

Permit Number: YP3937SH
Facility: Amex Park

Operator: Mekatek Limited
Form Number: Water1 / 31/10/2021

Reporting of emissions to water (other than to sewer) and land for the period from 01/10/2021 to 31/10/2021

Emission Point	Substance / Parameter	Emission Limit Value		Reference Period	Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Uncertainty ^[4]
W1	Suspended solids	75mg/l (winter period) ^[5]	Monthly analysis of bulk daily sample.	41mg/l	As per Technical Guidance Note (Monitoring) M18: Monitoring of discharges to water and sewer or other method as agreed in writing with the Regulator.	Monthly Composite		11.39%
		60mg/l (summer period) ^[6]						
	Total ammonium as N	20mg/l (winter period) ^[5]	Spot sample	7.10mg/l				13.9%
		15mg/l (summer period) ^[6]						
	Biochemical oxygen demand (5 day)	75mg/l (winter period) ^[5]	Spot sample	10mg/l		29/10/2021		23.60%
		40 mg/l (summer period) ^[6]						
	Oils and grease	No visible release	Visual inspection	No visible releases		Daily throughout month	N/A	
	Temperature	≤24°C	Spot readings	16.5		Daily throughout month	1 DP	
	pH	6 to 8.5	Continuous	6.70-7.74		Monthly Data	15.62%	
	Flow	39l/second 2500m ³ /day	Continuous	21.04l/second 1326.661m ³ /day		Monthly Data	8%	

[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 Natural Resources Wales is used, then the appropriate identifier is given. In other cases the principal technique is stated, for example gas chromatography.

[3]

For non-continuous measurements the date and time of the sample that produced the result is given. For continuous measurements the percentage of the process operating time covered by the result is given.

[4]

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

[5]

Winter period is defined as 01 October to 31 March.

[6]

Summer period is defined as 01 April to 30 September

Signed Date 28/11/22
(Authorised to sign as representative of Operator)

Permit Number: YP3937SH
Facility: Amex Park

Operator: Mekatek Limited
Form Number: Water1 / 30/11/2021

Reporting of emissions to water (other than to sewer) and land for the period from 01/11/2021 to 30/11/2021

Emission Point	Substance / Parameter	Emission Limit Value	Reference Period	Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Uncertainty ^[4]
W1	Suspended solids	75mg/l (winter period) ^[5] 60mg/l (summer period) ^[6]	Monthly analysis of bulk daily sample.	7mg/l	As per Technical Guidance Note (Monitoring) M18: Monitoring of discharges to water and sewer or other method as agreed in writing with the Regulator.	Monthly Composite	11.39%
	Total ammonium as N	20mg/l (winter period) ^[5] 15mg/l (summer period) ^[6]	Spot sample	12.2mg/l		Daily throughout month	13.9%
	Biochemical oxygen demand (5 day)	75mg/l (winter period) ^[5] 40 mg/l (summer period) ^[6]	Spot sample	7mg/l		30/11/2021	23.60%
	Oils and grease	No visible release	Visual inspection	No visible releases		Daily throughout month	N/A
	Temperature	≤24°C	Spot readings	14.5		Daily throughout month	1 DP
	pH	6 to 8.5	Continuous	7.19-7.91		Monthly Data	15.62%
	Flow	39l/second 2500m ³ /day	Continuous	21.47l/second 1283.987m ³ /day		Monthly Data	8%

^[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 Natural Resources Wales is used, then the appropriate identifier is given. In other cases the principal technique is stated, for example gas chromatography.

^[3]

For non-continuous measurements the date and time of the sample that produced the result is given. For continuous measurements the percentage of the process operating time covered by the result is given.

^[4]

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

^[5]

Winter period is defined as 01 October to 31 March.

^[6]

Summer period is defined as 01 April to 30 September

Signed
(Authorised to sign as representative of Operator)

Date: 28/11/22

Permit Number: YP3937SH
Facility: Amex Park

Operator: Mekatek Limited
Form Number: Water1 / 31/12/2021

Reporting of emissions to water (other than to sewer) and land for the period from 01/12/2021 to 31/12/2021

Emission Point	Substance / Parameter	Emission Limit Value	Reference Period	Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Uncertainty ^[4]
W1	Suspended solids	75mg/l (winter period) ^[5]	Monthly analysis of bulk daily sample.	8mg/l	As per Technical Guidance Note (Monitoring) M18: Monitoring of discharges to water and sewer or other method as agreed in writing with the Regulator.	Monthly Composite	11.39%
		60mg/l (summer period) ^[6]				Daily throughout month	13.9%
	Total ammonium as N	20mg/l (winter period) ^[5]	Spot sample	12.10mg/l		31/12/2021	23.60%
		15mg/l (summer period) ^[6]					
	Biochemical oxygen demand (5 day)	75mg/l (winter period) ^[5]	Spot sample	11mg/l		Daily throughout month	N/A
		40 mg/l (summer period) ^[6]					
	Oils and grease	No visible release	Visual inspection	No visible releases		Daily throughout month	1 DP
	Temperature	≤24°C	Spot readings	14.3		Daily throughout month	15.62%
	pH	6 to 8.5	Continuous	6.97-7.96		Monthly Data	8%
	Flow	39l/second 2500m³/day	Continuous	28.67l/second 1546.81m³/day		Monthly Data	

[1]

[2]

[3]

[4]

[5]

[6]

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. Where an internationally recognised standard test method is used the reference number is given. Where another method that has been formally agreed with Natural Resources Wales is used, then the appropriate identifier is given. In other cases the principal technique is stated, for example gas chromatography. For non-continuous measurements the date and time of the sample that produced the result is given. For continuous measurements the percentage of the process operating time covered by the result is given. The uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated. Winter period is defined as 01 October to 31 March. Summer period is defined as 01 April to 30 September

Signed
(Authorised to sign as representative of Operator)

Date: 22/11/22