Range >C20-C30 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	15/11/2017 at 14.20	Lab: Unknown. Sampling: Immeasurable
SW 6	EPH Range >C30-C40 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	15/11/2017 at 14.20	Lab: Unknown. Sampling: Immeasurable
SW 6	Sulphate	>300 mg/l	Quarterly	141	mg/l	TM184	15/11/2017 at 14.20	Lab:precision 1.9%, Bias 6%, Expanded Uncertainty 9.8%. Sampling Immeasurable
SW 6	Chloride	>300 mg/l	Quarterly	70.1	mg/l	TM184	15/11/2017 at 14.20	Lab:precision 1.8%, Bias 6.9%, Expanded Uncertainty 10.5%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 6	Nitrite as N	>1 mg/l	Quarterly	<0.0152	mg/l	TM184	15/11/2017 at 14.20	Lab:precision 1.6%, Bias 1.6%, Expanded Uncertainty 4.7%. Sampling Immeasurable
SW 6	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	1.4	mg/l	TM184	15/11/2017 at 14.20	Lab:precision 1.6%, Bias 3.4%, Expanded Uncertainty 6.5%. Sampling Immeasurable
SW 6	Nitrate as N	>1 mg/l	Quarterly	<0.0677	mg/l	TM184	15/11/2017 at 14.20	Lab: Unknown. Sampling: Immeasurable
SW 6	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	<0.1	mg/l	TM184	15/11/2017 at 14.20	Lab:precision 1.9%, Bias 5.4%, Expanded Uncertainty 9.2%. Sampling Immeasurable
SW 6	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	2.05	mg/l	TM187	15/11/2017 at 14.20	Lab: Unknown. Sampling: Immeasurable
SW 6	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<0.5	µg/l	TM191	15/11/2017 at 14.20	Lab:precision 5.7%, Bias - 12.1%, Expanded Uncertainty 23.5%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 6	Zinc (tot.unfilt)	>1 mg/l	Quarterly	6.05	µg/l	TM191	15/11/2017 at 14.20	Lab:precision 5.9%, Bias -10%, Expanded Uncertainty 21.7%. Sampling Immeasurable
SW 6	Calcium (tot.unfilt)	>300 mg/l	Quarterly	95.5	mg/l	TM228	15/11/2017 at 14.20	Lab:precision 4.2%, Bias -4.9%, Expanded Uncertainty 13.3%. Sampling Immeasurable
SW 6	pH	6.8 ñ 8.5	Quarterly	7.54	pH Units	TM256	15/11/2017 at 14.20	Lab:precision 0%, Bias 0.1%, Expanded Uncertainty 0.1%. Sampling Immeasurable
SW 6	GRO>C5-C12	>2 mg/l	Quarterly	<50	µg/l	TM245	15/11/2017 at 14.20	Lab: Unknown. Sampling: Immeasurable
SW 6	GRO >C7-C8	>2 mg/l	Quarterly	<10	µg/l	TM245	15/11/2017 at 14.20	Lab: Unknown. Sampling: Immeasurable
SW 6	GRO >C5-C6	>2 mg/l	Quarterly	<10	µg/l	TM245	15/11/2017 at 14.20	Lab: Unknown. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 6	GRO >C6-C7	>2 mg/l	Quarterly	<10	µg/l	TM245	15/11/2017 at 14.20	Lab: Unknown. Sampling: Immeasurable
SW 6	GRO >C8-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	15/11/2017 at 14.20	Lab: Unknown. Sampling: Immeasurable
SW 6	GRO >C10-C12	>2 mg/l	Quarterly	<10	µg/l	TM245	15/11/2017 at 14.20	Lab: Unknown. Sampling: Immeasurable
SW 6	GRO >C5-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	15/11/2017 at 14.20	Lab: Unknown. 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	8.25	mg/l	TM022	15/11/2017 at 15.00	Lab:precision 1%, Bias -1.2%, Expanded Uncertainty 3.1%. Sampling Immeasurable
SW 7	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	<3	mg/l	TM045	15/11/2017 at 15.00	Lab:precision 9.6%, Bias -6.2%, Expanded Uncertainty 25.5%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 7	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	0.766	mg/l	TM099	15/11/2017 at 15.00	Lab:precision 2%, Bias -1.1%, Expanded Uncertainty 5%. Sampling Immeasurable
SW 7	Conductivity	>2000 µS/cm	Quarterly	0.93	mS/cm	TM120	15/11/2017 at 15.00	Lab:precision 1%, Bias 2.9%, Expanded Uncertainty 4.9%. Sampling Immeasurable
SW 7	Lead (diss.filt)	>0.25 mg/l	Quarterly	<0.2	µg/l	TM152	15/11/2017 at 15.00	Lab:precision 3.6%, Bias 3.6%, Expanded Uncertainty 10.8%. Sampling Immeasurable
SW 7	Nickel (diss.filt)	>0.1 mg/l	Quarterly	2.07	µg/l	TM152	15/11/2017 at 15.00	Lab:precision 3.4%, Bias 2.3%, Expanded Uncertainty 9%. Sampling Immeasurable
SW 7	EPH Range >C10-C40 (aq)	>2 mg/l	Quarterly	107	µg/l	TM172	15/11/2017 at 15.00	Lab:precision 10.3%, Bias -13.6%, Expanded Uncertainty 34.2%. Sampling Immeasurable
SW 7	EPH Range >C10-C20 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	15/11/2017 at 15.00	Lab: Unknown. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 7	EPH Range >C20-C30 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	15/11/2017 at 15.00	Lab: Unknown. Sampling: Immeasurable
SW 7	EPH Range >C30-C40 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	15/11/2017 at 15.00	Lab: Unknown. Sampling: Immeasurable
SW 7	Sulphate	>300 mg/l	Quarterly	172	mg/l	TM184	15/11/2017 at 15.00	Lab:precision 1.9%, Bias 6%, Expanded Uncertainty 9.8%. Sampling Immeasurable
SW 7	Chloride	>300 mg/l	Quarterly	81.2	mg/l	TM184	15/11/2017 at 15.00	Lab:precision 1.8%, Bias 6.9%, Expanded Uncertainty 10.5%. Sampling Immeasurable
SW 7	Nitrite as N	>1 mg/l	Quarterly	<0.0152	mg/l	TM184	15/11/2017 at 15.00	Lab:precision 1.6%, Bias 1.6%, Expanded Uncertainty 4.7%. Sampling Immeasurable
SW 7	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	1.35	mg/l	TM184	15/11/2017 at 15.00	Lab:precision 1.6%, Bias 3.4%, Expanded Uncertainty 6.5%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 7	Nitrate as N	>1 mg/l	Quarterly	<0.0677	mg/l	TM184	15/11/2017 at 15.00	Lab: Unknown. Sampling: Immeasurable
SW 7	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	<0.1	mg/l	TM184	15/11/2017 at 15.00	Lab:precision 1.9%, Bias 5.4%, Expanded Uncertainty 9.2%. Sampling Immeasurable
SW 7	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	13.2	mg/l	TM046	15/11/2017 at 15.00	Lab: Unknown. Sampling: Immeasurable
SW 7	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<5	µg/l	TM191	15/11/2017 at 15.00	Lab:precision 5.7%, Bias -12.1%, Expanded Uncertainty 23.5%. Sampling Immeasurable
SW 7	Zinc (tot.unfilt)	>1 mg/l	Quarterly	<30	µg/l	TM191	15/11/2017 at 15.00	Lab:precision 5.9%, Bias -10%, Expanded Uncertainty 21.7%. Sampling Immeasurable
SW 7	Calcium (tot.unfilt)	>300 mg/l	Quarterly	109	mg/l	TM228	15/11/2017 at 15.00	Lab:precision 4.2%, Bias -4.9%, Expanded Uncertainty 13.3%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 7	pH	6.8 ñ 8.5	Quarterly	7.53	pH Units	TM256	15/11/2017 at 15.00	Lab:precision 0%, Bias 0.1%, Expanded Uncertainty 0.1%. Sampling Immeasurable
SW 7	GRO>C5-C12	>2 mg/l	Quarterly	<50	µg/l	TM245	15/11/2017 at 15.00	Lab: Unknown. Sampling: Immeasurable
SW 7	GRO >C7-C8	>2 mg/l	Quarterly	<10	µg/l	TM245	15/11/2017 at 15.00	Lab: Unknown. Sampling: Immeasurable
SW 7	GRO >C5-C6	>2 mg/l	Quarterly	<10	µg/l	TM245	15/11/2017 at 15.00	Lab: Unknown. Sampling: Immeasurable
SW 7	GRO >C6-C7	>2 mg/l	Quarterly	<10	µg/l	TM245	15/11/2017 at 15.00	Lab: Unknown. Sampling: Immeasurable
SW 7	GRO >C8-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	15/11/2017 at 15.00	Lab: Unknown. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 7	GRO >C10-C12	>2 mg/l	Quarterly	<10	µg/l	TM245	15/11/2017 at 15.00	Lab: Unknown. Sampling: Immeasurable
SW 7	GRO >C5-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	15/11/2017 at 15.00	Lab: Unknown. Sampling: Immeasurable
SW 8	Suspended Solids, Total	>250 mg/l (1 occasion) >100 mg/l (3 consecutive occasions) >60 mg/l (4 consecutive occasions)	Quarterly	2	mg/l	TM022	15/11/2017 at 15.20	Lab:precision 1%, Bias -1.2%, Expanded Uncertainty 3.1%. Sampling Immeasurable
SW 8	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	5.14	mg/l	TM045	15/11/2017 at 15.20	Lab:precision 9.6%, Bias -6.2%, Expanded Uncertainty 25.5%. Sampling Immeasurable
SW 8	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	0.572	mg/l	TM099	15/11/2017 at 15.20	Lab:precision 2%, Bias -1.1%, Expanded Uncertainty 5%. Sampling Immeasurable
SW 8	Conductivity	>2000 µS/cm	Quarterly	0.862	mS/cm	TM120	15/11/2017 at 15.20	Lab:precision 1%, Bias 2.9%, Expanded Uncertainty 4.9%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 8	Lead (diss.filt)	>0.25 mg/l	Quarterly	<0.2	µg/l	TM152	15/11/2017 at 15.20	Lab:precision 3.6%, Bias 3.6%, Expanded Uncertainty 10.8%. Sampling Immeasurable
SW 8	Nickel (diss.filt)	>0.1 mg/l	Quarterly	1.36	µg/l	TM152	15/11/2017 at 15.20	Lab:precision 3.4%, Bias 2.3%, Expanded Uncertainty 9%. Sampling Immeasurable
SW 8	EPH Range >C10-C40 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	15/11/2017 at 15.20	Lab:precision 10.3%, Bias - 13.6%, Expanded Uncertainty 34.2%. Sampling Immeasurable
SW 8	EPH Range >C10-C20 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	15/11/2017 at 15.20	Lab: Unknown. Sampling: Immeasurable
SW 8	EPH Range >C20-C30 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	15/11/2017 at 15.20	Lab: Unknown. Sampling: Immeasurable
SW 8	EPH Range >C30-C40 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	15/11/2017 at 15.20	Lab: Unknown. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 8	Sulphate	>300 mg/l	Quarterly	150	mg/l	TM184	15/11/2017 at 15.20	Lab:precision 1.9%, Bias 6%, Expanded Uncertainty 9.8%. Sampling Immeasurable
SW 8	Chloride	>300 mg/l	Quarterly	67.7	mg/l	TM184	15/11/2017 at 15.20	Lab:precision 1.8%, Bias 6.9%, Expanded Uncertainty 10.5%. Sampling Immeasurable
SW 8	Nitrite as N	>1 mg/l	Quarterly	<0.0152	mg/l	TM184	15/11/2017 at 15.20	Lab:precision 1.6%, Bias 1.6%, Expanded Uncertainty 4.7%. Sampling Immeasurable
SW 8	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	1.29	mg/l	TM184	15/11/2017 at 15.20	Lab:precision 1.6%, Bias 3.4%, Expanded Uncertainty 6.5%. Sampling Immeasurable
SW 8	Nitrate as N	>1 mg/l	Quarterly	<0.0677	mg/l	TM184	15/11/2017 at 15.20	Lab: Unknown. Sampling: Immeasurable
SW 8	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	<0.1	mg/l	TM184	15/11/2017 at 15.20	Lab:precision 1.9%, Bias 5.4%, Expanded Uncertainty 9.2%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 8	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	1.56	mg/l	TM187	15/11/2017 at 15.20	Lab: Unknown. Sampling: Immeasurable
SW 8	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<0.5	µg/l	TM191	15/11/2017 at 15.20	Lab:precision 5.7%, Bias -12.1%, Expanded Uncertainty 23.5%. Sampling Immeasurable
SW 8	Zinc (tot.unfilt)	>1 mg/l	Quarterly	14	µg/l	TM191	15/11/2017 at 15.20	Lab:precision 5.9%, Bias -10%, Expanded Uncertainty 21.7%. Sampling Immeasurable
SW 8	Calcium (tot.unfilt)	>300 mg/l	Quarterly	108	mg/l	TM228	15/11/2017 at 15.20	Lab:precision 4.2%, Bias -4.9%, Expanded Uncertainty 13.3%. Sampling Immeasurable
SW 8	pH	6.8 ñ 8.5	Quarterly	7.46	pH Units	TM256	15/11/2017 at 15.20	Lab:precision 0%, Bias 0.1%, Expanded Uncertainty 0.1%. Sampling Immeasurable
SW 8	GRO>C5-C12	>2 mg/l	Quarterly	<50	µg/l	TM245	15/11/2017 at 15.20	Lab: Unknown. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 8	GRO >C7-C8	>2 mg/l	Quarterly	<10	µg/l	TM245	15/11/2017 at 15.20	Lab: Unknown. Sampling: Immeasurable
SW 8	GRO >C5-C6	>2 mg/l	Quarterly	<10	µg/l	TM245	15/11/2017 at 15.20	Lab: Unknown. Sampling: Immeasurable
SW 8	GRO >C6-C7	>2 mg/l	Quarterly	<10	µg/l	TM245	15/11/2017 at 15.20	Lab: Unknown. Sampling: Immeasurable
SW 8	GRO >C8-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	15/11/2017 at 15.20	Lab: Unknown. Sampling: Immeasurable
SW 8	GRO >C10-C12	>2 mg/l	Quarterly	<10	µg/l	TM245	15/11/2017 at 15.20	Lab: Unknown. Sampling: Immeasurable
SW 8	GRO >C5-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	15/11/2017 at 15.20	Lab: Unknown. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 9	Suspended Solids, Total	>250 mg/l (1 occasion) >100 mg/l (3 consecutive occasions) >60 mg/l (4 consecutive occasions)	Quarterly	14.2	mg/l	TM022	27/11/2017 at 09.00	Lab:precision 1%, Bias -1.2%, Expanded Uncertainty 3.1%. Sampling Immeasurable
SW 9	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	2.37	mg/l	TM045	27/11/2017 at 09.00	Lab:precision 9.6%, Bias -6.2%, Expanded Uncertainty 25.5%. Sampling Immeasurable
SW 9	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	0.855	mg/l	TM099	27/11/2017 at 09.00	Lab:precision 2%, Bias -1.1%, Expanded Uncertainty 5%. Sampling Immeasurable
SW 9	Conductivity	>2000 µS/cm	Quarterly	0.856	mS/cm	TM120	27/11/2017 at 09.00	Lab:precision 1%, Bias 2.9%, Expanded Uncertainty 4.9%. Sampling Immeasurable
SW 9	Lead (diss.filt)	>0.25 mg/l	Quarterly	2.35	µg/l	TM152	27/11/2017 at 09.00	Lab:precision 3.6%, Bias 3.6%, Expanded Uncertainty 10.8%. Sampling Immeasurable
SW 9	Nickel (diss.filt)	>0.1 mg/l	Quarterly	2.92	µg/l	TM152	27/11/2017 at 09.00	Lab:precision 3.4%, Bias 2.3%, Expanded Uncertainty 9%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 9	EPH Range >C10-C40 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	27/11/2017 at 09.00	Lab:precision 10.3%, Bias - 13.6%, Expanded Uncertainty 34.2%. Sampling Immeasurable
SW 9	EPH Range >C10-C20 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	27/11/2017 at 09.00	Lab: Unknown. Sampling: Immeasurable
SW 9	EPH Range >C20-C30 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	27/11/2017 at 09.00	Lab: Unknown. Sampling: Immeasurable
SW 9	EPH Range >C30-C40 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	27/11/2017 at 09.00	Lab: Unknown. Sampling: Immeasurable
SW 9	Sulphate	>300 mg/l	Quarterly	184	mg/l	TM184	27/11/2017 at 09.00	Lab:precision 1.9%, Bias 6%, Expanded Uncertainty 9.8%. Sampling Immeasurable
SW 9	Chloride	>300 mg/l	Quarterly	71.4	mg/l	TM184	27/11/2017 at 09.00	Lab:precision 1.8%, Bias 6.9%, Expanded Uncertainty 10.5%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 9	Nitrite as N	>1 mg/l	Quarterly	0.0213	mg/l	TM184	27/11/2017 at 09.00	Lab:precision 1.6%, Bias 1.6%, Expanded Uncertainty 4.7%. Sampling Immeasurable
SW 9	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	0.204	mg/l	TM184	27/11/2017 at 09.00	Lab:precision 1.6%, Bias 3.4%, Expanded Uncertainty 6.5%. Sampling Immeasurable
SW 9	Nitrate as N	>1 mg/l	Quarterly	0.146	mg/l	TM184	27/11/2017 at 09.00	Lab: Unknown. Sampling: Immeasurable
SW 9	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	0.167	mg/l	TM184	27/11/2017 at 09.00	Lab:precision 1.9%, Bias 5.4%, Expanded Uncertainty 9.2%. Sampling Immeasurable
SW 9	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	4.02	mg/l	TM187	27/11/2017 at 09.00	Lab: Unknown. Sampling: Immeasurable
SW 9	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<0.5	µg/l	TM191	27/11/2017 at 09.00	Lab:precision 5.7%, Bias - 12.1%, Expanded Uncertainty 23.5%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 9	Zinc (tot.unfilt)	>1 mg/l	Quarterly	12	µg/l	TM191	27/11/2017 at 09.00	Lab:precision 5.9%, Bias -10%, Expanded Uncertainty 21.7%. Sampling Immeasurable
SW 9	Calcium (tot.unfilt)	>300 mg/l	Quarterly	105	mg/l	TM228	27/11/2017 at 09.00	Lab:precision 4.2%, Bias -4.9%, Expanded Uncertainty 13.3%. Sampling Immeasurable
SW 9	pH	6.8 ñ 8.5	Quarterly	7.79	pH Units	TM256	27/11/2017 at 09.00	Lab:precision 0%, Bias 0.1%, Expanded Uncertainty 0.1%. Sampling Immeasurable
SW 9	GRO>C5-C12	>2 mg/l	Quarterly	<50	µg/l	TM245	27/11/2017 at 09.00	Lab: Unknown. Sampling: Immeasurable
SW 9	GRO >C7-C8	>2 mg/l	Quarterly	<10	µg/l	TM245	27/11/2017 at 09.00	Lab: Unknown. Sampling: Immeasurable
SW 9	GRO >C5-C6	>2 mg/l	Quarterly	<10	µg/l	TM245	27/11/2017 at 09.00	Lab: Unknown. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 9	GRO >C6-C7	>2 mg/l	Quarterly	<10	µg/l	TM245	27/11/2017 at 09.00	Lab: Unknown. Sampling: Immeasurable
SW 9	GRO >C8-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	27/11/2017 at 09.00	Lab: Unknown. Sampling: Immeasurable
SW 9	GRO >C10-C12	>2 mg/l	Quarterly	<10	µg/l	TM245	27/11/2017 at 09.00	Lab: Unknown. Sampling: Immeasurable
SW 9	GRO >C5-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	27/11/2017 at 09.00	Lab: Unknown. Sampling: Immeasurable
SW 10	Suspended Solids, Total	>250 mg/l (1 occasion) >100 mg/l (3 consecutive occasions) >60 mg/l (4 consecutive occasions)	Quarterly	71.1	mg/l	TM022	15/11/2017 at 09.30	Lab:precision 1%, Bias -1.2%, Expanded Uncertainty 3.1%. Sampling Immeasurable
SW 10	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	3.38	mg/l	TM045	15/11/2017 at 09.30	Lab:precision 9.6%, Bias -6.2%, Expanded Uncertainty 25.5%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 10	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	1.18	mg/l	TM099	15/11/2017 at 09.30	Lab:precision 2%, Bias -1.1%, Expanded Uncertainty 5%. Sampling Immeasurable
SW 10	Conductivity	>2000 µS/cm	Quarterly	0.916	mS/cm	TM120	15/11/2017 at 09.30	Lab:precision 1%, Bias 2.9%, Expanded Uncertainty 4.9%. Sampling Immeasurable
SW 10	Lead (diss.filt)	>0.25 mg/l	Quarterly	<0.2	µg/l	TM152	15/11/2017 at 09.30	Lab:precision 3.6%, Bias 3.6%, Expanded Uncertainty 10.8%. Sampling Immeasurable
SW 10	Nickel (diss.filt)	>0.1 mg/l	Quarterly	2.84	µg/l	TM152	15/11/2017 at 09.30	Lab:precision 3.4%, Bias 2.3%, Expanded Uncertainty 9%. Sampling Immeasurable
SW 10	EPH Range >C10-C40 (aq)	>2 mg/l	Quarterly	309	µg/l	TM172	15/11/2017 at 09.30	Lab:precision 10.3%, Bias -13.6%, Expanded Uncertainty 34.2%. Sampling Immeasurable
SW 10	EPH Range >C10-C20 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	15/11/2017 at 09.30	Lab: Unknown. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 10	EPH Range >C20-C30 (aq)	>2 mg/l	Quarterly	141	µg/l	TM172	15/11/2017 at 09.30	Lab: Unknown. Sampling: Immeasurable
SW 10	EPH Range >C30-C40 (aq)	>2 mg/l	Quarterly	102	µg/l	TM172	15/11/2017 at 09.30	Lab: Unknown. Sampling: Immeasurable
SW 10	Sulphate	>300 mg/l	Quarterly	120	mg/l	TM184	15/11/2017 at 09.30	Lab:precision 1.9%, Bias 6%, Expanded Uncertainty 9.8%. Sampling Immeasurable
SW 10	Chloride	>300 mg/l	Quarterly	79.9	mg/l	TM184	15/11/2017 at 09.30	Lab:precision 1.8%, Bias 6.9%, Expanded Uncertainty 10.5%. Sampling Immeasurable
SW 10	Nitrite as N	>1 mg/l	Quarterly	<0.0152	8 mg/l	TM184	15/11/2017 at 09.30	Lab:precision 1.6%, Bias 1.6%, Expanded Uncertainty 4.7%. Sampling Immeasurable
SW 10	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	0.514	5 mg/l	TM184	15/11/2017 at 09.30	Lab:precision 1.6%, Bias 3.4%, Expanded Uncertainty 6.5%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 10	Nitrate as N	>1 mg/l	Quarterly	<0.0677	mg/l	TM184	15/11/2017 at 09.30	Lab: Unknown. Sampling: Immeasurable
SW 10	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	<0.1	mg/l	TM184	15/11/2017 at 09.30	Lab:precision 1.9%, Bias 5.4%, Expanded Uncertainty 9.2%. Sampling Immeasurable
SW 10	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	1.51	mg/l	TM187	15/11/2017 at 09.30	Lab: Unknown. Sampling: Immeasurable
SW 10	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<5	µg/l	TM191	15/11/2017 at 09.30	Lab:precision 5.7%, Bias -12.1%, Expanded Uncertainty 23.5%. Sampling Immeasurable
SW 10	Zinc (tot.unfilt)	>1 mg/l	Quarterly	65.7	µg/l	TM191	15/11/2017 at 09.30	Lab:precision 5.9%, Bias -10%, Expanded Uncertainty 21.7%. Sampling Immeasurable
SW 10	Calcium (tot.unfilt)	>300 mg/l	Quarterly	120	mg/l	TM228	15/11/2017 at 09.30	Lab:precision 4.2%, Bias -4.9%, Expanded Uncertainty 13.3%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 10	pH	6.8 ñ 8.5	Quarterly	7.85	pH Units	TM256	15/11/2017 at 09.30	Lab:precision 0%, Bias 0.1%, Expanded Uncertainty 0.1%. Sampling Immeasurable
SW 10	GRO>C5-C12	>2 mg/l	Quarterly	<50	µg/l	TM245	15/11/2017 at 09.30	Lab: Unknown. Sampling: Immeasurable
SW 10	GRO >C7-C8	>2 mg/l	Quarterly	<10	µg/l	TM245	15/11/2017 at 09.30	Lab: Unknown. Sampling: Immeasurable
SW 10	GRO >C5-C6	>2 mg/l	Quarterly	<10	µg/l	TM245	15/11/2017 at 09.30	Lab: Unknown. Sampling: Immeasurable
SW 10	GRO >C6-C7	>2 mg/l	Quarterly	<10	µg/l	TM245	15/11/2017 at 09.30	Lab: Unknown. Sampling: Immeasurable
SW 10	GRO >C8-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	15/11/2017 at 09.30	Lab: Unknown. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 10	GRO >C10-C12	>2 mg/l	Quarterly	<10	µg/l	TM245	15/11/2017 at 09.30	Lab: Unknown. Sampling: Immeasurable
SW 10	GRO >C5-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	15/11/2017 at 09.30	Lab: Unknown. Sampling: Immeasurable
SW 11	Suspended Solids, Total	>250 mg/l (1 occasion) >100 mg/l (3 consecutive occasions) >60 mg/l (4 consecutive occasions)	Quarterly	23.6	mg/l	TM022	15/11/2017 at 09.50	Lab:precision 1%, Bias -1.2%, Expanded Uncertainty 3.1%. Sampling Immeasurable
SW 11	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	<5	mg/l	TM045	15/11/2017 at 09.50	Lab:precision 9.6%, Bias -6.2%, Expanded Uncertainty 25.5%. Sampling Immeasurable
SW 11	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	2.52	mg/l	TM099	15/11/2017 at 09.50	Lab:precision 2%, Bias -1.1%, Expanded Uncertainty 5%. Sampling Immeasurable
SW 11	Conductivity	>2000 µS/cm	Quarterly	1.15	mS/cm	TM120	15/11/2017 at 09.50	Lab:precision 1%, Bias 2.9%, Expanded Uncertainty 4.9%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 11	Lead (diss.filt)	>0.25 mg/l	Quarterly	<0.2	µg/l	TM152	15/11/2017 at 09.50	Lab:precision 3.6%, Bias 3.6%, Expanded Uncertainty 10.8%. Sampling Immeasurable
SW 11	Nickel (diss.filt)	>0.1 mg/l	Quarterly	4.81	µg/l	TM152	15/11/2017 at 09.50	Lab:precision 3.4%, Bias 2.3%, Expanded Uncertainty 9%. Sampling Immeasurable
SW 11	EPH Range >C10-C40 (aq)	>2 mg/l	Quarterly	187	µg/l	TM172	15/11/2017 at 09.50	Lab:precision 10.3%, Bias - 13.6%, Expanded Uncertainty 34.2%. Sampling Immeasurable
SW 11	EPH Range >C10-C20 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	15/11/2017 at 09.50	Lab: Unknown. Sampling: Immeasurable
SW 11	EPH Range >C20-C30 (aq)	>2 mg/l	Quarterly	105	µg/l	TM172	15/11/2017 at 09.50	Lab: Unknown. Sampling: Immeasurable
SW 11	EPH Range >C30-C40 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	15/11/2017 at 09.50	Lab: Unknown. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 11	Sulphate	>300 mg/l	Quarterly	283	mg/l	TM184	15/11/2017 at 09.50	Lab:precision 1.9%, Bias 6%, Expanded Uncertainty 9.8%. Sampling Immeasurable
SW 11	Chloride	>300 mg/l	Quarterly	94.9	mg/l	TM184	15/11/2017 at 09.50	Lab:precision 1.8%, Bias 6.9%, Expanded Uncertainty 10.5%. Sampling Immeasurable
SW 11	Nitrite as N	>1 mg/l	Quarterly	<0.0152	mg/l	TM184	15/11/2017 at 09.50	Lab:precision 1.6%, Bias 1.6%, Expanded Uncertainty 4.7%. Sampling Immeasurable
SW 11	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	0.272	mg/l	TM184	15/11/2017 at 09.50	Lab:precision 1.6%, Bias 3.4%, Expanded Uncertainty 6.5%. Sampling Immeasurable
SW 11	Nitrate as N	>1 mg/l	Quarterly	<0.0677	mg/l	TM184	15/11/2017 at 09.50	Lab: Unknown. Sampling: Immeasurable
SW 11	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	<0.1	mg/l	TM184	15/11/2017 at 09.50	Lab:precision 1.9%, Bias 5.4%, Expanded Uncertainty 9.2%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 11	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	3.39	mg/l	TM187	15/11/2017 at 09.50	Lab: Unknown. Sampling: Immeasurable
SW 11	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<0.5	µg/l	TM191	15/11/2017 at 09.50	Lab:precision 5.7%, Bias -12.1%, Expanded Uncertainty 23.5%. Sampling Immeasurable
SW 11	Zinc (tot.unfilt)	>1 mg/l	Quarterly	26.9	µg/l	TM191	15/11/2017 at 09.50	Lab:precision 5.9%, Bias -10%, Expanded Uncertainty 21.7%. Sampling Immeasurable
SW 11	Calcium (tot.unfilt)	>300 mg/l	Quarterly	151	mg/l	TM228	15/11/2017 at 09.50	Lab:precision 4.2%, Bias -4.9%, Expanded Uncertainty 13.3%. Sampling Immeasurable
SW 11	pH	6.8 ñ 8.5	Quarterly	7.6	pH Units	TM256	15/11/2017 at 09.50	Lab:precision 0%, Bias 0.1%, Expanded Uncertainty 0.1%. Sampling Immeasurable
SW 11	GRO>C5-C12	>2 mg/l	Quarterly	<50	µg/l	TM245	15/11/2017 at 09.50	Lab: Unknown. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 11	GRO >C7-C8	>2 mg/l	Quarterly	<10	µg/l	TM245	15/11/2017 at 09.50	Lab: Unknown. Sampling: Immeasurable
SW 11	GRO >C5-C6	>2 mg/l	Quarterly	<10	µg/l	TM245	15/11/2017 at 09.50	Lab: Unknown. Sampling: Immeasurable
SW 11	GRO >C6-C7	>2 mg/l	Quarterly	<10	µg/l	TM245	15/11/2017 at 09.50	Lab: Unknown. Sampling: Immeasurable
SW 11	GRO >C8-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	15/11/2017 at 09.50	Lab: Unknown. Sampling: Immeasurable
SW 11	GRO >C10-C12	>2 mg/l	Quarterly	<10	µg/l	TM245	15/11/2017 at 09.50	Lab: Unknown. Sampling: Immeasurable
SW 11	GRO >C5-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	15/11/2017 at 09.50	Lab: Unknown. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 12	Suspended Solids, Total	>250 mg/l (1 occasion) >100 mg/l (3 consecutive occasions) >60 mg/l (4 consecutive occasions)	Quarterly	<2	mg/l	TM022	15/11/2017 at 10.15	Lab:precision 1%, Bias -1.2%, Expanded Uncertainty 3.1%. Sampling Immeasurable
SW 12	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	<3	mg/l	TM045	15/11/2017 at 10.15	Lab:precision 9.6%, Bias -6.2%, Expanded Uncertainty 25.5%. Sampling Immeasurable
SW 12	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	0.13	mg/l	TM099	15/11/2017 at 10.15	Lab:precision 2%, Bias -1.1%, Expanded Uncertainty 5%. Sampling Immeasurable
SW 12	Conductivity	>2000 µS/cm	Quarterly	1.08	mS/cm	TM120	15/11/2017 at 10.15	Lab:precision 1%, Bias 2.9%, Expanded Uncertainty 4.9%. Sampling Immeasurable
SW 12	Lead (diss.filt)	>0.25 mg/l	Quarterly	<0.2	µg/l	TM152	15/11/2017 at 10.15	Lab:precision 3.6%, Bias 3.6%, Expanded Uncertainty 10.8%. Sampling Immeasurable
SW 12	Nickel (diss.filt)	>0.1 mg/l	Quarterly	1.93	µg/l	TM152	15/11/2017 at 10.15	Lab:precision 3.4%, Bias 2.3%, Expanded Uncertainty 9%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 12	EPH Range >C10-C40 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	15/11/2017 at 10.15	Lab:precision 10.3%, Bias - 13.6%, Expanded Uncertainty 34.2%. Sampling Immeasurable
SW 12	EPH Range >C10-C20 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	15/11/2017 at 10.15	Lab: Unknown. Sampling: Immeasurable
SW 12	EPH Range >C20-C30 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	15/11/2017 at 10.15	Lab: Unknown. Sampling: Immeasurable
SW 12	EPH Range >C30-C40 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	15/11/2017 at 10.15	Lab: Unknown. Sampling: Immeasurable
SW 12	Sulphate	>300 mg/l	Quarterly	111	mg/l	TM184	15/11/2017 at 10.15	Lab:precision 1.9%, Bias 6%, Expanded Uncertainty 9.8%. Sampling Immeasurable
SW 12	Chloride	>300 mg/l	Quarterly	90.1	mg/l	TM184	15/11/2017 at 10.15	Lab:precision 1.8%, Bias 6.9%, Expanded Uncertainty 10.5%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 12	Nitrite as N	>1 mg/l	Quarterly	<0.0152	mg/l	TM184	15/11/2017 at 10.15	Lab:precision 1.6%, Bias 1.6%, Expanded Uncertainty 4.7%. Sampling Immeasurable
SW 12	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	1.53	mg/l	TM184	15/11/2017 at 10.15	Lab:precision 1.6%, Bias 3.4%, Expanded Uncertainty 6.5%. Sampling Immeasurable
SW 12	Nitrate as N	>1 mg/l	Quarterly	<0.0677	mg/l	TM184	15/11/2017 at 10.15	Lab: Unknown. Sampling: Immeasurable
SW 12	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	<0.1	mg/l	TM184	15/11/2017 at 10.15	Lab:precision 1.9%, Bias 5.4%, Expanded Uncertainty 9.2%. Sampling Immeasurable
SW 12	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	2.09	mg/l	TM187	15/11/2017 at 10.15	Lab: Unknown. Sampling: Immeasurable
SW 12	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<0.5	µg/l	TM191	15/11/2017 at 10.15	Lab:precision 5.7%, Bias - 12.1%, Expanded Uncertainty 23.5%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 12	Zinc (tot.unfilt)	>1 mg/l	Quarterly	3.66	µg/l	TM191	15/11/2017 at 10.15	Lab:precision 5.9%, Bias -10%, Expanded Uncertainty 21.7%. Sampling Immeasurable
SW 12	Calcium (tot.unfilt)	>300 mg/l	Quarterly	158	mg/l	TM228	15/11/2017 at 10.15	Lab:precision 4.2%, Bias -4.9%, Expanded Uncertainty 13.3%. Sampling Immeasurable
SW 12	pH	6.8 ñ 8.5	Quarterly	7.68	pH Units	TM256	15/11/2017 at 10.15	Lab:precision 0%, Bias 0.1%, Expanded Uncertainty 0.1%. Sampling Immeasurable
SW 12	GRO>C5-C12	>2 mg/l	Quarterly	<50	µg/l	TM245	15/11/2017 at 10.15	Lab: Unknown. Sampling: Immeasurable
SW 12	GRO >C7-C8	>2 mg/l	Quarterly	<10	µg/l	TM245	15/11/2017 at 10.15	Lab: Unknown. Sampling: Immeasurable
SW 12	GRO >C5-C6	>2 mg/l	Quarterly	<10	µg/l	TM245	15/11/2017 at 10.15	Lab: Unknown. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 12	GRO >C6-C7	>2 mg/l	Quarterly	<10	µg/l	TM245	15/11/2017 at 10.15	Lab: Unknown. Sampling: Immeasurable
SW 12	GRO >C8-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	15/11/2017 at 10.15	Lab: Unknown. Sampling: Immeasurable
SW 12	GRO >C10-C12	>2 mg/l	Quarterly	<10	µg/l	TM245	15/11/2017 at 10.15	Lab: Unknown. Sampling: Immeasurable
SW 12	GRO >C5-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	15/11/2017 at 10.15	Lab: Unknown. Sampling: Immeasurable
SW 13	Suspended Solids, Total	>250 mg/l (1 occasion) >100 mg/l (3 consecutive occasions) >60 mg/l (4 consecutive occasions)	Quarterly	14.7	mg/l	TM022	15/11/2017 at 10.45	Lab:precision 1%, Bias -1.2%, Expanded Uncertainty 3.1%. Sampling Immeasurable
SW 13	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	<2.5	mg/l	TM045	15/11/2017 at 10.45	Lab:precision 9.6%, Bias -6.2%, Expanded Uncertainty 25.5%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 13	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	1.05	mg/l	TM099	15/11/2017 at 10.45	Lab:precision 2%, Bias -1.1%, Expanded Uncertainty 5%. Sampling Immeasurable
SW 13	Conductivity	>2000 µS/cm	Quarterly	1.11	mS/cm	TM120	15/11/2017 at 10.45	Lab:precision 1%, Bias 2.9%, Expanded Uncertainty 4.9%. Sampling Immeasurable
SW 13	Lead (diss.filt)	>0.25 mg/l	Quarterly	<0.2	µg/l	TM152	15/11/2017 at 10.45	Lab:precision 3.6%, Bias 3.6%, Expanded Uncertainty 10.8%. Sampling Immeasurable
SW 13	Nickel (diss.filt)	>0.1 mg/l	Quarterly	1.88	µg/l	TM152	15/11/2017 at 10.45	Lab:precision 3.4%, Bias 2.3%, Expanded Uncertainty 9%. Sampling Immeasurable
SW 13	EPH Range >C10-C40 (aq)	>2 mg/l	Quarterly	221	µg/l	TM172	15/11/2017 at 10.45	Lab:precision 10.3%, Bias -13.6%, Expanded Uncertainty 34.2%. Sampling Immeasurable
SW 13	EPH Range >C10-C20 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	15/11/2017 at 10.45	Lab: Unknown. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 13	EPH Range >C20-C30 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	15/11/2017 at 10.45	Lab: Unknown. Sampling: Immeasurable
SW 13	EPH Range >C30-C40 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	15/11/2017 at 10.45	Lab: Unknown. Sampling: Immeasurable
SW 13	Sulphate	>300 mg/l	Quarterly	54.4	mg/l	TM184	15/11/2017 at 10.45	Lab:precision 1.9%, Bias 6%, Expanded Uncertainty 9.8%. Sampling Immeasurable
SW 13	Chloride	>300 mg/l	Quarterly	86.2	mg/l	TM184	15/11/2017 at 10.45	Lab:precision 1.8%, Bias 6.9%, Expanded Uncertainty 10.5%. Sampling Immeasurable
SW 13	Nitrite as N	>1 mg/l	Quarterly	<0.0152	mg/l	TM184	15/11/2017 at 10.45	Lab:precision 1.6%, Bias 1.6%, Expanded Uncertainty 4.7%. Sampling Immeasurable
SW 13	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	2.93	mg/l	TM184	15/11/2017 at 10.45	Lab:precision 1.6%, Bias 3.4%, Expanded Uncertainty 6.5%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 13	Nitrate as N	>1 mg/l	Quarterly	<0.0677	mg/l	TM184	15/11/2017 at 10.45	Lab: Unknown. Sampling: Immeasurable
SW 13	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	<0.1	mg/l	TM184	15/11/2017 at 10.45	Lab:precision 1.9%, Bias 5.4%, Expanded Uncertainty 9.2%. Sampling Immeasurable
SW 13	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	0.39	mg/l	TM187	15/11/2017 at 10.45	Lab: Unknown. Sampling: Immeasurable
SW 13	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<0.5	µg/l	TM191	15/11/2017 at 10.45	Lab:precision 5.7%, Bias -12.1%, Expanded Uncertainty 23.5%. Sampling Immeasurable
SW 13	Zinc (tot.unfilt)	>1 mg/l	Quarterly	14.4	µg/l	TM191	15/11/2017 at 10.45	Lab:precision 5.9%, Bias -10%, Expanded Uncertainty 21.7%. Sampling Immeasurable
SW 13	Calcium (tot.unfilt)	>300 mg/l	Quarterly	143	mg/l	TM228	15/11/2017 at 10.45	Lab:precision 4.2%, Bias -4.9%, Expanded Uncertainty 13.3%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 13	pH	6.8 ñ 8.5	Quarterly	7.56	pH Units	TM256	15/11/2017 at 10.45	Lab:precision 0%, Bias 0.1%, Expanded Uncertainty 0.1%. Sampling Immeasurable
SW 13	GRO>C5-C12	>2 mg/l	Quarterly	<50	µg/l	TM245	15/11/2017 at 10.45	Lab: Unknown. Sampling: Immeasurable
SW 13	GRO >C7-C8	>2 mg/l	Quarterly	<10	µg/l	TM245	15/11/2017 at 10.45	Lab: Unknown. Sampling: Immeasurable
SW 13	GRO >C5-C6	>2 mg/l	Quarterly	<10	µg/l	TM245	15/11/2017 at 10.45	Lab: Unknown. Sampling: Immeasurable
SW 13	GRO >C6-C7	>2 mg/l	Quarterly	<10	µg/l	TM245	15/11/2017 at 10.45	Lab: Unknown. Sampling: Immeasurable
SW 13	GRO >C8-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	15/11/2017 at 10.45	Lab: Unknown. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 13	GRO >C10-C12	>2 mg/l	Quarterly	<10	µg/l	TM245	15/11/2017 at 10.45	Lab: Unknown. Sampling: Immeasurable
SW 13	GRO >C5-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	15/11/2017 at 10.45	Lab: Unknown. Sampling: Immeasurable
SW 15	Suspended Solids, Total	>250 mg/l (1 occasion) >100 mg/l (3 consecutive occasions) >60 mg/l (4 consecutive occasions)	Quarterly	4.05	mg/l	TM022	15/11/2017 at 11.10	Lab:precision 1%, Bias -1.2%, Expanded Uncertainty 3.1%. Sampling Immeasurable
SW 15	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	2.68	mg/l	TM045	15/11/2017 at 11.10	Lab:precision 9.6%, Bias -6.2%, Expanded Uncertainty 25.5%. Sampling Immeasurable
SW 15	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	1.26	mg/l	TM099	15/11/2017 at 11.10	Lab:precision 2%, Bias -1.1%, Expanded Uncertainty 5%. Sampling Immeasurable
SW 15	Conductivity	>2000 µS/cm	Quarterly	1.11	mS/cm	TM120	15/11/2017 at 11.10	Lab:precision 1%, Bias 2.9%, Expanded Uncertainty 4.9%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 15	Lead (diss.filt)	>0.25 mg/l	Quarterly	<0.2	µg/l	TM152	15/11/2017 at 11.10	Lab:precision 3.6%, Bias 3.6%, Expanded Uncertainty 10.8%. Sampling Immeasurable
SW 15	Nickel (diss.filt)	>0.1 mg/l	Quarterly	2.26	µg/l	TM152	15/11/2017 at 11.10	Lab:precision 3.4%, Bias 2.3%, Expanded Uncertainty 9%. Sampling Immeasurable
SW 15	EPH Range >C10-C40 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	15/11/2017 at 11.10	Lab:precision 10.3%, Bias - 13.6%, Expanded Uncertainty 34.2%. Sampling Immeasurable
SW 15	EPH Range >C10-C20 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	15/11/2017 at 11.10	Lab: Unknown. Sampling: Immeasurable
SW 15	EPH Range >C20-C30 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	15/11/2017 at 11.10	Lab: Unknown. Sampling: Immeasurable
SW 15	EPH Range >C30-C40 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	15/11/2017 at 11.10	Lab: Unknown. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 15	Sulphate	>300 mg/l	Quarterly	214	mg/l	TM184	15/11/2017 at 11.10	Lab:precision 1.9%, Bias 6%, Expanded Uncertainty 9.8%. Sampling Immeasurable
SW 15	Chloride	>300 mg/l	Quarterly	105	mg/l	TM184	15/11/2017 at 11.10	Lab:precision 1.8%, Bias 6.9%, Expanded Uncertainty 10.5%. Sampling Immeasurable
SW 15	Nitrite as N	>1 mg/l	Quarterly	0.0152	mg/l	TM184	15/11/2017 at 11.10	Lab:precision 1.6%, Bias 1.6%, Expanded Uncertainty 4.7%. Sampling Immeasurable
SW 15	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	1.39	mg/l	TM184	15/11/2017 at 11.10	Lab:precision 1.6%, Bias 3.4%, Expanded Uncertainty 6.5%. Sampling Immeasurable
SW 15	Nitrate as N	>1 mg/l	Quarterly	0.125	mg/l	TM184	15/11/2017 at 11.10	Lab: Unknown. Sampling: Immeasurable
SW 15	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	0.14	mg/l	TM184	15/11/2017 at 11.10	Lab:precision 1.9%, Bias 5.4%, Expanded Uncertainty 9.2%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 15	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	12.7	mg/l	TM046	15/11/2017 at 11.10	Lab: Unknown. Sampling: Immeasurable
SW 15	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<0.5	µg/l	TM191	15/11/2017 at 11.10	Lab:precision 5.7%, Bias -12.1%, Expanded Uncertainty 23.5%. Sampling Immeasurable
SW 15	Zinc (tot.unfilt)	>1 mg/l	Quarterly	4.36	µg/l	TM191	15/11/2017 at 11.10	Lab:precision 5.9%, Bias -10%, Expanded Uncertainty 21.7%. Sampling Immeasurable
SW 15	Calcium (tot.unfilt)	>300 mg/l	Quarterly	123	mg/l	TM228	15/11/2017 at 11.10	Lab:precision 4.2%, Bias -4.9%, Expanded Uncertainty 13.3%. Sampling Immeasurable
SW 15	pH	6.8 ñ 8.5	Quarterly	8.16	pH Units	TM256	15/11/2017 at 11.10	Lab:precision 0%, Bias 0.1%, Expanded Uncertainty 0.1%. Sampling Immeasurable
SW 15	GRO>C5-C12	>2 mg/l	Quarterly	<50	µg/l	TM245	15/11/2017 at 11.10	Lab: Unknown. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 15	GRO >C7-C8	>2 mg/l	Quarterly	<10	µg/l	TM245	15/11/2017 at 11.10	Lab: Unknown. Sampling: Immeasurable
SW 15	GRO >C5-C6	>2 mg/l	Quarterly	<10	µg/l	TM245	15/11/2017 at 11.10	Lab: Unknown. Sampling: Immeasurable
SW 15	GRO >C6-C7	>2 mg/l	Quarterly	<10	µg/l	TM245	15/11/2017 at 11.10	Lab: Unknown. Sampling: Immeasurable
SW 15	GRO >C8-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	15/11/2017 at 11.10	Lab: Unknown. Sampling: Immeasurable
SW 15	GRO >C10-C12	>2 mg/l	Quarterly	<10	µg/l	TM245	15/11/2017 at 11.10	Lab: Unknown. Sampling: Immeasurable
SW 15	GRO >C5-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	15/11/2017 at 11.10	Lab: Unknown. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 16	Suspended Solids, Total	>250 mg/l (1 occasion) >100 mg/l (3 consecutive occasions) >60 mg/l (4 consecutive occasions)	Quarterly	74	mg/l	TM022	15/11/2017 at 11.25	Lab:precision 1%, Bias -1.2%, Expanded Uncertainty 3.1%. Sampling Immeasurable
SW 16	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	<2.5	mg/l	TM045	15/11/2017 at 11.25	Lab:precision 9.6%, Bias -6.2%, Expanded Uncertainty 25.5%. Sampling Immeasurable
SW 16	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	1.01	mg/l	TM099	15/11/2017 at 11.25	Lab:precision 2%, Bias -1.1%, Expanded Uncertainty 5%. Sampling Immeasurable
SW 16	Conductivity	>2000 µS/cm	Quarterly	1.1	mS/cm	TM120	15/11/2017 at 11.25	Lab:precision 1%, Bias 2.9%, Expanded Uncertainty 4.9%. Sampling Immeasurable
SW 16	Lead (diss.filt)	>0.25 mg/l	Quarterly	<0.2	µg/l	TM152	15/11/2017 at 11.25	Lab:precision 3.6%, Bias 3.6%, Expanded Uncertainty 10.8%. Sampling Immeasurable
SW 16	Nickel (diss.filt)	>0.1 mg/l	Quarterly	2.08	µg/l	TM152	15/11/2017 at 11.25	Lab:precision 3.4%, Bias 2.3%, Expanded Uncertainty 9%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 16	EPH Range >C10-C40 (aq)	>2 mg/l	Quarterly	176	µg/l	TM172	15/11/2017 at 11.25	Lab:precision 10.3%, Bias - 13.6%, Expanded Uncertainty 34.2%. Sampling Immeasurable
SW 16	EPH Range >C10-C20 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	15/11/2017 at 11.25	Lab: Unknown. Sampling: Immeasurable
SW 16	EPH Range >C20-C30 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	15/11/2017 at 11.25	Lab: Unknown. Sampling: Immeasurable
SW 16	EPH Range >C30-C40 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	15/11/2017 at 11.25	Lab: Unknown. Sampling: Immeasurable
SW 16	Sulphate	>300 mg/l	Quarterly	212	mg/l	TM184	15/11/2017 at 11.25	Lab:precision 1.9%, Bias 6%, Expanded Uncertainty 9.8%. Sampling Immeasurable
SW 16	Chloride	>300 mg/l	Quarterly	102	mg/l	TM184	15/11/2017 at 11.25	Lab:precision 1.8%, Bias 6.9%, Expanded Uncertainty 10.5%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 16	Nitrite as N	>1 mg/l	Quarterly	<0.0152	mg/l	TM184	15/11/2017 at 11.25	Lab:precision 1.6%, Bias 1.6%, Expanded Uncertainty 4.7%. Sampling Immeasurable
SW 16	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	0.735	mg/l	TM184	15/11/2017 at 11.25	Lab:precision 1.6%, Bias 3.4%, Expanded Uncertainty 6.5%. Sampling Immeasurable
SW 16	Nitrate as N	>1 mg/l	Quarterly	<0.0677	mg/l	TM184	15/11/2017 at 11.25	Lab: Unknown. Sampling: Immeasurable
SW 16	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	<0.1	mg/l	TM184	15/11/2017 at 11.25	Lab:precision 1.9%, Bias 5.4%, Expanded Uncertainty 9.2%. Sampling Immeasurable
SW 16	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	3.55	mg/l	TM187	15/11/2017 at 11.25	Lab: Unknown. Sampling: Immeasurable
SW 16	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<5	µg/l	TM191	15/11/2017 at 11.25	Lab:precision 5.7%, Bias - 12.1%, Expanded Uncertainty 23.5%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 16	Zinc (tot.unfilt)	>1 mg/l	Quarterly	<30	µg/l	TM191	15/11/2017 at 11.25	Lab:precision 5.9%, Bias -10%, Expanded Uncertainty 21.7%. Sampling Immeasurable
SW 16	Calcium (tot.unfilt)	>300 mg/l	Quarterly	126	mg/l	TM228	15/11/2017 at 11.25	Lab:precision 4.2%, Bias -4.9%, Expanded Uncertainty 13.3%. Sampling Immeasurable
SW 16	pH	6.8 ñ 8.5	Quarterly	7.47	pH Units	TM256	15/11/2017 at 11.25	Lab:precision 0%, Bias 0.1%, Expanded Uncertainty 0.1%. Sampling Immeasurable
SW 16	GRO>C5-C12	>2 mg/l	Quarterly	<50	µg/l	TM245	15/11/2017 at 11.25	Lab: Unknown. Sampling: Immeasurable
SW 16	GRO >C7-C8	>2 mg/l	Quarterly	<10	µg/l	TM245	15/11/2017 at 11.25	Lab: Unknown. Sampling: Immeasurable
SW 16	GRO >C5-C6	>2 mg/l	Quarterly	<10	µg/l	TM245	15/11/2017 at 11.25	Lab: Unknown. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 16	GRO >C6-C7	>2 mg/l	Quarterly	<10	µg/l	TM245	15/11/2017 at 11.25	Lab: Unknown. Sampling: Immeasurable
SW 16	GRO >C8-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	15/11/2017 at 11.25	Lab: Unknown. Sampling: Immeasurable
SW 16	GRO >C10-C12	>2 mg/l	Quarterly	<10	µg/l	TM245	15/11/2017 at 11.25	Lab: Unknown. Sampling: Immeasurable
SW 16	GRO >C5-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	15/11/2017 at 11.25	Lab: Unknown. Sampling: Immeasurable
SW 17	Suspended Solids, Total	>250 mg/l (1 occasion) >100 mg/l (3 consecutive occasions) >60 mg/l (4 consecutive occasions)	Quarterly	9	mg/l	TM022	15/11/2017 at 11.40	Lab:precision 1%, Bias -1.2%, Expanded Uncertainty 3.1%. Sampling Immeasurable
SW 17	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	4.94	mg/l	TM045	15/11/2017 at 11.40	Lab:precision 9.6%, Bias -6.2%, Expanded Uncertainty 25.5%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 17	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	1.13	mg/l	TM099	15/11/2017 at 11.40	Lab:precision 2%, Bias -1.1%, Expanded Uncertainty 5%. Sampling Immeasurable
SW 17	Conductivity	>2000 µS/cm	Quarterly	1.19	mS/cm	TM120	15/11/2017 at 11.40	Lab:precision 1%, Bias 2.9%, Expanded Uncertainty 4.9%. Sampling Immeasurable
SW 17	Lead (diss.filt)	>0.25 mg/l	Quarterly	<0.2	µg/l	TM152	15/11/2017 at 11.40	Lab:precision 3.6%, Bias 3.6%, Expanded Uncertainty 10.8%. Sampling Immeasurable
SW 17	Nickel (diss.filt)	>0.1 mg/l	Quarterly	2.01	µg/l	TM152	15/11/2017 at 11.40	Lab:precision 3.4%, Bias 2.3%, Expanded Uncertainty 9%. Sampling Immeasurable
SW 17	EPH Range >C10-C40 (aq)	>2 mg/l	Quarterly	100	µg/l	TM172	15/11/2017 at 11.40	Lab:precision 10.3%, Bias -13.6%, Expanded Uncertainty 34.2%. Sampling Immeasurable
SW 17	EPH Range >C10-C20 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	15/11/2017 at 11.40	Lab: Unknown. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 17	EPH Range >C20-C30 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	15/11/2017 at 11.40	Lab: Unknown. Sampling: Immeasurable
SW 17	EPH Range >C30-C40 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	15/11/2017 at 11.40	Lab: Unknown. Sampling: Immeasurable
SW 17	Sulphate	>300 mg/l	Quarterly	241	mg/l	TM184	15/11/2017 at 11.40	Lab:precision 1.9%, Bias 6%, Expanded Uncertainty 9.8%. Sampling Immeasurable
SW 17	Chloride	>300 mg/l	Quarterly	106	mg/l	TM184	15/11/2017 at 11.40	Lab:precision 1.8%, Bias 6.9%, Expanded Uncertainty 10.5%. Sampling Immeasurable
SW 17	Nitrite as N	>1 mg/l	Quarterly	<0.0152	mg/l	TM184	15/11/2017 at 11.40	Lab:precision 1.6%, Bias 1.6%, Expanded Uncertainty 4.7%. Sampling Immeasurable
SW 17	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	1.47	mg/l	TM184	15/11/2017 at 11.40	Lab:precision 1.6%, Bias 3.4%, Expanded Uncertainty 6.5%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 17	Nitrate as N	>1 mg/l	Quarterly	<0.0677	mg/l	TM184	15/11/2017 at 11.40	Lab: Unknown. Sampling: Immeasurable
SW 17	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	<0.1	mg/l	TM184	15/11/2017 at 11.40	Lab:precision 1.9%, Bias 5.4%, Expanded Uncertainty 9.2%. Sampling Immeasurable
SW 17	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	1.71	mg/l	TM187	15/11/2017 at 11.40	Lab: Unknown. Sampling: Immeasurable
SW 17	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<0.5	µg/l	TM191	15/11/2017 at 11.40	Lab:precision 5.7%, Bias -12.1%, Expanded Uncertainty 23.5%. Sampling Immeasurable
SW 17	Zinc (tot.unfilt)	>1 mg/l	Quarterly	13.3	µg/l	TM191	15/11/2017 at 11.40	Lab:precision 5.9%, Bias -10%, Expanded Uncertainty 21.7%. Sampling Immeasurable
SW 17	Calcium (tot.unfilt)	>300 mg/l	Quarterly	147	mg/l	TM228	15/11/2017 at 11.40	Lab:precision 4.2%, Bias -4.9%, Expanded Uncertainty 13.3%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 17	pH	6.8 ñ 8.5	Quarterly	7.57	pH Units	TM256	15/11/2017 at 11.40	Lab:precision 0%, Bias 0.1%, Expanded Uncertainty 0.1%. Sampling Immeasurable
SW 17	GRO>C5-C12	>2 mg/l	Quarterly	<50	µg/l	TM245	15/11/2017 at 11.40	Lab: Unknown. Sampling: Immeasurable
SW 17	GRO >C7-C8	>2 mg/l	Quarterly	<10	µg/l	TM245	15/11/2017 at 11.40	Lab: Unknown. Sampling: Immeasurable
SW 17	GRO >C5-C6	>2 mg/l	Quarterly	<10	µg/l	TM245	15/11/2017 at 11.40	Lab: Unknown. Sampling: Immeasurable
SW 17	GRO >C6-C7	>2 mg/l	Quarterly	<10	µg/l	TM245	15/11/2017 at 11.40	Lab: Unknown. Sampling: Immeasurable
SW 17	GRO >C8-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	15/11/2017 at 11.40	Lab: Unknown. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 17	GRO >C10-C12	>2 mg/l	Quarterly	<10	µg/l	TM245	15/11/2017 at 11.40	Lab: Unknown. Sampling: Immeasurable
SW 17	GRO >C5-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	15/11/2017 at 11.40	Lab: Unknown. 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.



Signed

Date: December 2017

(Authorised to sign as representative of Operator)

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