

Schedule 5 - Notification

TIR0227 05/01/2023

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	December 2022
(b) Notification requirements for the breach of a limit (within 24 hours unless otherwise agreed)	
Emission point reference/ source	Phase 2 LEW Leachate Wells
Parameter(s)	Leachate Head above Cell Base
Limit	>1m
Measured value and uncertainty	See Table 1 Below
Date and time of monitoring	
Measures taken, or intended to be taken, to stop the emission	Leachate remains contained within the engineered containment system, so no emission from the site is occurring.

Part B to be supplied as soon as practicable

Any more accurate information on the matters for notification under Part A.	Leachate removal to sewer is ongoing.
Measures taken, or intended to be taken, to prevent a recurrence of the incident	Landfill capping works progressed well in 2021 and 2022, which will reduce rainfall infiltration.
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	The elevated levels in LEW14 are due to the pump failing due to the well conditions and a solution has been discussion within Enovert and with NRW. Dosing with bleach failed to break up the blockage, we are now looking into maceration. We managed to get a pump working in August but this got fouled subsequently by the precipitate causing the blockages and destroyed the pump. Similar precipitate issues are evidencing in other areas of the site, all are under ongoing investigation and the precipitate has been sampled for laboratory analysis.
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	05/01/2023

* authorised to sign on behalf of Enovert South Ltd

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Sample Point	Date	Leachate Head (m)	Comment
LEW07	14/12/2022	2.86	Blockage in well
LEW09a	14/12/2022	4.57	
LEW09b	14/12/2022	13.07	
LEW13a	14/12/2022	1.05	
LEW14	14/12/2022	14.90	
LEW20	14/12/2022	1.54	
LEW21	14/12/2022	2.02	
LEW24	14/12/2022	3.56	
LEW25	14/12/2022	1.73	
LEW26	14/12/2022	2.78	
LEW27	14/12/2022	3.93	
LEW28	14/12/2022	1.21	
LEW29	14/12/2022	6.30	
LEW32	14/12/2022	1.73	

Table 1: Breach of Compliance Limit for Leachate Boreholes Phase 2 area December 2022