

Schedule 5 - Notification

TIR0214 13/07/2022

Part A

Permit Number	VP3935AT			
Name of Operator	Enovert South Ltd			
Location of Installation	Tir John Landfill, Wern Terrace, Off Fabian Way, Swansea, SA1 8PA			
Time and date of the detection	Q2 2022			
(b) Notification requirements for the breach of a limit (within 24 hours unless otherwise agreed)				
Emission point reference/ source	Ammoniacal-N as N mg/l:			
Parameter(s)	ID	Date	Ammoniacal-N (mg/l)	
Limit			Result	Limit
Measured value and uncertainty	GDW18	14/06/2022	195	
Date and time of monitoring	Ortho Phosphate as PO4 mg/l:			
	ID	Date	Phosphate (mg/l)	
			Result	Limit
	GDW04	14/06/2022	< 0.062	0.05
	GDW05	14/06/2022	0.062	0.05
	GDW06	14/06/2022	< 0.062	0.05
	GDW07	14/06/2022	Dry	0.05
	GDW08	14/06/2022	< 0.062	0.05
	GDW09	14/06/2022	0.077	0.05
	GDW10	14/06/2022	< 0.062	0.05
	GDW11	14/06/2022	< 0.062	0.05
	GDW12	14/06/2022	< 0.062	0.05
	GDW14	14/06/2022	< 0.062	0.05
	GDW15	14/06/2022	< 0.062	0.05
	GDW16	14/06/2022	< 0.062	0.05
GDW17	14/06/2022	< 0.062	0.05	
GDW18	14/06/2022	< 0.062	0.05	
Measures taken, or intended to be taken, to stop the emission	Not applicable as there is no indication of any emission from the site occurring.			

Part B to be supplied as soon as practicable

Any more accurate information on the matters for notification under Part A.	We switched to a new accredited laboratory in January 2021 and the permit limits set for Orthophosphate are lower than the laboratory can reach using accredited analytical methods, therefore many of the results are less than the limit of detection. Historical breaches of Orthophosphate have primarily occurred in the boreholes on the Northern perimeter of the Tir-John site. We are planning to review the limits set on orthophosphate at the next permit variation application. The ammonia trends at GDW18 are discussed at length in the 2021 Annual Report and 2018 HRA Review, and chloride remains low, indicating that this is unlikely to be leachate seepage and more likely attributed to the recharge from waters originating in the Crymlyn Bog.
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Measures taken, or intended to be taken, to prevent a recurrence of the incident	Not applicable as the results do not indicate a pollution incident. If this was the case, we would expect to see increases across a whole range of parameters.
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission	To summarise, there is no evidence that any pollution has been caused by the landfill, and all evidence points towards these limit exceedances having been caused by natural background variation or analytical interference.
The dates of any unauthorised emissions from the installation in the preceding 24 months.	See previous notifications.
Name*	Elizabeth Forrest
Post	Environmental Data Analyst
Date	13/07/2022

* authorised to sign on behalf of City & County of Swansea / Enovert South Ltd