

Schedule 5 - Notification

TIR0171 13/01/2021

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	December 2020
(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	The LEW Leachate Monitoring Points will continue to be monitored and results review, in accordance with Table 3.1 of Environmental Permit Number VP3935AT.

Part B to be supplied as soon as practicable

Any more accurate information on the matters for notification under Part A.	
Measures taken, or intended to be taken, to prevent a recurrence of the incident	Capping works have continued on Cell 15 which should help minimise the amount of rainfall infiltration into the waste mass and reduce leachate recharge. However, this work has now stopped due to ground and weather conditions which will allow the electric pumps to be reconnected, which will see a reduction in these levels.
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	In the previous SC5 it was highlighted that within the last year, 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 consistently breaching the compliance limit. However, from our long-term trend analysis we can clearly see that average levels across the site are consistently lower than they were 12 months ago, suggesting that pumping effort and incremental additional capping is having an impact on legacy leachate levels.
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	13/01/2021

* authorised to sign on behalf of City & County of Swansea / Enovert (South) Ltd

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Sample Point	Date	Leachate Head (m)	Comment
LEW07	15/12/2020	1.1	
LEW08	15/12/2020	0.15	
LEW09	15/12/2020	4.61	
LEW09b	15/12/2020	4.61	
LEW12a	15/12/2020	1.1	
LEW13a	15/12/2020	1.08	
LEW14	15/12/2020	1.3	
LEW14a	15/12/2020	4.32	
LEW15	15/12/2020	2.19	
LEW16	15/12/2020	0.39	
LEW20	15/12/2020	1.05	
LEW21	15/12/2020	3.95	
LEW22	15/12/2020	1.58	
LEW23	15/12/2020	3.6	
LEW24	15/12/2020	3.77	
LEW25	15/12/2020	1.56	
LEW26	15/12/2020	3.76	
LEW27	15/12/2020	3.81	
LEW28	15/12/2020	1.95	
LEW29	15/12/2020	6.77	
LEW30	15/12/2020	3.26	
LEW31	15/12/2020	7.06	
LEW32	15/12/2020	0.39	
LEW33	15/12/2020	0.24	

Table 1: Breach of Compliance Limit for Leachate Boreholes Phase 2 area December 2020