

Reporting of Emission to Groundwater for the period of September 2024

Operator: CCR Energy Ltd

Form: Groundwater1

Location: Aberthaw Ash Disposal Site

Permit/Variation Number: DP3432SW

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>
BH3B	Aluminium, Dissolved		<10 µg/L		11/09/2024	Sampling WSP / Testing ALS	
	Antimony, Dissolved		5.48 µg/L				
	Arsenic, Dissolved		132 µg/L				
	Boron, Dissolved		26500 µg/L				
	Cadmium, Dissolved		0.246 µg/L				
	Calcium, Dissolved		433000 µg/L				
	Chromium, Dissolved		<1 µg/L				
	Hexavalent Chromium		<30 µg/L				
	Copper, Dissolved		<0.3 µg/L				
	Magnesium, Dissolved		224000 µg/L				
	Manganese, Dissolved		328 µg/L				
	Molybdenum, Dissolved		2320 µg/L				
	Nickel, Dissolved		0.788 µg/L				
	Selenium Dissolved		4.68 µg/L				
	Vanadium, Dissolved		17.3 µg/L				
	Mercury, Dissolved		<0.01 µg/L				
	Alkalinity to pH 4.5 as CaCO <sub>3</sub>		240000 µg/L				
	Iron, Dissolved		<19 µg/L				
	Potassium, Dissolved		108000 µg/L				
	Sodium, Dissolved		670000 µg/L				
	Sulphate, Dissolved as SO <sub>4</sub>		1550000 µg/L				
	Nitrogen: Total Oxidised as N		226 µg/L				
	Chloride		1210000 µg/L				
Fluoride		<500 µg/L					
Ammoniacal Nitrogen as N		279 µg/L					
Carbon, Organic: Total as C		<3000 µg/L					

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>
	Electrical conductivity		6250 µS/cm	Field measurements			
	Temperature		13.0 °C				
	Dissolved oxygen		3.5 mg/L				
	pH		6.98				
	Oxidation reduction potential		116 mV				
	Groundwater level		3.97 mAOD				

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>
BH5	Aluminium, Dissolved		<10 µg/L		12/09/2024	Sampling WSP / Testing ALS	
	Antimony, Dissolved		<1 µg/L				
	Arsenic, Dissolved		0.738 µg/L				
	Boron, Dissolved		1100 µg/L				
	Cadmium, Dissolved		<0.08 µg/L				
	Calcium, Dissolved		293000 µg/L				
	Chromium, Dissolved		<1 µg/L				
	Hexavalent Chromium		<30 µg/L				
	Copper, Dissolved		<0.3 µg/L				
	Magnesium, Dissolved		19800 µg/L				
	Manganese, Dissolved		67.3 µg/L				
	Molybdenum, Dissolved		<3 µg/L				
	Nickel, Dissolved		1.59 µg/L				
	Selenium, Dissolved		1.1 µg/L				
	Vanadium, Dissolved		<1 µg/L				
	Mercury, Dissolved		<0.01 µg/L				
	Alkalinity to pH 4.5 as CaCO <sub>3</sub>		338000 µg/L				
	Iron, Dissolved		420 µg/L				
	Potassium, Dissolved		1570 µg/L				
	Sodium, Dissolved		47100 µg/L				
	Sulphate, Dissolved as SO <sub>4</sub>		498000 µg/L				
	Nitrogen: Total Oxidised as N		237 µg/L				
	Chloride		55100 µg/L				
	Fluoride		<500 µg/L				
	Ammoniacal Nitrogen as N		<200 µg/L				
	Carbon, Organic: Total as C		<3000 µg/L				
Electrical conductivity		1560 µS/cm	Field measurements				
Temperature		11.8 °C					
Dissolved oxygen		3.26 mg/L					
pH		6.72					
Oxidation reduction potential		-82 mV					

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>
	Groundwater level		8.69 mAOD				

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>
BH6	Aluminium, Dissolved		<10 µg/L		12/09/2024	Sampling WSP / Testing ALS	
	Antimony, Dissolved		9.23 µg/L				
	Arsenic, Dissolved		71.5 µg/L				
	Boron, Dissolved		21400 µg/L				
	Cadmium, Dissolved		0.351 µg/L				
	Calcium, Dissolved		603000 µg/L				
	Chromium, Dissolved		<1 µg/L				
	Hexavalent Chromium		<30 µg/L				
	Copper, Dissolved		<0.3 µg/L				
	Magnesium, Dissolved		212000 µg/L				
	Manganese, Dissolved		950 µg/L				
	Molybdenum, Dissolved		3290 µg/L				
	Nickel, Dissolved		4.74 µg/L				
	Selenium Dissolved		55.8 µg/L				
	Vanadium, Dissolved		64.1 µg/L				
	Mercury, Dissolved		<0.01 µg/L				
	Alkalinity to pH 4.5 as CaCO <sub>3</sub>		507000 µg/L				
	Iron, Dissolved		82.3 µg/L				
	Potassium, Dissolved		73500 µg/L				
	Sodium, Dissolved		597000 µg/L				
	Sulphate, Dissolved as SO <sub>4</sub>		1870000 µg/L				
Nitrogen: Total Oxidised as N		1420 µg/L					
Chloride		991000 µg/L					
Fluoride		<500 µg/L					
Ammoniacal Nitrogen as N		2240 µg/L					
Carbon, Organic: Total as C		3010 µg/L					
Electrical conductivity		3287 µS/cm					

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>
	Temperature		14.3 °C	Field measurements			
	Dissolved oxygen		6.1 mg/L				
	pH		7.40				
	Oxidation reduction potential		-66 mV				
	Groundwater level		8.15 mAOD				

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>
BH7A	Aluminium, Dissolved		<10 µg/L		10/09/2024	Sampling WSP / Testing ALS	
	Antimony, Dissolved		<1 µg/L				
	Arsenic, Dissolved		22.1 µg/L				
	Boron, Dissolved		23100 µg/L				
	Cadmium, Dissolved		0.222 µg/L				
	Calcium, Dissolved		687000 µg/L				
	Chromium, Dissolved		<1 µg/L				
	Hexavalent Chromium		<30 µg/L				
	Copper, Dissolved		<0.3 µg/L				
	Magnesium, Dissolved		113000 µg/L				
	Manganese, Dissolved		921 µg/L				
	Molybdenum, Dissolved		3820 µg/L				
	Nickel, Dissolved		0.69 µg/L				
	Selenium Dissolved		<1 µg/L				
	Vanadium, Dissolved		<1 µg/L				
	Mercury, Dissolved		<0.01 µg/L				
	Alkalinity to pH 4.5 as CaCO <sub>3</sub>		283000 µg/L				
	Iron, Dissolved		4540 µg/L				
	Potassium, Dissolved		239000 µg/L				
	Sodium, Dissolved		1940000 µg/L				
	Sulphate, Dissolved as SO <sub>4</sub>		1890000 µg/L				
	Nitrogen: Total Oxidised as N		<100 µg/L				
	Chloride		3190000 µg/L				
	Fluoride		<500 µg/L				
	Ammoniacal Nitrogen as N		2610 µg/L				
	Carbon, Organic: Total as C		<3000 µg/L				
Electrical conductivity		12585 µS/cm	Field measurements				
Temperature		14.0 °C					
Dissolved oxygen		1.55 mg/L					
pH		7.18					
Oxidation reduction potential		-112 mV					

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>
	Groundwater level		3.01 mAOD				

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>
BH7B	Aluminium, Dissolved		<10 µg/L		11/09/2024	Sampling WSP / Testing ALS	
	Antimony, Dissolved		<1 µg/L				
	Arsenic, Dissolved		25.6 µg/L				
	Boron, Dissolved		19800 µg/L				
	Cadmium, Dissolved		0.285 µg/L				
	Calcium, Dissolved		542000 µg/L				
	Chromium, Dissolved		<1 µg/L				
	Hexavalent Chromium		<30 µg/L				
	Copper, Dissolved		<0.3 µg/L				
	Magnesium, Dissolved		113000 µg/L				
	Manganese, Dissolved		1030 µg/L				
	Molybdenum, Dissolved		3440 µg/L				
	Nickel, Dissolved		0.488 µg/L				
	Selenium Dissolved		<1 µg/L				
	Vanadium, Dissolved		<1 µg/L				
	Mercury, Dissolved		<0.01 µg/L				
	Alkalinity to pH 4.5 as CaCO <sub>3</sub>		431000 µg/L				
	Iron, Dissolved		6330 µg/L				
	Potassium, Dissolved		201000 µg/L				
	Sodium, Dissolved		1060000 µg/L				
	Sulphate, Dissolved as SO <sub>4</sub>		1600000 µg/L				
	Nitrogen: Total Oxidised as N		677 µg/L				
Chloride		2280000 µg/L					
Fluoride		<1000 µg/L					
Ammoniacal Nitrogen as N		2020 µg/L					
Carbon, Organic: Total as C		<3000 µg/L					
Electrical conductivity		9728 µS/cm					
Temperature		14.2 °C					

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>
	Dissolved oxygen		1.67 mg/L	Field measurements			
	pH		7.15				
	Oxidation reduction potential		-93 mV				
	Groundwater level		2.68 mAOD				

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>
BH8A	Aluminium, Dissolved		308 µg/L		12/09/2024	Sampling WSP / Testing ALS	
	Antimony, Dissolved		9.91 µg/L				
	Arsenic, Dissolved		46.4 µg/L				
	Boron, Dissolved		12500 µg/L				
	Cadmium, Dissolved		0.148 µg/L				
	Calcium, Dissolved		560000 µg/L				
	Chromium, Dissolved		<1 µg/L				
	Hexavalent Chromium		<30 µg/L				
	Copper, Dissolved		<0.3 µg/L				
	Magnesium, Dissolved		17000 µg/L				
	Manganese, Dissolved		18.2 µg/L				
	Molybdenum, Dissolved		3390 µg/L				
	Nickel, Dissolved		<0.4 µg/L				
	Selenium Dissolved		37 µg/L				
	Vanadium, Dissolved		146 µg/L				
	Mercury, Dissolved		<0.01 µg/L				
	Alkalinity to pH 4.5 as CaCO <sub>3</sub>		45400 µg/L				
	Iron, Dissolved		<19 µg/L				
	Potassium, Dissolved		71800 µg/L				
	Sodium, Dissolved		405000 µg/L				
Sulphate, Dissolved as SO <sub>4</sub>		1200000 µg/L					
Nitrogen: Total Oxidised as N		9130 µg/L					
Chloride		757000 µg/L					
Fluoride		<500 µg/L					
Ammoniacal Nitrogen as N		766 µg/L					

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>
	Carbon, Organic: Total as C		<3000 µg/L	Field measurements			
	Electrical conductivity		4987 µS/cm				
	Temperature		13.1 °C				
	Dissolved oxygen		2.15 mg/L				
	pH		8.64				
	Oxidation reduction potential		-35 mV				
	Groundwater level		7.16 mAOD				

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>
BH8B	Aluminium, Dissolved		<10 µg/L		12/09/2024	Sampling WSP / Testing ALS	
	Antimony, Dissolved		<1 µg/L				
	Arsenic, Dissolved		9.25 µg/L				
	Boron, Dissolved		2500 µg/L				
	Cadmium, Dissolved		<0.08 µg/L				
	Calcium, Dissolved		855000 µg/L				
	Chromium, Dissolved		<1 µg/L				
	Hexavalent Chromium		<30 µg/L				
	Copper, Dissolved		<0.3 µg/L				
	Magnesium, Dissolved		534000 µg/L				
	Manganese, Dissolved		388 µg/L				
	Molybdenum, Dissolved		198 µg/L				
	Nickel, Dissolved		3.19 µg/L				
	Selenium Dissolved		<1 µg/L				
	Vanadium, Dissolved		<1 µg/L				
	Mercury, Dissolved		<0.01 µg/L				
	Alkalinity to pH 4.5 as CaCO <sub>3</sub>		401000 µg/L				
	Iron, Dissolved		4680 µg/L				
	Potassium, Dissolved		134000 µg/L				
	Sodium, Dissolved		4320000 µg/L				
	Sulphate, Dissolved as SO <sub>4</sub>		972000 µg/L				
	Nitrogen: Total Oxidised as N		<100 µg/L				
	Chloride		8410000 µg/L				
	Fluoride		599 µg/L				
	Ammoniacal Nitrogen as N		6440 µg/L				
	Carbon, Organic: Total as C		<3000 µg/L				
Electrical conductivity		24244 µS/cm	Field measurements				
Temperature		12.4 °C					
Dissolved oxygen		1.31 mg/L					
pH		6.93					
Oxidation reduction potential		18 mV					

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>
	Groundwater level		7.12 mAOD				

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>
BH9B	Aluminium, Dissolved		<10 µg/L		10/09/2024	Sampling WSP / Testing ALS	
	Antimony, Dissolved		<1 µg/L				
	Arsenic, Dissolved		<0.5 µg/L				
	Boron, Dissolved		347 µg/L				
	Cadmium, Dissolved		<0.08 µg/L				
	Calcium, Dissolved		170000 µg/L				
	Chromium, Dissolved		<1 µg/L				
	Hexavalent Chromium		<30 µg/L				
	Copper, Dissolved		0.302 µg/L				
	Magnesium, Dissolved		24000 µg/L				
	Manganese, Dissolved		<3 µg/L				
	Molybdenum, Dissolved		<3 µg/L				
	Nickel, Dissolved		0.602 µg/L				
	Selenium Dissolved		1.83 µg/L				
	Vanadium, Dissolved		<1 µg/L				
	Mercury, Dissolved		<0.01 µg/L				
	Alkalinity to pH 4.5 as CaCO <sub>3</sub>		293000 µg/L				
	Iron, Dissolved		<19 µg/L				
	Potassium, Dissolved		2520 µg/L				
	Sodium, Dissolved		46200 µg/L				
	Sulphate, Dissolved as SO <sub>4</sub>		138000 µg/L				
	Nitrogen: Total Oxidised as N		4130 µg/L				
Chloride		129000 µg/L					
Fluoride		<500 µg/L					
Ammoniacal Nitrogen as N		<200 µg/L					
Carbon, Organic: Total as C		<3000 µg/L					
Electrical conductivity		1233 µS/cm					
Temperature		13.4 °C					

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>
	Dissolved oxygen		3.51 mg/L	Field measurements			
	pH		7.03				
	Oxidation reduction potential		-33 mV				
	Groundwater level		4.1 mAOD				

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>
BH10B	Aluminium, Dissolved		<10 µg/L		11/09/2024	Sampling WSP / Testing ALS	
	Antimony, Dissolved		<1 µg/L				
	Arsenic, Dissolved		71.4 µg/L				
	Boron, Dissolved		19600 µg/L				
	Cadmium, Dissolved		0.259 µg/L				
	Calcium, Dissolved		453000 µg/L				
	Chromium, Dissolved		<1 µg/L				
	Hexavalent Chromium		<30 µg/L				
	Copper, Dissolved		<0.3 µg/L				
	Magnesium, Dissolved		191000 µg/L				
	Manganese, Dissolved		984 µg/L				
	Molybdenum, Dissolved		2490 µg/L				
	Nickel, Dissolved		1.12 µg/L				
	Selenium Dissolved		<1 µg/L				
	Vanadium, Dissolved		3.62 µg/L				
	Mercury, Dissolved		<0.01 µg/L				
	Alkalinity to pH 4.5 as CaCO <sub>3</sub>		633000 µg/L				
	Iron, Dissolved		10500 µg/L				
	Potassium, Dissolved		74800 µg/L				
	Sodium, Dissolved		559000 µg/L				
	Sulphate, Dissolved as SO <sub>4</sub>		1300000 µg/L				
	Nitrogen: Total Oxidised as N		<100 µg/L				
	Chloride		985000 µg/L				
	Fluoride		<500 µg/L				
	Ammoniacal Nitrogen as N		1440 µg/L				
	Carbon, Organic: Total as C		<3000 µg/L				
Electrical conductivity		5734 µS/cm	Field measurements				
Temperature		14.0 °C					
Dissolved oxygen		1.72 mg/L					
pH		7.1					
Oxidation reduction potential		-88 mV					

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>
	Groundwater level		2.25 mAOD				

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>
BH11A	Aluminium, Dissolved		<10 µg/L		11/09/2024	Sampling WSP / Testing ALS	
	Antimony, Dissolved		5.43 µg/L				
	Arsenic, Dissolved		23.3 µg/L				
	Boron, Dissolved		21800 µg/L				
	Cadmium, Dissolved		0.125 µg/L				
	Calcium, Dissolved		465000 µg/L				
	Chromium, Dissolved		<1 µg/L				
	Hexavalent Chromium		<30 µg/L				
	Copper, Dissolved		0.55 µg/L				
	Magnesium, Dissolved		131000 µg/L				
	Manganese, Dissolved		36.3 µg/L				
	Molybdenum, Dissolved		1480 µg/L				
	Nickel, Dissolved		4.89 µg/L				
	Selenium Dissolved		23.1 µg/L				
	Vanadium, Dissolved		37.6 µg/L				
	Mercury, Dissolved		<0.01 µg/L				
	Alkalinity to pH 4.5 as CaCO <sub>3</sub>		544000 µg/L				
	Iron, Dissolved		21.2 µg/L				
	Potassium, Dissolved		57000 µg/L				
	Sodium, Dissolved		128000 µg/L				
	Sulphate, Dissolved as SO <sub>4</sub>		1330000 µg/L				
	Nitrogen: Total Oxidised as N		401 µg/L				
	Chloride		124000 µg/L				
Fluoride		<500 µg/L					
Ammoniacal Nitrogen as N		<200 µg/L					
Carbon, Organic: Total as C		<3000 µg/L					
Electrical conductivity		3232 µS/cm					
Temperature		13.9 °C					

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>
	Dissolved oxygen		1.11 mg/L	Field measurements			
	pH		6.74				
	Oxidation reduction potential		-4 mV				
	Groundwater level		9.14 mAOD				

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>
BH11B	Aluminium, Dissolved		<10 µg/L		11/09/2024	Sampling WSP / Testing ALS	
	Antimony, Dissolved		<1 µg/L				
	Arsenic, Dissolved		19.8 µg/L				
	Boron, Dissolved		17800 µg/L				
	Cadmium, Dissolved		0.231 µg/L				
	Calcium, Dissolved		686000 µg/L				
	Chromium, Dissolved		<1 µg/L				
	Hexavalent Chromium		<30 µg/L				
	Copper, Dissolved		<0.3 µg/L				
	Magnesium, Dissolved		137000 µg/L				
	Manganese, Dissolved		1470 µg/L				
	Molybdenum, Dissolved		2340 µg/L				
	Nickel, Dissolved		0.409 µg/L				
	Selenium Dissolved		<1 µg/L				
	Vanadium, Dissolved		1.66 µg/L				
	Mercury, Dissolved		<0.01 µg/L				
	Alkalinity to pH 4.5 as CaCO <sub>3</sub>		402000 µg/L				
	Iron, Dissolved		13100 µg/L				
	Potassium, Dissolved		186000 µg/L				
	Sodium, Dissolved		1420000 µg/L				
	Sulphate, Dissolved as SO <sub>4</sub>		1350000 µg/L				
	Nitrogen: Total Oxidised as N		<100 µg/L				
	Chloride		3200000 µg/L				
	Fluoride		<500 µg/L				
	Ammoniacal Nitrogen as N		4000 µg/L				
	Carbon, Organic: Total as C		<3000 µg/L				
Electrical conductivity		10609 µS/cm	Field measurements				
Temperature		18.0 °C					
Dissolved oxygen		1.07 mg/L					
pH		7.22					
Oxidation reduction potential		-104 mV					

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>
	Groundwater level		4.09 mAOD				

[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 Agency is used, then the appropriate identifier is given. In other cases the principal technique is stated, e.g. colorimetry.

[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 percentage of the process operating time covered by the monitoring is given.

[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.

Signed .....

Date.....

(authorised to sign as representative of the Operator)