

Permit Number: EPR/PP3993VS

Operator: Atlantic Recycling

Facility: Atlantic Recycling

Form Number: Surfacewater1

Reporting of surface water monitoring for quarterly monitoring in February 2018

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	11.4	mg/l	TM022	20/02/2018 at 15.15	Lab: precision 1%, Bias -1.4%, Expanded Uncertainty 3.3%. Sampling Immeasurable
Outfall	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	4.16	mg/l	TM045	20/02/2018 at 15.15	Lab: precision 6.6%, Bias 6.4%, Expanded Uncertainty 19.5%. Sampling Immeasurable
Outfall	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	2.02	mg/l	TM099	20/02/2018 at 15.15	Lab: precision 2.2%, Bias -0.7%, Expanded Uncertainty 5%. Sampling Immeasurable
Outfall	Conductivity	>2000 µS/cm	Quarterly	1.05	mS/cm	TM120	20/02/2018 at 15.15	Lab: precision 0.7%, Bias 3%, Expanded Uncertainty 4.4%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
Outfall	Lead (diss.filt)	>0.25 mg/l	Quarterly	0.226	µg/l	TM152	20/02/2018 at 15.15	Lab: precision 4.1%, Bias 0.3%, Expanded Uncertainty 8.5%. Sampling Immeasurable
Outfall	Nickel (diss.filt)	>0.1 mg/l	Quarterly	4.54	µg/l	TM152	20/02/2018 at 15.15	Lab: precision 4%, Bias -1.1%, Expanded Uncertainty 9%. Sampling Immeasurable
Outfall	EPH Range >C10-C40 (aq)	>2 mg/l	Quarterly	110	µg/l	TM172	20/02/2018 at 15.15	Lab: precision 7.7%, Bias -3.8%, Expanded Uncertainty 19.2%. Sampling Immeasurable
Outfall	EPH Range >C10-C20 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	20/02/2018 at 15.15	Lab: Unknown. Sampling: Immeasurable
Outfall	EPH Range >C20-C30 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	20/02/2018 at 15.15	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⁾
Outfall	EPH Range >C30-C40 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	20/02/2018 at 15.15	Lab: Unknown. Sampling: Immeasurable
Outfall	Sulphate	>300 mg/l	Quarterly	253	mg/l	TM184	20/02/2018 at 15.15	Lab: precision 3.5%, Bias 1.3%, Expanded Uncertainty 8.4%. Sampling Immeasurable
Outfall	Chloride	>300 mg/l	Quarterly	97.3	mg/l	TM184	20/02/2018 at 15.15	Lab: precision 3.5%, Bias 3.3%, Expanded Uncertainty 10.2%. Sampling Immeasurable
Outfall	Nitrite as N	>1 mg/l	Quarterly	0.0332	mg/l	TM184	20/02/2018 at 15.15	Lab: precision 2.2%, Bias 1.1%, Expanded Uncertainty 5.5%. Sampling Immeasurable
Outfall	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	0.135	mg/l	TM184	20/02/2018 at 15.15	Lab: precision 1.1%, Bias 2.6%, Expanded Uncertainty 4.9%. Sampling Immeasurable
Outfall	Nitrate as N	>1 mg/l	Quarterly	0.33	mg/l	TM184	20/02/2018 at 15.15	Lab: precision 2.2%, Bias 1.1%, Expanded Uncertainty 5.5%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
Outfall	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	0.363	mg/l	TM184	20/02/2018 at 15.15	Lab: precision 2.8%, Bias 3.5%, Expanded Uncertainty 9.2%. Sampling Immeasurable
Outfall	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	6.61	mg/l	TM187	20/02/2018 at 15.15	Lab: Unknown. Sampling: Immeasurable
Outfall	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<0.5	µg/l	TM191	20/02/2018 at 15.15	Lab: precision 5.1%, Bias - 8.7%, Expanded Uncertainty 18.9%. Sampling Immeasurable
Outfall	Zinc (tot.unfilt)	>1 mg/l	Quarterly	18.7	µg/l	TM191	20/02/2018 at 15.15	Lab: precision 5.2%, Bias - 4.7%, Expanded Uncertainty 15%. Sampling Immeasurable
Outfall	Calcium (tot.unfilt)	>300 mg/l	Quarterly	142	mg/l	TM228	20/02/2018 at 15.15	Lab: precision 5.3%, Bias - 1.2%, Expanded Uncertainty 11.7%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
Outfall	pH	6.8 ÷ 8.5	Quarterly	7.7	pH Units	TM256	20/02/2018 at 15.15	Lab: precision 0%, Bias 0.1%, Expanded Uncertainty 0.1%. Sampling Immeasurable
Outfall	GRO >C5-C12	>2 mg/l	Quarterly	<50	µg/l	TM245	20/02/2018 at 15.15	Lab: Unknown. Sampling: Immeasurable
Outfall	GRO >C7-C8	>2 mg/l	Quarterly	<10	µg/l	TM245	20/02/2018 at 15.15	Lab: Unknown. Sampling: Immeasurable
Outfall	GRO >C5-C6	>2 mg/l	Quarterly	<10	µg/l	TM245	20/02/2018 at 15.15	Lab: Unknown. Sampling: Immeasurable
Outfall	GRO >C6-C7	>2 mg/l	Quarterly	<10	µg/l	TM245	20/02/2018 at 15.15	Lab: Unknown. Sampling: Immeasurable
Outfall	GRO >C8-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	20/02/2018 at 15.15	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⁾
Outfall	GRO >C10-C12	>2 mg/l	Quarterly	<10	µg/l	TM245	20/02/2018 at 15.15	Lab: Unknown. Sampling: Immeasurable
Outfall	GRO >C5-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	20/02/2018 at 15.15	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	16.3	mg/l	TM022	20/02/2018 at 13.00	Lab: precision 1%, Bias -1.4%, Expanded Uncertainty 3.3%. Sampling Immeasurable
SW 4	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	<1	mg/l	TM045	20/02/2018 at 13.00	Lab: precision 6.6%, Bias 6.4%, Expanded Uncertainty 19.5%. Sampling Immeasurable
SW 4	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	0.224	mg/l	TM099	20/02/2018 at 13.00	Lab: precision 2.2%, Bias -0.7%, Expanded Uncertainty 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	Conductivity	>2000 µS/cm	Quarterly	0.838	mS/cm	TM120	20/02/2018 at 13.00	Lab: precision 0.7%, Bias 3%, Expanded Uncertainty 4.4%. Sampling Immeasurable
SW 4	Lead (diss.filt)	>0.25 mg/l	Quarterly	<0.2	µg/l	TM152	20/02/2018 at 13.00	Lab: precision 4.1%, Bias 0.3%, Expanded Uncertainty 8.5%. Sampling Immeasurable
SW 4	Nickel (diss.filt)	>0.1 mg/l	Quarterly	1.74	µg/l	TM152	20/02/2018 at 13.00	Lab: precision 4%, Bias -1.1%, Expanded Uncertainty 9%. Sampling Immeasurable
SW 4	EPH Range >C10-C40 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	20/02/2018 at 13.00	Lab: precision 7.7%, Bias -3.8%, Expanded Uncertainty 19.2%. Sampling Immeasurable
SW 4	EPH Range >C10-C20 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	20/02/2018 at 13.00	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 4	EPH Range >C20-C30 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	20/02/2018 at 13.00	Lab: Unknown. Sampling: Immeasurable
SW 4	EPH Range >C30-C40 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	20/02/2018 at 13.00	Lab: Unknown. Sampling: Immeasurable
SW 4	Sulphate	>300 mg/l	Quarterly	112	mg/l	TM184	20/02/2018 at 13.00	Lab: precision 3.5%, Bias 1.3%, Expanded Uncertainty 8.4%. Sampling Immeasurable
SW 4	Chloride	>300 mg/l	Quarterly	73.4	mg/l	TM184	20/02/2018 at 13.00	Lab: precision 3.5%, Bias 3.3%, Expanded Uncertainty 10.2%. Sampling Immeasurable
SW 4	Nitrite as N	>1 mg/l	Quarterly	0.0216	mg/l	TM184	20/02/2018 at 13.00	Lab: precision 2.2%, Bias 1.1%, Expanded Uncertainty 5.5%. Sampling Immeasurable
SW 4	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	0.359	mg/l	TM184	20/02/2018 at 13.00	Lab: precision 1.1%, Bias 2.6%, 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 4	Nitrate as N	>1 mg/l	Quarterly	0.655	mg/l	TM184	20/02/2018 at 13.00	Lab: precision 2.2%, Bias 1.1%, Expanded Uncertainty 5.5%. Sampling Immeasurable
SW 4	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	0.677	mg/l	TM184	20/02/2018 at 13.00	Lab: precision 2.8%, Bias 3.5%, Expanded Uncertainty 9.2%. Sampling Immeasurable
SW 4	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	4.7	mg/l	TM187	20/02/2018 at 13.00	Lab: Unknown. Sampling: Immeasurable
SW 4	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<0.5	µg/l	TM191	20/02/2018 at 13.00	Lab: precision 5.1%, Bias - 8.7%, Expanded Uncertainty 18.9%. Sampling Immeasurable
SW 4	Zinc (tot.unfilt)	>1 mg/l	Quarterly	14.2	µg/l	TM191	20/02/2018 at 13.00	Lab: precision 5.2%, Bias - 4.7%, Expanded Uncertainty 15%. 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	Calcium (tot.unfilt)	>300 mg/l	Quarterly	103	mg/l	TM228	20/02/2018 at 13.00	Lab: precision 5.3%, Bias - 1.2%, Expanded Uncertainty 11.7%. Sampling Immeasurable
SW 4	pH	6.8 ÷ 8.5	Quarterly	7.61	pH Units	TM256	20/02/2018 at 13.00	Lab: precision 0%, Bias 0.1%, Expanded Uncertainty 0.1%. Sampling Immeasurable
SW 4	GRO>C5-12	>2 mg/l	Quarterly	<50	µg/l	TM245	20/02/2018 at 13.00	Lab: Unknown. Sampling: Immeasurable
SW 4	GRO >C7-C8	>2 mg/l	Quarterly	<10	µg/l	TM245	20/02/2018 at 13.00	Lab: Unknown. Sampling: Immeasurable
SW 4	GRO >C5-C6	>2 mg/l	Quarterly	<10	µg/l	TM245	20/02/2018 at 13.00	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 4	GRO >C6-C7	>2 mg/l	Quarterly	<10	µg/l	TM245	20/02/2018 at 13.00	Lab: Unknown. Sampling: Immeasurable
SW 4	GRO >C8-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	20/02/2018 at 13.00	Lab: Unknown. Sampling: Immeasurable
SW 4	GRO >C10-C12	>2 mg/l	Quarterly	<10	µg/l	TM245	20/02/2018 at 13.00	Lab: Unknown. Sampling: Immeasurable
SW 4	GRO >C5-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	20/02/2018 at 13.00	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	25	mg/l	TM022	20/02/2018 at 13.45	Lab: precision 1%, Bias -1.4%, Expanded Uncertainty 3.3%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 5	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	<1	mg/l	TM045	20/02/2018 at 13.45	Lab: precision 6.6%, Bias 6.4%, Expanded Uncertainty 19.5%. Sampling Immeasurable
SW 5	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	0.166	mg/l	TM099	20/02/2018 at 13.45	Lab: precision 2.2%, Bias - 0.7%, Expanded Uncertainty 5%. Sampling Immeasurable
SW 5	Conductivity	>2000 µS/cm	Quarterly	0.924	mS/cm	TM120	20/02/2018 at 13.45	Lab: precision 0.7%, Bias 3%, Expanded Uncertainty 4.4%. Sampling Immeasurable
SW 5	Lead (diss.filt)	>0.25 mg/l	Quarterly	<0.2	µg/l	TM152	20/02/2018 at 13.45	Lab: precision 4.1%, Bias 0.3%, Expanded Uncertainty 8.5%. Sampling Immeasurable
SW 5	Nickel (diss.filt)	>0.1 mg/l	Quarterly	2.45	µg/l	TM152	20/02/2018 at 13.45	Lab: precision 4%, Bias -1.1%, Expanded Uncertainty 9%. Sampling Immeasurable
SW 5	EPH Range >C10-C40 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	20/02/2018 at 13.45	Lab: precision 7.7%, Bias - 3.8%, Expanded Uncertainty 19.2%. 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	EPH Range >C10-C20 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	20/02/2018 at 13.45	Lab: Unknown. Sampling: Immeasurable
SW 5	EPH Range >C20-C30 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	20/02/2018 at 13.45	Lab: Unknown. Sampling: Immeasurable
SW 5	EPH Range >C30-C40 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	20/02/2018 at 13.45	Lab: Unknown. Sampling: Immeasurable
SW 5	Sulphate	>300 mg/l	Quarterly	231	mg/l	TM184	20/02/2018 at 13.45	Lab: precision 3.5%, Bias 1.3%, Expanded Uncertainty 8.4%. Sampling Immeasurable
SW 5	Chloride	>300 mg/l	Quarterly	66.5	mg/l	TM184	20/02/2018 at 13.45	Lab: precision 3.5%, Bias 3.3%, Expanded Uncertainty 10.2%. 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	Nitrite as N	>1 mg/l	Quarterly	0.0155	mg/l	TM184	20/02/2018 at 13.45	Lab: precision 2.2%, Bias 1.1%, Expanded Uncertainty 5.5%. Sampling Immeasurable
SW 5	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	0.307	mg/l	TM184	20/02/2018 at 13.45	Lab: precision 1.1%, Bias 2.6%, Expanded Uncertainty 4.9%. Sampling Immeasurable
SW 5	Nitrate as N	>1 mg/l	Quarterly	0.249	mg/l	TM184	20/02/2018 at 13.45	Lab: precision 2.2%, Bias 1.1%, Expanded Uncertainty 5.5%. Sampling Immeasurable
SW 5	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	0.265	mg/l	TM184	20/02/2018 at 13.45	Lab: precision 2.8%, Bias 3.5%, Expanded Uncertainty 9.2%. Sampling Immeasurable
SW 5	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	6.97	mg/l	TM187	20/02/2018 at 13.45	Lab: Unknown. Sampling: Immeasurable
SW 5	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<0.5	µg/l	TM191	20/02/2018 at 13.45	Lab: precision 5.1%, Bias - 8.7%, Expanded Uncertainty 18.9%. 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	Zinc (tot.unfilt)	>1 mg/l	Quarterly	7.68	µg/l	TM191	20/02/2018 at 13.45	Lab: precision 5.2%, Bias - 4.7%, Expanded Uncertainty 15%. Sampling Immeasurable
SW 5	Calcium (tot.unfilt)	>300 mg/l	Quarterly	132	mg/l	TM228	20/02/2018 at 13.45	Lab: precision 5.3%, Bias - 1.2%, Expanded Uncertainty 11.7%. Sampling Immeasurable
SW 5	pH	6.8 i 8.5	Quarterly	7.69	pH Units	TM256	20/02/2018 at 13.45	Lab: precision 0%, Bias 0.1%, Expanded Uncertainty 0.1%. Sampling Immeasurable
SW 5	GRO>C5-12	>2 mg/l	Quarterly	<50	µg/l	TM245	20/02/2018 at 13.45	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 5	GRO >C7-C8	>2 mg/l	Quarterly	<10	µg/l	TM245	20/02/2018 at 13.45	Lab: Unknown. Sampling: Immeasurable
SW 5	GRO >C5-C6	>2 mg/l	Quarterly	<10	µg/l	TM245	20/02/2018 at 13.45	Lab: Unknown. Sampling: Immeasurable
SW 5	GRO >C6-C7	>2 mg/l	Quarterly	<10	µg/l	TM245	20/02/2018 at 13.45	Lab: Unknown. Sampling: Immeasurable
SW 5	GRO >C8-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	20/02/2018 at 13.45	Lab: Unknown. Sampling: Immeasurable
SW 5	GRO >C10-C12	>2 mg/l	Quarterly	<10	µg/l	TM245	20/02/2018 at 13.45	Lab: Unknown. Sampling: Immeasurable
SW 5	GRO >C5-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	20/02/2018 at 13.45	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 6	Suspended Solids, Total	>250 mg/l (1 occasion) >100 mg/l (3 consecutive occasions) >60 mg/l (4 consecutive occasions)	Quarterly	12.6	mg/l	TM022	20/02/2018 at 14.00	Lab: precision 1%, Bias -1.4%, Expanded Uncertainty 3.3%. Sampling Immeasurable
SW 6	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	<1	mg/l	TM045	20/02/2018 at 14.00	Lab: precision 6.6%, Bias 6.4%, Expanded Uncertainty 19.5%. Sampling Immeasurable
SW 6	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	0.255	mg/l	TM099	20/02/2018 at 14.00	Lab: precision 2.2%, Bias -0.7%, Expanded Uncertainty 5%. Sampling Immeasurable
SW 6	Conductivity	>2000 µS/cm	Quarterly	0.919	mS/cm	TM120	20/02/2018 at 14.00	Lab: precision 0.7%, Bias 3%, Expanded Uncertainty 4.4%. Sampling Immeasurable
SW 6	Lead (diss.filt)	>0.25 mg/l	Quarterly	<0.2	µg/l	TM152	20/02/2018 at 14.00	Lab: precision 4.1%, Bias 0.3%, Expanded Uncertainty 8.5%. 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	Nickel (diss.filt)	>0.1 mg/l	Quarterly	2.69	µg/l	TM152	20/02/2018 at 14.00	Lab: precision 4%, Bias -1.1%, Expanded Uncertainty 9%. Sampling Immeasurable
SW 6	EPH Range >C10-C40 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	20/02/2018 at 14.00	Lab: precision 7.7%, Bias -3.8%, Expanded Uncertainty 19.2%. Sampling Immeasurable
SW 6	EPH Range >C10-C20 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	20/02/2018 at 14.00	Lab: Unknown. Sampling: Immeasurable
SW 6	EPH Range >C20-C30 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	20/02/2018 at 14.00	Lab: Unknown. Sampling: Immeasurable
SW 6	EPH Range >C30-C40 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	20/02/2018 at 14.00	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 6	Sulphate	>300 mg/l	Quarterly	193	mg/l	TM184	20/02/2018 at 14.00	Lab: precision 3.5%, Bias 1.3%, Expanded Uncertainty 8.4%. Sampling Immeasurable
SW 6	Chloride	>300 mg/l	Quarterly	63.6	mg/l	TM184	20/02/2018 at 14.00	Lab: precision 3.5%, Bias 3.3%, Expanded Uncertainty 10.2%. Sampling Immeasurable
SW 6	Nitrite as N	>1 mg/l	Quarterly	0.0201	mg/l	TM184	20/02/2018 at 14.00	Lab: precision 2.2%, Bias 1.1%, Expanded Uncertainty 5.5%. Sampling Immeasurable
SW 6	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	0.662	mg/l	TM184	20/02/2018 at 14.00	Lab: precision 1.1%, Bias 2.6%, Expanded Uncertainty 4.9%. Sampling Immeasurable
SW 6	Nitrate as N	>1 mg/l	Quarterly	0.439	mg/l	TM184	20/02/2018 at 14.00	Lab: precision 2.2%, Bias 1.1%, Expanded Uncertainty 5.5%. Sampling Immeasurable
SW 6	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	0.459	mg/l	TM184	20/02/2018 at 14.00	Lab: precision 2.8%, Bias 3.5%, 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 6	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	6.55	mg/l	TM187	20/02/2018 at 14.00	Lab: Unknown. Sampling: Immeasurable
SW 6	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<0.5	µg/l	TM191	20/02/2018 at 14.00	Lab: precision 5.1%, Bias - 8.7%, Expanded Uncertainty 18.9%. Sampling Immeasurable
SW 6	Zinc (tot.unfilt)	>1 mg/l	Quarterly	9.1	µg/l	TM191	20/02/2018 at 14.00	Lab: precision 5.2%, Bias - 4.7%, Expanded Uncertainty 15%. Sampling Immeasurable
SW 6	Calcium (tot.unfilt)	>300 mg/l	Quarterly	136	mg/l	TM228	20/02/2018 at 14.00	Lab: precision 5.3%, Bias - 1.2%, Expanded Uncertainty 11.7%. Sampling Immeasurable
SW 6	pH	6.8 ÷ 8.5	Quarterly	7.65	pH Units	TM256	20/02/2018 at 14.00	Lab: precision 0%, Bias 0.1%, Expanded Uncertainty 0.1%. 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>C5-12	>2 mg/l	Quarterly	<50	µg/l	TM245	20/02/2018 at 14.00	Lab: Unknown. Sampling: Immeasurable
SW 6	GRO >C7-C8	>2 mg/l	Quarterly	<10	µg/l	TM245	20/02/2018 at 14.00	Lab: Unknown. Sampling: Immeasurable
SW 6	GRO >C5-C6	>2 mg/l	Quarterly	<10	µg/l	TM245	20/02/2018 at 14.00	Lab: Unknown. Sampling: Immeasurable
SW 6	GRO >C6-C7	>2 mg/l	Quarterly	<10	µg/l	TM245	20/02/2018 at 14.00	Lab: Unknown. Sampling: Immeasurable
SW 6	GRO >C8-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	20/02/2018 at 14.00	Lab: Unknown. Sampling: Immeasurable
SW 6	GRO >C10-C12	>2 mg/l	Quarterly	<10	µg/l	TM245	20/02/2018 at 14.00	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 6	GRO >C5-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	20/02/2018 at 14.00	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	13.7	mg/l	TM022	20/02/2018 at 14.15	Lab: precision 1%, Bias -1.4%, Expanded Uncertainty 3.3%. Sampling Immeasurable
SW 7	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	<1	mg/l	TM045	20/02/2018 at 14.15	Lab: precision 6.6%, Bias 6.4%, Expanded Uncertainty 19.5%. Sampling Immeasurable
SW 7	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	0.153	mg/l	TM099	20/02/2018 at 14.15	Lab: precision 2.2%, Bias -0.7%, Expanded Uncertainty 5%. Sampling Immeasurable
SW 7	Conductivity	>2000 µS/cm	Quarterly	0.877	mS/cm	TM120	20/02/2018 at 14.15	Lab: precision 0.7%, Bias 3%, Expanded Uncertainty 4.4%. 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	Lead (diss.filt)	>0.25 mg/l	Quarterly	<0.2	µg/l	TM152	20/02/2018 at 14.15	Lab: precision 4.1%, Bias 0.3%, Expanded Uncertainty 8.5%. Sampling Immeasurable
SW 7	Nickel (diss.filt)	>0.1 mg/l	Quarterly	2.4	µg/l	TM152	20/02/2018 at 14.15	Lab: precision 4%, Bias -1.1%, Expanded Uncertainty 9%. Sampling Immeasurable
SW 7	EPH Range >C10-C40 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	20/02/2018 at 14.15	Lab: precision 7.7%, Bias -3.8%, Expanded Uncertainty 19.2%. Sampling Immeasurable
SW 7	EPH Range >C10-C20 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	20/02/2018 at 14.15	Lab: Unknown. Sampling: Immeasurable
SW 7	EPH Range >C20-C30 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	20/02/2018 at 14.15	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 7	EPH Range >C30-C40 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	20/02/2018 at 14.15	Lab: Unknown. Sampling: Immeasurable
SW 7	Sulphate	>300 mg/l	Quarterly	211	mg/l	TM184	20/02/2018 at 14.15	Lab: precision 3.5%, Bias 1.3%, Expanded Uncertainty 8.4%. Sampling Immeasurable
SW 7	Chloride	>300 mg/l	Quarterly	66.3	mg/l	TM184	20/02/2018 at 14.15	Lab: precision 3.5%, Bias 3.3%, Expanded Uncertainty 10.2%. Sampling Immeasurable
SW 7	Nitrite as N	>1 mg/l	Quarterly	<0.0152	mg/l	TM184	20/02/2018 at 14.15	Lab: precision 2.2%, Bias 1.1%, Expanded Uncertainty 5.5%. Sampling Immeasurable
SW 7	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	0.266	mg/l	TM184	20/02/2018 at 14.15	Lab: precision 1.1%, Bias 2.6%, Expanded Uncertainty 4.9%. Sampling Immeasurable
SW 7	Nitrate as N	>1 mg/l	Quarterly	0.236	mg/l	TM184	20/02/2018 at 14.15	Lab: precision 2.2%, Bias 1.1%, Expanded Uncertainty 5.5%. 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	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	0.249	mg/l	TM184	20/02/2018 at 14.15	Lab: precision 2.8%, Bias 3.5%, Expanded Uncertainty 9.2%. Sampling Immeasurable
SW 7	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	6.77	mg/l	TM187	20/02/2018 at 14.15	Lab: Unknown. Sampling: Immeasurable
SW 7	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<0.5	µg/l	TM191	20/02/2018 at 14.15	Lab: precision 5.1%, Bias - 8.7%, Expanded Uncertainty 18.9%. Sampling Immeasurable
SW 7	Zinc (tot.unfilt)	>1 mg/l	Quarterly	13.2	µg/l	TM191	20/02/2018 at 14.15	Lab: precision 5.2%, Bias - 4.7%, Expanded Uncertainty 15%. Sampling Immeasurable
SW 7	Calcium (tot.unfilt)	>300 mg/l	Quarterly	132	mg/l	TM228	20/02/2018 at 14.15	Lab: precision 5.3%, Bias - 1.2%, Expanded Uncertainty 11.7%. 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 i 8.5	Quarterly	7.68	pH Units	TM256	20/02/2018 at 14.15	Lab: precision 0%, Bias 0.1%, Expanded Uncertainty 0.1%. Sampling Immeasurable
SW 7	GRO>C5-12	>2 mg/l	Quarterly	<50	µg/l	TM245	20/02/2018 at 14.15	Lab: Unknown. Sampling: Immeasurable
SW 7	GRO >C7-C8	>2 mg/l	Quarterly	<10	µg/l	TM245	20/02/2018 at 14.15	Lab: Unknown. Sampling: Immeasurable
SW 7	GRO >C5-C6	>2 mg/l	Quarterly	<10	µg/l	TM245	20/02/2018 at 14.15	Lab: Unknown. Sampling: Immeasurable
SW 7	GRO >C6-C7	>2 mg/l	Quarterly	<10	µg/l	TM245	20/02/2018 at 14.15	Lab: Unknown. Sampling: Immeasurable
SW 7	GRO >C8-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	20/02/2018 at 14.15	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 7	GRO >C10-C12	>2 mg/l	Quarterly	<10	µg/l	TM245	20/02/2018 at 14.15	Lab: Unknown. Sampling: Immeasurable
SW 7	GRO >C5-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	20/02/2018 at 14.15	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	9	mg/l	TM022	20/02/2018 at 14.30	Lab: precision 1%, Bias -1.4%, Expanded Uncertainty 3.3%. Sampling Immeasurable
SW 8	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	2.71	mg/l	TM045	20/02/2018 at 14.30	Lab: precision 6.6%, Bias 6.4%, Expanded Uncertainty 19.5%. Sampling Immeasurable
SW 8	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	0.134	mg/l	TM099	20/02/2018 at 14.30	Lab: precision 2.2%, Bias -0.7%, Expanded Uncertainty 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 8	Conductivity	>2000 µS/cm	Quarterly	0.996	mS/cm	TM120	20/02/2018 at 14.30	Lab: precision 0.7%, Bias 3%, Expanded Uncertainty 4.4%. Sampling Immeasurable
SW 8	Lead (diss.filt)	>0.25 mg/l	Quarterly	<0.2	µg/l	TM152	20/02/2018 at 14.30	Lab: precision 4.1%, Bias 0.3%, Expanded Uncertainty 8.5%. Sampling Immeasurable
SW 8	Nickel (diss.filt)	>0.1 mg/l	Quarterly	2.64	µg/l	TM152	20/02/2018 at 14.30	Lab: precision 4%, Bias -1.1%, Expanded Uncertainty 9%. Sampling Immeasurable
SW 8	EPH Range >C10-C40 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	20/02/2018 at 14.30	Lab: precision 7.7%, Bias -3.8%, Expanded Uncertainty 19.2%. Sampling Immeasurable
SW 8	EPH Range >C10-C20 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	20/02/2018 at 14.30	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 8	EPH Range >C20-C30 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	20/02/2018 at 14.30	Lab: Unknown. Sampling: Immeasurable
SW 8	EPH Range >C30-C40 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	20/02/2018 at 14.30	Lab: Unknown. Sampling: Immeasurable
SW 8	Sulphate	>300 mg/l	Quarterly	257	mg/l	TM184	20/02/2018 at 14.30	Lab: precision 3.5%, Bias 1.3%, Expanded Uncertainty 8.4%. Sampling Immeasurable
SW 8	Chloride	>300 mg/l	Quarterly	83.8	mg/l	TM184	20/02/2018 at 14.30	Lab: precision 3.5%, Bias 3.3%, Expanded Uncertainty 10.2%. Sampling Immeasurable
SW 8	Nitrite as N	>1 mg/l	Quarterly	0.0152	mg/l	TM184	20/02/2018 at 14.30	Lab: precision 2.2%, Bias 1.1%, Expanded Uncertainty 5.5%. Sampling Immeasurable
SW 8	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	0.218	mg/l	TM184	20/02/2018 at 14.30	Lab: precision 1.1%, Bias 2.6%, 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	Nitrate as N	>1 mg/l	Quarterly	0.309	mg/l	TM184	20/02/2018 at 14.30	Lab: precision 2.2%, Bias 1.1%, Expanded Uncertainty 5.5%. Sampling Immeasurable
SW 8	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	0.325	mg/l	TM184	20/02/2018 at 14.30	Lab: precision 2.8%, Bias 3.5%, Expanded Uncertainty 9.2%. Sampling Immeasurable
SW 8	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	9.76	mg/l	TM187	20/02/2018 at 14.30	Lab: Unknown. Sampling: Immeasurable
SW 8	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<0.5	µg/l	TM191	20/02/2018 at 14.30	Lab: precision 5.1%, Bias - 8.7%, Expanded Uncertainty 18.9%. Sampling Immeasurable
SW 8	Zinc (tot.unfilt)	>1 mg/l	Quarterly	9.31	µg/l	TM191	20/02/2018 at 14.30	Lab: precision 5.2%, Bias - 4.7%, Expanded Uncertainty 15%. 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	Calcium (tot.unfilt)	>300 mg/l	Quarterly	157	mg/l	TM228	20/02/2018 at 14.30	Lab: precision 5.3%, Bias - 1.2%, Expanded Uncertainty 11.7%. Sampling Immeasurable
SW 8	pH	6.8 ÷ 8.5	Quarterly	7.76	pH Units	TM256	20/02/2018 at 14.30	Lab: precision 0%, Bias 0.1%, Expanded Uncertainty 0.1%. Sampling Immeasurable
SW 8	GRO>C5-12	>2 mg/l	Quarterly	<50	µg/l	TM245	20/02/2018 at 14.30	Lab: Unknown. Sampling: Immeasurable
SW 8	GRO >C7-C8	>2 mg/l	Quarterly	<10	µg/l	TM245	20/02/2018 at 14.30	Lab: Unknown. Sampling: Immeasurable
SW 8	GRO >C5-C6	>2 mg/l	Quarterly	<10	µg/l	TM245	20/02/2018 at 14.30	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 8	GRO >C6-C7	>2 mg/l	Quarterly	<10	µg/l	TM245	20/02/2018 at 14.30	Lab: Unknown. Sampling: Immeasurable
SW 8	GRO >C8-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	20/02/2018 at 14.30	Lab: Unknown. Sampling: Immeasurable
SW 8	GRO >C10-C12	>2 mg/l	Quarterly	<10	µg/l	TM245	20/02/2018 at 14.30	Lab: Unknown. Sampling: Immeasurable
SW 8	GRO >C5-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	20/02/2018 at 14.30	Lab: Unknown. Sampling: Immeasurable
SW 9	Suspended Solids, Total	>250 mg/l (1 occasion) >100 mg/l (3 consecutive occasions) >60 mg/l (4 consecutive occasions)	Quarterly	8.85	mg/l	TM022	20/02/2018 at 15.00	Lab: precision 1%, Bias -1.4%, Expanded Uncertainty 3.3%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 9	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	3.08	mg/l	TM045	20/02/2018 at 15.00	Lab: precision 6.6%, Bias 6.4%, Expanded Uncertainty 19.5%. Sampling Immeasurable
SW 9	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	0.634	mg/l	TM099	20/02/2018 at 15.00	Lab: precision 2.2%, Bias - 0.7%, Expanded Uncertainty 5%. Sampling Immeasurable
SW 9	Conductivity	>2000 µS/cm	Quarterly	1.22	mS/cm	TM120	20/02/2018 at 15.00	Lab: precision 0.7%, Bias 3%, Expanded Uncertainty 4.4%. Sampling Immeasurable
SW 9	Lead (diss.filt)	>0.25 mg/l	Quarterly	<0.2	µg/l	TM152	20/02/2018 at 15.00	Lab: precision 4.1%, Bias 0.3%, Expanded Uncertainty 8.5%. Sampling Immeasurable
SW 9	Nickel (diss.filt)	>0.1 mg/l	Quarterly	3.75	µg/l	TM152	20/02/2018 at 15.00	Lab: precision 4%, Bias -1.1%, Expanded Uncertainty 9%. Sampling Immeasurable
SW 9	EPH Range >C10-C40 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	20/02/2018 at 15.00	Lab: precision 7.7%, Bias - 3.8%, Expanded Uncertainty 19.2%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 9	EPH Range >C10-C20 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	20/02/2018 at 15.00	Lab: Unknown. Sampling: Immeasurable
SW 9	EPH Range >C20-C30 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	20/02/2018 at 15.00	Lab: Unknown. Sampling: Immeasurable
SW 9	EPH Range >C30-C40 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	20/02/2018 at 15.00	Lab: Unknown. Sampling: Immeasurable
SW 9	Sulphate	>300 mg/l	Quarterly	276	mg/l	TM184	20/02/2018 at 15.00	Lab: precision 3.5%, Bias 1.3%, Expanded Uncertainty 8.4%. Sampling Immeasurable
SW 9	Chloride	>300 mg/l	Quarterly	116	mg/l	TM184	20/02/2018 at 15.00	Lab: precision 3.5%, Bias 3.3%, Expanded Uncertainty 10.2%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 9	Nitrite as N	>1 mg/l	Quarterly	0.024	mg/l	TM184	20/02/2018 at 15.00	Lab: precision 2.2%, Bias 1.1%, Expanded Uncertainty 5.5%. Sampling Immeasurable
SW 9	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	<0.05	mg/l	TM184	20/02/2018 at 15.00	Lab: precision 1.1%, Bias 2.6%, Expanded Uncertainty 4.9%. Sampling Immeasurable
SW 9	Nitrate as N	>1 mg/l	Quarterly	0.34	mg/l	TM184	20/02/2018 at 15.00	Lab: precision 2.2%, Bias 1.1%, Expanded Uncertainty 5.5%. Sampling Immeasurable
SW 9	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	0.364	mg/l	TM184	20/02/2018 at 15.00	Lab: precision 2.8%, Bias 3.5%, Expanded Uncertainty 9.2%. Sampling Immeasurable
SW 9	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	7.63	mg/l	TM187	20/02/2018 at 15.00	Lab: Unknown. Sampling: Immeasurable
SW 9	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<0.5	µg/l	TM191	20/02/2018 at 15.00	Lab: precision 5.1%, Bias - 8.7%, Expanded Uncertainty 18.9%. 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	Zinc (tot.unfilt)	>1 mg/l	Quarterly	9.91	µg/l	TM191	20/02/2018 at 15.00	Lab: precision 5.2%, Bias - 4.7%, Expanded Uncertainty 15%. Sampling Immeasurable
SW 9	Calcium (tot.unfilt)	>300 mg/l	Quarterly	165	mg/l	TM228	20/02/2018 at 15.00	Lab: precision 5.3%, Bias - 1.2%, Expanded Uncertainty 11.7%. Sampling Immeasurable
SW 9	pH	6.8 i 8.5	Quarterly	7.91	pH Units	TM256	20/02/2018 at 15.00	Lab: precision 0%, Bias 0.1%, Expanded Uncertainty 0.1%. Sampling Immeasurable
SW 9	GRO>C5-12	>2 mg/l	Quarterly	<50	µg/l	TM245	20/02/2018 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 9	GRO >C7-C8	>2 mg/l	Quarterly	<10	µg/l	TM245	20/02/2018 at 15.00	Lab: Unknown. Sampling: Immeasurable
SW 9	GRO >C5-C6	>2 mg/l	Quarterly	<10	µg/l	TM245	20/02/2018 at 15.00	Lab: Unknown. Sampling: Immeasurable
SW 9	GRO >C6-C7	>2 mg/l	Quarterly	<10	µg/l	TM245	20/02/2018 at 15.00	Lab: Unknown. Sampling: Immeasurable
SW 9	GRO >C8-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	20/02/2018 at 15.00	Lab: Unknown. Sampling: Immeasurable
SW 9	GRO >C10-C12	>2 mg/l	Quarterly	<10	µg/l	TM245	20/02/2018 at 15.00	Lab: Unknown. Sampling: Immeasurable
SW 9	GRO >C5-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	20/02/2018 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 10	Suspended Solids, Total	>250 mg/l (1 occasion) >100 mg/l (3 consecutive occasions) >60 mg/l (4 consecutive occasions)	Quarterly	27.1	mg/l	TM022	20/02/2018 at 10.00	Lab: precision 1%, Bias -1.4%, Expanded Uncertainty 3.3%. Sampling Immeasurable
SW 10	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	10.9	mg/l	TM045	20/02/2018 at 10.00	Lab: precision 6.6%, Bias 6.4%, Expanded Uncertainty 19.5%. Sampling Immeasurable
SW 10	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	3.7	mg/l	TM099	20/02/2018 at 10.00	Lab: precision 2.2%, Bias -0.7%, Expanded Uncertainty 5%. Sampling Immeasurable
SW 10	Conductivity	>2000 µS/cm	Quarterly	1.1	mS/cm	TM120	20/02/2018 at 10.00	Lab: precision 0.7%, Bias 3%, Expanded Uncertainty 4.4%. Sampling Immeasurable
SW 10	Lead (diss.filt)	>0.25 mg/l	Quarterly	0.705	µg/l	TM152	20/02/2018 at 10.00	Lab: precision 4.1%, Bias 0.3%, Expanded Uncertainty 8.5%. 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	Nickel (diss.filt)	>0.1 mg/l	Quarterly	6.12	µg/l	TM152	20/02/2018 at 10.00	Lab: precision 4%, Bias -1.1%, Expanded Uncertainty 9%. Sampling Immeasurable
SW 10	EPH Range >C10-C40 (aq)	>2 mg/l	Quarterly	397	µg/l	TM172	20/02/2018 at 10.00	Lab: precision 7.7%, Bias -3.8%, Expanded Uncertainty 19.2%. Sampling Immeasurable
SW 10	EPH Range >C10-C20 (aq)	>2 mg/l	Quarterly	117	µg/l	TM172	20/02/2018 at 10.00	Lab: Unknown. Sampling: Immeasurable
SW 10	EPH Range >C20-C30 (aq)	>2 mg/l	Quarterly	166	µg/l	TM172	20/02/2018 at 10.00	Lab: Unknown. Sampling: Immeasurable
SW 10	EPH Range >C30-C40 (aq)	>2 mg/l	Quarterly	113	µg/l	TM172	20/02/2018 at 10.00	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 10	Sulphate	>300 mg/l	Quarterly	278	mg/l	TM184	20/02/2018 at 10.00	Lab: precision 3.5%, Bias 1.3%, Expanded Uncertainty 8.4%. Sampling Immeasurable
SW 10	Chloride	>300 mg/l	Quarterly	108	mg/l	TM184	20/02/2018 at 10.00	Lab: precision 3.5%, Bias 3.3%, Expanded Uncertainty 10.2%. Sampling Immeasurable
SW 10	Nitrite as N	>1 mg/l	Quarterly	<0.0152	8 mg/l	TM184	20/02/2018 at 10.00	Lab: precision 2.2%, Bias 1.1%, Expanded Uncertainty 5.5%. Sampling Immeasurable
SW 10	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	0.053	5 mg/l	TM184	20/02/2018 at 10.00	Lab: precision 1.1%, Bias 2.6%, Expanded Uncertainty 4.9%. Sampling Immeasurable
SW 10	Nitrate as N	>1 mg/l	Quarterly	<0.0677	mg/l	TM184	20/02/2018 at 10.00	Lab: precision 2.2%, Bias 1.1%, Expanded Uncertainty 5.5%. Sampling Immeasurable
SW 10	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	<0.1	mg/l	TM184	20/02/2018 at 10.00	Lab: precision 2.8%, Bias 3.5%, 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 10	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	3.57	mg/l	TM187	20/02/2018 at 10.00	Lab: Unknown. Sampling: Immeasurable
SW 10	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<0.5	µg/l	TM191	20/02/2018 at 10.00	Lab: precision 5.1%, Bias - 8.7%, Expanded Uncertainty 18.9%. Sampling Immeasurable
SW 10	Zinc (tot.unfilt)	>1 mg/l	Quarterly	35.7	µg/l	TM191	20/02/2018 at 10.00	Lab: precision 5.2%, Bias - 4.7%, Expanded Uncertainty 15%. Sampling Immeasurable
SW 10	Calcium (tot.unfilt)	>300 mg/l	Quarterly	147	mg/l	TM228	20/02/2018 at 10.00	Lab: precision 5.3%, Bias - 1.2%, Expanded Uncertainty 11.7%. Sampling Immeasurable
SW 10	pH	6.8 ÷ 8.5	Quarterly	7.69	pH Units	TM256	20/02/2018 at 10.00	Lab: precision 0%, Bias 0.1%, Expanded Uncertainty 0.1%. 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>C5-12	>2 mg/l	Quarterly	<50	µg/l	TM245	20/02/2018 at 10.00	Lab: Unknown. Sampling: Immeasurable
SW 10	GRO >C7-C8	>2 mg/l	Quarterly	<10	µg/l	TM245	20/02/2018 at 10.00	Lab: Unknown. Sampling: Immeasurable
SW 10	GRO >C5-C6	>2 mg/l	Quarterly	<10	µg/l	TM245	20/02/2018 at 10.00	Lab: Unknown. Sampling: Immeasurable
SW 10	GRO >C6-C7	>2 mg/l	Quarterly	<10	µg/l	TM245	20/02/2018 at 10.00	Lab: Unknown. Sampling: Immeasurable
SW 10	GRO >C8-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	20/02/2018 at 10.00	Lab: Unknown. Sampling: Immeasurable
SW 10	GRO >C10-C12	>2 mg/l	Quarterly	<10	µg/l	TM245	20/02/2018 at 10.00	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 10	GRO >C5-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	20/02/2018 at 10.00	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	5.5	mg/l	TM022	20/02/2018 at 10.15	Lab: precision 1%, Bias -1.4%, Expanded Uncertainty 3.3%. Sampling Immeasurable
SW 11	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	5.02	mg/l	TM045	20/02/2018 at 10.15	Lab: precision 6.6%, Bias 6.4%, Expanded Uncertainty 19.5%. Sampling Immeasurable
SW 11	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	7.37	mg/l	TM099	20/02/2018 at 10.15	Lab: precision 2.2%, Bias -0.7%, Expanded Uncertainty 5%. Sampling Immeasurable
SW 11	Conductivity	>2000 µS/cm	Quarterly	1.17	mS/cm	TM120	20/02/2018 at 10.15	Lab: precision 0.7%, Bias 3%, Expanded Uncertainty 4.4%. 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	0.584	µg/l	TM152	20/02/2018 at 10.15	Lab: precision 4.1%, Bias 0.3%, Expanded Uncertainty 8.5%. Sampling Immeasurable
SW 11	Nickel (diss.filt)	>0.1 mg/l	Quarterly	7.24	µg/l	TM152	20/02/2018 at 10.15	Lab: precision 4%, Bias -1.1%, Expanded Uncertainty 9%. Sampling Immeasurable
SW 11	EPH Range >C10-C40 (aq)	>2 mg/l	Quarterly	278	µg/l	TM172	20/02/2018 at 10.15	Lab: precision 7.7%, Bias -3.8%, Expanded Uncertainty 19.2%. Sampling Immeasurable
SW 11	EPH Range >C10-C20 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	20/02/2018 at 10.15	Lab: Unknown. Sampling: Immeasurable
SW 11	EPH Range >C20-C30 (aq)	>2 mg/l	Quarterly	124	µg/l	TM172	20/02/2018 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 11	EPH Range >C30-C40 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	20/02/2018 at 10.15	Lab: Unknown. Sampling: Immeasurable
SW 11	Sulphate	>300 mg/l	Quarterly	302	mg/l	TM184	20/02/2018 at 10.15	Lab: precision 3.5%, Bias 1.3%, Expanded Uncertainty 8.4%. Sampling Immeasurable
SW 11	Chloride	>300 mg/l	Quarterly	115	mg/l	TM184	20/02/2018 at 10.15	Lab: precision 3.5%, Bias 3.3%, Expanded Uncertainty 10.2%. Sampling Immeasurable
SW 11	Nitrite as N	>1 mg/l	Quarterly	0.0259	mg/l	TM184	20/02/2018 at 10.15	Lab: precision 2.2%, Bias 1.1%, Expanded Uncertainty 5.5%. Sampling Immeasurable
SW 11	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	0.086	mg/l	TM184	20/02/2018 at 10.15	Lab: precision 1.1%, Bias 2.6%, Expanded Uncertainty 4.9%. Sampling Immeasurable
SW 11	Nitrate as N	>1 mg/l	Quarterly	0.208	mg/l	TM184	20/02/2018 at 10.15	Lab: precision 2.2%, Bias 1.1%, Expanded Uncertainty 5.5%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 11	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	0.234	mg/l	TM184	20/02/2018 at 10.15	Lab: precision 2.8%, Bias 3.5%, Expanded Uncertainty 9.2%. Sampling Immeasurable
SW 11	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	7.87	mg/l	TM187	20/02/2018 at 10.15	Lab: Unknown. Sampling: Immeasurable
SW 11	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<0.5	µg/l	TM191	20/02/2018 at 10.15	Lab: precision 5.1%, Bias - 8.7%, Expanded Uncertainty 18.9%. Sampling Immeasurable
SW 11	Zinc (tot.unfilt)	>1 mg/l	Quarterly	32.9	µg/l	TM191	20/02/2018 at 10.15	Lab: precision 5.2%, Bias - 4.7%, Expanded Uncertainty 15%. Sampling Immeasurable
SW 11	Calcium (tot.unfilt)	>300 mg/l	Quarterly	161	mg/l	TM228	20/02/2018 at 10.15	Lab: precision 5.3%, Bias - 1.2%, Expanded Uncertainty 11.7%. 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	pH	6.8 i 8.5	Quarterly	7.65	pH Units	TM256	20/02/2018 at 10.15	Lab: precision 0%, Bias 0.1%, Expanded Uncertainty 0.1%. Sampling Immeasurable
SW 11	GRO>C5-12	>2 mg/l	Quarterly	<50	µg/l	TM245	20/02/2018 at 10.15	Lab: Unknown. Sampling: Immeasurable
SW 11	GRO >C7-C8	>2 mg/l	Quarterly	<10	µg/l	TM245	20/02/2018 at 10.15	Lab: Unknown. Sampling: Immeasurable
SW 11	GRO >C5-C6	>2 mg/l	Quarterly	<10	µg/l	TM245	20/02/2018 at 10.15	Lab: Unknown. Sampling: Immeasurable
SW 11	GRO >C6-C7	>2 mg/l	Quarterly	<10	µg/l	TM245	20/02/2018 at 10.15	Lab: Unknown. Sampling: Immeasurable
SW 11	GRO >C8-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	20/02/2018 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 11	GRO >C10-C12	>2 mg/l	Quarterly	<10	µg/l	TM245	20/02/2018 at 10.15	Lab: Unknown. Sampling: Immeasurable
SW 11	GRO >C5-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	20/02/2018 at 10.15	Lab: Unknown. Sampling: Immeasurable
SW 12	Suspended Solids, Total	>250 mg/l (1 occasion) >100 mg/l (3 consecutive occasions) >60 mg/l (4 consecutive occasions)	Quarterly	3.85	mg/l	TM022	20/02/2018 at 10.25	Lab: precision 1%, Bias -1.4%, Expanded Uncertainty 3.3%. Sampling Immeasurable
SW 12	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	<1	mg/l	TM045	20/02/2018 at 10.25	Lab: precision 6.6%, Bias 6.4%, Expanded Uncertainty 19.5%. Sampling Immeasurable
SW 12	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	0.0718	mg/l	TM099	20/02/2018 at 10.25	Lab: precision 2.2%, Bias -0.7%, Expanded Uncertainty 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	Conductivity	>2000 µS/cm	Quarterly	0.656	mS/cm	TM120	20/02/2018 at 10.25	Lab: precision 0.7%, Bias 3%, Expanded Uncertainty 4.4%. Sampling Immeasurable
SW 12	Lead (diss.filt)	>0.25 mg/l	Quarterly	<0.2	µg/l	TM152	20/02/2018 at 10.25	Lab: precision 4.1%, Bias 0.3%, Expanded Uncertainty 8.5%. Sampling Immeasurable
SW 12	Nickel (diss.filt)	>0.1 mg/l	Quarterly	1.56	µg/l	TM152	20/02/2018 at 10.25	Lab: precision 4%, Bias -1.1%, Expanded Uncertainty 9%. Sampling Immeasurable
SW 12	EPH Range >C10-C40 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	20/02/2018 at 10.25	Lab: precision 7.7%, Bias -3.8%, Expanded Uncertainty 19.2%. Sampling Immeasurable
SW 12	EPH Range >C10-C20 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	20/02/2018 at 10.25	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 12	EPH Range >C20-C30 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	20/02/2018 at 10.25	Lab: Unknown. Sampling: Immeasurable
SW 12	EPH Range >C30-C40 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	20/02/2018 at 10.25	Lab: Unknown. Sampling: Immeasurable
SW 12	Sulphate	>300 mg/l	Quarterly	57.8	mg/l	TM184	20/02/2018 at 10.25	Lab: precision 3.5%, Bias 1.3%, Expanded Uncertainty 8.4%. Sampling Immeasurable
SW 12	Chloride	>300 mg/l	Quarterly	26.9	mg/l	TM184	20/02/2018 at 10.25	Lab: precision 3.5%, Bias 3.3%, Expanded Uncertainty 10.2%. Sampling Immeasurable
SW 12	Nitrite as N	>1 mg/l	Quarterly	<0.0152	mg/l	TM184	20/02/2018 at 10.25	Lab: precision 2.2%, Bias 1.1%, Expanded Uncertainty 5.5%. Sampling Immeasurable
SW 12	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	0.211	mg/l	TM184	20/02/2018 at 10.25	Lab: precision 1.1%, Bias 2.6%, 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 12	Nitrate as N	>1 mg/l	Quarterly	<0.0677	mg/l	TM184	20/02/2018 at 10.25	Lab: precision 2.2%, Bias 1.1%, Expanded Uncertainty 5.5%. Sampling Immeasurable
SW 12	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	<0.1	mg/l	TM184	20/02/2018 at 10.25	Lab: precision 2.8%, Bias 3.5%, Expanded Uncertainty 9.2%. Sampling Immeasurable
SW 12	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	4.82	mg/l	TM187	20/02/2018 at 10.25	Lab: Unknown. Sampling: Immeasurable
SW 12	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<0.5	µg/l	TM191	20/02/2018 at 10.25	Lab: precision 5.1%, Bias - 8.7%, Expanded Uncertainty 18.9%. Sampling Immeasurable
SW 12	Zinc (tot.unfilt)	>1 mg/l	Quarterly	3.69	µg/l	TM191	20/02/2018 at 10.25	Lab: precision 5.2%, Bias - 4.7%, Expanded Uncertainty 15%. 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	Calcium (tot.unfilt)	>300 mg/l	Quarterly	114	mg/l	TM228	20/02/2018 at 10.25	Lab: precision 5.3%, Bias - 1.2%, Expanded Uncertainty 11.7%. Sampling Immeasurable
SW 12	pH	6.8 ÷ 8.5	Quarterly	7.83	pH Units	TM256	20/02/2018 at 10.25	Lab: precision 0%, Bias 0.1%, Expanded Uncertainty 0.1%. Sampling Immeasurable
SW 12	GRO>C5-12	>2 mg/l	Quarterly	<50	µg/l	TM245	20/02/2018 at 10.25	Lab: Unknown. Sampling: Immeasurable
SW 12	GRO >C7-C8	>2 mg/l	Quarterly	<10	µg/l	TM245	20/02/2018 at 10.25	Lab: Unknown. Sampling: Immeasurable
SW 12	GRO >C5-C6	>2 mg/l	Quarterly	<10	µg/l	TM245	20/02/2018 at 10.25	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 12	GRO >C6-C7	>2 mg/l	Quarterly	<10	µg/l	TM245	20/02/2018 at 10.25	Lab: Unknown. Sampling: Immeasurable
SW 12	GRO >C8-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	20/02/2018 at 10.25	Lab: Unknown. Sampling: Immeasurable
SW 12	GRO >C10-C12	>2 mg/l	Quarterly	<10	µg/l	TM245	20/02/2018 at 10.25	Lab: Unknown. Sampling: Immeasurable
SW 12	GRO >C5-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	20/02/2018 at 10.25	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	17.4	mg/l	TM022	20/02/2018 at 10.40	Lab: precision 1%, Bias -1.4%, Expanded Uncertainty 3.3%. 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	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	4.36	mg/l	TM045	20/02/2018 at 10.40	Lab: precision 6.6%, Bias 6.4%, Expanded Uncertainty 19.5%. Sampling Immeasurable
SW 13	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	0.763	mg/l	TM099	20/02/2018 at 10.40	Lab: precision 2.2%, Bias - 0.7%, Expanded Uncertainty 5%. Sampling Immeasurable
SW 13	Conductivity	>2000 µS/cm	Quarterly	0.895	mS/cm	TM120	20/02/2018 at 10.40	Lab: precision 0.7%, Bias 3%, Expanded Uncertainty 4.4%. Sampling Immeasurable
SW 13	Lead (diss.filt)	>0.25 mg/l	Quarterly	0.499	µg/l	TM152	20/02/2018 at 10.40	Lab: precision 4.1%, Bias 0.3%, Expanded Uncertainty 8.5%. Sampling Immeasurable
SW 13	Nickel (diss.filt)	>0.1 mg/l	Quarterly	2.51	µg/l	TM152	20/02/2018 at 10.40	Lab: precision 4%, Bias -1.1%, Expanded Uncertainty 9%. Sampling Immeasurable
SW 13	EPH Range >C10-C40 (aq)	>2 mg/l	Quarterly	116	µg/l	TM172	20/02/2018 at 10.40	Lab: precision 7.7%, Bias - 3.8%, Expanded Uncertainty 19.2%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 13	EPH Range >C10-C20 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	20/02/2018 at 10.40	Lab: Unknown. Sampling: Immeasurable
SW 13	EPH Range >C20-C30 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	20/02/2018 at 10.40	Lab: Unknown. Sampling: Immeasurable
SW 13	EPH Range >C30-C40 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	20/02/2018 at 10.40	Lab: Unknown. Sampling: Immeasurable
SW 13	Sulphate	>300 mg/l	Quarterly	39.2	mg/l	TM184	20/02/2018 at 10.40	Lab: precision 3.5%, Bias 1.3%, Expanded Uncertainty 8.4%. Sampling Immeasurable
SW 13	Chloride	>300 mg/l	Quarterly	67	mg/l	TM184	20/02/2018 at 10.40	Lab: precision 3.5%, Bias 3.3%, Expanded Uncertainty 10.2%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 13	Nitrite as N	>1 mg/l	Quarterly	<0.0152	mg/l	TM184	20/02/2018 at 10.40	Lab: precision 2.2%, Bias 1.1%, Expanded Uncertainty 5.5%. Sampling Immeasurable
SW 13	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	3.67	mg/l	TM184	20/02/2018 at 10.40	Lab: precision 1.1%, Bias 2.6%, Expanded Uncertainty 4.9%. Sampling Immeasurable
SW 13	Nitrate as N	>1 mg/l	Quarterly	<0.0677	mg/l	TM184	20/02/2018 at 10.40	Lab: precision 2.2%, Bias 1.1%, Expanded Uncertainty 5.5%. Sampling Immeasurable
SW 13	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	<0.1	mg/l	TM184	20/02/2018 at 10.40	Lab: precision 2.8%, Bias 3.5%, Expanded Uncertainty 9.2%. Sampling Immeasurable
SW 13	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	3.52	mg/l	TM187	20/02/2018 at 10.40	Lab: Unknown. Sampling: Immeasurable
SW 13	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<0.5	µg/l	TM191	20/02/2018 at 10.40	Lab: precision 5.1%, Bias - 8.7%, Expanded Uncertainty 18.9%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 13	Zinc (tot.unfilt)	>1 mg/l	Quarterly	20.8	µg/l	TM191	20/02/2018 at 10.40	Lab: precision 5.2%, Bias - 4.7%, Expanded Uncertainty 15%. Sampling Immeasurable
SW 13	Calcium (tot.unfilt)	>300 mg/l	Quarterly	127	mg/l	TM228	20/02/2018 at 10.40	Lab: precision 5.3%, Bias - 1.2%, Expanded Uncertainty 11.7%. Sampling Immeasurable
SW 13	pH	6.8 ÷ 8.5	Quarterly	7.86	pH Units	TM256	20/02/2018 at 10.40	Lab: precision 0%, Bias 0.1%, Expanded Uncertainty 0.1%. Sampling Immeasurable
SW 13	GRO>C5-12	>2 mg/l	Quarterly	<50	µg/l	TM245	20/02/2018 at 10.40	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 13	GRO >C7-C8	>2 mg/l	Quarterly	<10	µg/l	TM245	20/02/2018 at 10.40	Lab: Unknown. Sampling: Immeasurable
SW 13	GRO >C5-C6	>2 mg/l	Quarterly	<10	µg/l	TM245	20/02/2018 at 10.40	Lab: Unknown. Sampling: Immeasurable
SW 13	GRO >C6-C7	>2 mg/l	Quarterly	<10	µg/l	TM245	20/02/2018 at 10.40	Lab: Unknown. Sampling: Immeasurable
SW 13	GRO >C8-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	20/02/2018 at 10.40	Lab: Unknown. Sampling: Immeasurable
SW 13	GRO >C10-C12	>2 mg/l	Quarterly	<10	µg/l	TM245	20/02/2018 at 10.40	Lab: Unknown. Sampling: Immeasurable
SW 13	GRO >C5-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	20/02/2018 at 10.40	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 15	Suspended Solids, Total	>250 mg/l (1 occasion) >100 mg/l (3 consecutive occasions) >60 mg/l (4 consecutive occasions)	Quarterly	14.1	mg/l	TM022	20/02/2018 at 11.05	Lab: precision 1%, Bias -1.4%, Expanded Uncertainty 3.3%. Sampling Immeasurable
SW 15	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	2.86	mg/l	TM045	20/02/2018 at 11.05	Lab: precision 6.6%, Bias 6.4%, Expanded Uncertainty 19.5%. Sampling Immeasurable
SW 15	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	2.47	mg/l	TM099	20/02/2018 at 11.05	Lab: precision 2.2%, Bias -0.7%, Expanded Uncertainty 5%. Sampling Immeasurable
SW 15	Conductivity	>2000 µS/cm	Quarterly	1.73	mS/cm	TM120	20/02/2018 at 11.05	Lab: precision 0.7%, Bias 3%, Expanded Uncertainty 4.4%. Sampling Immeasurable
SW 15	Lead (diss.filt)	>0.25 mg/l	Quarterly	<0.2	µg/l	TM152	20/02/2018 at 11.05	Lab: precision 4.1%, Bias 0.3%, Expanded Uncertainty 8.5%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 15	Nickel (diss.filt)	>0.1 mg/l	Quarterly	2.92	µg/l	TM152	20/02/2018 at 11.05	Lab: precision 4%, Bias -1.1%, Expanded Uncertainty 9%. Sampling Immeasurable
SW 15	EPH Range >C10-C40 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	20/02/2018 at 11.05	Lab: precision 7.7%, Bias -3.8%, Expanded Uncertainty 19.2%. Sampling Immeasurable
SW 15	EPH Range >C10-C20 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	20/02/2018 at 11.05	Lab: Unknown. Sampling: Immeasurable
SW 15	EPH Range >C20-C30 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	20/02/2018 at 11.05	Lab: Unknown. Sampling: Immeasurable
SW 15	EPH Range >C30-C40 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	20/02/2018 at 11.05	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	574	mg/l	TM184	20/02/2018 at 11.05	Lab: precision 3.5%, Bias 1.3%, Expanded Uncertainty 8.4%. Sampling Immeasurable
SW 15	Chloride	>300 mg/l	Quarterly	138	mg/l	TM184	20/02/2018 at 11.05	Lab: precision 3.5%, Bias 3.3%, Expanded Uncertainty 10.2%. Sampling Immeasurable
SW 15	Nitrite as N	>1 mg/l	Quarterly	0.0259	mg/l	TM184	20/02/2018 at 11.05	Lab: precision 2.2%, Bias 1.1%, Expanded Uncertainty 5.5%. Sampling Immeasurable
SW 15	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	0.168	mg/l	TM184	20/02/2018 at 11.05	Lab: precision 1.1%, Bias 2.6%, Expanded Uncertainty 4.9%. Sampling Immeasurable
SW 15	Nitrate as N	>1 mg/l	Quarterly	0.278	mg/l	TM184	20/02/2018 at 11.05	Lab: precision 2.2%, Bias 1.1%, Expanded Uncertainty 5.5%. Sampling Immeasurable
SW 15	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	0.304	mg/l	TM184	20/02/2018 at 11.05	Lab: precision 2.8%, Bias 3.5%, 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	7.2	mg/l	TM187	20/02/2018 at 11.05	Lab: Unknown. Sampling: Immeasurable
SW 15	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<0.5	µg/l	TM191	20/02/2018 at 11.05	Lab: precision 5.1%, Bias - 8.7%, Expanded Uncertainty 18.9%. Sampling Immeasurable
SW 15	Zinc (tot.unfilt)	>1 mg/l	Quarterly	30.4	µg/l	TM191	20/02/2018 at 11.05	Lab: precision 5.2%, Bias - 4.7%, Expanded Uncertainty 15%. Sampling Immeasurable
SW 15	Calcium (tot.unfilt)	>300 mg/l	Quarterly	257	mg/l	TM228	20/02/2018 at 11.05	Lab: precision 5.3%, Bias - 1.2%, Expanded Uncertainty 11.7%. Sampling Immeasurable
SW 15	pH	6.8 ÷ 8.5	Quarterly	7.76	pH Units	TM256	20/02/2018 at 11.05	Lab: precision 0%, Bias 0.1%, Expanded Uncertainty 0.1%. 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>C5-12	>2 mg/l	Quarterly	<50	µg/l	TM245	20/02/2018 at 11.05	Lab: Unknown. Sampling: Immeasurable
SW 15	GRO >C7-C8	>2 mg/l	Quarterly	<10	µg/l	TM245	20/02/2018 at 11.05	Lab: Unknown. Sampling: Immeasurable
SW 15	GRO >C5-C6	>2 mg/l	Quarterly	<10	µg/l	TM245	20/02/2018 at 11.05	Lab: Unknown. Sampling: Immeasurable
SW 15	GRO >C6-C7	>2 mg/l	Quarterly	<10	µg/l	TM245	20/02/2018 at 11.05	Lab: Unknown. Sampling: Immeasurable
SW 15	GRO >C8-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	20/02/2018 at 11.05	Lab: Unknown. Sampling: Immeasurable
SW 15	GRO >C10-C12	>2 mg/l	Quarterly	<10	µg/l	TM245	20/02/2018 at 11.05	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 >C5-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	20/02/2018 at 11.05	Lab: Unknown. Sampling: Immeasurable
SW 16	Suspended Solids, Total	>250 mg/l (1 occasion) >100 mg/l (3 consecutive occasions) >60 mg/l (4 consecutive occasions)	Quarterly	19.4	mg/l	TM022	20/02/2018 at 11.20	Lab: precision 1%, Bias -1.4%, Expanded Uncertainty 3.3%. Sampling Immeasurable
SW 16	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	2.34	mg/l	TM045	20/02/2018 at 11.20	Lab: precision 6.6%, Bias 6.4%, Expanded Uncertainty 19.5%. Sampling Immeasurable
SW 16	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	0.607	mg/l	TM099	20/02/2018 at 11.20	Lab: precision 2.2%, Bias -0.7%, Expanded Uncertainty 5%. Sampling Immeasurable
SW 16	Conductivity	>2000 µS/cm	Quarterly	1.42	mS/cm	TM120	20/02/2018 at 11.20	Lab: precision 0.7%, Bias 3%, Expanded Uncertainty 4.4%. 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	Lead (diss.filt)	>0.25 mg/l	Quarterly	<0.2	µg/l	TM152	20/02/2018 at 11.20	Lab: precision 4.1%, Bias 0.3%, Expanded Uncertainty 8.5%. Sampling Immeasurable
SW 16	Nickel (diss.filt)	>0.1 mg/l	Quarterly	2.12	µg/l	TM152	20/02/2018 at 11.20	Lab: precision 4%, Bias -1.1%, Expanded Uncertainty 9%. Sampling Immeasurable
SW 16	EPH Range >C10-C40 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	20/02/2018 at 11.20	Lab: precision 7.7%, Bias -3.8%, Expanded Uncertainty 19.2%. Sampling Immeasurable
SW 16	EPH Range >C10-C20 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	20/02/2018 at 11.20	Lab: Unknown. Sampling: Immeasurable
SW 16	EPH Range >C20-C30 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	20/02/2018 at 11.20	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 16	EPH Range >C30-C40 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	20/02/2018 at 11.20	Lab: Unknown. Sampling: Immeasurable
SW 16	Sulphate	>300 mg/l	Quarterly	368	mg/l	TM184	20/02/2018 at 11.20	Lab: precision 3.5%, Bias 1.3%, Expanded Uncertainty 8.4%. Sampling Immeasurable
SW 16	Chloride	>300 mg/l	Quarterly	101	mg/l	TM184	20/02/2018 at 11.20	Lab: precision 3.5%, Bias 3.3%, Expanded Uncertainty 10.2%. Sampling Immeasurable
SW 16	Nitrite as N	>1 mg/l	Quarterly	<0.0152	mg/l	TM184	20/02/2018 at 11.20	Lab: precision 2.2%, Bias 1.1%, Expanded Uncertainty 5.5%. Sampling Immeasurable
SW 16	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	0.085	mg/l	TM184	20/02/2018 at 11.20	Lab: precision 1.1%, Bias 2.6%, Expanded Uncertainty 4.9%. Sampling Immeasurable
SW 16	Nitrate as N	>1 mg/l	Quarterly	0.082	mg/l	TM184	20/02/2018 at 11.20	Lab: precision 2.2%, Bias 1.1%, Expanded Uncertainty 5.5%. 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	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	<0.1	mg/l	TM184	20/02/2018 at 11.20	Lab: precision 2.8%, Bias 3.5%, Expanded Uncertainty 9.2%. Sampling Immeasurable
SW 16	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	3.88	mg/l	TM187	20/02/2018 at 11.20	Lab: Unknown. Sampling: Immeasurable
SW 16	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<0.5	µg/l	TM191	20/02/2018 at 11.20	Lab: precision 5.1%, Bias - 8.7%, Expanded Uncertainty 18.9%. Sampling Immeasurable
SW 16	Zinc (tot.unfilt)	>1 mg/l	Quarterly	26.9	µg/l	TM191	20/02/2018 at 11.20	Lab: precision 5.2%, Bias - 4.7%, Expanded Uncertainty 15%. Sampling Immeasurable
SW 16	Calcium (tot.unfilt)	>300 mg/l	Quarterly	256	mg/l	TM228	20/02/2018 at 11.20	Lab: precision 5.3%, Bias - 1.2%, Expanded Uncertainty 11.7%. 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	pH	6.8 i 8.5	Quarterly	7.72	pH Units	TM256	20/02/2018 at 11.20	Lab: precision 0%, Bias 0.1%, Expanded Uncertainty 0.1%. Sampling Immeasurable
SW 16	GRO>C5-12	>2 mg/l	Quarterly	<50	µg/l	TM245	20/02/2018 at 11.20	Lab: Unknown. Sampling: Immeasurable
SW 16	GRO >C7-C8	>2 mg/l	Quarterly	<10	µg/l	TM245	20/02/2018 at 11.20	Lab: Unknown. Sampling: Immeasurable
SW 16	GRO >C5-C6	>2 mg/l	Quarterly	<10	µg/l	TM245	20/02/2018 at 11.20	Lab: Unknown. Sampling: Immeasurable
SW 16	GRO >C6-C7	>2 mg/l	Quarterly	<10	µg/l	TM245	20/02/2018 at 11.20	Lab: Unknown. Sampling: Immeasurable
SW 16	GRO >C8-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	20/02/2018 at 11.20	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 16	GRO >C10-C12	>2 mg/l	Quarterly	<10	µg/l	TM245	20/02/2018 at 11.20	Lab: Unknown. Sampling: Immeasurable
SW 16	GRO >C5-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	20/02/2018 at 11.20	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	598	mg/l	TM022	20/02/2018 at 11.35	Lab: precision 1%, Bias -1.4%, Expanded Uncertainty 3.3%. Sampling Immeasurable
SW 17	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	16.3	mg/l	TM045	20/02/2018 at 11.35	Lab: precision 6.6%, Bias 6.4%, Expanded Uncertainty 19.5%. Sampling Immeasurable
SW 17	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	1.37	mg/l	TM099	20/02/2018 at 11.35	Lab: precision 2.2%, Bias -0.7%, Expanded Uncertainty 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	Conductivity	>2000 µS/cm	Quarterly	1.54	mS/cm	TM120	20/02/2018 at 11.35	Lab: precision 0.7%, Bias 3%, Expanded Uncertainty 4.4%. Sampling Immeasurable
SW 17	Lead (diss.filt)	>0.25 mg/l	Quarterly	<0.2	µg/l	TM152	20/02/2018 at 11.35	Lab: precision 4.1%, Bias 0.3%, Expanded Uncertainty 8.5%. Sampling Immeasurable
SW 17	Nickel (diss.filt)	>0.1 mg/l	Quarterly	2.92	µg/l	TM152	20/02/2018 at 11.35	Lab: precision 4%, Bias -1.1%, Expanded Uncertainty 9%. Sampling Immeasurable
SW 17	EPH Range >C10-C40 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	20/02/2018 at 11.35	Lab: precision 7.7%, Bias -3.8%, Expanded Uncertainty 19.2%. Sampling Immeasurable
SW 17	EPH Range >C10-C20 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	20/02/2018 at 11.35	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	20/02/2018 at 11.35	Lab: Unknown. Sampling: Immeasurable
SW 17	EPH Range >C30-C40 (aq)	>2 mg/l	Quarterly	<100	µg/l	TM172	20/02/2018 at 11.35	Lab: Unknown. Sampling: Immeasurable
SW 17	Sulphate	>300 mg/l	Quarterly	470	mg/l	TM184	20/02/2018 at 11.35	Lab: precision 3.5%, Bias 1.3%, Expanded Uncertainty 8.4%. Sampling Immeasurable
SW 17	Chloride	>300 mg/l	Quarterly	114	mg/l	TM184	20/02/2018 at 11.35	Lab: precision 3.5%, Bias 3.3%, Expanded Uncertainty 10.2%. Sampling Immeasurable
SW 17	Nitrite as N	>1 mg/l	Quarterly	0.0237	mg/l	TM184	20/02/2018 at 11.35	Lab: precision 2.2%, Bias 1.1%, Expanded Uncertainty 5.5%. Sampling Immeasurable
SW 17	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	<0.05	mg/l	TM184	20/02/2018 at 11.35	Lab: precision 1.1%, Bias 2.6%, 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 17	Nitrate as N	>1 mg/l	Quarterly	0.233	mg/l	TM184	20/02/2018 at 11.35	Lab: precision 2.2%, Bias 1.1%, Expanded Uncertainty 5.5%. Sampling Immeasurable
SW 17	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	0.257	mg/l	TM184	20/02/2018 at 11.35	Lab: precision 2.8%, Bias 3.5%, Expanded Uncertainty 9.2%. Sampling Immeasurable
SW 17	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	7	mg/l	TM187	20/02/2018 at 11.35	Lab: Unknown. Sampling: Immeasurable
SW 17	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<0.5	µg/l	TM191	20/02/2018 at 11.35	Lab: precision 5.1%, Bias - 8.7%, Expanded Uncertainty 18.9%. Sampling Immeasurable
SW 17	Zinc (tot.unfilt)	>1 mg/l	Quarterly	9.49	µg/l	TM191	20/02/2018 at 11.35	Lab: precision 5.2%, Bias - 4.7%, Expanded Uncertainty 15%. 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	Calcium (tot.unfilt)	>300 mg/l	Quarterly	272	mg/l	TM228	20/02/2018 at 11.35	Lab: precision 5.3%, Bias - 1.2%, Expanded Uncertainty 11.7%. Sampling Immeasurable
SW 17	pH	6.8 ÷ 8.5	Quarterly	7.5	pH Units	TM256	20/02/2018 at 11.35	Lab: precision 0%, Bias 0.1%, Expanded Uncertainty 0.1%. Sampling Immeasurable
SW 17	GRO>C5-12	>2 mg/l	Quarterly	<50	µg/l	TM245	20/02/2018 at 11.35	Lab: Unknown. Sampling: Immeasurable
SW 17	GRO >C7-C8	>2 mg/l	Quarterly	<10	µg/l	TM245	20/02/2018 at 11.35	Lab: Unknown. Sampling: Immeasurable
SW 17	GRO >C5-C6	>2 mg/l	Quarterly	<10	µg/l	TM245	20/02/2018 at 11.35	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 >C6-C7	>2 mg/l	Quarterly	<10	µg/l	TM245	20/02/2018 at 11.35	Lab: Unknown. Sampling: Immeasurable
SW 17	GRO >C8-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	20/02/2018 at 11.35	Lab: Unknown. Sampling: Immeasurable
SW 17	GRO >C10-C12	>2 mg/l	Quarterly	<10	µg/l	TM245	20/02/2018 at 11.35	Lab: Unknown. Sampling: Immeasurable
SW 17	GRO >C5-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	20/02/2018 at 11.35	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 é é é é é é é é é é é é é é é é

Date: March 2018

(Authorised to sign as representative of Operator)

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