

# Notice of variation with introductory note

Environmental Permitting (England & Wales) Regulations 2016

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Gwynedd Council

Cilgwyn Leachate Treatment Plant  
Cilgwyn Landfill Site  
Cilgwyn  
Carmel  
Pen Y Groes  
Gwynedd  
LL54 7SF

Variation number

EPR/PP3539NV/V002

Permit number

EPR/PP3539NV

# **Cilgwyn Leachate Treatment Plant**

## **Permit number EPR/PP3539NV**

### **Introductory note**

#### **This introductory note does not form a part of the notice**

The following notice gives notice of the variation of an environmental permit.

The Operator has applied to reduce the monitoring frequency of spot sampling at discharge point W1 and on the Leachate Treatment Plant (LTP) discharge line from weekly to quarterly. Tables S3.1 and S3.2 have been updated accordingly.

The Operator's address has also been updated.

The schedules specify the changes made to the original permit.

The status log of a permit sets out the permitting history, including any changes to the permit reference number.

<b>Status log of the permit</b>		
<b>Description</b>	<b>Date</b>	<b>Comments</b>
Application received EPR/PP3539NV/A001	Duly made 26/03/2013	Application for biological leachate treatment plant
Schedule 5 request for additional information	28/06/2013	
Additional information received	11/07/2013	Clarification on MCERTS status, monitoring arrangements and comparison of expected plant performance against BAT benchmarks
Permit determined EPR/PP3539NV	12/09/2013	Permit issued to Gwynedd Council
Variation Application EPR/PP3539NV/V002	Duly made 25/09/2018	Application to change frequency of monitoring
Variation issued EPR/PP3539NV/V002	13/11/2018	

End of introductory note

## Notice of variation

Environmental Permitting (England and Wales) Regulations 2016

The Natural Resources Body for Wales (“Natural Resources Wales”) in exercise of its powers under regulation 20 of the Environmental Permitting (England and Wales) Regulations 2016 varies

Permit number  
**EPR/PP3539NV**

issued to:  
**Gwynedd Council** (“the operator”)

of

**Gwynedd Council  
Municipal Works  
Cibyn Industrial Estate  
Caernarfon  
LL55 2BF**

to operate a regulated facility at

**Cilgwyn Leachate Treatment Plant  
Cilgwyn Landfill Site  
Cilgwyn  
Carmel  
Pen Y Groes  
Gwynedd  
LL54 7SF**

to the extent set out in the schedules.

Signed

Date

**Holly Noble**

**13/11/2018**

Authorised on behalf of Natural Resources Wales

**Schedule 1 – conditions to be deleted**

None

## Schedule 2 – conditions to be amended

The following conditions are amended as a result of the application made by the operator

Table S3.1 is replaced with the following:

Table S3.1 Point Source emissions to water (other than sewer) and land – emission limits and monitoring requirements						
Emission point ref. & location	Source	Parameter	Limit (incl. unit)	Reference Period	Monitoring frequency	Monitoring standard or method
W1 on site plan in schedule 7 emission to tributary of the River Llyfni (NGR SH 250100 353651)	Leachate Treatment Plant combined with excess untreated leachate and surface water from Cilgwyn Landfill	Biochemical Oxygen Demand (BOD)	40 mg/l	Spot sample	Quarterly <sup>[2]</sup>	As per the Natural Resources Wales's Technical Guidance M18 – Monitoring of Discharges to Water and Sewer
		Ammoniacal Nitrogen	50mg/l			
		Total suspended solids	60mg/l			
		pH <sup>[1]</sup>	6-9			
<sup>[1]</sup> The requirements for pH monitoring apply from the date on which chemical dosing commences.						
<sup>[2]</sup> The quarterly samples required in Tables S3.1 and S3.2 shall be collected on the same day.						

Table S3.2 is replaced with the following

<b>Table S3.2 Process monitoring requirements</b>				
<b>Emission point reference or source or description of point of measurement</b>	<b>Parameter</b>	<b>Monitoring frequency</b>	<b>Monitoring standard or method</b>	<b>Other specifications</b>
LTP Splitter Tank	Leachate feed temperature	Continuous	Standard template sensor	
LTP Influent Treatment Line	pH <sup>[1]</sup>	Continuous	MCERTS approved	
LTP Discharge Line	Total daily volume of treated leachate (m <sup>3</sup> )	Continuous	MCERTS self-monitoring of effluent flow scheme	24-hour total
	Biochemical Oxygen Demand (BOD)	Quarterly <sup>[3]</sup>	As per the Natural Resources Wales's Technical Guidance M18 – Monitoring of Discharges to Water and Sewer	
	Ammoniacal Nitrogen	Continuous Quarterly <sup>[3]</sup>	As per the Natural Resources Wales's Technical Guidance M18 – Monitoring of Discharges to Water and Sewer	
	Total Suspended Solids	Quarterly <sup>[3]</sup>	As per the Natural Resources Wales's Technical Guidance M18 – Monitoring of Discharges to Water and Sewer	
	pH <sup>[1]</sup>	Continuous	MCERTS approved	
Excess Untreated Leachate from the Cilgwyn adit <sup>[2]</sup>	Total daily volume of discharge (m <sup>3</sup> )	Continuous	V-notch weir & datalogger	
<p>[1] The requirements for pH monitoring apply from the date on which chemical dosing commences</p> <p>[2] All untreated leachate flows up to 800m<sup>3</sup>/day are drawn from the adit prior to the v-notch weir and routed to the leachate treatment plant. Therefore the v-notch weir records volumes arising in excess of 800m<sup>3</sup>/day.</p> <p>[3] The quarterly samples required in Tables S3.1 and S3.2 shall be collected on the same day.</p>				

**Schedule 3 – conditions to be added**

None