

Schedule 5 - Notification

TIR0192 19/10/2021

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	Q3 2021																																																																																		
(b) Notification requirements for the breach of a limit (within 24 hours unless otherwise agreed)																																																																																			
Emission point reference/ source	Ammoniacal-N as N mg/l: <table><tr><th rowspan="2">ID</th><th rowspan="2">Date</th><th colspan="2">Ammoniacal-N (mg/l)</th></tr><tr><th>Result</th><th>Limit</th></tr><tr><td>GDW24(S)</td><td>10/08/2021</td><td>80</td><td>75</td></tr><tr><td>GDW07</td><td>21/09/2021</td><td>18</td><td>15</td></tr><tr><td>GDW18</td><td>21/09/2021</td><td>16</td><td>5</td></tr></table> Ortho Phosphate as PO4 mg/l: <table><tr><th rowspan="2">ID</th><th rowspan="2">Date</th><th colspan="2">Phosphate (mg/l)</th></tr><tr><th>Result</th><th>Limit</th></tr><tr><td>GDW04</td><td>21/09/2021</td><td>0.27</td><td>0.05</td></tr><tr><td>GDW05</td><td>21/09/2021</td><td>2.4</td><td>0.05</td></tr><tr><td>GDW06</td><td>21/09/2021</td><td><0.062</td><td>0.05</td></tr><tr><td>GDW07</td><td>21/09/2021</td><td>0.61</td><td>0.05</td></tr><tr><td>GDW08</td><td>21/09/2021</td><td><0.062</td><td>0.05</td></tr><tr><td>GDW09</td><td>21/09/2021</td><td><0.062</td><td>0.05</td></tr><tr><td>GDW10</td><td>21/09/2021</td><td><0.062</td><td>0.05</td></tr><tr><td>GDW11</td><td>21/09/2021</td><td><0.062</td><td>0.05</td></tr><tr><td>GDW12</td><td>21/09/2021</td><td><0.062</td><td>0.05</td></tr><tr><td>GDW14</td><td>21/09/2021</td><td><0.062</td><td>0.05</td></tr><tr><td>GDW15</td><td>21/09/2021</td><td><0.062</td><td>0.05</td></tr><tr><td>GDW16</td><td>21/09/2021</td><td><0.062</td><td>0.05</td></tr><tr><td>GDW17</td><td>21/09/2021</td><td><0.062</td><td>0.05</td></tr><tr><td>GDW18</td><td>21/09/2021</td><td>0.079</td><td>0.05</td></tr></table>			ID	Date	Ammoniacal-N (mg/l)		Result	Limit	GDW24(S)	10/08/2021	80	75	GDW07	21/09/2021	18	15	GDW18	21/09/2021	16	5	ID	Date	Phosphate (mg/l)		Result	Limit	GDW04	21/09/2021	0.27	0.05	GDW05	21/09/2021	2.4	0.05	GDW06	21/09/2021	<0.062	0.05	GDW07	21/09/2021	0.61	0.05	GDW08	21/09/2021	<0.062	0.05	GDW09	21/09/2021	<0.062	0.05	GDW10	21/09/2021	<0.062	0.05	GDW11	21/09/2021	<0.062	0.05	GDW12	21/09/2021	<0.062	0.05	GDW14	21/09/2021	<0.062	0.05	GDW15	21/09/2021	<0.062	0.05	GDW16	21/09/2021	<0.062	0.05	GDW17	21/09/2021	<0.062	0.05	GDW18	21/09/2021	0.079	0.05
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Date and time of monitoring																																																																																			
Measures taken, or intended to be taken, to stop the emission	Not applicable as there is no indication of any emission from the site occurring.																																																																																		

Part B to be supplied as soon as practicable

Any more accurate information on the matters for notification under Part A.	We have switched to a new accredited laboratory in January 2021 and the permit limits set for Orthophosphate are lower than the accredited laboratory can reach using accredited analytical methods, therefore many of the results are less than the limit of detection. Historical breaches of Orthophosphate have primarily occurred in the boreholes on the Northern perimeter of the Tir-John site. We are planning to review the limits set on orthophosphate at the next permit variation application. The ammonia breach at GDW24(S) is minor and falls within the laboratory limits of uncertainty so this is not a breach when this is taken into account.
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	The historical ammonia breaches at GDW07 and GDW18 are discussed at length in the 2020 Annual Report and 2018 HRA Review, and chloride remains low, indicating that this is unlikely to be leachate seepage.
Measures taken, or intended to be taken, to prevent a recurrence of the incident	Not applicable as the results do not indicate a pollution incident. If this was the case, we would expect to see increases across a whole range of parameters.
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	To summarise, there is no evidence that any pollution has been caused by the landfill, and all evidence points towards these limit exceedances having been caused by natural background variation or analytical interference.
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	19/10/2021

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