

Permit Number: EPR/VP3095FS

Operator: Neal Soils

Facility: Neal Soils

Form Number: Surfacewater1

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

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW1	Suspended Solids, Total	>250 mg/l (1 occasion) >100 mg/l (3 consecutive occasions) >60 mg/l (4 consecutive occasions)	Quarterly	310 mg/l	TM022	14/11/2016	Lab: Precision 1.4%, Bias -2.8%, Expanded Uncertainty 5.6%. Sampling: Immeasurable
SW1	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	<2.5 mg/l	TM045	14/11/2016	Lab: Precision 8.9%, Bias 3.6%, Expanded Uncertainty 21.4%. Sampling: Immeasurable
SW1	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	10.1 mg/l	TM099	14/11/2016	Lab: Precision 2.1%, Bias 1.6%, Expanded Uncertainty 5.7%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW1	Conductivity	>2000 µS/cm	Quarterly	1.18 mS/cm	TM120	14/11/2016	Lab: Precision 1.3%, Bias 3.1%, Expanded Uncertainty 5.7%. Sampling: Immeasurable
SW1	Lead (diss.filt)	>0.25 mg/l	Quarterly	0.643 µg/l	TM152	14/11/2016	Lab: Precision 1.3%, Bias 3.1%, Expanded Uncertainty 5.7%. Sampling: Immeasurable
SW1	Nickel (diss.filt)	>0.1 mg/l	Quarterly	5.48 µg/l	TM152	14/11/2016	Lab: Precision 4.6%, Bias 1.2%, Expanded Uncertainty 10.4%. Sampling: Immeasurable
SW1	EPH Range >C10-C40 (aq)	>2 mg/l	Quarterly	1170 µg/l	TM172	14/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
SW1	EPH Range >C10-C20 (aq)	>2 mg/l	Quarterly	261 µg/l	TM172	14/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
SW1	EPH Range >C20-C30 (aq)	>2 mg/l	Quarterly	603 µg/l	TM172	14/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
SW1	EPH Range >C30-C40 (aq)	>2 mg/l	Quarterly	309 µg/l	TM172	14/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW1	Sulphate	>300 mg/l	Quarterly	263 mg/l	TM184	14/11/2016	Lab: Precision 2.7%, Bias 2.2%, Expanded Uncertainty 7.7%. Sampling: Immeasurable
SW1	Chloride	>300 mg/l	Quarterly	90.3 mg/l	TM184	14/11/2016	Lab: Precision 2.8%, Bias 2.6%, Expanded Uncertainty 8.2%. Sampling: Immeasurable
SW1	Nitrite as N	>1 mg/l	Quarterly	0.0822 mg/l	TM184	14/11/2016	Lab: Precision 2.2%, Bias 0.3%, Expanded Uncertainty 4.8%. Sampling: Immeasurable
SW1	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	0.068 mg/l	TM184	14/11/2016	Lab: Precision 1.6%, Bias 2.7%, Expanded Uncertainty 4.8%. Sampling: Immeasurable
SW1	Nitrate as N	>1 mg/l	Quarterly	<0.0677 mg/l	TM184	14/11/2016	Lab: Unknown. Sampling: Immeasurable
SW1	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	<0.1 mg/l	TM184	14/11/2016	Lab: Precision 3.2%, Bias 3.0%, Expanded Uncertainty 9.4%. Sampling: Immeasurable
SW1	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	2.9 mg/l	TM187	14/11/2016	Lab: Unknown. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW1	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	0.771 µg/l	TM191	14/11/2016	Lab: Precision 5.3%, Bias -3.5%, Expanded Uncertainty 14.1%. Sampling: Immeasurable
SW1	Zinc (tot.unfilt)	>1 mg/l	Quarterly	89.7 µg/l	TM191	14/11/2016	Lab: Precision 5.7%, Bias -2%, Expanded Uncertainty 13.1%. Sampling: Immeasurable
SW1	Calcium (tot.unfilt)	>300 mg/l	Quarterly	193 mg/l	TM228	14/11/2016	Lab: Precision 5.2%, Bias -1.9%, Expanded Uncertainty 12.2%. Sampling: Immeasurable
SW1	pH	6.8 . 8.5	Quarterly	7.87 pH Units	TM256	14/11/2016	Lab: Precision 0.4%, Bias 0.8%, Expanded Uncertainty 1.7%. Sampling: Immeasurable
SW1	GRO >C5-C12	>2 mg/l	Quarterly	<50 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW1	GRO >C7-C8	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW1	GRO >C5-C6	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW1	GRO >C6-C7	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW1	GRO >C8-C10	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW1	GRO >C10-C12	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW1	GRO >C5-C10	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW2	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	14/11/2016	Lab: Precision 1.4%, Bias -2.8%, Expanded Uncertainty 5.6%. Sampling: Immeasurable
SW2	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	3.62 mg/l	TM045	14/11/2016	Lab: Precision 8.9%, Bias 3.6%, Expanded Uncertainty 21.4%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW2	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	6.08 mg/l	TM099	14/11/2016	Lab: Precision 2.1%, Bias 1.6%, Expanded Uncertainty 5.7%. Sampling: Immeasurable
SW2	Conductivity	>2000 µS/cm	Quarterly	0.866 mS/cm	TM120	14/11/2016	Lab: Precision 1.3%, Bias 3.1%, Expanded Uncertainty 5.7%. Sampling: Immeasurable
SW2	Lead (diss.filt)	>0.25 mg/l	Quarterly	0.433 µg/l	TM152	14/11/2016	Lab: Precision 1.3%, Bias 3.1%, Expanded Uncertainty 5.7%. Sampling: Immeasurable
SW2	Nickel (diss.filt)	>0.1 mg/l	Quarterly	3.25 µg/l	TM152	14/11/2016	Lab: Precision 4.6%, Bias 1.2%, Expanded Uncertainty 10.4%. Sampling: Immeasurable
SW2	EPH Range >C10-C40 (aq)	>2 mg/l	Quarterly	280 µg/l	TM172	14/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
SW2	EPH Range >C10-C20 (aq)	>2 mg/l	Quarterly	156 µg/l	TM172	14/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
SW2	EPH Range >C20-C30 (aq)	>2 mg/l	Quarterly	96.7 µg/l	TM172	14/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
SW2	EPH Range >C30-C40 (aq)	>2 mg/l	Quarterly	27.6 µg/l	TM172	14/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW2	Sulphate	>300 mg/l	Quarterly	202 mg/l	TM184	14/11/2016	Lab: Precision 2.7%, Bias 2.2%, Expanded Uncertainty 7.7%. Sampling: Immeasurable
SW2	Chloride	>300 mg/l	Quarterly	62.5 mg/l	TM184	14/11/2016	Lab: Precision 2.8%, Bias 2.6%, Expanded Uncertainty 8.2%. Sampling: Immeasurable
SW2	Nitrite as N	>1 mg/l	Quarterly	0.0429 mg/l	TM184	14/11/2016	Lab: Precision 2.2%, Bias 0.3%, Expanded Uncertainty 4.8%. Sampling: Immeasurable
SW2	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	0.629 mg/l	TM184	14/11/2016	Lab: Precision 1.6%, Bias 2.7%, Expanded Uncertainty 4.8%. Sampling: Immeasurable
SW2	Nitrate as N	>1 mg/l	Quarterly	<0.0677 mg/l	TM184	14/11/2016	Lab: Unknown. Sampling: Immeasurable
SW2	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	<0.1 mg/l	TM184	14/11/2016	Lab: Precision 3.2%, Bias 3.0%, Expanded Uncertainty 9.4%. Sampling: Immeasurable
SW2	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	2.71 mg/l	TM187	14/11/2016	Lab: Unknown. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW2	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<0.5 µg/l	TM191	14/11/2016	Lab: Precision 5.3%, Bias -3.5%, Expanded Uncertainty 14.1%. Sampling: Immeasurable
SW2	Zinc (tot.unfilt)	>1 mg/l	Quarterly	24.4 µg/l	TM191	14/11/2016	Lab: Precision 5.7%, Bias -2%, Expanded Uncertainty 13.1%. Sampling: Immeasurable
SW2	Calcium (tot.unfilt)	>300 mg/l	Quarterly	133 mg/l	TM228	14/11/2016	Lab: Precision 5.2%, Bias -1.9%, Expanded Uncertainty 12.2%. Sampling: Immeasurable
SW2	pH	6.8 . 8.5	Quarterly	7.67 pH Units	TM256	14/11/2016	Lab: Precision 0.4%, Bias 0.8%, Expanded Uncertainty 1.7%. Sampling: Immeasurable
SW2	GRO >C5-C12	>2 mg/l	Quarterly	<50 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW2	GRO >C7-C8	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW2	GRO >C5-C6	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW2	GRO >C6-C7	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW2	GRO >C8-C10	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW2	GRO >C10-C12	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW2	GRO >C5-C10	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW18	Suspended Solids, Total	>250 mg/l (1 occasion) >100 mg/l (3 consecutive occasions) >60 mg/l (4 consecutive occasions)	Quarterly	117 mg/l	TM022	15/11/2016	Lab: Precision 1.4%, Bias -2.8%, Expanded Uncertainty 5.6%. Sampling: Immeasurable
SW18	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	9.93 mg/l	TM045	15/11/2016	Lab: Precision 8.9%, Bias 3.6%, Expanded Uncertainty 21.4%. Sampling: Immeasurable
SW18	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	1.06 mg/l	TM099	15/11/2016	Lab: Precision 2.1%, Bias 1.6%, Expanded Uncertainty 5.7%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW18	Conductivity	>2000 µS/cm	Quarterly	1.99 mS/cm	TM120	15/11/2016	Lab: Precision 1.3%, Bias 3.1%, Expanded Uncertainty 5.7%. Sampling: Immeasurable
SW18	Lead (diss.filt)	>0.25 mg/l	Quarterly	0.181 µg/l	TM152	15/11/2016	Lab: Precision 1.3%, Bias 3.1%, Expanded Uncertainty 5.7%. Sampling: Immeasurable
SW18	Nickel (diss.filt)	>0.1 mg/l	Quarterly	3.06 µg/l	TM152	15/11/2016	Lab: Precision 4.6%, Bias 1.2%, Expanded Uncertainty 10.4%. Sampling: Immeasurable
SW18	EPH Range >C10-C40 (aq)	>2 mg/l	Quarterly	56.5 µg/l	TM172	15/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
SW18	EPH Range >C10-C20 (aq)	>2 mg/l	Quarterly	22.7 µg/l	TM172	15/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
SW18	EPH Range >C20-C30 (aq)	>2 mg/l	Quarterly	20.4 µg/l	TM172	15/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
SW18	EPH Range >C30-C40 (aq)	>2 mg/l	Quarterly	13.5 µg/l	TM172	15/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW18	Sulphate	>300 mg/l	Quarterly	345 mg/l	TM184	15/11/2016	Lab: Precision 2.7%, Bias 2.2%, Expanded Uncertainty 7.7%. Sampling: Immeasurable
SW18	Chloride	>300 mg/l	Quarterly	370 mg/l	TM184	15/11/2016	Lab: Precision 2.8%, Bias 2.6%, Expanded Uncertainty 8.2%. Sampling: Immeasurable
SW18	Nitrite as N	>1 mg/l	Quarterly	0.0189 mg/l	TM184	15/11/2016	Lab: Precision 2.2%, Bias 0.3%, Expanded Uncertainty 4.8%. Sampling: Immeasurable
SW18	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	1.59 mg/l	TM184	15/11/2016	Lab: Precision 1.6%, Bias 2.7%, Expanded Uncertainty 4.8%. Sampling: Immeasurable
SW18	Nitrate as N	>1 mg/l	Quarterly	<0.0677 mg/l	TM184	15/11/2016	Lab: Unknown. Sampling: Immeasurable
SW18	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	<0.1 mg/l	TM184	15/11/2016	Lab: Precision 3.2%, Bias 3.0%, Expanded Uncertainty 9.4%. Sampling: Immeasurable
SW18	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	2.99 mg/l	TM187	15/11/2016	Lab: Unknown. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW18	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<0.5 µg/l	TM191	15/11/2016	Lab: Precision 5.3%, Bias -3.5%, Expanded Uncertainty 14.1%. Sampling: Immeasurable
SW18	Zinc (tot.unfilt)	>1 mg/l	Quarterly	12.7 µg/l	TM191	15/11/2016	Lab: Precision 5.7%, Bias -2%, Expanded Uncertainty 13.1%. Sampling: Immeasurable
SW18	Calcium (tot.unfilt)	>300 mg/l	Quarterly	207 mg/l	TM228	15/11/2016	Lab: Precision 5.2%, Bias -1.9%, Expanded Uncertainty 12.2%. Sampling: Immeasurable
SW18	pH	6.8 . 8.5	Quarterly	7.58 pH Units	TM256	15/11/2016	Lab: Precision 0.4%, Bias 0.8%, Expanded Uncertainty 1.7%. Sampling: Immeasurable
SW18	GRO >C5-C12	>2 mg/l	Quarterly	<50 µg/l	TM245	15/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW18	GRO >C7-C8	>2 mg/l	Quarterly	<10 µg/l	TM245	15/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW18	GRO >C5-C6	>2 mg/l	Quarterly	<10 µg/l	TM245	15/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW18	GRO >C6-C7	>2 mg/l	Quarterly	<10 µg/l	TM245	15/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW18	GRO >C8-C10	>2 mg/l	Quarterly	<10 µg/l	TM245	15/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW18	GRO >C10-C12	>2 mg/l	Quarterly	<10 µg/l	TM245	15/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW18	GRO >C5-C10	>2 mg/l	Quarterly	<10 µg/l	TM245	15/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW19	Suspended Solids, Total	>250 mg/l (1 occasion) >100 mg/l (3 consecutive occasions) >60 mg/l (4 consecutive occasions)	Quarterly	26 mg/l	TM022	15/11/2016	Lab: Precision 1.4%, Bias -2.8%, Expanded Uncertainty 5.6%. Sampling: Immeasurable
SW19	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	4.78 mg/l	TM045	15/11/2016	Lab: Precision 8.9%, Bias 3.6%, Expanded Uncertainty 21.4%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW19	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	0.0993 mg/l	TM099	15/11/2016	Lab: Precision 2.1%, Bias 1.6%, Expanded Uncertainty 5.7%. Sampling: Immeasurable
SW19	Conductivity	>2000 µS/cm	Quarterly	0.847 mS/cm	TM120	15/11/2016	Lab: Precision 1.3%, Bias 3.1%, Expanded Uncertainty 5.7%. Sampling: Immeasurable
SW19	Lead (diss.filt)	>0.25 mg/l	Quarterly	0.12 µg/l	TM152	15/11/2016	Lab: Precision 1.3%, Bias 3.1%, Expanded Uncertainty 5.7%. Sampling: Immeasurable
SW19	Nickel (diss.filt)	>0.1 mg/l	Quarterly	1.08 µg/l	TM152	15/11/2016	Lab: Precision 4.6%, Bias 1.2%, Expanded Uncertainty 10.4%. Sampling: Immeasurable
SW19	EPH Range >C10-C40 (aq)	>2 mg/l	Quarterly	59.7 µg/l	TM172	15/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
SW19	EPH Range >C10-C20 (aq)	>2 mg/l	Quarterly	12.1 µg/l	TM172	15/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
SW19	EPH Range >C20-C30 (aq)	>2 mg/l	Quarterly	20.7 µg/l	TM172	15/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
SW19	EPH Range >C30-C40 (aq)	>2 mg/l	Quarterly	26.9 µg/l	TM172	15/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW19	Sulphate	>300 mg/l	Quarterly	149 mg/l	TM184	15/11/2016	Lab: Precision 2.7%, Bias 2.2%, Expanded Uncertainty 7.7%. Sampling: Immeasurable
SW19	Chloride	>300 mg/l	Quarterly	62.4 mg/l	TM184	15/11/2016	Lab: Precision 2.8%, Bias 2.6%, Expanded Uncertainty 8.2%. Sampling: Immeasurable
SW19	Nitrite as N	>1 mg/l	Quarterly	<0.0152 mg/l	TM184	15/11/2016	Lab: Precision 2.2%, Bias 0.3%, Expanded Uncertainty 4.8%. Sampling: Immeasurable
SW19	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	0.556 mg/l	TM184	15/11/2016	Lab: Precision 1.6%, Bias 2.7%, Expanded Uncertainty 4.8%. Sampling: Immeasurable
SW19	Nitrate as N	>1 mg/l	Quarterly	0.25 mg/l	TM184	15/11/2016	Lab: Unknown. Sampling: Immeasurable
SW19	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	0.252 mg/l	TM184	15/11/2016	Lab: Precision 3.2%, Bias 3.0%, Expanded Uncertainty 9.4%. Sampling: Immeasurable
SW19	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	<0.3 mg/l	TM187	15/11/2016	Lab: Unknown. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW19	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<0.5 µg/l	TM191	15/11/2016	Lab: Precision 5.3%, Bias -3.5%, Expanded Uncertainty 14.1%. Sampling: Immeasurable
SW19	Zinc (tot.unfilt)	>1 mg/l	Quarterly	7.74 µg/l	TM191	15/11/2016	Lab: Precision 5.7%, Bias -2%, Expanded Uncertainty 13.1%. Sampling: Immeasurable
SW19	Calcium (tot.unfilt)	>300 mg/l	Quarterly	148 mg/l	TM228	15/11/2016	Lab: Precision 5.2%, Bias -1.9%, Expanded Uncertainty 12.2%. Sampling: Immeasurable
SW19	pH	6.8 . 8.5	Quarterly	7.19 pH Units	TM256	15/11/2016	Lab: Precision 0.4%, Bias 0.8%, Expanded Uncertainty 1.7%. Sampling: Immeasurable
SW19	GRO >C5-C12	>2 mg/l	Quarterly	<50 µg/l	TM245	15/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW19	GRO >C7-C8	>2 mg/l	Quarterly	<10 µg/l	TM245	15/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW19	GRO >C5-C6	>2 mg/l	Quarterly	<10 µg/l	TM245	15/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW19	GRO >C6-C7	>2 mg/l	Quarterly	<10 µg/l	TM245	15/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW19	GRO >C8-C10	>2 mg/l	Quarterly	<10 µg/l	TM245	15/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW19	GRO >C10-C12	>2 mg/l	Quarterly	<10 µg/l	TM245	15/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW19	GRO >C5-C10	>2 mg/l	Quarterly	<10 µg/l	TM245	15/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW 20	Suspended Solids, Total	>250 mg/l (1 occasion) >100 mg/l (3 consecutive occasions) >60 mg/l (4 consecutive occasions)	Quarterly	464 mg/l	TM022	16/11/2016	Lab: Precision 1.4%, Bias -2.8%, Expanded Uncertainty 5.6%. Sampling: Immeasurable
SW 20	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	13.3 mg/l	TM045	16/11/2016	Lab: Precision 8.9%, Bias 3.6%, Expanded Uncertainty 21.4%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 20	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	0.912 mg/l	TM099	16/11/2016	Lab: Precision 2.1%, Bias 1.6%, Expanded Uncertainty 5.7%. Sampling: Immeasurable
SW 20	Conductivity	>2000 µS/cm	Quarterly	1.53 mS/cm	TM120	16/11/2016	Lab: Precision 1.3%, Bias 3.1%, Expanded Uncertainty 5.7%. Sampling: Immeasurable
SW 20	Lead (diss.filt)	>0.25 mg/l	Quarterly	<0.1 µg/l	TM152	16/11/2016	Lab: Precision 1.3%, Bias 3.1%, Expanded Uncertainty 5.7%. Sampling: Immeasurable
SW 20	Nickel (diss.filt)	>0.1 mg/l	Quarterly	4.1 µg/l	TM152	16/11/2016	Lab: Precision 4.6%, Bias 1.2%, Expanded Uncertainty 10.4%. Sampling: Immeasurable
SW 20	EPH Range >C10-C40 (aq)	>2 mg/l	Quarterly	370 µg/l	TM172	16/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
SW 20	EPH Range >C10-C20 (aq)	>2 mg/l	Quarterly	63.7 µg/l	TM172	16/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 20	EPH Range >C20-C30 (aq)	>2 mg/l	Quarterly	142 µg/l	TM172	16/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
SW 20	EPH Range >C30-C40 (aq)	>2 mg/l	Quarterly	165 µg/l	TM172	16/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
SW 20	Sulphate	>300 mg/l	Quarterly	300 mg/l	TM184	16/11/2016	Lab: Precision 2.7%, Bias 2.2%, Expanded Uncertainty 7.7%. Sampling: Immeasurable
SW 20	Chloride	>300 mg/l	Quarterly	227 mg/l	TM184	16/11/2016	Lab: Precision 2.8%, Bias 2.6%, Expanded Uncertainty 8.2%. Sampling: Immeasurable
SW 20	Nitrite as N	>1 mg/l	Quarterly	0.0225 mg/l	TM184	16/11/2016	Lab: Precision 2.2%, Bias 0.3%, Expanded Uncertainty 4.8%. Sampling: Immeasurable
SW 20	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	0.13 mg/l	TM184	16/11/2016	Lab: Precision 1.6%, Bias 2.7%, Expanded Uncertainty 4.8%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 20	Nitrate as N	>1 mg/l	Quarterly	0.579 mg/l	TM184	16/11/2016	Lab: Unknown. Sampling: Immeasurable
SW 20	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	0.602 mg/l	TM184	16/11/2016	Lab: Precision 3.2%, Bias 3.0%, Expanded Uncertainty 9.4%. Sampling: Immeasurable
SW 20	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	1.14 mg/l	TM187	16/11/2016	Lab: Unknown. Sampling: Immeasurable
SW 20	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<0.5 µg/l	TM191	16/11/2016	Lab: Precision 5.3%, Bias -3.5%, Expanded Uncertainty 14.1%. Sampling: Immeasurable
SW 20	Zinc (tot.unfilt)	>1 mg/l	Quarterly	37.5 µg/l	TM191	16/11/2016	Lab: Precision 5.7%, Bias -2%, Expanded Uncertainty 13.1%. Sampling: Immeasurable
SW 20	Calcium (tot.unfilt)	>300 mg/l	Quarterly	196 mg/l	TM228	16/11/2016	Lab: Precision 5.2%, Bias -1.9%, Expanded Uncertainty 12.2%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 20	pH	6.8 . 8.5	Quarterly	8 pH Units	TM256	16/11/2016	Lab: Precision 0.4%, Bias 0.8%, Expanded Uncertainty 1.7%. Sampling: Immeasurable
SW 20	GRO>C5-12	>2 mg/l	Quarterly	<50 µg/l	TM245	16/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW 20	GRO >C7-C8	>2 mg/l	Quarterly	<10 µg/l	TM245	16/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW 20	GRO >C5-C6	>2 mg/l	Quarterly	<10 µg/l	TM245	16/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW 20	GRO >C6-C7	>2 mg/l	Quarterly	<10 µg/l	TM245	16/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW 20	GRO >C8-C10	>2 mg/l	Quarterly	<10 µg/l	TM245	16/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 20	GRO >C10-C12	>2 mg/l	Quarterly	<10 µg/l	TM245	16/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW 20	GRO >C5-C10	>2 mg/l	Quarterly	<10 µg/l	TM245	16/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW 21	Suspended Solids, Total	>250 mg/l (1 occasion) >100 mg/l (3 consecutive occasions) >60 mg/l (4 consecutive occasions)	Quarterly	28 mg/l	TM022	14/11/2016	Lab: Precision 1.4%, Bias -2.8%, Expanded Uncertainty 5.6%. Sampling: Immeasurable
SW 21	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	2.96 mg/l	TM045	14/11/2016	Lab: Precision 8.9%, Bias 3.6%, Expanded Uncertainty 21.4%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 21	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	0.393 mg/l	TM099	14/11/2016	Lab: Precision 2.1%, Bias 1.6%, Expanded Uncertainty 5.7%. Sampling: Immeasurable
SW 21	Conductivity	>2000 µS/cm	Quarterly	1.28 mS/cm	TM120	14/11/2016	Lab: Precision 1.3%, Bias 3.1%, Expanded Uncertainty 5.7%. Sampling: Immeasurable
SW 21	Lead (diss.filt)	>0.25 mg/l	Quarterly	0.339 µg/l	TM152	14/11/2016	Lab: Precision 1.3%, Bias 3.1%, Expanded Uncertainty 5.7%. Sampling: Immeasurable
SW 21	Nickel (diss.filt)	>0.1 mg/l	Quarterly	3.18 µg/l	TM152	14/11/2016	Lab: Precision 4.6%, Bias 1.2%, Expanded Uncertainty 10.4%. Sampling: Immeasurable
SW 21	EPH Range >C10-C40 (aq)	>2 mg/l	Quarterly	67.7 µg/l	TM172	14/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
SW 21	EPH Range >C10-C20 (aq)	>2 mg/l	Quarterly	21.2 µg/l	TM172	14/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
SW 21	EPH Range >C20-C30 (aq)	>2 mg/l	Quarterly	29 µg/l	TM172	14/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 21	EPH Range >C30-C40 (aq)	>2 mg/l	Quarterly	17.4 µg/l	TM172	14/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
SW 21	Sulphate	>300 mg/l	Quarterly	293 mg/l	TM184	14/11/2016	Lab: Precision 2.7%, Bias 2.2%, Expanded Uncertainty 7.7%. Sampling: Immeasurable
SW 21	Chloride	>300 mg/l	Quarterly	0.024 mg/l	TM184	14/11/2016	Lab: Precision 2.8%, Bias 2.6%, Expanded Uncertainty 8.2%. Sampling: Immeasurable
SW 21	Nitrite as N	>1 mg/l	Quarterly	161 mg/l	TM184	14/11/2016	Lab: Precision 2.2%, Bias 0.3%, Expanded Uncertainty 4.8%. Sampling: Immeasurable
SW 21	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	0.887 mg/l	TM184	14/11/2016	Lab: Precision 1.6%, Bias 2.7%, Expanded Uncertainty 4.8%. Sampling: Immeasurable
SW 21	Nitrate as N	>1 mg/l	Quarterly	<0.0677 mg/l	TM184	14/11/2016	Lab: Unknown. Sampling: Immeasurable
SW 21	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	<0.1 mg/l	TM184	14/11/2016	Lab: Precision 3.2%, Bias 3.0%, Expanded Uncertainty 9.4%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 21	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	1.01 mg/l	TM187	14/11/2016	Lab: Unknown. Sampling: Immeasurable
SW 21	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<0.5 µg/l	TM191	14/11/2016	Lab: Precision 5.3%, Bias -3.5%, Expanded Uncertainty 14.1%. Sampling: Immeasurable
SW 21	Zinc (tot.unfilt)	>1 mg/l	Quarterly	18 µg/l	TM191	14/11/2016	Lab: Precision 5.7%, Bias -2%, Expanded Uncertainty 13.1%. Sampling: Immeasurable
SW 21	Calcium (tot.unfilt)	>300 mg/l	Quarterly	165 mg/l	TM228	14/11/2016	Lab: Precision 5.2%, Bias -1.9%, Expanded Uncertainty 12.2%. Sampling: Immeasurable
SW 21	pH	6.8 . 8.5	Quarterly	7.42 pH Units	TM256	14/11/2016	Lab: Precision 0.4%, Bias 0.8%, Expanded Uncertainty 1.7%. Sampling: Immeasurable
SW21	GRO >C5-C12	>2 mg/l	Quarterly	<50 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW21	GRO >C7-C8	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW21	GRO >C5-C6	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW21	GRO >C6-C7	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW21	GRO >C8-C10	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW21	GRO >C10-C12	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW21	GRO >C5-C10	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW 22	Suspended Solids, Total	>250 mg/l (1 occasion) >100 mg/l (3 consecutive occasions) >60 mg/l (4 consecutive occasions)	Quarterly	23.5 mg/l	TM022	16/11/2016	Lab: Precision 1.4%, Bias -2.8%, Expanded Uncertainty 5.6%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 22	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	13.2 mg/l	TM045	16/11/2016	Lab: Precision 8.9%, Bias 3.6%, Expanded Uncertainty 21.4%. Sampling: Immeasurable
SW 22	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	0.641 mg/l	TM099	16/11/2016	Lab: Precision 2.1%, Bias 1.6%, Expanded Uncertainty 5.7%. Sampling: Immeasurable
SW 22	Conductivity	>2000 µS/cm	Quarterly	1.02 mS/cm	TM120	16/11/2016	Lab: Precision 1.3%, Bias 3.1%, Expanded Uncertainty 5.7%. Sampling: Immeasurable
SW 22	Lead (diss.filt)	>0.25 mg/l	Quarterly	0.251 µg/l	TM152	16/11/2016	Lab: Precision 1.3%, Bias 3.1%, Expanded Uncertainty 5.7%. Sampling: Immeasurable
SW 22	Nickel (diss.filt)	>0.1 mg/l	Quarterly	1.63 µg/l	TM152	16/11/2016	Lab: Precision 4.6%, Bias 1.2%, Expanded Uncertainty 10.4%. Sampling: Immeasurable
SW 22	EPH Range >C10-C40 (aq)	>2 mg/l	Quarterly	<46 µg/l	TM172	16/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 22	EPH Range >C10-C20 (aq)	>2 mg/l	Quarterly	<10 µg/l	TM172	16/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
SW 22	EPH Range >C20-C30 (aq)	>2 mg/l	Quarterly	11.8 µg/l	TM172	16/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
SW 22	EPH Range >C30-C40 (aq)	>2 mg/l	Quarterly	29.6 µg/l	TM172	16/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
SW 22	Sulphate	>300 mg/l	Quarterly	171 mg/l	TM184	16/11/2016	Lab: Precision 2.7%, Bias 2.2%, Expanded Uncertainty 7.7%. Sampling: Immeasurable
SW 22	Chloride	>300 mg/l	Quarterly	110 mg/l	TM184	16/11/2016	Lab: Precision 2.8%, Bias 2.6%, Expanded Uncertainty 8.2%. Sampling: Immeasurable
SW 22	Nitrite as N	>1 mg/l	Quarterly	<0.0152 mg/l	TM184	16/11/2016	Lab: Precision 2.2%, Bias 0.3%, Expanded Uncertainty 4.8%. Sampling: Immeasurable
SW 22	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	2.35 mg/l	TM184	16/11/2016	Lab: Precision 1.6%, Bias 2.7%, Expanded Uncertainty 4.8%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 22	Nitrate as N	>1 mg/l	Quarterly	<0.0677 mg/l	TM184	16/11/2016	Lab: Unknown. Sampling: Immeasurable
SW 22	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	<0.1 mg/l	TM184	16/11/2016	Lab: Precision 3.2%, Bias 3.0%, Expanded Uncertainty 9.4%. Sampling: Immeasurable
SW 22	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	<0.3 mg/l	TM187	16/11/2016	Lab: Unknown. Sampling: Immeasurable
SW 22	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<0.5 µg/l	TM191	16/11/2016	Lab: Precision 5.3%, Bias -3.5%, Expanded Uncertainty 14.1%. Sampling: Immeasurable
SW 22	Zinc (tot.unfilt)	>1 mg/l	Quarterly	9.38 µg/l	TM191	16/11/2016	Lab: Precision 5.7%, Bias -2%, Expanded Uncertainty 13.1%. Sampling: Immeasurable
SW 22	Calcium (tot.unfilt)	>300 mg/l	Quarterly	158 mg/l	TM228	16/11/2016	Lab: Precision 5.2%, Bias -1.9%, Expanded Uncertainty 12.2%. Sampling: Immeasurable
SW 22	pH	6.8 . 8.5	Quarterly	7.66 pH Units	TM256	16/11/2016	Lab: Precision 0.4%, Bias 0.8%, Expanded Uncertainty 1.7%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW22	GRO >C5-C12	>2 mg/l	Quarterly	<50 µg/l	TM245	16/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW22	GRO >C7-C8	>2 mg/l	Quarterly	<10 µg/l	TM245	16/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW22	GRO >C5-C6	>2 mg/l	Quarterly	<10 µg/l	TM245	16/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW22	GRO >C6-C7	>2 mg/l	Quarterly	<10 µg/l	TM245	16/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW22	GRO >C8-C10	>2 mg/l	Quarterly	<10 µg/l	TM245	16/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW22	GRO >C10-C12	>2 mg/l	Quarterly	<10 µg/l	TM245	16/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW22	GRO >C5-C10	>2 mg/l	Quarterly	<10 µg/l	TM245	16/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 23	Suspended Solids, Total	>250 mg/l (1 occasion) >100 mg/l (3 consecutive occasions) >60 mg/l (4 consecutive occasions)	Quarterly	20.5 mg/l	TM022	15/11/2016	Lab: Precision 1.4%, Bias -2.8%, Expanded Uncertainty 5.6%. Sampling: Immeasurable
SW 23	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	4.3 mg/l	TM045	15/11/2016	Lab: Precision 8.9%, Bias 3.6%, Expanded Uncertainty 21.4%. Sampling: Immeasurable
SW 23	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	0.225 mg/l	TM099	15/11/2016	Lab: Precision 2.1%, Bias 1.6%, Expanded Uncertainty 5.7%. Sampling: Immeasurable
SW 23	Conductivity	>2000 µS/cm	Quarterly	0.937 mS/cm	TM120	15/11/2016	Lab: Precision 1.3%, Bias 3.1%, Expanded Uncertainty 5.7%. Sampling: Immeasurable
SW 23	Lead (diss.filt)	>0.25 mg/l	Quarterly	0.35 µg/l	TM152	15/11/2016	Lab: Precision 1.3%, Bias 3.1%, Expanded Uncertainty 5.7%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 23	Nickel (diss.filt)	>0.1 mg/l	Quarterly	2.54 µg/l	TM152	15/11/2016	Lab: Precision 4.6%, Bias 1.2%, Expanded Uncertainty 10.4%. Sampling: Immeasurable
SW 23	EPH Range >C10-C40 (aq)	>2 mg/l	Quarterly	53.1 µg/l	TM172	15/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
SW 23	EPH Range >C10-C20 (aq)	>2 mg/l	Quarterly	<10 µg/l	TM172	15/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
SW 23	EPH Range >C20-C30 (aq)	>2 mg/l	Quarterly	24.2 µg/l	TM172	15/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
SW 23	EPH Range >C30-C40 (aq)	>2 mg/l	Quarterly	19.5 µg/l	TM172	15/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
SW 23	Sulphate	>300 mg/l	Quarterly	176 mg/l	TM184	15/11/2016	Lab: Precision 2.7%, Bias 2.2%, Expanded Uncertainty 7.7%. Sampling: Immeasurable
SW 23	Chloride	>300 mg/l	Quarterly	99.1 mg/l	TM184	15/11/2016	Lab: Precision 2.8%, Bias 2.6%, Expanded Uncertainty 8.2%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 23	Nitrite as N	>1 mg/l	Quarterly	<0.0152 mg/l	TM184	15/11/2016	Lab: Precision 2.2%, Bias 0.3%, Expanded Uncertainty 4.8%. Sampling: Immeasurable
SW 23	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	1.36 mg/l	TM184	15/11/2016	Lab: Precision 1.6%, Bias 2.7%, Expanded Uncertainty 4.8%. Sampling: Immeasurable
SW 23	Nitrate as N	>1 mg/l	Quarterly	<0.0677 mg/l	TM184	15/11/2016	Lab: Unknown. Sampling: Immeasurable
SW 23	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	<0.1 mg/l	TM184	15/11/2016	Lab: Precision 3.2%, Bias 3.0%, Expanded Uncertainty 9.4%. Sampling: Immeasurable
SW 23	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	1.82 mg/l	TM187	15/11/2016	Lab: Unknown. Sampling: Immeasurable
SW 23	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<0.5 µg/l	TM191	15/11/2016	Lab: Precision 5.3%, Bias -3.5%, Expanded Uncertainty 14.1%. Sampling: Immeasurable
SW 23	Zinc (tot.unfilt)	>1 mg/l	Quarterly	20.3 µg/l	TM191	15/11/2016	Lab: Precision 5.7%, Bias -2%, Expanded Uncertainty 13.1%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 23	Calcium (tot.unfilt)	>300 mg/l	Quarterly	129 mg/l	TM228	15/11/2016	Lab: Precision 5.2%, Bias -1.9%, Expanded Uncertainty 12.2%. Sampling: Immeasurable
SW 23	pH	6.8 . 8.5	Quarterly	7.36 pH Units	TM256	15/11/2016	Lab: Precision 0.4%, Bias 0.8%, Expanded Uncertainty 1.7%. Sampling: Immeasurable
SW23	GRO >C5-C12	>2 mg/l	Quarterly	<50 µg/l	TM245	15/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW23	GRO >C7-C8	>2 mg/l	Quarterly	<10 µg/l	TM245	15/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW23	GRO >C5-C6	>2 mg/l	Quarterly	<10 µg/l	TM245	15/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW23	GRO >C6-C7	>2 mg/l	Quarterly	<10 µg/l	TM245	15/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW23	GRO >C8-C10	>2 mg/l	Quarterly	<10 µg/l	TM245	15/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW23	GRO >C10-C12	>2 mg/l	Quarterly	<10 µg/l	TM245	15/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW23	GRO >C5-C10	>2 mg/l	Quarterly	<10 µg/l	TM245	15/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW 24	Suspended Solids, Total	>250 mg/l (1 occasion) >100 mg/l (3 consecutive occasions) >60 mg/l (4 consecutive occasions)	Quarterly	6 mg/l	TM022	15/11/2016	Lab: Precision 1.4%, Bias -2.8%, Expanded Uncertainty 5.6%. Sampling: Immeasurable
SW 24	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	2.31 mg/l	TM045	15/11/2016	Lab: Precision 8.9%, Bias 3.6%, Expanded Uncertainty 21.4%. Sampling: Immeasurable
SW 24	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	0.389 mg/l	TM099	15/11/2016	Lab: Precision 2.1%, Bias 1.6%, Expanded Uncertainty 5.7%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 24	Conductivity	>2000 µS/cm	Quarterly	1.73 mS/cm	TM120	15/11/2016	Lab: Precision 1.3%, Bias 3.1%, Expanded Uncertainty 5.7%. Sampling: Immeasurable
SW 24	Lead (diss.filt)	>0.25 mg/l	Quarterly	<0.1 µg/l	TM152	15/11/2016	Lab: Precision 1.3%, Bias 3.1%, Expanded Uncertainty 5.7%. Sampling: Immeasurable
SW 24	Nickel (diss.filt)	>0.1 mg/l	Quarterly	3.75 µg/l	TM152	15/11/2016	Lab: Precision 4.6%, Bias 1.2%, Expanded Uncertainty 10.4%. Sampling: Immeasurable
SW 24	EPH Range >C10-C40 (aq)	>2 mg/l	Quarterly	<46 µg/l	TM172	15/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
SW 24	EPH Range >C10-C20 (aq)	>2 mg/l	Quarterly	<10 µg/l	TM172	15/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
SW 24	EPH Range >C20-C30 (aq)	>2 mg/l	Quarterly	<10 µg/l	TM172	15/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
SW 24	EPH Range >C30-C40 (aq)	>2 mg/l	Quarterly	<10 µg/l	TM172	15/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 24	Sulphate	>300 mg/l	Quarterly	438 mg/l	TM184	15/11/2016	Lab: Precision 2.7%, Bias 2.2%, Expanded Uncertainty 7.7%. Sampling: Immeasurable
SW 24	Chloride	>300 mg/l	Quarterly	191 mg/l	TM184	15/11/2016	Lab: Precision 2.8%, Bias 2.6%, Expanded Uncertainty 8.2%. Sampling: Immeasurable
SW 24	Nitrite as N	>1 mg/l	Quarterly	0.0289 mg/l	TM184	15/11/2016	Lab: Precision 2.2%, Bias 0.3%, Expanded Uncertainty 4.8%. Sampling: Immeasurable
SW 24	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	1.13 mg/l	TM184	15/11/2016	Lab: Precision 1.6%, Bias 2.7%, Expanded Uncertainty 4.8%. Sampling: Immeasurable
SW 24	Nitrate as N	>1 mg/l	Quarterly	0.274 mg/l	TM184	15/11/2016	Lab: Unknown. Sampling: Immeasurable
SW 24	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	0.304 mg/l	TM184	15/11/2016	Lab: Precision 3.2%, Bias 3.0%, Expanded Uncertainty 9.4%. Sampling: Immeasurable
SW 24	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	3.26 mg/l	TM187	15/11/2016	Lab: Unknown. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 24	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<0.5 µg/l	TM191	15/11/2016	Lab: Precision 5.3%, Bias -3.5%, Expanded Uncertainty 14.1%. Sampling: Immeasurable
SW 24	Zinc (tot.unfilt)	>1 mg/l	Quarterly	3.5 µg/l	TM191	15/11/2016	Lab: Precision 5.7%, Bias -2%, Expanded Uncertainty 13.1%. Sampling: Immeasurable
SW 24	Calcium (tot.unfilt)	>300 mg/l	Quarterly	261 mg/l	TM228	15/11/2016	Lab: Precision 5.2%, Bias -1.9%, Expanded Uncertainty 12.2%. Sampling: Immeasurable
SW 24	pH	6.8 . 8.5	Quarterly	7.76 pH Units	TM256	15/11/2016	Lab: Precision 0.4%, Bias 0.8%, Expanded Uncertainty 1.7%. Sampling: Immeasurable
SW24	GRO >C5-C12	>2 mg/l	Quarterly	<50 µg/l	TM245	15/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW24	GRO >C7-C8	>2 mg/l	Quarterly	<10 µg/l	TM245	15/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW24	GRO >C5-C6	>2 mg/l	Quarterly	<10 µg/l	TM245	15/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW24	GRO >C6-C7	>2 mg/l	Quarterly	<10 µg/l	TM245	15/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW24	GRO >C8-C10	>2 mg/l	Quarterly	<10 µg/l	TM245	15/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW24	GRO >C10-C12	>2 mg/l	Quarterly	<10 µg/l	TM245	15/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW24	GRO >C5-C10	>2 mg/l	Quarterly	<10 µg/l	TM245	15/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW 25	Suspended Solids, Total	>250 mg/l (1 occasion) >100 mg/l (3 consecutive occasions) >60 mg/l (4 consecutive occasions)	Quarterly	11 mg/l	TM022	14/11/2016	Lab: Precision 1.4%, Bias -2.8%, Expanded Uncertainty 5.6%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 25	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	3.36 mg/l	TM045	14/11/2016	Lab: Precision 8.9%, Bias 3.6%, Expanded Uncertainty 21.4%. Sampling: Immeasurable
SW 25	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	0.565 mg/l	TM099	14/11/2016	Lab: Precision 2.1%, Bias 1.6%, Expanded Uncertainty 5.7%. Sampling: Immeasurable
SW 25	Conductivity	>2000 µS/cm	Quarterly	1.07 mS/cm	TM120	14/11/2016	Lab: Precision 1.3%, Bias 3.1%, Expanded Uncertainty 5.7%. Sampling: Immeasurable
SW 25	Lead (diss.filt)	>0.25 mg/l	Quarterly	0.269 µg/l	TM152	14/11/2016	Lab: Precision 1.3%, Bias 3.1%, Expanded Uncertainty 5.7%. Sampling: Immeasurable
SW 25	Nickel (diss.filt)	>0.1 mg/l	Quarterly	2.52 µg/l	TM152	14/11/2016	Lab: Precision 4.6%, Bias 1.2%, Expanded Uncertainty 10.4%. Sampling: Immeasurable
SW 25	EPH Range >C10-C40 (aq)	>2 mg/l	Quarterly	67.7 µg/l	TM172	14/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 25	EPH Range >C10-C20 (aq)	>2 mg/l	Quarterly	17.4 µg/l	TM172	14/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
SW 25	EPH Range >C20-C30 (aq)	>2 mg/l	Quarterly	27 µg/l	TM172	14/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
SW 25	EPH Range >C30-C40 (aq)	>2 mg/l	Quarterly	23.4 µg/l	TM172	14/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
SW 25	Sulphate	>300 mg/l	Quarterly	251 mg/l	TM184	14/11/2016	Lab: Precision 2.7%, Bias 2.2%, Expanded Uncertainty 7.7%. Sampling: Immeasurable
SW 25	Chloride	>300 mg/l	Quarterly	121 mg/l	TM184	14/11/2016	Lab: Precision 2.8%, Bias 2.6%, Expanded Uncertainty 8.2%. Sampling: Immeasurable
SW 25	Nitrite as N	>1 mg/l	Quarterly	<0.0152 mg/l	TM184	14/11/2016	Lab: Precision 2.2%, Bias 0.3%, Expanded Uncertainty 4.8%. Sampling: Immeasurable
SW 25	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	1.2 mg/l	TM184	14/11/2016	Lab: Precision 1.6%, Bias 2.7%, Expanded Uncertainty 4.8%. Sampling: Immeasurable
SW 25	Nitrate as N	>1 mg/l	Quarterly	<0.0677 mg/l	TM184	14/11/2016	Lab: Unknown. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 25	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	<0.1 mg/l	TM184	14/11/2016	Lab: Precision 3.2%, Bias 3.0%, Expanded Uncertainty 9.4%. Sampling: Immeasurable
SW 25	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	0.81 mg/l	TM187	14/11/2016	Lab: Unknown. Sampling: Immeasurable
SW 25	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<0.5 µg/l	TM191	14/11/2016	Lab: Precision 5.3%, Bias -3.5%, Expanded Uncertainty 14.1%. Sampling: Immeasurable
SW 25	Zinc (tot.unfilt)	>1 mg/l	Quarterly	13.9 µg/l	TM191	14/11/2016	Lab: Precision 5.7%, Bias -2%, Expanded Uncertainty 13.1%. Sampling: Immeasurable
SW 25	Calcium (tot.unfilt)	>300 mg/l	Quarterly	146 mg/l	TM228	14/11/2016	Lab: Precision 5.2%, Bias -1.9%, Expanded Uncertainty 12.2%. Sampling: Immeasurable
SW 25	pH	6.8 . 8.5	Quarterly	7.66 pH Units	TM256	14/11/2016	Lab: Precision 0.4%, Bias 0.8%, Expanded Uncertainty 1.7%. Sampling: Immeasurable
SW25	GRO >C5-C12	>2 mg/l	Quarterly	<50 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW25	GRO >C7-C8	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW25	GRO >C5-C6	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW25	GRO >C6-C7	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW25	GRO >C8-C10	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW25	GRO >C10-C12	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW25	GRO >C5-C10	>2 mg/l	Quarterly	<10 µg/l	TM245	14/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 26	Suspended Solids, Total	>250 mg/l (1 occasion) >100 mg/l (3 consecutive occasions) >60 mg/l (4 consecutive occasions)	Quarterly	7 mg/l	TM022	15/11/2016	Lab: Precision 1.4%, Bias -2.8%, Expanded Uncertainty 5.6%. Sampling: Immeasurable
SW 26	BOD, unfiltered	>18 mg/l (1 occasion) >10 mg/l (3 consecutive occasions)	Quarterly	3.78 mg/l	TM045	15/11/2016	Lab: Precision 8.9%, Bias 3.6%, Expanded Uncertainty 21.4%. Sampling: Immeasurable
SW 26	Ammoniacal Nitrogen as N	>1 mg/l (1 occasion) >0.5 mg/l (4 consecutive occasions)	Quarterly	0.372 mg/l	TM099	15/11/2016	Lab: Precision 2.1%, Bias 1.6%, Expanded Uncertainty 5.7%. Sampling: Immeasurable
SW 26	Conductivity	>2000 µS/cm	Quarterly	1.13 mS/cm	TM120	15/11/2016	Lab: Precision 1.3%, Bias 3.1%, Expanded Uncertainty 5.7%. Sampling: Immeasurable
SW 26	Lead (diss.filt)	>0.25 mg/l	Quarterly	0.154 µg/l	TM152	15/11/2016	Lab: Precision 1.3%, Bias 3.1%, Expanded Uncertainty 5.7%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 26	Nickel (diss.filt)	>0.1 mg/l	Quarterly	2.07 µg/l	TM152	15/11/2016	Lab: Precision 4.6%, Bias 1.2%, Expanded Uncertainty 10.4%. Sampling: Immeasurable
SW 26	EPH Range >C10-C40 (aq)	>2 mg/l	Quarterly	55 µg/l	TM172	15/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
SW 26	EPH Range >C10-C20 (aq)	>2 mg/l	Quarterly	10.5 µg/l	TM172	15/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
SW 26	EPH Range >C20-C30 (aq)	>2 mg/l	Quarterly	24.2 µg/l	TM172	15/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
SW 26	EPH Range >C30-C40 (aq)	>2 mg/l	Quarterly	20.4 µg/l	TM172	15/11/2016	Lab: Precision 7.5%, Bias -11.7%, Expanded Uncertainty 26.7%. Sampling: Immeasurable
SW 26	Sulphate	>300 mg/l	Quarterly	207 mg/l	TM184	15/11/2016	Lab: Precision 2.7%, Bias 2.2%, Expanded Uncertainty 7.7%. Sampling: Immeasurable
SW 26	Chloride	>300 mg/l	Quarterly	110 mg/l	TM184	15/11/2016	Lab: Precision 2.8%, Bias 2.6%, Expanded Uncertainty 8.2%. Sampling: Immeasurable
SW 26	Nitrite as N	>1 mg/l	Quarterly	<0.0152 mg/l	TM184	15/11/2016	Lab: Precision 2.2%, Bias 0.3%, Expanded Uncertainty 4.8%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 26	Phosphate (ortho) as PO ₄	>1 mg/l	Quarterly	1.17 mg/l	TM184	15/11/2016	Lab: Precision 1.6%, Bias 2.7%, Expanded Uncertainty 4.8%. Sampling: Immeasurable
SW 26	Nitrate as N	>1 mg/l	Quarterly	<0.0677 mg/l	TM184	15/11/2016	Lab: Unknown. Sampling: Immeasurable
SW 26	Total Oxidised Nitrogen as N	>2 mg/l	Quarterly	<0.1 mg/l	TM184	15/11/2016	Lab: Precision 3.2%, Bias 3.0%, Expanded Uncertainty 9.4%. Sampling: Immeasurable
SW 26	Oxygen, dissolved	<2 mg/l (1 occasion) <5 mg/l (3 consecutive occasions)	Quarterly	<0.3 mg/l	TM187	15/11/2016	Lab: Unknown. Sampling: Immeasurable
SW 26	Cadmium (tot.unfilt)	>0.005 mg/l	Quarterly	<0.5 µg/l	TM191	15/11/2016	Lab: Precision 5.3%, Bias -3.5%, Expanded Uncertainty 14.1%. Sampling: Immeasurable
SW 26	Zinc (tot.unfilt)	>1 mg/l	Quarterly	15.9 µg/l	TM191	15/11/2016	Lab: Precision 5.7%, Bias -2%, Expanded Uncertainty 13.1%. Sampling: Immeasurable
SW 26	Calcium (tot.unfilt)	>300 mg/l	Quarterly	180 mg/l	TM228	15/11/2016	Lab: Precision 5.2%, Bias -1.9%, Expanded Uncertainty 12.2%. Sampling: Immeasurable

Monitoring Point	Substance / Parameter	Trigger level	Reference Period	Result ⁽¹⁾	Test Method ⁽²⁾	Sample Date and Times ⁽³⁾	Uncertainty ⁽⁴⁾
SW 26	pH	6.8 . 8.5	Quarterly	7.32 pH Units	TM256	15/11/2016	Lab: Precision 0.4%, Bias 0.8%, Expanded Uncertainty 1.7%. Sampling: Immeasurable
SW26	GRO >C5-C12	>2 mg/l	Quarterly	<50 µg/l	TM245	15/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW26	GRO >C7-C8	>2 mg/l	Quarterly	<10 µg/l	TM245	15/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW26	GRO >C5-C6	>2 mg/l	Quarterly	<10 µg/l	TM245	15/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW26	GRO >C6-C7	>2 mg/l	Quarterly	<10 µg/l	TM245	15/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW26	GRO >C8-C10	>2 mg/l	Quarterly	<10 µg/l	TM245	15/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable
SW26	GRO >C10-C12	>2 mg/l	Quarterly	<10 µg/l	TM245	15/11/2016	Lab: Precision 7.8%, Bias -6.9%, Expanded Uncertainty 22.5%. Sampling: Immeasurable

