

Schedule 5 - Notification

TIR0232 07/03/2023

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	January 2023
(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	07/03/2023

* authorised to sign on behalf of Enovert South Ltd

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Sample Point	Date	Leachate Head (m)	Comment
LEW07	22/02/2023	2.83	
LEW07	27/02/2023	2.69	
LEW09a	22/02/2023	4.42	
LEW09a	27/02/2023	4.40	
LEW09b	22/02/2023	13.84	Blockage in well
LEW09b	27/02/2023	13.74	Blockage in well
LEW13a	22/02/2023	1.13	
LEW13a	27/02/2023	1.13	
LEW14	22/02/2023	16.42	Blockage in well
LEW14	27/02/2023	16.40	Blockage in well
LEW15	22/02/2023	1.62	
LEW15	27/02/2023	1.62	
LEW16	22/02/2023	1.80	
LEW16	27/02/2023	1.90	
LEW20	22/02/2023	1.67	
LEW20	27/02/2023	1.69	
LEW21	22/02/2023	2.75	
LEW21	27/02/2023	2.67	
LEW22	22/02/2023	1.63	
LEW22	27/02/2023	1.60	
LEW23	22/02/2023	1.25	
LEW23	27/02/2023	1.27	
LEW24	22/02/2023	3.45	
LEW24	27/02/2023	3.36	
LEW25	22/02/2023	1.54	
LEW25	27/02/2023	1.49	
LEW26	22/02/2023	2.52	
LEW26	27/02/2023	2.49	
LEW27	22/02/2023	3.91	
LEW27	27/02/2023	3.89	
LEW28	22/02/2023	1.6	
LEW28	27/02/2023	1.58	
LEW29	22/02/2023	6.33	
LEW29	27/02/2023	6.52	
LEW32	22/02/2023	2.94	
LEW32	27/02/2023	2.96	

Table 1: Breach of Compliance Limit for Leachate Boreholes Phase 2 area February 2023