

Reporting of Emission to Surface Water for the period from 1st January to 30th June 2019.

Operator : RWE Generation UK plc

Form: Water1

Location: Aberthaw Quarry Ash Disposal Site

Permit/Variation Number: BP3339BH

Emission point	Substance/ Parameter	Emission Limit Value	Result <sup>[1]</sup>	Test Method <sup>[2]</sup>	Sample Date and Times <sup>[3]</sup>	Accreditation/ Certification <sup>[4]</sup>	Uncertainty <sup>[5]</sup>
SW12	Aluminium, Dissolved		<10 µg/l		13/02/2019	Sampling Amec/Testing EA NLS	
	Antimony, Dissolved		<1 µg/l				
	Arsenic Dissolved		<1 µg/l				
	Boron, Dissolved		528 µg/l				
	Cadmium, Dissolved		<0.1 µg/l				
	Calcium, Dissolved		211 mg/l				
	Chromium, Dissolved		4.04 µg/l				
	Copper, Dissolved		2.89 µg/l				
	Iron, Dissolved		<30 µg/l				
	Magnesium, Dissolved		36.1 mg/l				
	Manganese, Dissolved		<10 µg/l				
	Molybdenum, Dissolved		1350 µg/l				
	Nickel, Dissolved		4.3 µg/l				
	Selenium Dissolved		1.41 µg/l				
	Vanadium, Dissolved		2.49 µg/l				
	Mercury, Dissolved		<0.01 µg/l				
	Total Alkalinity as CaCO <sub>3</sub>		162 mg/l				
	Electrical Conductivity at 20C		2320 mS/cm				
	Potassium, Dissolved		28 mg/l				
	Sodium, Dissolved		248 mg/l				
Sulphate, Dissolved		441 mg/l					
Total Oxidised Nitrogen		11.2 mg/l					
Chloride		423 mg/l					
Fluoride		0.213 mg/l					
Ammoniacal Nitrogen		<0.03 mg/l					
Total Organic Carbon		2.5 mg/l					
Nitrate		0.053 mg/l					
pH		8.17 pH Units					

Emission point	Substance/ Parameter	Emission Limit Value	Result <sup>[1]</sup>	Test Method <sup>[2]</sup>	Sample Date and Times <sup>[3]</sup>	Accreditation/ Certification <sup>[4]</sup>	Uncertainty <sup>[5]</sup>
SW12	Aluminium, Dissolved		10.6 µg/l		30/05/2019	Sampling Amec/Testing EA NLS	
	Antimony, Dissolved		<1 µg/l				
	Arsenic Dissolved		1.44 µg/l				
	Boron, Dissolved		729 µg/l				
	Cadmium, Dissolved		<1 µg/l				
	Calcium, Dissolved		227 mg/l				
	Chromium, Dissolved		5.02 µg/l				
	Copper, Dissolved		1.4 µg/l				
	Iron, Dissolved		<30 µg/l				
	Magnesium, Dissolved		42.2 mg/l				
	Manganese, Dissolved		<10 µg/l				
	Molybdenum, Dissolved		1820 µg/l				
	Nickel, Dissolved		4.65 µg/l				
	Selenium Dissolved		µg/l				
	Vanadium, Dissolved		<2 µg/l				
	Mercury, Dissolved		<0.01 µg/l				
	Total Alkalinity as CaCO3		127 mg/l				
	Electrical Conductivity at 20C		2720 mS/cm				
	Potassium, Dissolved		32.5 mg/l				
	Sodium, Dissolved		306 mg/l				
	Sulphate, Dissolved		498 mg/l				
Total Oxidised Nitrogen		14.6 mg/l					
Chloride		532 mg/l					
Fluoride		0.159 mg/l					
Ammoniacal Nitrogen		0.105 mg/l					
Total Organic Carbon		3.5 mg/l					
Nitrate		0.175 mg/l					
pH		8.11 pH Units					

Emission point	Substance/ Parameter	Emission Limit Value	Result <sup>[1]</sup>	Test Method <sup>[2]</sup>	Sample Date and Times <sup>[3]</sup>	Accreditation/ Certification <sup>[4]</sup>	Uncertainty <sup>[5]</sup>
Settlement Ponds	Aluminium, Dissolved		11.80 µg/l		19/02/2019	Sampling Station/Testing EA NLS	
	Antimony, Dissolved		<1 µg/l				
	Arsenic Dissolved	50	2.00 µg/l				
	Boron, Dissolved	2000	837.00 µg/l				
	Cadmium, Dissolved	5	<0.1 µg/l				
	Calcium, Dissolved		285.00 mg/l				
	Chromium, Dissolved	50	12.10 µg/l				
	Copper, Dissolved		2.84 µg/l				
	Iron, Dissolved		<30 µg/l				
	Magnesium, Dissolved		42.30 mg/l				
	Manganese, Dissolved		12.70 µg/l				
	Molybdenum, Dissolved		2310.00 µg/l				
	Nickel, Dissolved		11.50 µg/l				
	Selenium Dissolved		1.56 µg/l				
	Vanadium, Dissolved	60	5.63 µg/l				
	Mercury, Dissolved		<0.01 µg/l				
	Total Alkalinity as CaCO3		197.00 mg/l				
	Electrical Conductivity at 20C		3240.00 mS/cm				
	Potassium, Dissolved		41.40 mg/l				
	Sodium, Dissolved		393.00 mg/l				
	Sulphate, Dissolved	400	462.00 mg/l				
	Total Oxidised Nitrogen		28.50 mg/l				
	Chloride		712.00 mg/l				
Fluoride		0.19 mg/l					
Ammoniacal Nitrogen	0.6	0.62 mg/l					
Total Organic Carbon		2.50 mg/l					
Nitrate		0.62 mg/l					
pH	<9	8.19 pH Units					

Emission point	Substance/ Parameter	Emission Limit Value	Result <sup>[1]</sup>	Test Method <sup>[2]</sup>	Sample Date and Times <sup>[3]</sup>	Accreditation/ Certification <sup>[4]</sup>	Uncertainty <sup>[5]</sup>
Settlement Ponds	Aluminium, Dissolved		14.60 µg/l		12/03/2019	Sampling Station/Testing EA NLS	
	Antimony, Dissolved		<1 µg/l				
	Arsenic Dissolved	50	2.06 µg/l				
	Boron, Dissolved	2000	954.00 µg/l				
	Cadmium, Dissolved	5	<5 µg/l				
	Calcium, Dissolved		333.00 mg/l				
	Chromium, Dissolved	50	16.00 µg/l				
	Copper, Dissolved		1.11 µg/l				
	Iron, Dissolved		<30 µg/l				
	Magnesium, Dissolved		44.90 mg/l				
	Manganese, Dissolved		17.10 µg/l				
	Molybdenum, Dissolved		2920.00 µg/l				
	Nickel, Dissolved		12.30 µg/l				
	Selenium Dissolved		1.91 µg/l				
	Vanadium, Dissolved	60	6.44 µg/l				
	Mercury, Dissolved		<0.01 µg/l				
	Total Alkalinity as CaCO3		197.00 mg/l				
	Electrical Conductivity at 20C		3590.00 mS/cm				
	Potassium, Dissolved		45.40 mg/l				
	Sodium, Dissolved		426.00 mg/l				
	Sulphate, Dissolved	400	389.00 mg/l				
	Total Oxidised Nitrogen		32.00 mg/l				
	Chloride		779.00 mg/l				
Fluoride		0.17 mg/l					
Ammoniacal Nitrogen	0.6	1.53 mg/l					
Total Organic Carbon		2.00 mg/l					
Nitrate		30.40 mg/l					
pH	<9	8.32 pH Units					

Emission point	Substance/ Parameter	Emission Limit Value	Result <sup>[1]</sup>	Test Method <sup>[2]</sup>	Sample Date and Times <sup>[3]</sup>	Accreditation/ Certification <sup>[4]</sup>	Uncertainty <sup>[5]</sup>
Settlement Ponds	Aluminium, Dissolved		14.70 µg/l		04/04/2019	Sampling Station/Testing EA NLS	
	Antimony, Dissolved		<1 µg/l				
	Arsenic Dissolved	50	1.46 µg/l				
	Boron, Dissolved	2000	865.00 µg/l				
	Cadmium, Dissolved	5	<0.1 µg/l				
	Calcium, Dissolved		298.00 mg/l				
	Chromium, Dissolved	50	13.00 µg/l				
	Copper, Dissolved		2.37 µg/l				
	Iron, Dissolved		<30 µg/l				
	Magnesium, Dissolved		42.80 mg/l				
	Manganese, Dissolved		15.20 µg/l				
	Molybdenum, Dissolved		2430.00 µg/l				
	Nickel, Dissolved		10.40 µg/l				
	Selenium Dissolved		1.94 µg/l				
	Vanadium, Dissolved	60	5.42 µg/l				
	Mercury, Dissolved		<0.01 µg/l				
	Total Alkalinity as CaCO3		189.00 mg/l				
	Electrical Conductivity at 20C		3200.00 mS/cm				
	Potassium, Dissolved		40.70 mg/l				
	Sodium, Dissolved		415.00 mg/l				
	Sulphate, Dissolved	400	512.00 mg/l				
	Total Oxidised Nitrogen		28.70 mg/l				
	Chloride		663.00 mg/l				
Fluoride		0.16 mg/l					
Ammoniacal Nitrogen	0.6	0.76 mg/l					
Total Organic Carbon		1.80 mg/l					
Nitrate		27.90 mg/l					
pH	<9	8.20 pH Units					

Emission point	Substance/ Parameter	Emission Limit Value	Result <sup>[1]</sup>	Test Method <sup>[2]</sup>	Sample Date and Times <sup>[3]</sup>	Accreditation/ Certification <sup>[4]</sup>	Uncertainty <sup>[5]</sup>
Settlement Ponds	Aluminium, Dissolved		22.40 µg/l		30/04/2019	Sampling Station/Testing EA NLS	
	Antimony, Dissolved		<1 µg/l				
	Arsenic Dissolved	50	1.28 µg/l				
	Boron, Dissolved	2000	906.00 µg/l				
	Cadmium, Dissolved	5	<5 µg/l				
	Calcium, Dissolved		266.00 mg/l				
	Chromium, Dissolved	50	13.10 µg/l				
	Copper, Dissolved		2.59 µg/l				
	Iron, Dissolved		<30 µg/l				
	Magnesium, Dissolved		43.80 mg/l				
	Manganese, Dissolved		13.70 µg/l				
	Molybdenum, Dissolved		2610.00 µg/l				
	Nickel, Dissolved		8.09 µg/l				
	Selenium Dissolved		2.22 µg/l				
	Vanadium, Dissolved	60	4.26 µg/l				
	Mercury, Dissolved		<0.01 µg/l				
	Total Alkalinity as CaCO3		99.00 mg/l				
	Electrical Conductivity at 20C		3320.00 mS/cm				
	Potassium, Dissolved		41.60 mg/l				
	Sodium, Dissolved		399.00 mg/l				
	Sulphate, Dissolved	400	547.00 mg/l				
	Total Oxidised Nitrogen		30.00 mg/l				
	Chloride		721.00 mg/l				
Fluoride		0.14 mg/l					
Ammoniacal Nitrogen	0.6	<0.500 mg/l					
Total Organic Carbon		3.20 mg/l					
Nitrate		29.40 mg/l					
pH	<9	8.22 pH Units					

Emission point	Substance/ Parameter	Emission Limit Value	Result <sup>[1]</sup>	Test Method <sup>[2]</sup>	Sample Date and Times <sup>[3]</sup>	Accreditation/ Certification <sup>[4]</sup>	Uncertainty <sup>[5]</sup>
Settlement Ponds	Aluminium, Dissolved		<10 µg/l		29/05/2019	Sampling Station/Testing EA NLS	
	Antimony, Dissolved		<1 µg/l				
	Arsenic Dissolved	50	<1 µg/l				
	Boron, Dissolved	2000	1400 µg/l				
	Cadmium, Dissolved	5	<5 µg/l				
	Calcium, Dissolved		391 mg/l				
	Chromium, Dissolved	50	21 µg/l				
	Copper, Dissolved		2 µg/l				
	Iron, Dissolved		<30 µg/l				
	Magnesium, Dissolved		61 mg/l				
	Manganese, Dissolved		<10 µg/l				
	Molybdenum, Dissolved		4050 µg/l				
	Nickel, Dissolved		10 µg/l				
	Selenium Dissolved		2 µg/l				
	Vanadium, Dissolved	60	7 µg/l				
	Mercury, Dissolved		<0.01 µg/l				
	Total Alkalinity as CaCO <sub>3</sub>		92 mg/l				
	Electrical Conductivity at 20C		4940 mS/cm				
	Potassium, Dissolved		61 mg/l				
	Sodium, Dissolved		669 mg/l				
	Sulphate, Dissolved	400	844 mg/l				
	Total Oxidised Nitrogen		39 mg/l				
	Chloride		1130 mg/l				
Fluoride		0 mg/l					
Ammoniacal Nitrogen	0.6	2 mg/l					
Total Organic Carbon		6 mg/l					
Nitrate		37 mg/l					
pH	<9	8 pH Units					

Emission point	Substance/ Parameter	Emission Limit Value	Result <sup>[1]</sup>	Test Method <sup>[2]</sup>	Sample Date and Times <sup>[3]</sup>	Accreditation/ Certification <sup>[4]</sup>	Uncertainty <sup>[5]</sup>
Settlement Ponds	Aluminium, Dissolved		<20 µg/l		01/07/2019	Sampling Station/Testing EA NLS	
	Antimony, Dissolved		<1 µg/l				
	Arsenic Dissolved	50	2.6 µg/l				
	Boron, Dissolved	2000	1500 µg/l				
	Cadmium, Dissolved	5	<5 µg/l				
	Calcium, Dissolved		417 mg/l				
	Chromium, Dissolved	50	16.2 µg/l				
	Copper, Dissolved		<10 µg/l				
	Iron, Dissolved		<30 µg/l				
	Magnesium, Dissolved		62.3 mg/l				
	Manganese, Dissolved		11.3 µg/l				
	Molybdenum, Dissolved		4580 µg/l				
	Nickel, Dissolved		13.5 µg/l				
	Selenium Dissolved		48 µg/l				
	Vanadium, Dissolved	60	5.4 µg/l				
	Mercury, Dissolved		<0.01 µg/l				
	Total Alkalinity as CaCO3		275 mg/l				
	Electrical Conductivity at 20C		5280 mS/cm				
	Potassium, Dissolved		65.1 mg/l				
	Sodium, Dissolved		717 mg/l				
	Sulphate, Dissolved	400	1740 mg/l				
	Total Oxidised Nitrogen		35.7 mg/l				
	Chloride		1220 mg/l				
Fluoride		0.141 mg/l					
Ammoniacal Nitrogen	0.6	1.52 mg/l					
Total Organic Carbon		7.6 mg/l					
Nitrate		33.8 mg/l					
pH	<9	7.60 pH Units					

Emission point	Substance/ Parameter	Emission Limit Value	Result <sup>[1]</sup>	Test Method <sup>[2]</sup>	Sample Date and Times <sup>[3]</sup>	Accreditation/ Certification <sup>[4]</sup>	Uncertainty <sup>[5]</sup>
DP2	Aluminium, Dissolved		11.3 µg/l		19/02/2019	Sampling Station/Testing EA NLS	
	Antimony, Dissolved		<1 µg/l				
	Arsenic Dissolved		1.08 µg/l				
	Boron, Dissolved		526 µg/l				
	Cadmium, Dissolved		<0.1 µg/l				
	Calcium, Dissolved		272 mg/l				
	Chromium, Dissolved		5.41 µg/l				
	Copper, Dissolved		2.29 µg/l				
	Iron, Dissolved		<30 µg/l				
	Magnesium, Dissolved		31.7 mg/l				
	Manganese, Dissolved		13.2 µg/l				
	Molybdenum, Dissolved		1630 µg/l				
	Nickel, Dissolved		9.25 µg/l				
	Selenium Dissolved		1.32 µg/l				
	Vanadium, Dissolved		2.79 µg/l				
	Mercury, Dissolved		<0.01 µg/l				
	Total Alkalinity as CaCO3		260 mg/l				
	Electrical Conductivity at 20C		2940 mS/cm				
	Potassium, Dissolved		31.3 mg/l				
	Sodium, Dissolved		332 mg/l				
	Sulphate, Dissolved		392 mg/l				
	Total Oxidised Nitrogen		26.4 mg/l				
	Chloride		626 mg/l				
Fluoride		0.19 mg/l					
Ammoniacal Nitrogen		2.32 mg/l					
Total Organic Carbon		1.8 mg/l					
Nitrate		25.3 mg/l					
pH		7.13 pH Units					

Emission point	Substance/ Parameter	Emission Limit Value	Result <sup>[1]</sup>	Test Method <sup>[2]</sup>	Sample Date and Times <sup>[3]</sup>	Accreditation/ Certification <sup>[4]</sup>	Uncertainty <sup>[5]</sup>
DP2	Aluminium, Dissolved		<10 µg/l		12/03/2019	Sampling Station/Testing EA NLS	
	Antimony, Dissolved		<1 µg/l				
	Arsenic Dissolved		<1 µg/l				
	Boron, Dissolved		420 µg/l				
	Cadmium, Dissolved		<5 µg/l				
	Calcium, Dissolved		321 mg/l				
	Chromium, Dissolved		1.26 µg/l				
	Copper, Dissolved		1.17 µg/l				
	Iron, Dissolved		<30 µg/l				
	Magnesium, Dissolved		28.5 mg/l				
	Manganese, Dissolved		10.7 µg/l				
	Molybdenum, Dissolved		1640 µg/l				
	Nickel, Dissolved		8.13 µg/l				
	Selenium Dissolved		1.66 µg/l				
	Vanadium, Dissolved		<2 µg/l				
	Mercury, Dissolved		<0.01 µg/l				
	Total Alkalinity as CaCO3		240 mg/l				
	Electrical Conductivity at 20C		3710 mS/cm				
	Potassium, Dissolved		38.5 mg/l				
	Sodium, Dissolved		460 mg/l				
	Sulphate, Dissolved		272 mg/l				
Total Oxidised Nitrogen		26.1 mg/l					
Chloride		877 mg/l					
Fluoride		0.146 mg/l					
Ammoniacal Nitrogen		<0.500 mg/l					
Total Organic Carbon		1.3 mg/l					
Nitrate		25.9 mg/l					
pH		7.29 pH Units					

Emission point	Substance/ Parameter	Emission Limit Value	Result <sup>[1]</sup>	Test Method <sup>[2]</sup>	Sample Date and Times <sup>[3]</sup>	Accreditation/ Certification <sup>[4]</sup>	Uncertainty <sup>[5]</sup>
DP2	Aluminium, Dissolved		18.6 µg/l		04/04/2019	Sampling Station/Testing EA NLS	
	Antimony, Dissolved		<1 µg/l				
	Arsenic Dissolved		3.09 µg/l				
	Boron, Dissolved		1120 µg/l				
	Cadmium, Dissolved		<0.1 µg/l				
	Calcium, Dissolved		393 mg/l				
	Chromium, Dissolved		18.5 µg/l				
	Copper, Dissolved		2.65 µg/l				
	Iron, Dissolved		<30 µg/l				
	Magnesium, Dissolved		52.7 mg/l				
	Manganese, Dissolved		30.5 µg/l				
	Molybdenum, Dissolved		3330 µg/l				
	Nickel, Dissolved		14.5 µg/l				
	Selenium Dissolved		2.32 µg/l				
	Vanadium, Dissolved		7.43 µg/l				
	Mercury, Dissolved		<0.01 µg/l				
	Total Alkalinity as CaCO3		240 mg/l				
	Electrical Conductivity at 20C		3940 mS/cm				
	Potassium, Dissolved		44.8 mg/l				
	Sodium, Dissolved		480 mg/l				
	Sulphate, Dissolved		462 mg/l				
	Total Oxidised Nitrogen		38.5 mg/l				
	Chloride		831 mg/l				
Fluoride		0.157 mg/l					
Ammoniacal Nitrogen		4.57 mg/l					
Total Organic Carbon		0.8 mg/l					
Nitrate		36.4 mg/l					
pH		7.92 pH Units					

Emission point	Substance/ Parameter	Emission Limit Value	Result <sup>[1]</sup>	Test Method <sup>[2]</sup>	Sample Date and Times <sup>[3]</sup>	Accreditation/ Certification <sup>[4]</sup>	Uncertainty <sup>[5]</sup>
DP2	Aluminium, Dissolved		10.7 µg/l		30/04/2019	Sampling Station/Testing EA NLS	
	Antimony, Dissolved		<1 µg/l				
	Arsenic Dissolved		1.19 µg/l				
	Boron, Dissolved		796 µg/l				
	Cadmium, Dissolved		<5 µg/l				
	Calcium, Dissolved		400 mg/l				
	Chromium, Dissolved		9.29 µg/l				
	Copper, Dissolved		2.44 µg/l				
	Iron, Dissolved		<30 µg/l				
	Magnesium, Dissolved		40.2 mg/l				
	Manganese, Dissolved		23.9 µg/l				
	Molybdenum, Dissolved		2690 µg/l				
	Nickel, Dissolved		12.4 µg/l				
	Selenium Dissolved		1.5 µg/l				
	Vanadium, Dissolved		<2 µg/l				
	Mercury, Dissolved		<0.01 µg/l				
	Total Alkalinity as CaCO3		235 mg/l				
	Electrical Conductivity at 20C		4720 mS/cm				
	Potassium, Dissolved		48.1 mg/l				
	Sodium, Dissolved		590 mg/l				
	Sulphate, Dissolved		581 mg/l				
	Total Oxidised Nitrogen		33.6 mg/l				
	Chloride		1070 mg/l				
Fluoride		0.128 mg/l					
Ammoniacal Nitrogen		2.27 mg/l					
Total Organic Carbon		1.2 mg/l					
Nitrate		32.5 mg/l					
pH		7.23 pH Units					

Emission point	Substance/ Parameter	Emission Limit Value	Result <sup>[1]</sup>	Test Method <sup>[2]</sup>	Sample Date and Times <sup>[3]</sup>	Accreditation/ Certification <sup>[4]</sup>	Uncertainty <sup>[5]</sup>
DP2	Aluminium, Dissolved		20.7 µg/l		29/05/2019	Sampling Station/Testing EA NLS	
	Antimony, Dissolved		<1 µg/l				
	Arsenic Dissolved		2.35 µg/l				
	Boron, Dissolved		1320 µg/l				
	Cadmium, Dissolved		<5 µg/l				
	Calcium, Dissolved		513 mg/l				
	Chromium, Dissolved		17.8 µg/l				
	Copper, Dissolved		2.79 µg/l				
	Iron, Dissolved		<30 µg/l				
	Magnesium, Dissolved		57.1 mg/l				
	Manganese, Dissolved		58.5 µg/l				
	Molybdenum, Dissolved		4550 µg/l				
	Nickel, Dissolved		16.3 µg/l				
	Selenium Dissolved		1.91 µg/l				
	Vanadium, Dissolved		6.92 µg/l				
	Mercury, Dissolved		<0.01 µg/l				
	Total Alkalinity as CaCO3		236 mg/l				
	Electrical Conductivity at 20C		5820 mS/cm				
	Potassium, Dissolved		68.1 mg/l				
	Sodium, Dissolved		783 mg/l				
	Sulphate, Dissolved		884 mg/l				
	Total Oxidised Nitrogen		44.6 mg/l				
Chloride		1400 mg/l					
Fluoride		0.176 mg/l					
Ammoniacal Nitrogen		5.01 mg/l					
Total Organic Carbon		1.1 mg/l					
Nitrate		42.1 mg/l					
pH		7.23 pH Units					

Emission point	Substance/ Parameter	Emission Limit Value	Result <sup>[1]</sup>	Test Method <sup>[2]</sup>	Sample Date and Times <sup>[3]</sup>	Accreditation/ Certification <sup>[4]</sup>	Uncertainty <sup>[5]</sup>
DP2	Aluminium, Dissolved		<20 µg/l		01/07/2019	Sampling Station/Testing EA NLS	
	Antimony, Dissolved		<1 µg/l				
	Arsenic Dissolved		1.60 µg/l				
	Boron, Dissolved		1190.00 µg/l				
	Cadmium, Dissolved		<10 µg/l				
	Calcium, Dissolved		511.00 mg/l				
	Chromium, Dissolved		10.70 µg/l				
	Copper, Dissolved		<10 µg/l				
	Iron, Dissolved		<30 µg/l				
	Magnesium, Dissolved		49.30 mg/l				
	Manganese, Dissolved		90.10 µg/l				
	Molybdenum, Dissolved		4240.00 µg/l				
	Nickel, Dissolved		15.90 µg/l				
	Selenium Dissolved		44.00 µg/l				
	Vanadium, Dissolved		3.82 µg/l				
	Mercury, Dissolved		<0.01 µg/l				
	Total Alkalinity as CaCO <sub>3</sub>		15.00 mg/l				
	Electrical Conductivity at 20C		6100.00 mS/cm				
	Potassium, Dissolved		72.30 mg/l				
	Sodium, Dissolved		832.00 mg/l				
Sulphate, Dissolved		1900.00 mg/l					
Total Oxidised Nitrogen		38.10 mg/l					
Chloride		1480.00 mg/l					
Fluoride		0.15 mg/l					
Ammoniacal Nitrogen		5.55 mg/l					
Total Organic Carbon		1.40 mg/l					
Nitrate		36.40 mg/l					
pH		7.24 pH Units					

[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

[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 Agency is used, then

[3] For non-continuous measurements the date and time of the sample that produced the result is given. For continuous measurements, or flow/time proportional samples, the

[4] The accreditation status of the equipment and/or the monitoring organisation, as appropriate, for the methods used for both sampling and analysis.

[5] The uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated.

[6] The emission limit values for all substances is expressed as a maximum individual value, unless otherwise stated.

*R. T. Powell*

Signed ..... Date 27/07/2019

(authorised to sign as representative of the Operator)