

Schedule 5 - Notification

TIR0218 20/09/2022

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	August 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. In the meantime, we have managed to get a pump working which has brought the level down.
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	20/09/2022

* authorised to sign on behalf of Enovert South Ltd

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Sample Point	Date	Leachate Head (m)	Comment
LEW07	16/08/2022	2.89	
LEW07	23/08/2022	2.90	
LEW09a	16/08/2022	6.02	
LEW09a	23/08/2022	6.04	
LEW09b	16/08/2022	11.92	
LEW09b	23/08/2022	11.93	
LEW12a	16/08/2022	1.97	
LEW12a	23/08/2022	1.96	
LEW13a	16/08/2022	1.08	
LEW13a	23/08/2022	1.06	
LEW14	16/08/2022	7.69	
LEW14	23/08/2022	7.50	
LEW20	16/08/2022	1.22	
LEW20	23/08/2022	1.23	
LEW21	16/08/2022	3.06	
LEW21	23/08/2022	3.05	
LEW22	16/08/2022	1.65	
LEW22	23/08/2022	1.64	
LEW24	16/08/2022	3.63	
LEW24	23/08/2022	3.61	
LEW25	16/08/2022	1.27	
LEW25	23/08/2022	1.26	
LEW26	16/08/2022	1.62	
LEW26	23/08/2022	1.56	
LEW27	16/08/2022	1.95	
LEW27	23/08/2022	1.97	
LEW28	16/08/2022	3.48	
LEW28	23/08/2022	3.50	
LEW29	16/08/2022	6.41	
LEW29	23/08/2022	5.86	
LEW30	16/08/2022	4.16	
LEW30	23/08/2022	4.18	
LEW31	16/08/2022	8.09	
LEW31	23/08/2022	8.02	
LEW32	16/08/2022	2.88	
LEW32	23/08/2022	2.86	

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