

Schedule 5 - Notification

TIR0220 12/10/2022

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	September 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 in August which has brought the level down, however this has since increased later in September. We appear to have a similar issue in LEW09b which is under investigation.
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	12/10/2022

* authorised to sign on behalf of Enovert South Ltd

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Sample Point	Date	Leachate Head (m)	Comment
LEW07	07/09/2022	2.89	Blockage in well
LEW07	30/09/2022	2.92	
LEW09a	07/09/2022	6.05	
LEW09a	30/09/2022	6.06	
LEW09b	07/09/2022	12.40	
LEW09b	30/09/2022	12.14	
LEW12a	07/09/2022	1.96	
LEW12a	30/09/2022	1.96	
LEW13a	07/09/2022	1.02	
LEW13a	30/09/2022	1.00	
LEW14	07/09/2022	7.76	Blockage in well
LEW14	30/09/2022	14.76	
LEW20	07/09/2022	1.25	
LEW20	30/09/2022	1.23	
LEW21	07/09/2022	3.04	
LEW21	30/09/2022	3.06	
LEW22	07/09/2022	1.64	
LEW22	30/09/2022	1.65	
LEW24	07/09/2022	3.63	
LEW24	30/09/2022	3.65	
LEW25	07/09/2022	1.16	
LEW25	30/09/2022	1.15	
LEW26	07/09/2022	1.46	
LEW26	30/09/2022	1.48	
LEW27	07/09/2022	1.94	
LEW27	30/09/2022	1.93	
LEW28	07/09/2022	3.49	
LEW28	30/09/2022	3.50	
LEW29	07/09/2022	6.42	
LEW29	30/09/2022	6.32	
LEW30	07/09/2022	4.18	
LEW30	30/09/2022	4.20	
LEW31	07/09/2022	8.09	
LEW31	30/09/2022	7.61	
LEW32	07/09/2022	2.88	
LEW32	30/09/2022	2.90	

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