

Permit Number: EPR/PP3993VS

Operator: Atlantic Recycling

Facility: Atlantic Recycling

Form Number: Surfacewater1

Reporting of surface water monitoring for quarterly monitoring in August 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	47.2	mg/l	TM022	21/08/2017 at 14.30	Lab: Precision 1.1%, Bias - 0.9%, Expanded Uncertainty 3%. Sampling: Immeasurable
Outfall	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	3	mg/l	TM045	21/08/2017 at 14.30	Lab: Precision 11.5%, Bias - 2.5%, Expanded Uncertainty 25.4%. Sampling: Immeasurable
Outfall	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	0.244	mg/l	TM099	21/08/2017 at 14.30	Lab: Precision 2.4%, Bias -1%, Expanded Uncertainty 5.8%. Sampling: Immeasurable
Outfall	Conductivity	>2000 µS/cm	Quarterly	0.998	mS/cm	TM120	21/08/2017 at 14.30	Lab: Precision 1.3%, Bias 2.8%, Expanded Uncertainty 5.4%. 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	<0.2	µg/l	TM152	21/08/2017 at 14.30	Lab: Precision 3.2%, Bias 0.5%, Expanded Uncertainty 6.9%. Sampling: Immeasurable
Outfall	Nickel (diss.filt)	>0.1 mg/l	Quarterly	3.31	µg/l	TM152	21/08/2017 at 14.30	Lab: Precision %, Bias %, Expanded Uncertainty %. Sampling: Immeasurable
Outfall	EPH Range >C10-C40 (aq)	>2 mg/l	Quarterly	376	µg/l	TM172	21/08/2017 at 14.30	Lab: Precision 5.9%, Bias - 7.8%, Expanded Uncertainty 19.5%. Sampling: Immeasurable
Outfall	EPH Range >C10-C20 (aq)	>2 mg/l	Quarterly	92.8	µg/l	TM172	21/08/2017 at 14.30	Lab: Unknown. Sampling: Immeasurable
Outfall	EPH Range >C20-C30 (aq)	>2 mg/l	Quarterly	241	µg/l	TM172	21/08/2017 at 14.30	Lab: Unknown. Sampling: Immeasurable
Outfall	EPH Range >C30-C40 (aq)	>2 mg/l	Quarterly	42.1	µg/l	TM172	21/08/2017 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⁾
Outfall	Sulphate	>300 mg/l	Quarterly	290	mg/l	TM184	21/08/2017 at 14.30	Lab: Precision 1.9%, Bias 5.3%, Expanded Uncertainty 9.2%. Sampling: Immeasurable
Outfall	Chloride	>300 mg/l	Quarterly	85.7	mg/l	TM184	21/08/2017 at 14.30	Lab: Precision 1.4%, Bias 7.5%, Expanded Uncertainty 10.2%. Sampling: Immeasurable
Outfall	Nitrite as N	>1 mg/l	Quarterly	0.018	mg/l	TM184	21/08/2017 at 14.30	Lab: Precision 2.2%, Bias - 0.2%, Expanded Uncertainty 4.6%. Sampling: Immeasurable
Outfall	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	0.192	mg/l	TM184	21/08/2017 at 14.30	Lab: Precision 1%, Bias 2.2%, Expanded Uncertainty 4.2%. Sampling: Immeasurable
Outfall	Nitrate as N	>1 mg/l	Quarterly	0.274	mg/l	TM184	21/08/2017 at 14.30	Lab: Unknown. Sampling: Immeasurable
Outfall	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	0.292	mg/l	TM184	21/08/2017 at 14.30	Lab: Precision 1.7%, Bias 6.7%, Expanded Uncertainty 10.1%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
Outfall	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	5.22	mg/l	TM187	21/08/2017 at 14.30	Lab: Unknown. Sampling: Immeasurable
Outfall	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<0.5	µg/l	TM191	21/08/2017 at 14.30	Lab: Precision 4.7%, Bias - 7.5%, Expanded Uncertainty 17%. Sampling: Immeasurable
Outfall	Zinc (tot.unfilt)	>1 mg/l	Quarterly	19.3	µg/l	TM191	21/08/2017 at 14.30	Lab: Precision 4.6%, Bias - 8.9%, Expanded Uncertainty 18.2%. Sampling: Immeasurable
Outfall	Calcium (tot.unfilt)	>300 mg/l	Quarterly	137	mg/l	TM228	21/08/2017 at 14.30	Lab: Precision 4.3%, Bias - 1.8%, Expanded Uncertainty 10.4%. Sampling: Immeasurable
Outfall	pH	6.8 ñ 8.5	Quarterly	7.75	pH Units	TM256	21/08/2017 at 14.30	Lab: Precision 0%, Bias 0.1%, Expanded Uncertainty 0.1%. Sampling: Immeasurable
Outfall	GRO >C5-C12	>2 mg/l	Quarterly	<50	µg/l	TM245	21/08/2017 at 14.30	Lab: Precision 6.9%, Bias -5%, Expanded Uncertainty 18.8%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
Outfall	GRO >C7-C8	>2 mg/l	Quarterly	<10	µg/l	TM245	21/08/2017 at 14.30	Lab: Unknown. Sampling: Immeasurable
Outfall	GRO >C5-C6	>2 mg/l	Quarterly	<10	µg/l	TM245	21/08/2017 at 14.30	Lab: Unknown. Sampling: Immeasurable
Outfall	GRO >C6-C7	>2 mg/l	Quarterly	<10	µg/l	TM245	21/08/2017 at 14.30	Lab: Unknown. Sampling: Immeasurable
Outfall	GRO >C8-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	21/08/2017 at 14.30	Lab: Unknown. Sampling: Immeasurable
Outfall	GRO >C10-C12	>2 mg/l	Quarterly	<10	µg/l	TM245	21/08/2017 at 14.30	Lab: Unknown. Sampling: Immeasurable
Outfall	GRO >C5-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	21/08/2017 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 4	Suspended Solids, Total	>250 mg/l (1 occasion) >100 mg/l (3 consecutive occasions) >60 mg/l (4 consecutive occasions)	Quarterly	213	mg/l	TM022	21/08/2017 at 12.15	Lab: Precision 1.1%, Bias - 0.9%, Expanded Uncertainty 3%. Sampling: Immeasurable
SW 4	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	<1	mg/l	TM045	21/08/2017 at 12.15	Lab: Precision 11.5%, Bias - 2.5%, Expanded Uncertainty 25.4%. Sampling: Immeasurable
SW 4	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	0.199	mg/l	TM099	21/08/2017 at 12.15	Lab: Precision 2.4%, Bias -1%, Expanded Uncertainty 5.8%. Sampling: Immeasurable
SW 4	Conductivity	>2000 µS/cm	Quarterly	0.332	mS/cm	TM120	21/08/2017 at 12.15	Lab: Precision 1.3%, Bias 2.8%, Expanded Uncertainty 5.4%. Sampling: Immeasurable
SW 4	Lead (diss.filt)	>0.25 mg/l	Quarterly	<0.2	µg/l	TM152	21/08/2017 at 12.15	Lab: Precision 3.2%, Bias 0.5%, Expanded Uncertainty 6.9%. 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	Nickel (diss.filt)	>0.1 mg/l	Quarterly	0.698	µg/l	TM152	21/08/2017 at 12.15	Lab: Precision %, Bias %, Expanded Uncertainty %. Sampling: Immeasurable
SW 4	EPH Range >C10-C40 (aq)	>2 mg/l	Quarterly	<46	µg/l	TM172	21/08/2017 at 12.15	Lab: Precision 5.9%, Bias - 7.8%, Expanded Uncertainty 19.5%. Sampling: Immeasurable
SW 4	EPH Range >C10-C20 (aq)	>2 mg/l	Quarterly	<10	µg/l	TM172	21/08/2017 at 12.15	Lab: Unknown. Sampling: Immeasurable
SW 4	EPH Range >C20-C30 (aq)	>2 mg/l	Quarterly	<10	µg/l	TM172	21/08/2017 at 12.15	Lab: Unknown. Sampling: Immeasurable
SW 4	EPH Range >C30-C40 (aq)	>2 mg/l	Quarterly	<10	µg/l	TM172	21/08/2017 at 12.15	Lab: Unknown. Sampling: Immeasurable
SW 4	Sulphate	>300 mg/l	Quarterly	16.8	mg/l	TM184	21/08/2017 at 12.15	Lab: Precision 1.9%, Bias 5.3%, 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 4	Chloride	>300 mg/l	Quarterly	22.2	mg/l	TM184	21/08/2017 at 12.15	Lab: Precision 1.4%, Bias 7.5%, Expanded Uncertainty 10.2%. Sampling: Immeasurable
SW 4	Nitrite as N	>1 mg/l	Quarterly	<0.0152	mg/l	TM184	21/08/2017 at 12.15	Lab: Precision 2.2%, Bias - 0.2%, Expanded Uncertainty 4.6%. Sampling: Immeasurable
SW 4	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	0.356	mg/l	TM184	21/08/2017 at 12.15	Lab: Precision 1%, Bias 2.2%, Expanded Uncertainty 4.2%. Sampling: Immeasurable
SW 4	Nitrate as N	>1 mg/l	Quarterly	<0.0677	mg/l	TM184	21/08/2017 at 12.15	Lab: Unknown. Sampling: Immeasurable
SW 4	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	<0.1	mg/l	TM184	21/08/2017 at 12.15	Lab: Precision 1.7%, Bias 6.7%, Expanded Uncertainty 10.1%. Sampling: Immeasurable
SW 4	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	1.95	mg/l	TM187	21/08/2017 at 12.15	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 4	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<0.5	µg/l	TM191	21/08/2017 at 12.15	Lab: Precision 4.7%, Bias - 7.5%, Expanded Uncertainty 17%. Sampling: Immeasurable
SW 4	Zinc (tot.unfilt)	>1 mg/l	Quarterly	9.45	µg/l	TM191	21/08/2017 at 12.15	Lab: Precision 4.6%, Bias - 8.9%, Expanded Uncertainty 18.2%. Sampling: Immeasurable
SW 4	Calcium (tot.unfilt)	>300 mg/l	Quarterly	41.2	mg/l	TM228	21/08/2017 at 12.15	Lab: Precision 4.3%, Bias - 1.8%, Expanded Uncertainty 10.4%. Sampling: Immeasurable
SW 4	pH	6.8 ñ 8.5	Quarterly	7.38	pH Units	TM256	21/08/2017 at 12.15	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	21/08/2017 at 12.15	Lab: Precision 6.9%, Bias -5%, Expanded Uncertainty 18.8%. Sampling: Immeasurable
SW 4	GRO >C7-C8	>2 mg/l	Quarterly	<10	µg/l	TM245	21/08/2017 at 12.15	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 4	GRO >C5-C6	>2 mg/l	Quarterly	<10	µg/l	TM245	21/08/2017 at 12.15	Lab: Unknown. Sampling: Immeasurable
SW 4	GRO >C6-C7	>2 mg/l	Quarterly	<10	µg/l	TM245	21/08/2017 at 12.15	Lab: Unknown. Sampling: Immeasurable
SW 4	GRO >C8-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	21/08/2017 at 12.15	Lab: Unknown. Sampling: Immeasurable
SW 4	GRO >C10-C12	>2 mg/l	Quarterly	<10	µg/l	TM245	21/08/2017 at 12.15	Lab: Unknown. Sampling: Immeasurable
SW 4	GRO >C5-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	21/08/2017 at 12.15	Lab: Unknown. Sampling: Immeasurable
SW 5	Suspended Solids, Total	>250 mg/l (1 occasion) >100 mg/l (3 consecutive occasions) >60 mg/l (4	Quarterly	16.7	mg/l	TM022	21/08/2017 at 12.30	Lab: Precision 1.1%, Bias - 0.9%, Expanded Uncertainty 3%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
		consecutive occasions)						
SW 5	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	4.88	mg/l	TM045	21/08/2017 at 12.30	Lab: Precision 11.5%, Bias -2.5%, Expanded Uncertainty 25.4%. Sampling: Immeasurable
SW 5	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	0.116	mg/l	TM099	21/08/2017 at 12.30	Lab: Precision 2.4%, Bias -1%, Expanded Uncertainty 5.8%. Sampling: Immeasurable
SW 5	Conductivity	>2000 µS/cm	Quarterly	0.595	mS/cm	TM120	21/08/2017 at 12.30	Lab: Precision 1.3%, Bias 2.8%, Expanded Uncertainty 5.4%. Sampling: Immeasurable
SW 5	Lead (diss.filt)	>0.25 mg/l	Quarterly	<0.2	µg/l	TM152	21/08/2017 at 12.30	Lab: Precision 3.2%, Bias 0.5%, Expanded Uncertainty 6.9%. Sampling: Immeasurable
SW 5	Nickel (diss.filt)	>0.1 mg/l	Quarterly	1.08	µg/l	TM152	21/08/2017 at 12.30	Lab: Precision %, Bias %, Expanded Uncertainty %. 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-C40 (aq)	>2 mg/l	Quarterly	420	µg/l	TM172	21/08/2017 at 12.30	Lab: Precision 5.9%, Bias - 7.8%, Expanded Uncertainty 19.5%. Sampling: Immeasurable
SW 5	EPH Range >C10-C20 (aq)	>2 mg/l	Quarterly	76.7	µg/l	TM172	21/08/2017 at 12.30	Lab: Unknown. Sampling: Immeasurable
SW 5	EPH Range >C20-C30 (aq)	>2 mg/l	Quarterly	222	µg/l	TM172	21/08/2017 at 12.30	Lab: Unknown. Sampling: Immeasurable
SW 5	EPH Range >C30-C40 (aq)	>2 mg/l	Quarterly	121	µg/l	TM172	21/08/2017 at 12.30	Lab: Unknown. Sampling: Immeasurable
SW 5	Sulphate	>300 mg/l	Quarterly	71.8	mg/l	TM184	21/08/2017 at 12.30	Lab: Precision 1.9%, Bias 5.3%, Expanded Uncertainty 9.2%. Sampling: Immeasurable
SW 5	Chloride	>300 mg/l	Quarterly	40.3	mg/l	TM184	21/08/2017 at 12.30	Lab: Precision 1.4%, Bias 7.5%, 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	<0.0152	mg/l	TM184	21/08/2017 at 12.30	Lab: Precision 2.2%, Bias - 0.2%, Expanded Uncertainty 4.6%. Sampling: Immeasurable
SW 5	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	0.378	mg/l	TM184	21/08/2017 at 12.30	Lab: Precision 1%, Bias 2.2%, Expanded Uncertainty 4.2%. Sampling: Immeasurable
SW 5	Nitrate as N	>1 mg/l	Quarterly	<0.0677	mg/l	TM184	21/08/2017 at 12.30	Lab: Unknown. Sampling: Immeasurable
SW 5	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	<0.1	mg/l	TM184	21/08/2017 at 12.30	Lab: Precision 1.7%, Bias 6.7%, Expanded Uncertainty 10.1%. Sampling: Immeasurable
SW 5	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	1.45	mg/l	TM187	21/08/2017 at 12.30	Lab: Unknown. Sampling: Immeasurable
SW 5	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<0.5	µg/l	TM191	21/08/2017 at 12.30	Lab: Precision 4.7%, Bias - 7.5%, Expanded Uncertainty 17%. 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	4.6	µg/l	TM191	21/08/2017 at 12.30	Lab: Precision 4.6%, Bias - 8.9%, Expanded Uncertainty 18.2%. Sampling: Immeasurable
SW 5	Calcium (tot.unfilt)	>300 mg/l	Quarterly	72.1	mg/l	TM228	21/08/2017 at 12.30	Lab: Precision 4.3%, Bias - 1.8%, Expanded Uncertainty 10.4%. Sampling: Immeasurable
SW 5	pH	6.8 ñ 8.5	Quarterly	7.52	pH Units	TM256	21/08/2017 at 12.30	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	21/08/2017 at 12.30	Lab: Precision 6.9%, Bias -5%, Expanded Uncertainty 18.8%. Sampling: Immeasurable
SW 5	GRO >C7-C8	>2 mg/l	Quarterly	<10	µg/l	TM245	21/08/2017 at 12.30	Lab: Unknown. Sampling: Immeasurable
SW 5	GRO >C5-C6	>2 mg/l	Quarterly	<10	µg/l	TM245	21/08/2017 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 5	GRO >C6-C7	>2 mg/l	Quarterly	<10	µg/l	TM245	21/08/2017 at 12.30	Lab: Unknown. Sampling: Immeasurable
SW 5	GRO >C8-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	21/08/2017 at 12.30	Lab: Unknown. Sampling: Immeasurable
SW 5	GRO >C10-C12	>2 mg/l	Quarterly	<10	µg/l	TM245	21/08/2017 at 12.30	Lab: Unknown. Sampling: Immeasurable
SW 5	GRO >C5-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	21/08/2017 at 12.30	Lab: Unknown. Sampling: Immeasurable
SW 6	Suspended Solids, Total	>250 mg/l (1 occasion) >100 mg/l (3 consecutive occasions) >60 mg/l (4 consecutive occasions)	Quarterly	12.2	mg/l	TM022	21/08/2017 at 13.00	Lab: Precision 1.1%, Bias - 0.9%, Expanded Uncertainty 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 6	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	5.22	mg/l	TM045	21/08/2017 at 13.00	Lab: Precision 11.5%, Bias - 2.5%, Expanded Uncertainty 25.4%. Sampling: Immeasurable
SW 6	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	0.178	mg/l	TM099	21/08/2017 at 13.00	Lab: Precision 2.4%, Bias -1%, Expanded Uncertainty 5.8%. Sampling: Immeasurable
SW 6	Conductivity	>2000 µS/cm	Quarterly	0.456	mS/cm	TM120	21/08/2017 at 13.00	Lab: Precision 1.3%, Bias 2.8%, Expanded Uncertainty 5.4%. Sampling: Immeasurable
SW 6	Lead (diss.filt)	>0.25 mg/l	Quarterly	<0.2	µg/l	TM152	21/08/2017 at 13.00	Lab: Precision 3.2%, Bias 0.5%, Expanded Uncertainty 6.9%. Sampling: Immeasurable
SW 6	Nickel (diss.filt)	>0.1 mg/l	Quarterly	0.651	µg/l	TM152	21/08/2017 at 13.00	Lab: Precision %, Bias %, Expanded Uncertainty %. Sampling: Immeasurable
SW 6	EPH Range >C10-C40 (aq)	>2 mg/l	Quarterly	143	µg/l	TM172	21/08/2017 at 13.00	Lab: Precision 5.9%, Bias - 7.8%, Expanded Uncertainty 19.5%. 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	EPH Range >C10-C20 (aq)	>2 mg/l	Quarterly	51	µg/l	TM172	21/08/2017 at 13.00	Lab: Unknown. Sampling: Immeasurable
SW 6	EPH Range >C20-C30 (aq)	>2 mg/l	Quarterly	55.5	µg/l	TM172	21/08/2017 at 13.00	Lab: Unknown. Sampling: Immeasurable
SW 6	EPH Range >C30-C40 (aq)	>2 mg/l	Quarterly	36.4	µg/l	TM172	21/08/2017 at 13.00	Lab: Unknown. Sampling: Immeasurable
SW 6	Sulphate	>300 mg/l	Quarterly	27.2	mg/l	TM184	21/08/2017 at 13.00	Lab: Precision 1.9%, Bias 5.3%, Expanded Uncertainty 9.2%. Sampling: Immeasurable
SW 6	Chloride	>300 mg/l	Quarterly	31.4	mg/l	TM184	21/08/2017 at 13.00	Lab: Precision 1.4%, Bias 7.5%, Expanded Uncertainty 10.2%. Sampling: Immeasurable
SW 6	Nitrite as N	>1 mg/l	Quarterly	<0.0152	mg/l	TM184	21/08/2017 at 13.00	Lab: Precision 2.2%, Bias - 0.2%, Expanded Uncertainty 4.6%. 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	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	0.788	mg/l	TM184	21/08/2017 at 13.00	Lab: Precision 1%, Bias 2.2%, Expanded Uncertainty 4.2%. Sampling: Immeasurable
SW 6	Nitrate as N	>1 mg/l	Quarterly	<0.0677	mg/l	TM184	21/08/2017 at 13.00	Lab: Unknown. Sampling: Immeasurable
SW 6	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	<0.1	mg/l	TM184	21/08/2017 at 13.00	Lab: Precision 1.7%, Bias 6.7%, Expanded Uncertainty 10.1%. Sampling: Immeasurable
SW 6	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	1.77	mg/l	TM187	21/08/2017 at 13.00	Lab: Unknown. Sampling: Immeasurable
SW 6	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<0.5	µg/l	TM191	21/08/2017 at 13.00	Lab: Precision 4.7%, Bias - 7.5%, Expanded Uncertainty 17%. Sampling: Immeasurable
SW 6	Zinc (tot.unfilt)	>1 mg/l	Quarterly	6.42	µg/l	TM191	21/08/2017 at 13.00	Lab: Precision 4.6%, Bias - 8.9%, Expanded Uncertainty 18.2%. 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	Calcium (tot.unfilt)	>300 mg/l	Quarterly	57.2	mg/l	TM228	21/08/2017 at 13.00	Lab: Precision 4.3%, Bias -1.8%, Expanded Uncertainty 10.4%. Sampling: Immeasurable
SW 6	pH	6.8 ñ 8.5	Quarterly	7.45	pH Units	TM256	21/08/2017 at 13.00	Lab: Precision 0%, Bias 0.1%, Expanded Uncertainty 0.1%. Sampling: Immeasurable
SW 6	GRO>C5-12	>2 mg/l	Quarterly	<50	µg/l	TM245	21/08/2017 at 13.00	Lab: Precision 6.9%, Bias -5%, Expanded Uncertainty 18.8%. Sampling: Immeasurable
SW 6	GRO >C7-C8	>2 mg/l	Quarterly	<10	µg/l	TM245	21/08/2017 at 13.00	Lab: Unknown. Sampling: Immeasurable
SW 6	GRO >C5-C6	>2 mg/l	Quarterly	<10	µg/l	TM245	21/08/2017 at 13.00	Lab: Unknown. Sampling: Immeasurable
SW 6	GRO >C6-C7	>2 mg/l	Quarterly	<10	µg/l	TM245	21/08/2017 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 6	GRO >C8-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	21/08/2017 at 13.00	Lab: Unknown. Sampling: Immeasurable
SW 6	GRO >C10-C12	>2 mg/l	Quarterly	<10	µg/l	TM245	21/08/2017 at 13.00	Lab: Unknown. Sampling: Immeasurable
SW 6	GRO >C5-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	21/08/2017 at 13.00	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	53.3	mg/l	TM022	21/08/2017 at 13.30	Lab: Precision 1.1%, Bias - 0.9%, Expanded Uncertainty 3%. Sampling: Immeasurable
SW 7	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	14.1	mg/l	TM045	21/08/2017 at 13.30	Lab: Precision 11.5%, Bias - 2.5%, Expanded Uncertainty 25.4%. 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	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	0.108	mg/l	TM099	21/08/2017 at 13.30	Lab: Precision 2.4%, Bias -1%, Expanded Uncertainty 5.8%. Sampling: Immeasurable
SW 7	Conductivity	>2000 µS/cm	Quarterly	0.497	mS/cm	TM120	21/08/2017 at 13.30	Lab: Precision 1.3%, Bias 2.8%, Expanded Uncertainty 5.4%. Sampling: Immeasurable
SW 7	Lead (diss.filt)	>0.25 mg/l	Quarterly	<0.2	µg/l	TM152	21/08/2017 at 13.30	Lab: Precision 3.2%, Bias 0.5%, Expanded Uncertainty 6.9%. Sampling: Immeasurable
SW 7	Nickel (diss.filt)	>0.1 mg/l	Quarterly	0.633	µg/l	TM152	21/08/2017 at 13.30	Lab: Precision %, Bias %, Expanded Uncertainty %. Sampling: Immeasurable
SW 7	EPH Range >C10-C40 (aq)	>2 mg/l	Quarterly	101	µg/l	TM172	21/08/2017 at 13.30	Lab: Precision 5.9%, Bias -7.8%, Expanded Uncertainty 19.5%. Sampling: Immeasurable
SW 7	EPH Range >C10-C20 (aq)	>2 mg/l	Quarterly	41.1	µg/l	TM172	21/08/2017 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 7	EPH Range >C20-C30 (aq)	>2 mg/l	Quarterly	37	µg/l	TM172	21/08/2017 at 13.30	Lab: Unknown. Sampling: Immeasurable
SW 7	EPH Range >C30-C40 (aq)	>2 mg/l	Quarterly	22.8	µg/l	TM172	21/08/2017 at 13.30	Lab: Unknown. Sampling: Immeasurable
SW 7	Sulphate	>300 mg/l	Quarterly	35.9	mg/l	TM184	21/08/2017 at 13.30	Lab: Precision 1.9%, Bias 5.3%, Expanded Uncertainty 9.2%. Sampling: Immeasurable
SW 7	Chloride	>300 mg/l	Quarterly	32.6	mg/l	TM184	21/08/2017 at 13.30	Lab: Precision 1.4%, Bias 7.5%, Expanded Uncertainty 10.2%. Sampling: Immeasurable
SW 7	Nitrite as N	>1 mg/l	Quarterly	<0.0152	mg/l	TM184	21/08/2017 at 13.30	Lab: Precision 2.2%, Bias - 0.2%, Expanded Uncertainty 4.6%. Sampling: Immeasurable
SW 7	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	0.057	mg/l	TM184	21/08/2017 at 13.30	Lab: Precision 1%, Bias 2.2%, Expanded Uncertainty 4.2%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 7	Nitrate as N	>1 mg/l	Quarterly	<0.0677	mg/l	TM184	21/08/2017 at 13.30	Lab: Unknown. Sampling: Immeasurable
SW 7	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	<0.1	mg/l	TM184	21/08/2017 at 13.30	Lab: Precision 1.7%, Bias 6.7%, Expanded Uncertainty 10.1%. Sampling: Immeasurable
SW 7	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	3.33	mg/l	TM187	21/08/2017 at 13.30	Lab: Unknown. Sampling: Immeasurable
SW 7	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<0.5	µg/l	TM191	21/08/2017 at 13.30	Lab: Precision 4.7%, Bias - 7.5%, Expanded Uncertainty 17%. Sampling: Immeasurable
SW 7	Zinc (tot.unfilt)	>1 mg/l	Quarterly	8.7	µg/l	TM191	21/08/2017 at 13.30	Lab: Precision 4.6%, Bias - 8.9%, Expanded Uncertainty 18.2%. Sampling: Immeasurable
SW 7	Calcium (tot.unfilt)	>300 mg/l	Quarterly	58	mg/l	TM228	21/08/2017 at 13.30	Lab: Precision 4.3%, Bias - 1.8%, Expanded Uncertainty 10.4%. 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	pH	6.8 ñ 8.5	Quarterly	7.58	pH Units	TM256	21/08/2017 at 13.30	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	21/08/2017 at 13.30	Lab: Precision 6.9%, Bias -5%, Expanded Uncertainty 18.8%. Sampling: Immeasurable
SW 7	GRO >C7-C8	>2 mg/l	Quarterly	<10	µg/l	TM245	21/08/2017 at 13.30	Lab: Unknown. Sampling: Immeasurable
SW 7	GRO >C5-C6	>2 mg/l	Quarterly	<10	µg/l	TM245	21/08/2017 at 13.30	Lab: Unknown. Sampling: Immeasurable
SW 7	GRO >C6-C7	>2 mg/l	Quarterly	<10	µg/l	TM245	21/08/2017 at 13.30	Lab: Unknown. Sampling: Immeasurable
SW 7	GRO >C8-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	21/08/2017 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 7	GRO >C10-C12	>2 mg/l	Quarterly	<10	µg/l	TM245	21/08/2017 at 13.30	Lab: Unknown. Sampling: Immeasurable
SW 7	GRO >C5-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	21/08/2017 at 13.30	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	3.55	mg/l	TM022	21/08/2017 at 13.45	Lab: Precision 1.1%, Bias - 0.9%, Expanded Uncertainty 3%. Sampling: Immeasurable
SW 8	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	5.04	mg/l	TM045	21/08/2017 at 13.45	Lab: Precision 11.5%, Bias - 2.5%, Expanded Uncertainty 25.4%. Sampling: Immeasurable
SW 8	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	0.0875	mg/l	TM099	21/08/2017 at 13.45	Lab: Precision 2.4%, Bias -1%, Expanded Uncertainty 5.8%. 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	0.38	mS/cm	TM120	21/08/2017 at 13.45	Lab: Precision 1.3%, Bias 2.8%, Expanded Uncertainty 5.4%. Sampling: Immeasurable
SW 8	Lead (diss.filt)	>0.25 mg/l	Quarterly	<0.2	µg/l	TM152	21/08/2017 at 13.45	Lab: Precision 3.2%, Bias 0.5%, Expanded Uncertainty 6.9%. Sampling: Immeasurable
SW 8	Nickel (diss.filt)	>0.1 mg/l	Quarterly	0.486	µg/l	TM152	21/08/2017 at 13.45	Lab: Precision %, Bias %, Expanded Uncertainty %. Sampling: Immeasurable
SW 8	EPH Range >C10-C40 (aq)	>2 mg/l	Quarterly	<46	µg/l	TM172	21/08/2017 at 13.45	Lab: Precision 5.9%, Bias - 7.8%, Expanded Uncertainty 19.5%. Sampling: Immeasurable
SW 8	EPH Range >C10-C20 (aq)	>2 mg/l	Quarterly	<10	µg/l	TM172	21/08/2017 at 13.45	Lab: Unknown. Sampling: Immeasurable
SW 8	EPH Range >C20-C30 (aq)	>2 mg/l	Quarterly	10.8	µg/l	TM172	21/08/2017 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 8	EPH Range >C30-C40 (aq)	>2 mg/l	Quarterly	11.8	µg/l	TM172	21/08/2017 at 13.45	Lab: Unknown. Sampling: Immeasurable
SW 8	Sulphate	>300 mg/l	Quarterly	20.1	mg/l	TM184	21/08/2017 at 13.45	Lab: Precision 1.9%, Bias 5.3%, Expanded Uncertainty 9.2%. Sampling: Immeasurable
SW 8	Chloride	>300 mg/l	Quarterly	23	mg/l	TM184	21/08/2017 at 13.45	Lab: Precision 1.4%, Bias 7.5%, Expanded Uncertainty 10.2%. Sampling: Immeasurable
SW 8	Nitrite as N	>1 mg/l	Quarterly	<0.0152	mg/l	TM184	21/08/2017 at 13.45	Lab: Precision 2.2%, Bias - 0.2%, Expanded Uncertainty 4.6%. Sampling: Immeasurable
SW 8	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	0.16	mg/l	TM184	21/08/2017 at 13.45	Lab: Precision 1%, Bias 2.2%, Expanded Uncertainty 4.2%. Sampling: Immeasurable
SW 8	Nitrate as N	>1 mg/l	Quarterly	<0.0677	mg/l	TM184	21/08/2017 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 8	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	<0.1	mg/l	TM184	21/08/2017 at 13.45	Lab: Precision 1.7%, Bias 6.7%, Expanded Uncertainty 10.1%. Sampling: Immeasurable
SW 8	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	5.3	mg/l	TM187	21/08/2017 at 13.45	Lab: Unknown. Sampling: Immeasurable
SW 8	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<0.5	µg/l	TM191	21/08/2017 at 13.45	Lab: Precision 4.7%, Bias - 7.5%, Expanded Uncertainty 17%. Sampling: Immeasurable
SW 8	Zinc (tot.unfilt)	>1 mg/l	Quarterly	6.13	µg/l	TM191	21/08/2017 at 13.45	Lab: Precision 4.6%, Bias - 8.9%, Expanded Uncertainty 18.2%. Sampling: Immeasurable
SW 8	Calcium (tot.unfilt)	>300 mg/l	Quarterly	47.1	mg/l	TM228	21/08/2017 at 13.45	Lab: Precision 4.3%, Bias - 1.8%, Expanded Uncertainty 10.4%. Sampling: Immeasurable
SW 8	pH	6.8 ñ 8.5	Quarterly	7.34	pH Units	TM256	21/08/2017 at 13.45	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 8	GRO>C5-12	>2 mg/l	Quarterly	<50	µg/l	TM245	21/08/2017 at 13.45	Lab: Precision 6.9%, Bias -5%, Expanded Uncertainty 18.8%. Sampling: Immeasurable
SW 8	GRO >C7-C8	>2 mg/l	Quarterly	<10	µg/l	TM245	21/08/2017 at 13.45	Lab: Unknown. Sampling: Immeasurable
SW 8	GRO >C5-C6	>2 mg/l	Quarterly	<10	µg/l	TM245	21/08/2017 at 13.45	Lab: Unknown. Sampling: Immeasurable
SW 8	GRO >C6-C7	>2 mg/l	Quarterly	<10	µg/l	TM245	21/08/2017 at 13.45	Lab: Unknown. Sampling: Immeasurable
SW 8	GRO >C8-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	21/08/2017 at 13.45	Lab: Unknown. Sampling: Immeasurable
SW 8	GRO >C10-C12	>2 mg/l	Quarterly	<10	µg/l	TM245	21/08/2017 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 8	GRO >C5-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	21/08/2017 at 13.45	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	12.7	mg/l	TM022	21/08/2017 at 14.00	Lab: Precision 1.1%, Bias - 0.9%, Expanded Uncertainty 3%. Sampling: Immeasurable
SW 9	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	12.4	mg/l	TM045	21/08/2017 at 14.00	Lab: Precision 11.5%, Bias - 2.5%, Expanded Uncertainty 25.4%. Sampling: Immeasurable
SW 9	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	0.0958	mg/l	TM099	21/08/2017 at 14.00	Lab: Precision 2.4%, Bias -1%, Expanded Uncertainty 5.8%. Sampling: Immeasurable
SW 9	Conductivity	>2000 µS/cm	Quarterly	0.803	mS/cm	TM120	21/08/2017 at 14.00	Lab: Precision 1.3%, Bias 2.8%, Expanded Uncertainty 5.4%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 9	Lead (diss.filt)	>0.25 mg/l	Quarterly	<0.2	µg/l	TM152	21/08/2017 at 14.00	Lab: Precision 3.2%, Bias 0.5%, Expanded Uncertainty 6.9%. Sampling: Immeasurable
SW 9	Nickel (diss.filt)	>0.1 mg/l	Quarterly	1.82	µg/l	TM152	21/08/2017 at 14.00	Lab: Precision %, Bias %, Expanded Uncertainty %. Sampling: Immeasurable
SW 9	EPH Range >C10-C40 (aq)	>2 mg/l	Quarterly	99.9	µg/l	TM172	21/08/2017 at 14.00	Lab: Precision 5.9%, Bias - 7.8%, Expanded Uncertainty 19.5%. Sampling: Immeasurable
SW 9	EPH Range >C10-C20 (aq)	>2 mg/l	Quarterly	39.6	µg/l	TM172	21/08/2017 at 14.00	Lab: Unknown. Sampling: Immeasurable
SW 9	EPH Range >C20-C30 (aq)	>2 mg/l	Quarterly	36.7	µg/l	TM172	21/08/2017 at 14.00	Lab: Unknown. Sampling: Immeasurable
SW 9	EPH Range >C30-C40 (aq)	>2 mg/l	Quarterly	23.7	µg/l	TM172	21/08/2017 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 9	Sulphate	>300 mg/l	Quarterly	183	mg/l	TM184	21/08/2017 at 14.00	Lab: Precision 1.9%, Bias 5.3%, Expanded Uncertainty 9.2%. Sampling: Immeasurable
SW 9	Chloride	>300 mg/l	Quarterly	63.7	mg/l	TM184	21/08/2017 at 14.00	Lab: Precision 1.4%, Bias 7.5%, Expanded Uncertainty 10.2%. Sampling: Immeasurable
SW 9	Nitrite as N	>1 mg/l	Quarterly	<0.0152	mg/l	TM184	21/08/2017 at 14.00	Lab: Precision 2.2%, Bias - 0.2%, Expanded Uncertainty 4.6%. Sampling: Immeasurable
SW 9	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	0.19	mg/l	TM184	21/08/2017 at 14.00	Lab: Precision 1%, Bias 2.2%, Expanded Uncertainty 4.2%. Sampling: Immeasurable
SW 9	Nitrate as N	>1 mg/l	Quarterly	<0.0677	mg/l	TM184	21/08/2017 at 14.00	Lab: Unknown. Sampling: Immeasurable
SW 9	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	<0.1	mg/l	TM184	21/08/2017 at 14.00	Lab: Precision 1.7%, Bias 6.7%, Expanded Uncertainty 10.1%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 9	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	8.36	mg/l	TM046	21/08/2017 at 14.00	Lab: Unknown. Sampling: Immeasurable
SW 9	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<0.5	µg/l	TM191	21/08/2017 at 14.00	Lab: Precision 4.7%, Bias - 7.5%, Expanded Uncertainty 17%. Sampling: Immeasurable
SW 9	Zinc (tot.unfilt)	>1 mg/l	Quarterly	3.5	µg/l	TM191	21/08/2017 at 14.00	Lab: Precision 4.6%, Bias - 8.9%, Expanded Uncertainty 18.2%. Sampling: Immeasurable
SW 9	Calcium (tot.unfilt)	>300 mg/l	Quarterly	110	mg/l	TM228	21/08/2017 at 14.00	Lab: Precision 4.3%, Bias - 1.8%, Expanded Uncertainty 10.4%. Sampling: Immeasurable
SW 9	pH	6.8 ñ 8.5	Quarterly	7.68	pH Units	TM256	21/08/2017 at 14.00	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	21/08/2017 at 14.00	Lab: Precision 6.9%, Bias -5%, Expanded Uncertainty 18.8%. 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	21/08/2017 at 14.00	Lab: Unknown. Sampling: Immeasurable
SW 9	GRO >C5-C6	>2 mg/l	Quarterly	<10	µg/l	TM245	21/08/2017 at 14.00	Lab: Unknown. Sampling: Immeasurable
SW 9	GRO >C6-C7	>2 mg/l	Quarterly	<10	µg/l	TM245	21/08/2017 at 14.00	Lab: Unknown. Sampling: Immeasurable
SW 9	GRO >C8-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	21/08/2017 at 14.00	Lab: Unknown. Sampling: Immeasurable
SW 9	GRO >C10-C12	>2 mg/l	Quarterly	<10	µg/l	TM245	21/08/2017 at 14.00	Lab: Unknown. Sampling: Immeasurable
SW 9	GRO >C5-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	21/08/2017 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 10	Suspended Solids, Total	>250 mg/l (1 occasion) >100 mg/l (3 consecutive occasions) >60 mg/l (4 consecutive occasions)	Quarterly	5.7	mg/l	TM022	21/08/2017 at 09.45	Lab: Precision 1.1%, Bias - 0.9%, Expanded Uncertainty 3%. Sampling: Immeasurable
SW 10	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	2.96	mg/l	TM045	21/08/2017 at 09.45	Lab: Precision 11.5%, Bias - 2.5%, Expanded Uncertainty 25.4%. Sampling: Immeasurable
SW 10	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	0.745	mg/l	TM099	21/08/2017 at 09.45	Lab: Precision 2.4%, Bias -1%, Expanded Uncertainty 5.8%. Sampling: Immeasurable
SW 10	Conductivity	>2000 µS/cm	Quarterly	1.31	mS/cm	TM120	21/08/2017 at 09.45	Lab: Precision 1.3%, Bias 2.8%, Expanded Uncertainty 5.4%. Sampling: Immeasurable
SW 10	Lead (diss.filt)	>0.25 mg/l	Quarterly	0.577	µg/l	TM152	21/08/2017 at 09.45	Lab: Precision 3.2%, Bias 0.5%, Expanded Uncertainty 6.9%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 10	Nickel (diss.filt)	>0.1 mg/l	Quarterly	6.15	µg/l	TM152	21/08/2017 at 09.45	Lab: Precision %, Bias %, Expanded Uncertainty %. Sampling: Immeasurable
SW 10	EPH Range >C10-C40 (aq)	>2 mg/l	Quarterly	178	µg/l	TM172	21/08/2017 at 09.45	Lab: Precision 5.9%, Bias - 7.8%, Expanded Uncertainty 19.5%. Sampling: Immeasurable
SW 10	EPH Range >C10-C20 (aq)	>2 mg/l	Quarterly	105	µg/l	TM172	21/08/2017 at 09.45	Lab: Unknown. Sampling: Immeasurable
SW 10	EPH Range >C20-C30 (aq)	>2 mg/l	Quarterly	54.5	µg/l	TM172	21/08/2017 at 09.45	Lab: Unknown. Sampling: Immeasurable
SW 10	EPH Range >C30-C40 (aq)	>2 mg/l	Quarterly	18.1	µg/l	TM172	21/08/2017 at 09.45	Lab: Unknown. Sampling: Immeasurable
SW 10	Sulphate	>300 mg/l	Quarterly	433	mg/l	TM184	21/08/2017 at 09.45	Lab: Precision 1.9%, Bias 5.3%, 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	Chloride	>300 mg/l	Quarterly	107	mg/l	TM184	21/08/2017 at 09.45	Lab: Precision 1.4%, Bias 7.5%, Expanded Uncertainty 10.2%. Sampling: Immeasurable
SW 10	Nitrite as N	>1 mg/l	Quarterly	0.0612	8 mg/l	TM184	21/08/2017 at 09.45	Lab: Precision 2.2%, Bias - 0.2%, Expanded Uncertainty 4.6%. Sampling: Immeasurable
SW 10	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	0.373	5 mg/l	TM184	21/08/2017 at 09.45	Lab: Precision 1%, Bias 2.2%, Expanded Uncertainty 4.2%. Sampling: Immeasurable
SW 10	Nitrate as N	>1 mg/l	Quarterly	0.196	mg/l	TM184	21/08/2017 at 09.45	Lab: Unknown. Sampling: Immeasurable
SW 10	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	0.258	mg/l	TM184	21/08/2017 at 09.45	Lab: Precision 1.7%, Bias 6.7%, Expanded Uncertainty 10.1%. Sampling: Immeasurable
SW 10	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	2.73	mg/l	TM187	21/08/2017 at 09.45	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 10	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<0.5	µg/l	TM191	21/08/2017 at 09.45	Lab: Precision 4.7%, Bias - 7.5%, Expanded Uncertainty 17%. Sampling: Immeasurable
SW 10	Zinc (tot.unfilt)	>1 mg/l	Quarterly	20.4	µg/l	TM191	21/08/2017 at 09.45	Lab: Precision 4.6%, Bias - 8.9%, Expanded Uncertainty 18.2%. Sampling: Immeasurable
SW 10	Calcium (tot.unfilt)	>300 mg/l	Quarterly	207	mg/l	TM228	21/08/2017 at 09.45	Lab: Precision 4.3%, Bias - 1.8%, Expanded Uncertainty 10.4%. Sampling: Immeasurable
SW 10	pH	6.8 ñ 8.5	Quarterly	7.47	pH Units	TM256	21/08/2017 at 09.45	Lab: Precision 0%, Bias 0.1%, Expanded Uncertainty 0.1%. Sampling: Immeasurable
SW 10	GRO>C5-12	>2 mg/l	Quarterly	<50	µg/l	TM245	21/08/2017 at 09.45	Lab: Precision 6.9%, Bias -5%, Expanded Uncertainty 18.8%. Sampling: Immeasurable
SW 10	GRO >C7-C8	>2 mg/l	Quarterly	<10	µg/l	TM245	21/08/2017 at 09.45	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 10	GRO >C5-C6	>2 mg/l	Quarterly	<10	µg/l	TM245	21/08/2017 at 09.45	Lab: Unknown. Sampling: Immeasurable
SW 10	GRO >C6-C7	>2 mg/l	Quarterly	<10	µg/l	TM245	21/08/2017 at 09.45	Lab: Unknown. Sampling: Immeasurable
SW 10	GRO >C8-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	21/08/2017 at 09.45	Lab: Unknown. Sampling: Immeasurable
SW 10	GRO >C10-C12	>2 mg/l	Quarterly	<10	µg/l	TM245	21/08/2017 at 09.45	Lab: Unknown. Sampling: Immeasurable
SW 10	GRO >C5-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	21/08/2017 at 09.45	Lab: Unknown. Sampling: Immeasurable
SW 11	Suspended Solids, Total	>250 mg/l (1 occasion) >100 mg/l (3 consecutive occasions) >60 mg/l (4	Quarterly	<2	mg/l	TM022	21/08/2017 at 13.00	Lab: Precision 1.1%, Bias - 0.9%, Expanded Uncertainty 3%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
		consecutive occasions)						
SW 11	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	2	mg/l	TM045	21/08/2017 at 13.00	Lab: Precision 11.5%, Bias - 2.5%, Expanded Uncertainty 25.4%. Sampling: Immeasurable
SW 11	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	0.528	mg/l	TM099	21/08/2017 at 13.00	Lab: Precision 2.4%, Bias -1%, Expanded Uncertainty 5.8%. Sampling: Immeasurable
SW 11	Conductivity	>2000 µS/cm	Quarterly	1.35	mS/cm	TM120	21/08/2017 at 13.00	Lab: Precision 1.3%, Bias 2.8%, Expanded Uncertainty 5.4%. Sampling: Immeasurable
SW 11	Lead (diss.filt)	>0.25 mg/l	Quarterly	0.357	µg/l	TM152	21/08/2017 at 13.00	Lab: Precision 3.2%, Bias 0.5%, Expanded Uncertainty 6.9%. Sampling: Immeasurable
SW 11	Nickel (diss.filt)	>0.1 mg/l	Quarterly	7.02	µg/l	TM152	21/08/2017 at 13.00	Lab: Precision %, Bias %, Expanded Uncertainty %. 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 >C10-C40 (aq)	>2 mg/l	Quarterly	152	µg/l	TM172	21/08/2017 at 13.00	Lab: Precision 5.9%, Bias - 7.8%, Expanded Uncertainty 19.5%. Sampling: Immeasurable
SW 11	EPH Range >C10-C20 (aq)	>2 mg/l	Quarterly	62.9	µg/l	TM172	21/08/2017 at 13.00	Lab: Unknown. Sampling: Immeasurable
SW 11	EPH Range >C20-C30 (aq)	>2 mg/l	Quarterly	72	µg/l	TM172	21/08/2017 at 13.00	Lab: Unknown. Sampling: Immeasurable
SW 11	EPH Range >C30-C40 (aq)	>2 mg/l	Quarterly	16.9	µg/l	TM172	21/08/2017 at 13.00	Lab: Unknown. Sampling: Immeasurable
SW 11	Sulphate	>300 mg/l	Quarterly	432	mg/l	TM184	21/08/2017 at 13.00	Lab: Precision 1.9%, Bias 5.3%, Expanded Uncertainty 9.2%. Sampling: Immeasurable
SW 11	Chloride	>300 mg/l	Quarterly	102	mg/l	TM184	21/08/2017 at 13.00	Lab: Precision 1.4%, Bias 7.5%, 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 11	Nitrite as N	>1 mg/l	Quarterly	0.0849	mg/l	TM184	21/08/2017 at 13.00	Lab: Precision 2.2%, Bias - 0.2%, Expanded Uncertainty 4.6%. Sampling: Immeasurable
SW 11	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	0.359	mg/l	TM184	21/08/2017 at 13.00	Lab: Precision 1%, Bias 2.2%, Expanded Uncertainty 4.2%. Sampling: Immeasurable
SW 11	Nitrate as N	>1 mg/l	Quarterly	1.19	mg/l	TM184	21/08/2017 at 13.00	Lab: Unknown. Sampling: Immeasurable
SW 11	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	1.28	mg/l	TM184	21/08/2017 at 13.00	Lab: Precision 1.7%, Bias 6.7%, Expanded Uncertainty 10.1%. Sampling: Immeasurable
SW 11	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	2.16	mg/l	TM187	21/08/2017 at 13.00	Lab: Unknown. Sampling: Immeasurable
SW 11	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<0.5	µg/l	TM191	21/08/2017 at 13.00	Lab: Precision 4.7%, Bias - 7.5%, Expanded Uncertainty 17%. 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	Zinc (tot.unfilt)	>1 mg/l	Quarterly	20.3	µg/l	TM191	21/08/2017 at 13.00	Lab: Precision 4.6%, Bias - 8.9%, Expanded Uncertainty 18.2%. Sampling: Immeasurable
SW 11	Calcium (tot.unfilt)	>300 mg/l	Quarterly	201	mg/l	TM228	21/08/2017 at 13.00	Lab: Precision 4.3%, Bias - 1.8%, Expanded Uncertainty 10.4%. Sampling: Immeasurable
SW 11	pH	6.8 ñ 8.5	Quarterly	7.36	pH Units	TM256	21/08/2017 at 13.00	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	21/08/2017 at 13.00	Lab: Precision 6.9%, Bias -5%, Expanded Uncertainty 18.8%. Sampling: Immeasurable
SW 11	GRO >C7-C8	>2 mg/l	Quarterly	<10	µg/l	TM245	21/08/2017 at 13.00	Lab: Unknown. Sampling: Immeasurable
SW 11	GRO >C5-C6	>2 mg/l	Quarterly	<10	µg/l	TM245	21/08/2017 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 11	GRO >C6-C7	>2 mg/l	Quarterly	<10	µg/l	TM245	21/08/2017 at 13.00	Lab: Unknown. Sampling: Immeasurable
SW 11	GRO >C8-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	21/08/2017 at 13.00	Lab: Unknown. Sampling: Immeasurable
SW 11	GRO >C10-C12	>2 mg/l	Quarterly	<10	µg/l	TM245	21/08/2017 at 13.00	Lab: Unknown. Sampling: Immeasurable
SW 11	GRO >C5-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	21/08/2017 at 13.00	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	4.9	mg/l	TM022	21/08/2017 at 10.45	Lab: Precision 1.1%, Bias - 0.9%, Expanded Uncertainty 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 12	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	9.06	mg/l	TM045	21/08/2017 at 10.45	Lab: Precision 11.5%, Bias - 2.5%, Expanded Uncertainty 25.4%. Sampling: Immeasurable
SW 12	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	0.503	mg/l	TM099	21/08/2017 at 10.45	Lab: Precision 2.4%, Bias -1%, Expanded Uncertainty 5.8%. Sampling: Immeasurable
SW 12	Conductivity	>2000 µS/cm	Quarterly	1.47	mS/cm	TM120	21/08/2017 at 10.45	Lab: Precision 1.3%, Bias 2.8%, Expanded Uncertainty 5.4%. Sampling: Immeasurable
SW 12	Lead (diss.filt)	>0.25 mg/l	Quarterly	<0.2	µg/l	TM152	21/08/2017 at 10.45	Lab: Precision 3.2%, Bias 0.5%, Expanded Uncertainty 6.9%. Sampling: Immeasurable
SW 12	Nickel (diss.filt)	>0.1 mg/l	Quarterly	1.47	µg/l	TM152	21/08/2017 at 10.45	Lab: Precision %, Bias %, Expanded Uncertainty %. Sampling: Immeasurable
SW 12	EPH Range >C10-C40 (aq)	>2 mg/l	Quarterly	124	µg/l	TM172	21/08/2017 at 10.45	Lab: Precision 5.9%, Bias - 7.8%, Expanded Uncertainty 19.5%. 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	EPH Range >C10-C20 (aq)	>2 mg/l	Quarterly	36.7	µg/l	TM172	21/08/2017 at 10.45	Lab: Unknown. Sampling: Immeasurable
SW 12	EPH Range >C20-C30 (aq)	>2 mg/l	Quarterly	42.6	µg/l	TM172	21/08/2017 at 10.45	Lab: Unknown. Sampling: Immeasurable
SW 12	EPH Range >C30-C40 (aq)	>2 mg/l	Quarterly	44.3	µg/l	TM172	21/08/2017 at 10.45	Lab: Unknown. Sampling: Immeasurable
SW 12	Sulphate	>300 mg/l	Quarterly	126	mg/l	TM184	21/08/2017 at 10.45	Lab: Precision 1.9%, Bias 5.3%, Expanded Uncertainty 9.2%. Sampling: Immeasurable
SW 12	Chloride	>300 mg/l	Quarterly	227	mg/l	TM184	21/08/2017 at 10.45	Lab: Precision 1.4%, Bias 7.5%, Expanded Uncertainty 10.2%. Sampling: Immeasurable
SW 12	Nitrite as N	>1 mg/l	Quarterly	<0.0152	mg/l	TM184	21/08/2017 at 10.45	Lab: Precision 2.2%, Bias - 0.2%, Expanded Uncertainty 4.6%. 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	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	3.54	mg/l	TM184	21/08/2017 at 10.45	Lab: Precision 1%, Bias 2.2%, Expanded Uncertainty 4.2%. Sampling: Immeasurable
SW 12	Nitrate as N	>1 mg/l	Quarterly	<0.0677	mg/l	TM184	21/08/2017 at 10.45	Lab: Unknown. Sampling: Immeasurable
SW 12	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	<0.1	mg/l	TM184	21/08/2017 at 10.45	Lab: Precision 1.7%, Bias 6.7%, Expanded Uncertainty 10.1%. Sampling: Immeasurable
SW 12	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	<0.3	mg/l	TM187	21/08/2017 at 10.45	Lab: Unknown. Sampling: Immeasurable
SW 12	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<0.5	µg/l	TM191	21/08/2017 at 10.45	Lab: Precision 4.7%, Bias - 7.5%, Expanded Uncertainty 17%. Sampling: Immeasurable
SW 12	Zinc (tot.unfilt)	>1 mg/l	Quarterly	<3	µg/l	TM191	21/08/2017 at 10.45	Lab: Precision 4.6%, Bias - 8.9%, Expanded Uncertainty 18.2%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 12	Calcium (tot.unfilt)	>300 mg/l	Quarterly	193	mg/l	TM228	21/08/2017 at 10.45	Lab: Precision 4.3%, Bias - 1.8%, Expanded Uncertainty 10.4%. Sampling: Immeasurable
SW 12	pH	6.8 ñ 8.5	Quarterly	7.31	pH Units	TM256	21/08/2017 at 10.45	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	21/08/2017 at 10.45	Lab: Precision 6.9%, Bias -5%, Expanded Uncertainty 18.8%. Sampling: Immeasurable
SW 12	GRO >C7-C8	>2 mg/l	Quarterly	<10	µg/l	TM245	21/08/2017 at 10.45	Lab: Unknown. Sampling: Immeasurable
SW 12	GRO >C5-C6	>2 mg/l	Quarterly	<10	µg/l	TM245	21/08/2017 at 10.45	Lab: Unknown. Sampling: Immeasurable
SW 12	GRO >C6-C7	>2 mg/l	Quarterly	<10	µg/l	TM245	21/08/2017 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 12	GRO >C8-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	21/08/2017 at 10.45	Lab: Unknown. Sampling: Immeasurable
SW 12	GRO >C10-C12	>2 mg/l	Quarterly	<10	µg/l	TM245	21/08/2017 at 10.45	Lab: Unknown. Sampling: Immeasurable
SW 12	GRO >C5-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	21/08/2017 at 10.45	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	8.1	mg/l	TM022	21/08/2017 at 10.30	Lab: Precision 1.1%, Bias - 0.9%, Expanded Uncertainty 3%. Sampling: Immeasurable
SW 13	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	5.38	mg/l	TM045	21/08/2017 at 10.30	Lab: Precision 11.5%, Bias - 2.5%, Expanded Uncertainty 25.4%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 13	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	0.282	mg/l	TM099	21/08/2017 at 10.30	Lab: Precision 2.4%, Bias -1%, Expanded Uncertainty 5.8%. Sampling: Immeasurable
SW 13	Conductivity	>2000 µS/cm	Quarterly	1.02	mS/cm	TM120	21/08/2017 at 10.30	Lab: Precision 1.3%, Bias 2.8%, Expanded Uncertainty 5.4%. Sampling: Immeasurable
SW 13	Lead (diss.filt)	>0.25 mg/l	Quarterly	0.745	µg/l	TM152	21/08/2017 at 10.30	Lab: Precision 3.2%, Bias 0.5%, Expanded Uncertainty 6.9%. Sampling: Immeasurable
SW 13	Nickel (diss.filt)	>0.1 mg/l	Quarterly	2.46	µg/l	TM152	21/08/2017 at 10.30	Lab: Precision %, Bias %, Expanded Uncertainty %. Sampling: Immeasurable
SW 13	EPH Range >C10-C40 (aq)	>2 mg/l	Quarterly	111	µg/l	TM172	21/08/2017 at 10.30	Lab: Precision 5.9%, Bias -7.8%, Expanded Uncertainty 19.5%. Sampling: Immeasurable
SW 13	EPH Range >C10-C20 (aq)	>2 mg/l	Quarterly	36.7	µg/l	TM172	21/08/2017 at 10.30	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 13	EPH Range >C20-C30 (aq)	>2 mg/l	Quarterly	40.1	µg/l	TM172	21/08/2017 at 10.30	Lab: Unknown. Sampling: Immeasurable
SW 13	EPH Range >C30-C40 (aq)	>2 mg/l	Quarterly	34	µg/l	TM172	21/08/2017 at 10.30	Lab: Unknown. Sampling: Immeasurable
SW 13	Sulphate	>300 mg/l	Quarterly	81.4	mg/l	TM184	21/08/2017 at 10.30	Lab: Precision 1.9%, Bias 5.3%, Expanded Uncertainty 9.2%. Sampling: Immeasurable
SW 13	Chloride	>300 mg/l	Quarterly	77.9	mg/l	TM184	21/08/2017 at 10.30	Lab: Precision 1.4%, Bias 7.5%, Expanded Uncertainty 10.2%. Sampling: Immeasurable
SW 13	Nitrite as N	>1 mg/l	Quarterly	<0.0152	mg/l	TM184	21/08/2017 at 10.30	Lab: Precision 2.2%, Bias - 0.2%, Expanded Uncertainty 4.6%. Sampling: Immeasurable
SW 13	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	2.24	mg/l	TM184	21/08/2017 at 10.30	Lab: Precision 1%, Bias 2.2%, Expanded Uncertainty 4.2%. 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	Nitrate as N	>1 mg/l	Quarterly	<0.0677	mg/l	TM184	21/08/2017 at 10.30	Lab: Unknown. Sampling: Immeasurable
SW 13	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	<0.1	mg/l	TM184	21/08/2017 at 10.30	Lab: Precision 1.7%, Bias 6.7%, Expanded Uncertainty 10.1%. Sampling: Immeasurable
SW 13	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	1.87	mg/l	TM187	21/08/2017 at 10.30	Lab: Unknown. Sampling: Immeasurable
SW 13	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<0.5	µg/l	TM191	21/08/2017 at 10.30	Lab: Precision 4.7%, Bias - 7.5%, Expanded Uncertainty 17%. Sampling: Immeasurable
SW 13	Zinc (tot.unfilt)	>1 mg/l	Quarterly	11.3	µg/l	TM191	21/08/2017 at 10.30	Lab: Precision 4.6%, Bias - 8.9%, Expanded Uncertainty 18.2%. Sampling: Immeasurable
SW 13	Calcium (tot.unfilt)	>300 mg/l	Quarterly	134	mg/l	TM228	21/08/2017 at 10.30	Lab: Precision 4.3%, Bias - 1.8%, Expanded Uncertainty 10.4%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 13	pH	6.8 ñ 8.5	Quarterly	7.5	pH Units	TM256	21/08/2017 at 10.30	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	21/08/2017 at 10.30	Lab: Precision 6.9%, Bias -5%, Expanded Uncertainty 18.8%. Sampling: Immeasurable
SW 13	GRO >C7-C8	>2 mg/l	Quarterly	<10	µg/l	TM245	21/08/2017 at 10.30	Lab: Unknown. Sampling: Immeasurable
SW 13	GRO >C5-C6	>2 mg/l	Quarterly	<10	µg/l	TM245	21/08/2017 at 10.30	Lab: Unknown. Sampling: Immeasurable
SW 13	GRO >C6-C7	>2 mg/l	Quarterly	<10	µg/l	TM245	21/08/2017 at 10.30	Lab: Unknown. Sampling: Immeasurable
SW 13	GRO >C8-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	21/08/2017 at 10.30	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 13	GRO >C10-C12	>2 mg/l	Quarterly	<10	µg/l	TM245	21/08/2017 at 10.30	Lab: Unknown. Sampling: Immeasurable
SW 13	GRO >C5-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	21/08/2017 at 10.30	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	<2	mg/l	TM022	21/08/2017 at 11.00	Lab: Precision 1.1%, Bias - 0.9%, Expanded Uncertainty 3%. Sampling: Immeasurable
SW 15	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	4.06	mg/l	TM045	21/08/2017 at 11.00	Lab: Precision 11.5%, Bias - 2.5%, Expanded Uncertainty 25.4%. Sampling: Immeasurable
SW 15	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	0.289	mg/l	TM099	21/08/2017 at 11.00	Lab: Precision 2.4%, Bias -1%, Expanded Uncertainty 5.8%. 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	Conductivity	>2000 µS/cm	Quarterly	0.628	mS/cm	TM120	21/08/2017 at 11.00	Lab: Precision 1.3%, Bias 2.8%, Expanded Uncertainty 5.4%. Sampling: Immeasurable
SW 15	Lead (diss.filt)	>0.25 mg/l	Quarterly	<0.2	µg/l	TM152	21/08/2017 at 11.00	Lab: Precision 3.2%, Bias 0.5%, Expanded Uncertainty 6.9%. Sampling: Immeasurable
SW 15	Nickel (diss.filt)	>0.1 mg/l	Quarterly	1.1	µg/l	TM152	21/08/2017 at 11.00	Lab: Precision %, Bias %, Expanded Uncertainty %. Sampling: Immeasurable
SW 15	EPH Range >C10-C40 (aq)	>2 mg/l	Quarterly	48.9	µg/l	TM172	21/08/2017 at 11.00	Lab: Precision 5.9%, Bias - 7.8%, Expanded Uncertainty 19.5%. Sampling: Immeasurable
SW 15	EPH Range >C10-C20 (aq)	>2 mg/l	Quarterly	16.1	µg/l	TM172	21/08/2017 at 11.00	Lab: Unknown. Sampling: Immeasurable
SW 15	EPH Range >C20-C30 (aq)	>2 mg/l	Quarterly	16.6	µg/l	TM172	21/08/2017 at 11.00	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 15	EPH Range >C30-C40 (aq)	>2 mg/l	Quarterly	16.2	µg/l	TM172	21/08/2017 at 11.00	Lab: Unknown. Sampling: Immeasurable
SW 15	Sulphate	>300 mg/l	Quarterly	80.9	mg/l	TM184	21/08/2017 at 11.00	Lab: Precision 1.9%, Bias 5.3%, Expanded Uncertainty 9.2%. Sampling: Immeasurable
SW 15	Chloride	>300 mg/l	Quarterly	48.9	mg/l	TM184	21/08/2017 at 11.00	Lab: Precision 1.4%, Bias 7.5%, Expanded Uncertainty 10.2%. Sampling: Immeasurable
SW 15	Nitrite as N	>1 mg/l	Quarterly	0.0192	mg/l	TM184	21/08/2017 at 11.00	Lab: Precision 2.2%, Bias - 0.2%, Expanded Uncertainty 4.6%. Sampling: Immeasurable
SW 15	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	0.768	mg/l	TM184	21/08/2017 at 11.00	Lab: Precision 1%, Bias 2.2%, Expanded Uncertainty 4.2%. Sampling: Immeasurable
SW 15	Nitrate as N	>1 mg/l	Quarterly	0.0781	mg/l	TM184	21/08/2017 at 11.00	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 15	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	<0.1	mg/l	TM184	21/08/2017 at 11.00	Lab: Precision 1.7%, Bias 6.7%, Expanded Uncertainty 10.1%. Sampling: Immeasurable
SW 15	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	5.86	mg/l	TM187	21/08/2017 at 11.00	Lab: Unknown. Sampling: Immeasurable
SW 15	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<0.5	µg/l	TM191	21/08/2017 at 11.00	Lab: Precision 4.7%, Bias - 7.5%, Expanded Uncertainty 17%. Sampling: Immeasurable
SW 15	Zinc (tot.unfilt)	>1 mg/l	Quarterly	7.88	µg/l	TM191	21/08/2017 at 11.00	Lab: Precision 4.6%, Bias - 8.9%, Expanded Uncertainty 18.2%. Sampling: Immeasurable
SW 15	Calcium (tot.unfilt)	>300 mg/l	Quarterly	84.5	mg/l	TM228	21/08/2017 at 11.00	Lab: Precision 4.3%, Bias - 1.8%, Expanded Uncertainty 10.4%. Sampling: Immeasurable
SW 15	pH	6.8 ñ 8.5	Quarterly	7.68	pH Units	TM256	21/08/2017 at 11.00	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 15	GRO>C5-12	>2 mg/l	Quarterly	<50	µg/l	TM245	21/08/2017 at 11.00	Lab: Precision 6.9%, Bias -5%, Expanded Uncertainty 18.8%. Sampling: Immeasurable
SW 15	GRO >C7-C8	>2 mg/l	Quarterly	<10	µg/l	TM245	21/08/2017 at 11.00	Lab: Unknown. Sampling: Immeasurable
SW 15	GRO >C5-C6	>2 mg/l	Quarterly	<10	µg/l	TM245	21/08/2017 at 11.00	Lab: Unknown. Sampling: Immeasurable
SW 15	GRO >C6-C7	>2 mg/l	Quarterly	<10	µg/l	TM245	21/08/2017 at 11.00	Lab: Unknown. Sampling: Immeasurable
SW 15	GRO >C8-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	21/08/2017 at 11.00	Lab: Unknown. Sampling: Immeasurable
SW 15	GRO >C10-C12	>2 mg/l	Quarterly	<10	µg/l	TM245	21/08/2017 at 11.00	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 15	GRO >C5-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	21/08/2017 at 11.00	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	13.5	mg/l	TM022	21/08/2017 at 11.30	Lab: Precision 1.1%, Bias - 0.9%, Expanded Uncertainty 3%. Sampling: Immeasurable
SW 16	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	19.6	mg/l	TM045	21/08/2017 at 11.30	Lab: Precision 11.5%, Bias - 2.5%, Expanded Uncertainty 25.4%. Sampling: Immeasurable
SW 16	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	0.269	mg/l	TM099	21/08/2017 at 11.30	Lab: Precision 2.4%, Bias -1%, Expanded Uncertainty 5.8%. Sampling: Immeasurable
SW 16	Conductivity	>2000 µS/cm	Quarterly	0.616	mS/cm	TM120	21/08/2017 at 11.30	Lab: Precision 1.3%, Bias 2.8%, Expanded Uncertainty 5.4%. 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	21/08/2017 at 11.30	Lab: Precision 3.2%, Bias 0.5%, Expanded Uncertainty 6.9%. Sampling: Immeasurable
SW 16	Nickel (diss.filt)	>0.1 mg/l	Quarterly	0.898	µg/l	TM152	21/08/2017 at 11.30	Lab: Precision %, Bias %, Expanded Uncertainty %. Sampling: Immeasurable
SW 16	EPH Range >C10-C40 (aq)	>2 mg/l	Quarterly	141	µg/l	TM172	21/08/2017 at 11.30	Lab: Precision 5.9%, Bias - 7.8%, Expanded Uncertainty 19.5%. Sampling: Immeasurable
SW 16	EPH Range >C10-C20 (aq)	>2 mg/l	Quarterly	33.2	µg/l	TM172	21/08/2017 at 11.30	Lab: Unknown. Sampling: Immeasurable
SW 16	EPH Range >C20-C30 (aq)	>2 mg/l	Quarterly	53.2	µg/l	TM172	21/08/2017 at 11.30	Lab: Unknown. Sampling: Immeasurable
SW 16	EPH Range >C30-C40 (aq)	>2 mg/l	Quarterly	54.4	µg/l	TM172	21/08/2017 at 11.30	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 16	Sulphate	>300 mg/l	Quarterly	71.8	mg/l	TM184	21/08/2017 at 11.30	Lab: Precision 1.9%, Bias 5.3%, Expanded Uncertainty 9.2%. Sampling: Immeasurable
SW 16	Chloride	>300 mg/l	Quarterly	47.5	mg/l	TM184	21/08/2017 at 11.30	Lab: Precision 1.4%, Bias 7.5%, Expanded Uncertainty 10.2%. Sampling: Immeasurable
SW 16	Nitrite as N	>1 mg/l	Quarterly	<0.0152	mg/l	TM184	21/08/2017 at 11.30	Lab: Precision 2.2%, Bias - 0.2%, Expanded Uncertainty 4.6%. Sampling: Immeasurable
SW 16	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	1.44	mg/l	TM184	21/08/2017 at 11.30	Lab: Precision 1%, Bias 2.2%, Expanded Uncertainty 4.2%. Sampling: Immeasurable
SW 16	Nitrate as N	>1 mg/l	Quarterly	<0.0677	mg/l	TM184	21/08/2017 at 11.30	Lab: Unknown. Sampling: Immeasurable
SW 16	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	<0.1	mg/l	TM184	21/08/2017 at 11.30	Lab: Precision 1.7%, Bias 6.7%, Expanded Uncertainty 10.1%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 16	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	1.46	mg/l	TM187	21/08/2017 at 11.30	Lab: Unknown. Sampling: Immeasurable
SW 16	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<0.5	µg/l	TM191	21/08/2017 at 11.30	Lab: Precision 4.7%, Bias - 7.5%, Expanded Uncertainty 17%. Sampling: Immeasurable
SW 16	Zinc (tot.unfilt)	>1 mg/l	Quarterly	6.67	µg/l	TM191	21/08/2017 at 11.30	Lab: Precision 4.6%, Bias - 8.9%, Expanded Uncertainty 18.2%. Sampling: Immeasurable
SW 16	Calcium (tot.unfilt)	>300 mg/l	Quarterly	78.3	mg/l	TM228	21/08/2017 at 11.30	Lab: Precision 4.3%, Bias - 1.8%, Expanded Uncertainty 10.4%. Sampling: Immeasurable
SW 16	pH	6.8 ñ 8.5	Quarterly	7.57	pH Units	TM256	21/08/2017 at 11.30	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	21/08/2017 at 11.30	Lab: Precision 6.9%, Bias -5%, Expanded Uncertainty 18.8%. 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 >C7-C8	>2 mg/l	Quarterly	<10	µg/l	TM245	21/08/2017 at 11.30	Lab: Unknown. Sampling: Immeasurable
SW 16	GRO >C5-C6	>2 mg/l	Quarterly	<10	µg/l	TM245	21/08/2017 at 11.30	Lab: Unknown. Sampling: Immeasurable
SW 16	GRO >C6-C7	>2 mg/l	Quarterly	<10	µg/l	TM245	21/08/2017 at 11.30	Lab: Unknown. Sampling: Immeasurable
SW 16	GRO >C8-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	21/08/2017 at 11.30	Lab: Unknown. Sampling: Immeasurable
SW 16	GRO >C10-C12	>2 mg/l	Quarterly	<10	µg/l	TM245	21/08/2017 at 11.30	Lab: Unknown. Sampling: Immeasurable
SW 16	GRO >C5-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	21/08/2017 at 11.30	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 17	Suspended Solids, Total	>250 mg/l (1 occasion) >100 mg/l (3 consecutive occasions) >60 mg/l (4 consecutive occasions)	Quarterly	7.85	mg/l	TM022	21/08/2017 at 11.30	Lab: Precision 1.1%, Bias - 0.9%, Expanded Uncertainty 3%. Sampling: Immeasurable
SW 17	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	9.92	mg/l	TM045	21/08/2017 at 11.30	Lab: Precision 11.5%, Bias - 2.5%, Expanded Uncertainty 25.4%. Sampling: Immeasurable
SW 17	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	0.0761	mg/l	TM099	21/08/2017 at 11.30	Lab: Precision 2.4%, Bias -1%, Expanded Uncertainty 5.8%. Sampling: Immeasurable
SW 17	Conductivity	>2000 µS/cm	Quarterly	0.533	mS/cm	TM120	21/08/2017 at 11.30	Lab: Precision 1.3%, Bias 2.8%, Expanded Uncertainty 5.4%. Sampling: Immeasurable
SW 17	Lead (diss.filt)	>0.25 mg/l	Quarterly	<0.2	µg/l	TM152	21/08/2017 at 11.30	Lab: Precision 3.2%, Bias 0.5%, Expanded Uncertainty 6.9%. 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	Nickel (diss.filt)	>0.1 mg/l	Quarterly	0.602	µg/l	TM152	21/08/2017 at 11.30	Lab: Precision %, Bias %, Expanded Uncertainty %. Sampling: Immeasurable
SW 17	EPH Range >C10-C40 (aq)	>2 mg/l	Quarterly	131	µg/l	TM172	21/08/2017 at 11.30	Lab: Precision 5.9%, Bias - 7.8%, Expanded Uncertainty 19.5%. Sampling: Immeasurable
SW 17	EPH Range >C10-C20 (aq)	>2 mg/l	Quarterly	43.5	µg/l	TM172	21/08/2017 at 11.30	Lab: Unknown. Sampling: Immeasurable
SW 17	EPH Range >C20-C30 (aq)	>2 mg/l	Quarterly	31.6	µg/l	TM172	21/08/2017 at 11.30	Lab: Unknown. Sampling: Immeasurable
SW 17	EPH Range >C30-C40 (aq)	>2 mg/l	Quarterly	56	µg/l	TM172	21/08/2017 at 11.30	Lab: Unknown. Sampling: Immeasurable
SW 17	Sulphate	>300 mg/l	Quarterly	38.6	mg/l	TM184	21/08/2017 at 11.30	Lab: Precision 1.9%, Bias 5.3%, 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 17	Chloride	>300 mg/l	Quarterly	39.6	mg/l	TM184	21/08/2017 at 11.30	Lab: Precision 1.4%, Bias 7.5%, Expanded Uncertainty 10.2%. Sampling: Immeasurable
SW 17	Nitrite as N	>1 mg/l	Quarterly	<0.0152	mg/l	TM184	21/08/2017 at 11.30	Lab: Precision 2.2%, Bias - 0.2%, Expanded Uncertainty 4.6%. Sampling: Immeasurable
SW 17	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	0.644	mg/l	TM184	21/08/2017 at 11.30	Lab: Precision 1%, Bias 2.2%, Expanded Uncertainty 4.2%. Sampling: Immeasurable
SW 17	Nitrate as N	>1 mg/l	Quarterly	<0.0677	mg/l	TM184	21/08/2017 at 11.30	Lab: Unknown. Sampling: Immeasurable
SW 17	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	<0.1	mg/l	TM184	21/08/2017 at 11.30	Lab: Precision 1.7%, Bias 6.7%, Expanded Uncertainty 10.1%. Sampling: Immeasurable
SW 17	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	<0.3	mg/l	TM187	21/08/2017 at 11.30	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 17	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<0.5	µg/l	TM191	21/08/2017 at 11.30	Lab: Precision 4.7%, Bias - 7.5%, Expanded Uncertainty 17%. Sampling: Immeasurable
SW 17	Zinc (tot.unfilt)	>1 mg/l	Quarterly	5.02	µg/l	TM191	21/08/2017 at 11.30	Lab: Precision 4.6%, Bias - 8.9%, Expanded Uncertainty 18.2%. Sampling: Immeasurable
SW 17	Calcium (tot.unfilt)	>300 mg/l	Quarterly	67.8	mg/l	TM228	21/08/2017 at 11.30	Lab: Precision 4.3%, Bias - 1.8%, Expanded Uncertainty 10.4%. Sampling: Immeasurable
SW 17	pH	6.8 ñ 8.5	Quarterly	7.35	pH Units	TM256	21/08/2017 at 11.30	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	21/08/2017 at 11.30	Lab: Precision 6.9%, Bias -5%, Expanded Uncertainty 18.8%. Sampling: Immeasurable
SW 17	GRO >C7-C8	>2 mg/l	Quarterly	<10	µg/l	TM245	21/08/2017 at 11.30	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 17	GRO >C5-C6	>2 mg/l	Quarterly	<10	µg/l	TM245	21/08/2017 at 11.30	Lab: Unknown. Sampling: Immeasurable
SW 17	GRO >C6-C7	>2 mg/l	Quarterly	<10	µg/l	TM245	21/08/2017 at 11.30	Lab: Unknown. Sampling: Immeasurable
SW 17	GRO >C8-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	21/08/2017 at 11.30	Lab: Unknown. Sampling: Immeasurable
SW 17	GRO >C10-C12	>2 mg/l	Quarterly	<10	µg/l	TM245	21/08/2017 at 11.30	Lab: Unknown. Sampling: Immeasurable
SW 17	GRO >C5-C10	>2 mg/l	Quarterly	<10	µg/l	TM245	21/08/2017 at 11.30	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: September 2017

(Authorised to sign as representative of Operator)

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