

Schedule 5 - Notification

TIR0230 09/02/2023

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	09/02/2023

* authorised to sign on behalf of Enovert South Ltd

Schedule 5 - Notification

TIR0230 09/02/2023

Sample Point	Date	Leachate Head (m)	Comment
LEW07	16/01/2023	2.93	
LEW07	27/01/2023	2.87	
LEW09a	16/01/2023	4.43	
LEW09a	27/01/2023	4.32	
LEW09b	16/01/2023	14.64	Blockage in well
LEW09b	27/01/2023	14.63	Blockage in well
LEW12a	16/01/2023	1.05	
LEW12a	27/01/2023	1.03	
LEW13a	16/01/2023	1.20	
LEW13a	27/01/2023	1.15	
LEW14	16/01/2023	17.02	Blockage in well
LEW14	27/01/2023	16.92	Blockage in well
LEW15	16/01/2023	1.62	
LEW15	27/01/2023	1.62	
LEW16	16/01/2023	1.90	
LEW16	27/01/2023	1.89	
LEW20	16/01/2023	1.69	
LEW20	27/01/2023	1.67	
LEW21	16/01/2023	3.06	
LEW21	27/01/2023	3.04	
LEW23	16/01/2023	1.11	
LEW23	27/01/2023	1.06	
LEW24	16/01/2023	3.45	
LEW24	27/01/2023	3.41	
LEW25	16/01/2023	1.33	
LEW25	27/01/2023	1.30	
LEW26	16/01/2023	2.94	
LEW26	27/01/2023	2.59	
LEW27	16/01/2023	3.95	
LEW27	27/01/2023	3.85	
LEW28	16/01/2023	5.75	
LEW28	27/01/2023	5.66	
LEW29	16/01/2023	7.32	
LEW29	27/01/2023	7.31	
LEW32	16/01/2023	2.89	
LEW32	27/01/2023	2.88	

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