

Permit Number: EPR/PP3993VS

Operator: Atlantic Recycling

Facility: Atlantic Recycling

Form Number: Surfacewater1

Reporting of surface water monitoring for quarterly monitoring in November 2019

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)	Monthly	19.5	mg/l	TM022	19/11/2019 at 10:30	Lab: precision 1.1%, Bias - 0.7%, Expanded Uncertainty 2.9%. Sampling Immeasurable
Outfall	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Monthly	<1.67	mg/l	TM045	19/11/2019 at 10:30	Lab: precision 5.9%, Bias - 2.7%, Expanded Uncertainty 14.5%. Sampling Immeasurable
Outfall	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Monthly	1.03	mg/l	TM099	19/11/2019 at 10:30	Lab: precision 1.5%, Bias 1.7%, Expanded Uncertainty 4.7%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
Outfall	Conductivity	>2000 µS/cm	Monthly	1.24	mS/cm	TM120	19/11/2019 at 10:30	Lab: precision 0.6%, Bias 3%, Expanded Uncertainty 4.4%. Sampling Immeasurable
Outfall	Lead (diss.filt)	>0.25 mg/l	Monthly	0.279	µg/l	TM152	19/11/2019 at 10:30	Lab: precision 2.8%, Bias 3.9%, Expanded Uncertainty 9.4%. Sampling Immeasurable
Outfall	Nickel (diss.filt)	>0.1 mg/l	Monthly	3.61	µg/l	TM152	19/11/2019 at 10:30	Lab: precision 2.8%, Bias 1.3%, Expanded Uncertainty 6.9%. Sampling Immeasurable
Outfall	Sulphate	>300 mg/l	Monthly	175	mg/l	TM184	19/11/2019 at 10:30	Lab: precision 2.4%, Bias 4.0%, Expanded Uncertainty 8.8%. Sampling Immeasurable
Outfall	Chloride	>300 mg/l	Monthly	188	mg/l	TM184	19/11/2019 at 10:30	Lab: precision 3.0%, Bias 5.8%, Expanded Uncertainty 11.7%. Sampling Immeasurable
Outfall	Nitrite as N	>1 mg/l	Monthly	0.0161	mg/l	TM184	19/11/2019 at 10:30	Lab: precision 1.3%, Bias 0%, Expanded Uncertainty 2.6%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
Outfall	Phosphate (ortho) as PO ₄	>1 mg/l	Monthly	0.355	mg/l	TM184	19/11/2019 at 10:30	Lab: precision 1.7%, Bias 2.1%, Expanded Uncertainty 5.5%. Sampling Immeasurable
Outfall	Nitrate as N	>1 mg/l	Monthly	<0.0677	mg/l	TM184	19/11/2019 at 10:30	Lab: precision 2.2%, Bias 1.1%, Expanded Uncertainty 5.5%. Sampling Immeasurable
Outfall	Total Oxidised Nitrogen as N	>2 mg/l	Monthly	<0.1	mg/l	TM184	19/11/2019 at 10:30	Lab: precision 3.2%, Bias 4.3%, Expanded Uncertainty 10.6%. Sampling Immeasurable
Outfall	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Monthly	2.77	mg/l	TM187	19/11/2019 at 10:30	Lab: Unknown. Sampling: Immeasurable
Outfall	Cadmium (tot.unfilt)	>0.005 mg/l	Monthly	<0.5	µg/l	TM152	19/11/2019 at 10:30	Lab: precision 4.2%, Bias - 8.7%, Expanded Uncertainty 17.1%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
Outfall	Zinc (tot.unfilt)	>1 mg/l	Monthly	38.6	µg/l	TM152	19/11/2019 at 10:30	Lab: precision 2.8%, Bias - 0.7%, Expanded Uncertainty 6.4%. Sampling Immeasurable
Outfall	Calcium (tot.unfilt)	>300 mg/l	Monthly	188	mg/l	TM152	19/11/2019 at 10:30	Lab: precision 3.8%, Bias 3.3%, Expanded Uncertainty 10.8%. Sampling Immeasurable
Outfall	pH	6.8 – 8.5	Monthly	8.2	pH Units	TM256	19/11/2019 at 10:30	Lab: precision 0%, Bias 0.1%, Expanded Uncertainty 0.1%. Sampling Immeasurable
Outfall	Total Aliphatics & Aromatics >C5-C35	>2 mg/l	Monthly	<10	µg/l	TM174	19/11/2019 at 10:30	Lab: Unknown. Sampling: Immeasurable
SW04	Suspended Solids, Total	>250 mg/l (1 occasion) >100 mg/l (3 consecutive occasions) >60 mg/l (4 consecutive occasions)	Quarterly	4.5	mg/l	TM022	19/11/2019 at 16:30	Lab: precision 1.1%, Bias - 0.7%, Expanded Uncertainty 2.9%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW04	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	<1.67	mg/l	TM045	19/11/2019 at 16:30	Lab: precision 5.9%, Bias - 2.7%, Expanded Uncertainty 14.5%. Sampling Immeasurable
SW04	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	1.05	mg/l	TM099	19/11/2019 at 16:30	Lab: precision 1.5%, Bias 1.7%, Expanded Uncertainty 4.7%. Sampling Immeasurable
SW04	Conductivity	>2000 µS/cm	Quarterly	1	mS/cm	TM120	19/11/2019 at 16:30	Lab: precision 0.6%, Bias 3%, Expanded Uncertainty 4.4%. Sampling Immeasurable
SW04	Lead (diss.filt)	>0.25 mg/l	Quarterly	<0.2	µg/l	TM152	19/11/2019 at 16:30	Lab: precision 2.8%, Bias 3.9%, Expanded Uncertainty 9.4%. Sampling Immeasurable
SW04	Nickel (diss.filt)	>0.1 mg/l	Quarterly	3.08	µg/l	TM152	19/11/2019 at 16:30	Lab: precision 2.8%, Bias 1.3%, 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⁾
SW04	Sulphate	>300 mg/l	Quarterly	141	mg/l	TM184	19/11/2019 at 16:30	Lab: precision 2.4%, Bias 4.0%, Expanded Uncertainty 8.8%. Sampling Immeasurable
SW04	Chloride	>300 mg/l	Quarterly	162	mg/l	TM184	19/11/2019 at 16:30	Lab: precision 3.0%, Bias 5.8%, Expanded Uncertainty 11.7%. Sampling Immeasurable
SW04	Nitrite as N	>1 mg/l	Quarterly	<0.0152	mg/l	TM184	19/11/2019 at 16:30	Lab: precision 1.3%, Bias 0%, Expanded Uncertainty 2.6%. Sampling Immeasurable
SW04	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	0.501	mg/l	TM184	19/11/2019 at 16:30	Lab: precision 1.7%, Bias 2.1%, Expanded Uncertainty 5.5%. Sampling Immeasurable
SW04	Nitrate as N	>1 mg/l	Quarterly	<0.0677	mg/l	TM184	19/11/2019 at 16:30	Lab: precision 2.2%, Bias 1.1%, Expanded Uncertainty 5.5%. Sampling Immeasurable
SW04	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	<0.1	mg/l	TM184	19/11/2019 at 16:30	Lab: precision 3.2%, Bias 4.3%, Expanded Uncertainty 10.6%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW04	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	1.28	mg/l	TM187	19/11/2019 at 16:30	Lab: Unknown. Sampling: Immeasurable
SW04	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<0.5	µg/l	TM152	19/11/2019 at 16:30	Lab: precision 4.2%, Bias - 8.7%, Expanded Uncertainty 17.1%. Sampling Immeasurable
SW04	Zinc (tot.unfilt)	>1 mg/l	Quarterly	14.2	µg/l	TM152	19/11/2019 at 16:30	Lab: precision 2.8%, Bias - 0.7%, Expanded Uncertainty 6.4%. Sampling Immeasurable
SW04	Calcium (tot.unfilt)	>300 mg/l	Quarterly	169	mg/l	TM152	19/11/2019 at 16:30	Lab: precision 3.8%, Bias 3.3%, Expanded Uncertainty 10.8%. Sampling Immeasurable
SW04	pH	6.8 – 8.5	Quarterly	7.53	pH Units	TM256	19/11/2019 at 16:30	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⁾
SW04	Total Aliphatics & Aromatics >C5-C35	>2 mg/l	Quarterly	<10	µg/l	TM174	19/11/2019 at 16:30	Lab: Unknown. Sampling: Immeasurable
SW05	Suspended Solids, Total	>250 mg/l (1 occasion) >100 mg/l (3 consecutive occasions) >60 mg/l (4 consecutive occasions)	Quarterly	7.5	mg/l	TM022	19/11/2019 at 11:00	Lab: precision 1.1%, Bias - 0.7%, Expanded Uncertainty 2.9%. Sampling Immeasurable
SW05	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	<1.67	mg/l	TM045	19/11/2019 at 11:00	Lab: precision 5.9%, Bias - 2.7%, Expanded Uncertainty 14.5%. Sampling Immeasurable
SW05	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	1.4	mg/l	TM099	19/11/2019 at 11:00	Lab: precision 1.5%, Bias 1.7%, Expanded Uncertainty 4.7%. Sampling Immeasurable
SW05	Conductivity	>2000 µS/cm	Quarterly	1.32	mS/cm	TM120	19/11/2019 at 11:00	Lab: precision 0.6%, 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⁾
SW05	Lead (diss.filt)	>0.25 mg/l	Quarterly	0.219	µg/l	TM152	19/11/2019 at 11:00	Lab: precision 2.8%, Bias 3.9%, Expanded Uncertainty 9.4%. Sampling Immeasurable
SW05	Nickel (diss.filt)	>0.1 mg/l	Quarterly	3.58	µg/l	TM152	19/11/2019 at 11:00	Lab: precision 2.8%, Bias 1.3%, Expanded Uncertainty 6.9%. Sampling Immeasurable
SW05	Sulphate	>300 mg/l	Quarterly	159	mg/l	TM184	19/11/2019 at 11:00	Lab: precision 2.4%, Bias 4.0%, Expanded Uncertainty 8.8%. Sampling Immeasurable
SW05	Chloride	>300 mg/l	Quarterly	196	mg/l	TM184	19/11/2019 at 11:00	Lab: precision 3.0%, Bias 5.8%, Expanded Uncertainty 11.7%. Sampling Immeasurable
SW05	Nitrite as N	>1 mg/l	Quarterly	<0.0152	mg/l	TM184	19/11/2019 at 11:00	Lab: precision 1.3%, Bias 0%, Expanded Uncertainty 2.6%. Sampling Immeasurable
SW05	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	0.499	mg/l	TM184	19/11/2019 at 11:00	Lab: precision 1.7%, Bias 2.1%, 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⁾
SW05	Nitrate as N	>1 mg/l	Quarterly	<0.0677	mg/l	TM184	19/11/2019 at 11:00	Lab: precision 2.2%, Bias 1.1%, Expanded Uncertainty 5.5%. Sampling Immeasurable
SW05	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	<0.1	mg/l	TM184	19/11/2019 at 11:00	Lab: precision 3.2%, Bias 4.3%, Expanded Uncertainty 10.6%. Sampling Immeasurable
SW05	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	2.78	mg/l	TM187	19/11/2019 at 11:00	Lab: Unknown. Sampling: Immeasurable
SW05	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<0.5	µg/l	TM152	19/11/2019 at 11:00	Lab: precision 4.2%, Bias - 8.7%, Expanded Uncertainty 17.1%. Sampling Immeasurable
SW05	Zinc (tot.unfilt)	>1 mg/l	Quarterly	25.6	µg/l	TM152	19/11/2019 at 11:00	Lab: precision 2.8%, Bias - 0.7%, Expanded Uncertainty 6.4%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW05	Calcium (tot.unfilt)	>300 mg/l	Quarterly	183	mg/l	TM152	19/11/2019 at 11:00	Lab: precision 3.8%, Bias 3.3%, Expanded Uncertainty 10.8%. Sampling Immeasurable
SW05	pH	6.8 – 8.5	Quarterly	7.71	pH Units	TM256	19/11/2019 at 11:00	Lab: precision 0%, Bias 0.1%, Expanded Uncertainty 0.1%. Sampling Immeasurable
SW05	Total Aliphatics & Aromatics >C5-C35	>2 mg/l	Quarterly	<10	µg/l	TM174	19/11/2019 at 11:00	Lab: Unknown. Sampling: Immeasurable
SW06	Suspended Solids, Total	>250 mg/l (1 occasion) >100 mg/l (3 consecutive occasions) >60 mg/l (4 consecutive occasions)	Quarterly	19.5	mg/l	TM022	19/11/2019 at 11:20	Lab: precision 1.1%, Bias - 0.7%, Expanded Uncertainty 2.9%. Sampling Immeasurable
SW06	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	<1.67	mg/l	TM045	19/11/2019 at 11:20	Lab: precision 5.9%, Bias - 2.7%, Expanded Uncertainty 14.5%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW06	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	1.64	mg/l	TM099	19/11/2019 at 11:20	Lab: precision 1.5%, Bias 1.7%, Expanded Uncertainty 4.7%. Sampling Immeasurable
SW06	Conductivity	>2000 µS/cm	Quarterly	1.25	mS/cm	TM120	19/11/2019 at 11:20	Lab: precision 0.6%, Bias 3%, Expanded Uncertainty 4.4%. Sampling Immeasurable
SW06	Lead (diss.filt)	>0.25 mg/l	Quarterly	0.251	µg/l	TM152	19/11/2019 at 11:20	Lab: precision 2.8%, Bias 3.9%, Expanded Uncertainty 9.4%. Sampling Immeasurable
SW06	Nickel (diss.filt)	>0.1 mg/l	Quarterly	3.9	µg/l	TM152	19/11/2019 at 11:20	Lab: precision 2.8%, Bias 1.3%, Expanded Uncertainty 6.9%. Sampling Immeasurable
SW06	Sulphate	>300 mg/l	Quarterly	150	mg/l	TM184	19/11/2019 at 11:20	Lab: precision 2.4%, Bias 4.0%, Expanded Uncertainty 8.8%. Sampling Immeasurable
SW06	Chloride	>300 mg/l	Quarterly	197	mg/l	TM184	19/11/2019 at 11:20	Lab: precision 3.0%, Bias 5.8%, 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⁾
SW06	Nitrite as N	>1 mg/l	Quarterly	0.0158	mg/l	TM184	19/11/2019 at 11:20	Lab: precision 1.3%, Bias 0%, Expanded Uncertainty 2.6%. Sampling Immeasurable
SW06	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	0.546	mg/l	TM184	19/11/2019 at 11:20	Lab: precision 1.7%, Bias 2.1%, Expanded Uncertainty 5.5%. Sampling Immeasurable
SW06	Nitrate as N	>1 mg/l	Quarterly	<0.0677	mg/l	TM184	19/11/2019 at 11:20	Lab: precision 2.2%, Bias 1.1%, Expanded Uncertainty 5.5%. Sampling Immeasurable
SW06	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	<0.1	mg/l	TM184	19/11/2019 at 11:20	Lab: precision 3.2%, Bias 4.3%, Expanded Uncertainty 10.6%. Sampling Immeasurable
SW06	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	2.68	mg/l	TM187	19/11/2019 at 11:20	Lab: Unknown. Sampling: Immeasurable
SW06	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<0.5	µg/l	TM152	19/11/2019 at 11:20	Lab: precision 4.2%, Bias - 8.7%, Expanded Uncertainty 17.1%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW06	Zinc (tot.unfilt)	>1 mg/l	Quarterly	33.8	µg/l	TM152	19/11/2019 at 11:20	Lab: precision 2.8%, Bias - 0.7%, Expanded Uncertainty 6.4%. Sampling Immeasurable
SW06	Calcium (tot.unfilt)	>300 mg/l	Quarterly	180	mg/l	TM152	19/11/2019 at 11:20	Lab: precision 3.8%, Bias 3.3%, Expanded Uncertainty 10.8%. Sampling Immeasurable
SW06	pH	6.8 – 8.5	Quarterly	7.93	pH Units	TM256	19/11/2019 at 11:20	Lab: precision 0%, Bias 0.1%, Expanded Uncertainty 0.1%. Sampling Immeasurable
SW06	Total Aliphatics & Aromatics >C5-C35	>2 mg/l	Quarterly	<10	µg/l	TM174	19/11/2019 at 11:20	Lab: Unknown. Sampling: Immeasurable
SW07	Suspended Solids, Total	>250 mg/l (1 occasion) >100 mg/l (3 consecutive occasions) >60 mg/l (4 consecutive occasions)	Quarterly	9.5	mg/l	TM022	19/11/2019 at 11:40	Lab: precision 1.1%, Bias - 0.7%, Expanded Uncertainty 2.9%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW07	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	<1.67	mg/l	TM045	19/11/2019 at 11:40	Lab: precision 5.9%, Bias - 2.7%, Expanded Uncertainty 14.5%. Sampling Immeasurable
SW07	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	1.19	mg/l	TM099	19/11/2019 at 11:40	Lab: precision 1.5%, Bias 1.7%, Expanded Uncertainty 4.7%. Sampling Immeasurable
SW07	Conductivity	>2000 µS/cm	Quarterly	1.26	mS/cm	TM120	19/11/2019 at 11:40	Lab: precision 0.6%, Bias 3%, Expanded Uncertainty 4.4%. Sampling Immeasurable
SW07	Lead (diss.filt)	>0.25 mg/l	Quarterly	0.203	µg/l	TM152	19/11/2019 at 11:40	Lab: precision 2.8%, Bias 3.9%, Expanded Uncertainty 9.4%. Sampling Immeasurable
SW07	Nickel (diss.filt)	>0.1 mg/l	Quarterly	3.69	µg/l	TM152	19/11/2019 at 11:40	Lab: precision 2.8%, Bias 1.3%, 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⁾
SW07	Sulphate	>300 mg/l	Quarterly	186	mg/l	TM184	19/11/2019 at 11:40	Lab: precision 2.4%, Bias 4.0%, Expanded Uncertainty 8.8%. Sampling Immeasurable
SW07	Chloride	>300 mg/l	Quarterly	189	mg/l	TM184	19/11/2019 at 11:40	Lab: precision 3.0%, Bias 5.8%, Expanded Uncertainty 11.7%. Sampling Immeasurable
SW07	Nitrite as N	>1 mg/l	Quarterly	<0.0152	mg/l	TM184	19/11/2019 at 11:40	Lab: precision 1.3%, Bias 0%, Expanded Uncertainty 2.6%. Sampling Immeasurable
SW07	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	0.427	mg/l	TM184	19/11/2019 at 11:40	Lab: precision 1.7%, Bias 2.1%, Expanded Uncertainty 5.5%. Sampling Immeasurable
SW07	Nitrate as N	>1 mg/l	Quarterly	<0.0677	mg/l	TM184	19/11/2019 at 11:40	Lab: precision 2.2%, Bias 1.1%, Expanded Uncertainty 5.5%. Sampling Immeasurable
SW07	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	<0.1	mg/l	TM184	19/11/2019 at 11:40	Lab: precision 3.2%, Bias 4.3%, Expanded Uncertainty 10.6%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW07	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	2.92	mg/l	TM187	19/11/2019 at 11:40	Lab: Unknown. Sampling: Immeasurable
SW07	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<0.5	µg/l	TM152	19/11/2019 at 11:40	Lab: precision 4.2%, Bias - 8.7%, Expanded Uncertainty 17.1%. Sampling Immeasurable
SW07	Zinc (tot.unfilt)	>1 mg/l	Quarterly	16.1	µg/l	TM152	19/11/2019 at 11:40	Lab: precision 2.8%, Bias - 0.7%, Expanded Uncertainty 6.4%. Sampling Immeasurable
SW07	Calcium (tot.unfilt)	>300 mg/l	Quarterly	186	mg/l	TM152	19/11/2019 at 11:40	Lab: precision 3.8%, Bias 3.3%, Expanded Uncertainty 10.8%. Sampling Immeasurable
SW07	pH	6.8 – 8.5	Quarterly	7.5	pH Units	TM256	19/11/2019 at 11:40	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⁾
SW07	Total Aliphatics & Aromatics >C5-C35	>2 mg/l	Quarterly	<10	µg/l	TM174	19/11/2019 at 11:40	Lab: Unknown. Sampling: Immeasurable
SW08	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	19/11/2019 at 11:55	Lab: precision 1.1%, Bias - 0.7%, Expanded Uncertainty 2.9%. Sampling Immeasurable
SW08	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	2.28	mg/l	TM045	19/11/2019 at 11:55	Lab: precision 5.9%, Bias - 2.7%, Expanded Uncertainty 14.5%. Sampling Immeasurable
SW08	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	0.646	mg/l	TM099	19/11/2019 at 11:55	Lab: precision 1.5%, Bias 1.7%, Expanded Uncertainty 4.7%. Sampling Immeasurable
SW08	Conductivity	>2000 µS/cm	Quarterly	0.62	mS/cm	TM120	19/11/2019 at 11:55	Lab: precision 0.6%, 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⁾
SW08	Lead (diss.filt)	>0.25 mg/l	Quarterly	<0.2	µg/l	TM152	19/11/2019 at 11:55	Lab: precision 2.8%, Bias 3.9%, Expanded Uncertainty 9.4%. Sampling Immeasurable
SW08	Nickel (diss.filt)	>0.1 mg/l	Quarterly	1.49	µg/l	TM152	19/11/2019 at 11:55	Lab: precision 2.8%, Bias 1.3%, Expanded Uncertainty 6.9%. Sampling Immeasurable
SW08	Sulphate	>300 mg/l	Quarterly	66.3	mg/l	TM184	19/11/2019 at 11:55	Lab: precision 2.4%, Bias 4.0%, Expanded Uncertainty 8.8%. Sampling Immeasurable
SW08	Chloride	>300 mg/l	Quarterly	63	mg/l	TM184	19/11/2019 at 11:55	Lab: precision 3.0%, Bias 5.8%, Expanded Uncertainty 11.7%. Sampling Immeasurable
SW08	Nitrite as N	>1 mg/l	Quarterly	<0.0152	mg/l	TM184	19/11/2019 at 11:55	Lab: precision 1.3%, Bias 0%, Expanded Uncertainty 2.6%. Sampling Immeasurable
SW08	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	0.356	mg/l	TM184	19/11/2019 at 11:55	Lab: precision 1.7%, Bias 2.1%, 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⁾
SW08	Nitrate as N	>1 mg/l	Quarterly	<0.0677	mg/l	TM184	19/11/2019 at 11:55	Lab: precision 2.2%, Bias 1.1%, Expanded Uncertainty 5.5%. Sampling Immeasurable
SW08	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	<0.1	mg/l	TM184	19/11/2019 at 11:55	Lab: precision 3.2%, Bias 4.3%, Expanded Uncertainty 10.6%. Sampling Immeasurable
SW08	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	3.7	mg/l	TM187	19/11/2019 at 11:55	Lab: Unknown. Sampling: Immeasurable
SW08	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<0.5	µg/l	TM152	19/11/2019 at 11:55	Lab: precision 4.2%, Bias - 8.7%, Expanded Uncertainty 17.1%. Sampling Immeasurable
SW08	Zinc (tot.unfilt)	>1 mg/l	Quarterly	18.3	µg/l	TM152	19/11/2019 at 11:55	Lab: precision 2.8%, Bias - 0.7%, Expanded Uncertainty 6.4%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW08	Calcium (tot.unfilt)	>300 mg/l	Quarterly	109	mg/l	TM152	19/11/2019 at 11:55	Lab: precision 3.8%, Bias 3.3%, Expanded Uncertainty 10.8%. Sampling Immeasurable
SW08	pH	6.8 – 8.5	Quarterly	8.36	pH Units	TM256	19/11/2019 at 11:55	Lab: precision 0%, Bias 0.1%, Expanded Uncertainty 0.1%. Sampling Immeasurable
SW08	Total Aliphatics & Aromatics >C5-C35	>2 mg/l	Quarterly	<10	µg/l	TM174	19/11/2019 at 11:55	Lab: Unknown. Sampling: Immeasurable
SW09	Suspended Solids, Total	>250 mg/l (1 occasion) >100 mg/l (3 consecutive occasions) >60 mg/l (4 consecutive occasions)	Monthly	10	mg/l	TM022	19/11/2019 at 10:45	Lab: precision 1.1%, Bias - 0.7%, Expanded Uncertainty 2.9%. Sampling Immeasurable
SW09	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Monthly	<1	mg/l	TM045	19/11/2019 at 10:45	Lab: precision 5.9%, Bias - 2.7%, Expanded Uncertainty 14.5%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW09	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Monthly	1.09	mg/l	TM099	19/11/2019 at 10:45	Lab: precision 1.5%, Bias 1.7%, Expanded Uncertainty 4.7%. Sampling Immeasurable
SW09	Conductivity	>2000 µS/cm	Monthly	1.23	mS/cm	TM120	19/11/2019 at 10:45	Lab: precision 0.6%, Bias 3%, Expanded Uncertainty 4.4%. Sampling Immeasurable
SW09	Lead (diss.filt)	>0.25 mg/l	Monthly	<0.2	µg/l	TM152	19/11/2019 at 10:45	Lab: precision 2.8%, Bias 3.9%, Expanded Uncertainty 9.4%. Sampling Immeasurable
SW09	Nickel (diss.filt)	>0.1 mg/l	Monthly	3.38	µg/l	TM152	19/11/2019 at 10:45	Lab: precision 2.8%, Bias 1.3%, Expanded Uncertainty 6.9%. Sampling Immeasurable
SW09	Sulphate	>300 mg/l	Monthly	176	mg/l	TM184	19/11/2019 at 10:45	Lab: precision 2.4%, Bias 4.0%, Expanded Uncertainty 8.8%. Sampling Immeasurable
SW09	Chloride	>300 mg/l	Monthly	191	mg/l	TM184	19/11/2019 at 10:45	Lab: precision 3.0%, Bias 5.8%, 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⁾
SW09	Nitrite as N	>1 mg/l	Monthly	0.0152	mg/l	TM184	19/11/2019 at 10:45	Lab: precision 1.3%, Bias 0%, Expanded Uncertainty 2.6%. Sampling Immeasurable
SW09	Phosphate (ortho) as PO ₄	>1 mg/l	Monthly	0.393	mg/l	TM184	19/11/2019 at 10:45	Lab: precision 1.7%, Bias 2.1%, Expanded Uncertainty 5.5%. Sampling Immeasurable
SW09	Nitrate as N	>1 mg/l	Monthly	<0.0677	mg/l	TM184	19/11/2019 at 10:45	Lab: precision 2.2%, Bias 1.1%, Expanded Uncertainty 5.5%. Sampling Immeasurable
SW09	Total Oxidised Nitrogen as N	>2 mg/l	Monthly	<0.1	mg/l	TM184	19/11/2019 at 10:45	Lab: precision 3.2%, Bias 4.3%, Expanded Uncertainty 10.6%. Sampling Immeasurable
SW09	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Monthly	2.96	mg/l	TM187	19/11/2019 at 10:45	Lab: Unknown. Sampling: Immeasurable
SW09	Cadmium (tot.unfilt)	>0.005 mg/l	Monthly	<5	µg/l	TM152	19/11/2019 at 10:45	Lab: precision 4.2%, Bias - 8.7%, Expanded Uncertainty 17.1%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW09	Zinc (tot.unfilt)	>1 mg/l	Monthly	<50	µg/l	TM152	19/11/2019 at 10:45	Lab: precision 2.8%, Bias - 0.7%, Expanded Uncertainty 6.4%. Sampling Immeasurable
SW09	Calcium (tot.unfilt)	>300 mg/l	Monthly	173	mg/l	TM152	19/11/2019 at 10:45	Lab: precision 3.8%, Bias 3.3%, Expanded Uncertainty 10.8%. Sampling Immeasurable
SW09	pH	6.8 – 8.5	Monthly	7.32	pH Units	TM256	19/11/2019 at 10:45	Lab: precision 0%, Bias 0.1%, Expanded Uncertainty 0.1%. Sampling Immeasurable
SW09	Total Aliphatics & Aromatics >C5-C35	>2 mg/l	Monthly	<10	µg/l	TM174	19/11/2019 at 10:45	Lab: Unknown. Sampling: Immeasurable
SW10	Suspended Solids, Total	>250 mg/l (1 occasion) >100 mg/l (3 consecutive occasions) >60 mg/l (4 consecutive occasions)	Quarterly	34.5	mg/l	TM022	19/11/2019 at 12:00	Lab: precision 1.1%, Bias - 0.7%, Expanded Uncertainty 2.9%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW10	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	2.33	mg/l	TM045	19/11/2019 at 12:00	Lab: precision 5.9%, Bias - 2.7%, Expanded Uncertainty 14.5%. Sampling Immeasurable
SW10	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	1.12	mg/l	TM099	19/11/2019 at 12:00	Lab: precision 1.5%, Bias 1.7%, Expanded Uncertainty 4.7%. Sampling Immeasurable
SW10	Conductivity	>2000 µS/cm	Quarterly	1.23	mS/cm	TM120	19/11/2019 at 12:00	Lab: precision 0.6%, Bias 3%, Expanded Uncertainty 4.4%. Sampling Immeasurable
SW10	Lead (diss.filt)	>0.25 mg/l	Quarterly	0.417	µg/l	TM152	19/11/2019 at 12:00	Lab: precision 2.8%, Bias 3.9%, Expanded Uncertainty 9.4%. Sampling Immeasurable
SW10	Nickel (diss.filt)	>0.1 mg/l	Quarterly	4.12	µg/l	TM152	19/11/2019 at 12:00	Lab: precision 2.8%, Bias 1.3%, 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⁾
SW10	Sulphate	>300 mg/l	Quarterly	178	mg/l	TM184	19/11/2019 at 12:00	Lab: precision 2.4%, Bias 4.0%, Expanded Uncertainty 8.8%. Sampling Immeasurable
SW10	Chloride	>300 mg/l	Quarterly	190	mg/l	TM184	19/11/2019 at 12:00	Lab: precision 3.0%, Bias 5.8%, Expanded Uncertainty 11.7%. Sampling Immeasurable
SW10	Nitrite as N	>1 mg/l	Quarterly	<0.0152	8 mg/l	TM184	19/11/2019 at 12:00	Lab: precision 1.3%, Bias 0%, Expanded Uncertainty 2.6%. Sampling Immeasurable
SW10	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	0.311	5 mg/l	TM184	19/11/2019 at 12:00	Lab: precision 1.7%, Bias 2.1%, Expanded Uncertainty 5.5%. Sampling Immeasurable
SW10	Nitrate as N	>1 mg/l	Quarterly	<0.0677	mg/l	TM184	19/11/2019 at 12:00	Lab: precision 2.2%, Bias 1.1%, Expanded Uncertainty 5.5%. Sampling Immeasurable
SW10	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	<0.1	mg/l	TM184	19/11/2019 at 12:00	Lab: precision 3.2%, Bias 4.3%, Expanded Uncertainty 10.6%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW10	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	1.35	mg/l	TM187	19/11/2019 at 12:00	Lab: Unknown. Sampling: Immeasurable
SW10	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<0.5	µg/l	TM152	19/11/2019 at 12:00	Lab: precision 4.2%, Bias - 8.7%, Expanded Uncertainty 17.1%. Sampling Immeasurable
SW10	Zinc (tot.unfilt)	>1 mg/l	Quarterly	38.7	µg/l	TM152	19/11/2019 at 12:00	Lab: precision 2.8%, Bias - 0.7%, Expanded Uncertainty 6.4%. Sampling Immeasurable
SW10	Calcium (tot.unfilt)	>300 mg/l	Quarterly	178	mg/l	TM152	19/11/2019 at 12:00	Lab: precision 3.8%, Bias 3.3%, Expanded Uncertainty 10.8%. Sampling Immeasurable
SW10	pH	6.8 – 8.5	Quarterly	8.26	pH Units	TM256	19/11/2019 at 12:00	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⁾
SW10	Total Aliphatics & Aromatics >C5-C35	>2 mg/l	Quarterly	<10	µg/l	TM174	19/11/2019 at 12:00	Lab: Unknown. Sampling: Immeasurable
SW11	Suspended Solids, Total	>250 mg/l (1 occasion) >100 mg/l (3 consecutive occasions) >60 mg/l (4 consecutive occasions)	Quarterly	10.5	mg/l	TM022	19/11/2019 at 12:15	Lab: precision 1.1%, Bias - 0.7%, Expanded Uncertainty 2.9%. Sampling Immeasurable
SW11	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	5.66	mg/l	TM045	19/11/2019 at 12:15	Lab: precision 5.9%, Bias - 2.7%, Expanded Uncertainty 14.5%. Sampling Immeasurable
SW11	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	4.5	mg/l	TM099	19/11/2019 at 12:15	Lab: precision 1.5%, Bias 1.7%, Expanded Uncertainty 4.7%. Sampling Immeasurable
SW11	Conductivity	>2000 µS/cm	Quarterly	1.4	mS/cm	TM120	19/11/2019 at 12:15	Lab: precision 0.6%, Bias 3%, Expanded Uncertainty 4.4%. Sampling Immeasurable
SW11	Lead (diss.filt)	>0.25 mg/l	Quarterly	2.05	µg/l	TM152	19/11/2019 at 12:15	Lab: precision 2.8%, Bias 3.9%, Expanded Uncertainty 9.4%.

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
								Sampling Immeasurable
SW11	Nickel (diss.filt)	>0.1 mg/l	Quarterly	5.78	µg/l	TM152	19/11/2019 at 12:15	Lab: precision 2.8%, Bias 1.3%, Expanded Uncertainty 6.9%. Sampling Immeasurable
SW11	Sulphate	>300 mg/l	Quarterly	229	mg/l	TM184	19/11/2019 at 12:15	Lab: precision 2.4%, Bias 4.0%, Expanded Uncertainty 8.8%. Sampling Immeasurable
SW11	Chloride	>300 mg/l	Quarterly	226	mg/l	TM184	19/11/2019 at 12:15	Lab: precision 3.0%, Bias 5.8%, Expanded Uncertainty 11.7%. Sampling Immeasurable
SW11	Nitrite as N	>1 mg/l	Quarterly	<0.0152	mg/l	TM184	19/11/2019 at 12:15	Lab: precision 1.3%, Bias 0%, Expanded Uncertainty 2.6%. Sampling Immeasurable
SW11	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	0.057	mg/l	TM184	19/11/2019 at 12:15	Lab: precision 1.7%, Bias 2.1%, 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⁾
SW11	Nitrate as N	>1 mg/l	Quarterly	0.277	mg/l	TM184	19/11/2019 at 12:15	Lab: precision 2.2%, Bias 1.1%, Expanded Uncertainty 5.5%. Sampling Immeasurable
SW11	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	0.345	mg/l	TM184	19/11/2019 at 12:15	Lab: precision 3.2%, Bias 4.3%, Expanded Uncertainty 10.6%. Sampling Immeasurable
SW11	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	4.12	mg/l	TM187	19/11/2019 at 12:15	Lab: Unknown. Sampling: Immeasurable
SW11	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	0.644	µg/l	TM152	19/11/2019 at 12:15	Lab: precision 4.2%, Bias - 8.7%, Expanded Uncertainty 17.1%. Sampling Immeasurable
SW11	Zinc (tot.unfilt)	>1 mg/l	Quarterly	81.7	µg/l	TM152	19/11/2019 at 12:15	Lab: precision 2.8%, Bias - 0.7%, Expanded Uncertainty 6.4%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW11	Calcium (tot.unfilt)	>300 mg/l	Quarterly	200	mg/l	TM152	19/11/2019 at 12:15	Lab: precision 3.8%, Bias 3.3%, Expanded Uncertainty 10.8%. Sampling Immeasurable
SW11	pH	6.8 – 8.5	Quarterly	7.39	pH Units	TM256	19/11/2019 at 12:15	Lab: precision 0%, Bias 0.1%, Expanded Uncertainty 0.1%. Sampling Immeasurable
SW11	Total Aliphatics & Aromatics >C5-C35	>2 mg/l	Quarterly	79	µg/l	TM174	19/11/2019 at 12:15	Lab: Unknown. Sampling: Immeasurable
SW12	Suspended Solids, Total	>250 mg/l (1 occasion) >100 mg/l (3 consecutive occasions) >60 mg/l (4 consecutive occasions)	Quarterly	2.5	mg/l	TM022	19/11/2019 at 12:30	Lab: precision 1.1%, Bias - 0.7%, Expanded Uncertainty 2.9%. Sampling Immeasurable
SW12	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	<1	mg/l	TM045	19/11/2019 at 12:30	Lab: precision 5.9%, Bias - 2.7%, Expanded Uncertainty 14.5%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW12	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	0.314	mg/l	TM099	19/11/2019 at 12:30	Lab: precision 1.5%, Bias 1.7%, Expanded Uncertainty 4.7%. Sampling Immeasurable
SW12	Conductivity	>2000 µS/cm	Quarterly	0.744	mS/cm	TM120	19/11/2019 at 12:30	Lab: precision 0.6%, Bias 3%, Expanded Uncertainty 4.4%. Sampling Immeasurable
SW12	Lead (diss.filt)	>0.25 mg/l	Quarterly	<0.2	µg/l	TM152	19/11/2019 at 12:30	Lab: precision 2.8%, Bias 3.9%, Expanded Uncertainty 9.4%. Sampling Immeasurable
SW12	Nickel (diss.filt)	>0.1 mg/l	Quarterly	2.76	µg/l	TM152	19/11/2019 at 12:30	Lab: precision 2.8%, Bias 1.3%, Expanded Uncertainty 6.9%. Sampling Immeasurable
SW12	Sulphate	>300 mg/l	Quarterly	90.8	mg/l	TM184	19/11/2019 at 12:30	Lab: precision 2.4%, Bias 4.0%, Expanded Uncertainty 8.8%. Sampling Immeasurable
SW12	Chloride	>300 mg/l	Quarterly	68.6	mg/l	TM184	19/11/2019 at 12:30	Lab: precision 3.0%, Bias 5.8%, 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⁾
SW12	Nitrite as N	>1 mg/l	Quarterly	0.0253	mg/l	TM184	19/11/2019 at 12:30	Lab: precision 1.3%, Bias 0%, Expanded Uncertainty 2.6%. Sampling Immeasurable
SW12	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	0.22	mg/l	TM184	19/11/2019 at 12:30	Lab: precision 1.7%, Bias 2.1%, Expanded Uncertainty 5.5%. Sampling Immeasurable
SW12	Nitrate as N	>1 mg/l	Quarterly	0.0714	mg/l	TM184	19/11/2019 at 12:30	Lab: precision 2.2%, Bias 1.1%, Expanded Uncertainty 5.5%. Sampling Immeasurable
SW12	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	<0.1	mg/l	TM184	19/11/2019 at 12:30	Lab: precision 3.2%, Bias 4.3%, Expanded Uncertainty 10.6%. Sampling Immeasurable
SW12	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	3.93	mg/l	TM187	19/11/2019 at 12:30	Lab: Unknown. Sampling: Immeasurable
SW12	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<5	µg/l	TM152	19/11/2019 at 12:30	Lab: precision 4.2%, Bias - 8.7%, Expanded Uncertainty 17.1%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW12	Zinc (tot.unfilt)	>1 mg/l	Quarterly	<50	µg/l	TM152	19/11/2019 at 12:30	Lab: precision 2.8%, Bias - 0.7%, Expanded Uncertainty 6.4%. Sampling Immeasurable
SW12	Calcium (tot.unfilt)	>300 mg/l	Quarterly	112	mg/l	TM152	19/11/2019 at 12:30	Lab: precision 3.8%, Bias 3.3%, Expanded Uncertainty 10.8%. Sampling Immeasurable
SW12	pH	6.8 – 8.5	Quarterly	7.73	pH Units	TM256	19/11/2019 at 12:30	Lab: precision 0%, Bias 0.1%, Expanded Uncertainty 0.1%. Sampling Immeasurable
SW12	Total Aliphatics & Aromatics >C5-C35	>2 mg/l	Quarterly	<10	µg/l	TM174	19/11/2019 at 12:30	Lab: Unknown. Sampling: Immeasurable
SW13	Suspended Solids, Total	>250 mg/l (1 occasion) >100 mg/l (3 consecutive occasions) >60 mg/l (4 consecutive occasions)	Quarterly	19	mg/l	TM022	19/11/2019 at 12:45	Lab: precision 1.1%, Bias - 0.7%, Expanded Uncertainty 2.9%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW13	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	<1.67	mg/l	TM045	19/11/2019 at 12:45	Lab: precision 5.9%, Bias - 2.7%, Expanded Uncertainty 14.5%. Sampling Immeasurable
SW13	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	3.18	mg/l	TM099	19/11/2019 at 12:45	Lab: precision 1.5%, Bias 1.7%, Expanded Uncertainty 4.7%. Sampling Immeasurable
SW13	Conductivity	>2000 µS/cm	Quarterly	1.12	mS/cm	TM120	19/11/2019 at 12:45	Lab: precision 0.6%, Bias 3%, Expanded Uncertainty 4.4%. Sampling Immeasurable
SW13	Lead (diss.filt)	>0.25 mg/l	Quarterly	1	µg/l	TM152	19/11/2019 at 12:45	Lab: precision 2.8%, Bias 3.9%, Expanded Uncertainty 9.4%. Sampling Immeasurable
SW13	Nickel (diss.filt)	>0.1 mg/l	Quarterly	14.4	µg/l	TM152	19/11/2019 at 12:45	Lab: precision 2.8%, Bias 1.3%, 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⁾
SW13	Sulphate	>300 mg/l	Quarterly	52	mg/l	TM184	19/11/2019 at 12:45	Lab: precision 2.4%, Bias 4.0%, Expanded Uncertainty 8.8%. Sampling Immeasurable
SW13	Chloride	>300 mg/l	Quarterly	106	mg/l	TM184	19/11/2019 at 12:45	Lab: precision 3.0%, Bias 5.8%, Expanded Uncertainty 11.7%. Sampling Immeasurable
SW13	Nitrite as N	>1 mg/l	Quarterly	0.0435	mg/l	TM184	19/11/2019 at 12:45	Lab: precision 1.3%, Bias 0%, Expanded Uncertainty 2.6%. Sampling Immeasurable
SW13	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	4.69	mg/l	TM184	19/11/2019 at 12:45	Lab: precision 1.7%, Bias 2.1%, Expanded Uncertainty 5.5%. Sampling Immeasurable
SW13	Nitrate as N	>1 mg/l	Quarterly	0.393	mg/l	TM184	19/11/2019 at 12:45	Lab: precision 2.2%, Bias 1.1%, Expanded Uncertainty 5.5%. Sampling Immeasurable
SW13	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	0.437	mg/l	TM184	19/11/2019 at 12:45	Lab: precision 3.2%, Bias 4.3%, Expanded Uncertainty 10.6%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW13	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	2.04	mg/l	TM187	19/11/2019 at 12:45	Lab: Unknown. Sampling: Immeasurable
SW13	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<0.5	µg/l	TM152	19/11/2019 at 12:45	Lab: precision 4.2%, Bias - 8.7%, Expanded Uncertainty 17.1%. Sampling Immeasurable
SW13	Zinc (tot.unfilt)	>1 mg/l	Quarterly	39.5	µg/l	TM152	19/11/2019 at 12:45	Lab: precision 2.8%, Bias - 0.7%, Expanded Uncertainty 6.4%. Sampling Immeasurable
SW13	Calcium (tot.unfilt)	>300 mg/l	Quarterly	148	mg/l	TM152	19/11/2019 at 12:45	Lab: precision 3.8%, Bias 3.3%, Expanded Uncertainty 10.8%. Sampling Immeasurable
SW13	pH	6.8 – 8.5	Quarterly	8.25	pH Units	TM256	19/11/2019 at 12:45	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⁾
SW13	Total Aliphatics & Aromatics >C5-C35	>2 mg/l	Quarterly	<10	µg/l	TM174	19/11/2019 at 12:45	Lab: Unknown. Sampling: Immeasurable
SW15	Suspended Solids, Total	>250 mg/l (1 occasion) >100 mg/l (3 consecutive occasions) >60 mg/l (4 consecutive occasions)	Quarterly	8	mg/l	TM022	19/11/2019 at 13:00	Lab: precision 1.1%, Bias - 0.7%, Expanded Uncertainty 2.9%. Sampling Immeasurable
SW15	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	<1.67	mg/l	TM045	19/11/2019 at 13:00	Lab: precision 5.9%, Bias - 2.7%, Expanded Uncertainty 14.5%. Sampling Immeasurable
SW15	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	0.264	mg/l	TM099	19/11/2019 at 13:00	Lab: precision 1.5%, Bias 1.7%, Expanded Uncertainty 4.7%. Sampling Immeasurable
SW15	Conductivity	>2000 µS/cm	Quarterly	0.948	mS/cm	TM120	19/11/2019 at 13:00	Lab: precision 0.6%, 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⁾
SW15	Lead (diss.filt)	>0.25 mg/l	Quarterly	0.201	µg/l	TM152	19/11/2019 at 13:00	Lab: precision 2.8%, Bias 3.9%, Expanded Uncertainty 9.4%. Sampling Immeasurable
SW15	Nickel (diss.filt)	>0.1 mg/l	Quarterly	1.86	µg/l	TM152	19/11/2019 at 13:00	Lab: precision 2.8%, Bias 1.3%, Expanded Uncertainty 6.9%. Sampling Immeasurable
SW15	Sulphate	>300 mg/l	Quarterly	188	mg/l	TM184	19/11/2019 at 13:00	Lab: precision 2.4%, Bias 4.0%, Expanded Uncertainty 8.8%. Sampling Immeasurable
SW15	Chloride	>300 mg/l	Quarterly	95.7	mg/l	TM184	19/11/2019 at 13:00	Lab: precision 3.0%, Bias 5.8%, Expanded Uncertainty 11.7%. Sampling Immeasurable
SW15	Nitrite as N	>1 mg/l	Quarterly	0.049	mg/l	TM184	19/11/2019 at 13:00	Lab: precision 1.3%, Bias 0%, Expanded Uncertainty 2.6%. Sampling Immeasurable
SW15	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	0.324	mg/l	TM184	19/11/2019 at 13:00	Lab: precision 1.7%, Bias 2.1%, 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⁾
SW15	Nitrate as N	>1 mg/l	Quarterly	0.636	mg/l	TM184	19/11/2019 at 13:00	Lab: precision 2.2%, Bias 1.1%, Expanded Uncertainty 5.5%. Sampling Immeasurable
SW15	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	0.685	mg/l	TM184	19/11/2019 at 13:00	Lab: precision 3.2%, Bias 4.3%, Expanded Uncertainty 10.6%. Sampling Immeasurable
SW15	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	6.62	mg/l	TM187	19/11/2019 at 13:00	Lab: Unknown. Sampling: Immeasurable
SW15	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<5	µg/l	TM152	19/11/2019 at 13:00	Lab: precision 4.2%, Bias - 8.7%, Expanded Uncertainty 17.1%. Sampling Immeasurable
SW15	Zinc (tot.unfilt)	>1 mg/l	Quarterly	70.3	µg/l	TM152	19/11/2019 at 13:00	Lab: precision 2.8%, Bias - 0.7%, Expanded Uncertainty 6.4%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW15	Calcium (tot.unfilt)	>300 mg/l	Quarterly	154	mg/l	TM152	19/11/2019 at 13:00	Lab: precision 3.8%, Bias 3.3%, Expanded Uncertainty 10.8%. Sampling Immeasurable
SW15	pH	6.8 – 8.5	Quarterly	8.21	pH Units	TM256	19/11/2019 at 13:00	Lab: precision 0%, Bias 0.1%, Expanded Uncertainty 0.1%. Sampling Immeasurable
SW15	Total Aliphatics & Aromatics >C5-C35	>2 mg/l	Quarterly	<10	µg/l	TM174	19/11/2019 at 13:00	Lab: Unknown. Sampling: Immeasurable
SW16	Suspended Solids, Total	>250 mg/l (1 occasion) >100 mg/l (3 consecutive occasions) >60 mg/l (4 consecutive occasions)	Quarterly	47	mg/l	TM022	19/11/2019 at 13:45	Lab: precision 1.1%, Bias - 0.7%, Expanded Uncertainty 2.9%. Sampling Immeasurable
SW16	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	11.1	mg/l	TM045	19/11/2019 at 13:45	Lab: precision 5.9%, Bias - 2.7%, Expanded Uncertainty 14.5%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW16	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	<0.2	mg/l	TM099	19/11/2019 at 13:45	Lab: precision 1.5%, Bias 1.7%, Expanded Uncertainty 4.7%. Sampling Immeasurable
SW16	Conductivity	>2000 µS/cm	Quarterly	0.955	mS/cm	TM120	19/11/2019 at 13:45	Lab: precision 0.6%, Bias 3%, Expanded Uncertainty 4.4%. Sampling Immeasurable
SW16	Lead (diss.filt)	>0.25 mg/l	Quarterly	<0.2	µg/l	TM152	19/11/2019 at 13:45	Lab: precision 2.8%, Bias 3.9%, Expanded Uncertainty 9.4%. Sampling Immeasurable
SW16	Nickel (diss.filt)	>0.1 mg/l	Quarterly	1.93	µg/l	TM152	19/11/2019 at 13:45	Lab: precision 2.8%, Bias 1.3%, Expanded Uncertainty 6.9%. Sampling Immeasurable
SW16	Sulphate	>300 mg/l	Quarterly	193	mg/l	TM184	19/11/2019 at 13:45	Lab: precision 2.4%, Bias 4.0%, Expanded Uncertainty 8.8%. Sampling Immeasurable
SW16	Chloride	>300 mg/l	Quarterly	77.8	mg/l	TM184	19/11/2019 at 13:45	Lab: precision 3.0%, Bias 5.8%, 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⁾
SW16	Nitrite as N	>1 mg/l	Quarterly	0.0247	mg/l	TM184	19/11/2019 at 13:45	Lab: precision 1.3%, Bias 0%, Expanded Uncertainty 2.6%. Sampling Immeasurable
SW16	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	0.255	mg/l	TM184	19/11/2019 at 13:45	Lab: precision 1.7%, Bias 2.1%, Expanded Uncertainty 5.5%. Sampling Immeasurable
SW16	Nitrate as N	>1 mg/l	Quarterly	0.157	mg/l	TM184	19/11/2019 at 13:45	Lab: precision 2.2%, Bias 1.1%, Expanded Uncertainty 5.5%. Sampling Immeasurable
SW16	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	0.182	mg/l	TM184	19/11/2019 at 13:45	Lab: precision 3.2%, Bias 4.3%, Expanded Uncertainty 10.6%. Sampling Immeasurable
SW16	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	3.8	mg/l	TM187	19/11/2019 at 13:45	Lab: Unknown. Sampling: Immeasurable
SW16	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	2.08	µg/l	TM152	19/11/2019 at 13:45	Lab: precision 4.2%, Bias - 8.7%, Expanded Uncertainty 17.1%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW16	Zinc (tot.unfilt)	>1 mg/l	Quarterly	192	µg/l	TM152	19/11/2019 at 13:45	Lab: precision 2.8%, Bias - 0.7%, Expanded Uncertainty 6.4%. Sampling Immeasurable
SW16	Calcium (tot.unfilt)	>300 mg/l	Quarterly	192	mg/l	TM152	19/11/2019 at 13:45	Lab: precision 3.8%, Bias 3.3%, Expanded Uncertainty 10.8%. Sampling Immeasurable
SW16	pH	6.8 – 8.5	Quarterly	8.29	pH Units	TM256	19/11/2019 at 13:45	Lab: precision 0%, Bias 0.1%, Expanded Uncertainty 0.1%. Sampling Immeasurable
SW16	Total Aliphatics & Aromatics >C5-C35	>2 mg/l	Quarterly	<10	µg/l	TM174	19/11/2019 at 13:45	Lab: Unknown. Sampling: Immeasurable
SW17	Suspended Solids, Total	>250 mg/l (1 occasion) >100 mg/l (3 consecutive occasions) >60 mg/l (4 consecutive occasions)	Quarterly	20	mg/l	TM022	19/11/2019 at 14:00	Lab: precision 1.1%, Bias - 0.7%, Expanded Uncertainty 2.9%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW17	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	2	mg/l	TM045	19/11/2019 at 14:00	Lab: precision 5.9%, Bias - 2.7%, Expanded Uncertainty 14.5%. Sampling Immeasurable
SW17	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	0.235	mg/l	TM099	19/11/2019 at 14:00	Lab: precision 1.5%, Bias 1.7%, Expanded Uncertainty 4.7%. Sampling Immeasurable
SW17	Conductivity	>2000 µS/cm	Quarterly	0.807	mS/cm	TM120	19/11/2019 at 14:00	Lab: precision 0.6%, Bias 3%, Expanded Uncertainty 4.4%. Sampling Immeasurable
SW17	Lead (diss.filt)	>0.25 mg/l	Quarterly	<0.2	µg/l	TM152	19/11/2019 at 14:00	Lab: precision 2.8%, Bias 3.9%, Expanded Uncertainty 9.4%. Sampling Immeasurable
SW17	Nickel (diss.filt)	>0.1 mg/l	Quarterly	1.62	µg/l	TM152	19/11/2019 at 14:00	Lab: precision 2.8%, Bias 1.3%, Expanded Uncertainty 6.9%. Sampling Immeasurable
SW17	Sulphate	>300 mg/l	Quarterly	107	mg/l	TM184	19/11/2019 at 14:00	Lab: precision 2.4%, Bias 4.0%, Expanded Uncertainty 8.8%. Sampling Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Unit	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW17	Chloride	>300 mg/l	Quarterly	145	mg/l	TM184	19/11/2019 at 14:00	Lab: precision 3.0%, Bias 5.8%, Expanded Uncertainty 11.7%. Sampling Immeasurable
SW17	Nitrite as N	>1 mg/l	Quarterly	<0.0152	mg/l	TM184	19/11/2019 at 14:00	Lab: precision 1.3%, Bias 0%, Expanded Uncertainty 2.6%. Sampling Immeasurable
SW17	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	0.233	mg/l	TM184	19/11/2019 at 14:00	Lab: precision 1.7%, Bias 2.1%, Expanded Uncertainty 5.5%. Sampling Immeasurable
SW17	Nitrate as N	>1 mg/l	Quarterly	<0.677	mg/l	TM184	19/11/2019 at 14:00	Lab: precision 2.2%, Bias 1.1%, Expanded Uncertainty 5.5%. Sampling Immeasurable
SW17	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	<0.1	mg/l	TM184	19/11/2019 at 14:00	Lab: precision 3.2%, Bias 4.3%, Expanded Uncertainty 10.6%. Sampling Immeasurable
SW17	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	3.64	mg/l	TM187	19/11/2019 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⁾
SW17	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<0.5	µg/l	TM152	19/11/2019 at 14:00	Lab: precision 4.2%, Bias - 8.7%, Expanded Uncertainty 17.1%. Sampling Immeasurable
SW17	Zinc (tot.unfilt)	>1 mg/l	Quarterly	55.3	µg/l	TM152	19/11/2019 at 14:00	Lab: precision 2.8%, Bias - 0.7%, Expanded Uncertainty 6.4%. Sampling Immeasurable
SW17	Calcium (tot.unfilt)	>300 mg/l	Quarterly	137	mg/l	TM152	19/11/2019 at 14:00	Lab: precision 3.8%, Bias 3.3%, Expanded Uncertainty 10.8%. Sampling Immeasurable
SW17	pH	6.8 – 8.5	Quarterly	7.61	pH Units	TM256	19/11/2019 at 14:00	Lab: precision 0%, Bias 0.1%, Expanded Uncertainty 0.1%. Sampling Immeasurable
SW17	Total Aliphatics & Aromatics >C5-C35	>2 mg/l	Quarterly	<10	µg/l	TM174	19/11/2019 at 14:00	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
Adam Parker

Date: December 2019



(Authorised to sign as representative of Operator)

Adam Parker on behalf of Atlantic Recycling
Permit Number: EPR/PP3993VS