

Permit Number: PP3338CQ Operator: Carmarthenshire County Council

Facility: Nantycaws Landfill ETP Form Number: Water1 / 17/08/2022

Reporting of emissions to water for the period from 23/08/2021 to 23/08/2021

Emission Point	Substance / Parameter	Emission		Reference Period	Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Uncertainty ^[4]
		Limit Value						
W1	Ammonium (N-NH ₄)	4.0 mg/L *			6.8 mg/L	Palintest	1300 23/08/21	
	pH	6 - 9			7.4			
	Total suspended solids	30 mg/L						
	BOD	20 mg/L						
	Iron	3.0 mg/L						
	COD	180 mg/L						
	Total nitrogen	25 mg/L						
	Total phosphorus	2 mg/L						
	Total daily discharge volume	250 m ³ /day						

[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.

* Note 1: Limit may be increased during storm events as agreed in writing with Natural Resources Wales following completion of Improvement Condition IC4

Signed ...M. Sillick.....
(Authorised to sign as representative of Operator)

Date.....24/08/21.....

Permit Number: PP3338CQ

Operator: Carmarthenshire County Council

Facility: Nantycaws Landfill ETP

Form Number: WaterUsage1 / 17/08/2022

Reporting of Water Usage for the year XX/XX/XXXX to 23/08/2021

Water Source	Usage (m ³ /year)	Specific Usage (m ³ /unit output)
Mains water	114.07	
TOTAL WATER USAGE		

Operator's comments :
Current water meter reading.

SignedM.Sillick.....
(authorised to sign as representative of Operator)

Date.....24/08/21.....

Permit Number: PP3338CQ

Operator: Carmarthenshire County Council

Facility: Nantycaws Landfill ETP

Form Number: Energy1 / 17/08/2022

Reporting of Energy Usage for the year XX/XX/XXXX to XX/XX/XXXX

Energy Source	Energy Usage		Specific Usage (MWh/unit output)
	Quantity	Primary Energy (MWh)	
Electricity *	MWh		
Natural Gas	MWh		
TOTAL	-		

* Conversion factor for delivered electricity to primary energy = 2.4

Operator's comments :

SignedM.Sillick.....
(Authorised to sign as representative of Operator)

Date...24/08/21.....

Permit Number: PP3338CQ

Operator: Carmarthenshire County Council

Facility: Nantycaws Landfill ETP

Form Number: Performance1 / 17/08/2022

Reporting of other performance indicators for the period XX/XX/XXXX to 23/08/2021

Parameter	Units
Total amount of waste treated	345933m ³
Generation of residues	tonnes
Generation of wastewater	m ³

Operator's comments :

Total amount of waste treated is the ammonia rich water treated by the main treatment facility.

SignedM.Sillick.....
(Authorised to sign as representative of Operator)

Date.....24/08/21.....