

Schedule 5 - Notification

TIR0225 07/12/2022

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	November 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 continue to progress well in 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	Several leachate monitoring points in the Phase 2 area, demonstrate a repetitiveness in results i.e. the leachate levels only show relatively minor fluctuations and these same leachate monitoring points are consistently breaching the compliance limit. 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 lab 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	07/12/2022

* authorised to sign on behalf of Enovert South Ltd

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Sample Point	Date	Leachate Head (m)	Comment
LEW07	03/11/2022	2.89	Blockage in well Blockage in well/ No safe access
LEW07	29/11/2022	2.88	
LEW09a	03/11/2022	4.55	
LEW09a	29/11/2022	5.51	
LEW09b	03/11/2022	13.44	
LEW09b	29/11/2022		
LEW12a	03/11/2022	1.09	
LEW12a	29/11/2022	1.09	
LEW13a	03/11/2022	1.06	
LEW13a	29/11/2022	1.04	
LEW14	03/11/2022	14.9	Blockage in well Blockage in well
LEW14	29/11/2022	15.26	
LEW20	03/11/2022	1.55	No safe access
LEW20	29/11/2022	1.54	
LEW21	03/11/2022	3.04	
LEW21	29/11/2022	3.06	
LEW22	03/11/2022		
LEW22	29/11/2022	1.65	
LEW23	03/11/2022	3.25	
LEW23	29/11/2022	3.24	
LEW24	03/11/2022	3.59	
LEW24	29/11/2022	3.58	
LEW25	03/11/2022	3.79	Pump to be installed
LEW25	29/11/2022	0.74	
LEW26	03/11/2022	1.95	
LEW26	29/11/2022	1.92	
LEW27	03/11/2022	1.93	
LEW27	29/11/2022	1.92	
LEW28	03/11/2022	1.23	
LEW28	29/11/2022	1.23	
LEW29	03/11/2022	6.30	
LEW29	29/11/2022	6.28	
LEW32	03/11/2022	2.74	
LEW32	29/11/2022	2.74	

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