

Schedule 6 - Notification

This page outlines the information that the Operator must provide.

Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

If any information is considered commercially confidential, it should be separated from non-confidential information, supplied on a separate sheet and accompanied by an application for commercial confidentiality under the provisions of the PPC Regulations.

Part A

Permit Number	CP3735PB
Name of Operator	CWM Environmental Limited
Location of Installation	Nantycaws Landfill Site, Llanddarog Road, Nantycaws, Carmarthen, SA32 8BG
Time and date of the detection	24/01/2022

(a) Notification requirements for any malfunction, breakdown or failure of equipment or techniques, accident, or fugitive emission which has caused, is causing or may cause significant pollution

To be notified within 24 hours of detection

Date and Time of the event	
Reference or description of the location of the event	
Description of where any release into the environment took place	
Substances(s) potentially released	
Best estimate of the quantity or rate of release of substances	
Measures take, or intended to be taken, to stop any emission	
Description of the failure or Accident	

(b) Notification requirements for the breach of a limit

To be notified within 24 hours of detection unless otherwise specified below

Emission point reference/source	Cell 1/2 Sump
Parameter(s)	Mecoprop (MCP)
Limit	71 µg/l
Measured value and uncertainty	108 µg/l
Date and time of monitoring	11/01/2021
Measures taken, or intended to be taken, to stop the emission	There were other MCP detections at Cell 3/4 Sump, Cell 5 Sump and the Leachate Holding Lagoon, which were recorded at 11.8 µg/l, 10.9 µg/l and 8.08 µg/l respectively. The detections for Cell 3/4 and Cell 5 did not exceed the compliance limits for these respective locations and the Leachate Holding Lagoon does not form part of the permit. Leachates are pumped out into the lagoon where upon they are removed for treatment.

	Suggest short review of recent MCPP in different locations for the site to look at any trends. WSP have found instances where the laboratory LOD (limit of detection) is greater than the compliance limit for MCPP and other determinants. WSP suggests that the laboratory reduce the LOD (if possible) for specific determinants with approval from the Client (CWM).
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Time periods for notification following detection of a breach of a limit	
Parameter	Notification period
MCPP	24hours

(c) Notification requirements for the detection of any significant adverse environmental effect	
To be notified within 24 hours of detection	
Description of where the effect on the environment was detected	
Substances(s) detected	
Concentrations of substances detected	
Date of monitoring/sampling	

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	
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	MCPP detections were recorded at Cell 1/2 in all 2020 quarterly monitoring rounds (Q1 – Q4). MCPP detections were also detected at Cell 1/2 in Q1 and Q4 2021. Continued surveillance of MCPP concentrations in successive monitoring rounds, including UD and surface water. Leachates are continually pumped out into the lagoon whereupon they are removed for treatment offsite Suggest short review of recent MCPP in different locations for the site to look for any trends. WSP have found instances where the laboratory LOD (limit of detection) is greater than the compliance limit for MCPP and other determinants. WSP suggests that the laboratory reduce the LOD (if possible) for specific determinants with approval from the Client (CWM).
The dates of any unauthorised emissions from the installation in the preceding 24 months	Schedule 6 notice was also issued for Cell 1/2 all 2020 quarterly monitoring rounds (Q1 – Q4), as well as Q1 and Q4 in 2021.

Name*	Siobhan McGarry
Post	Principal Hydrogeologist

Signature	
Date	24/01/2022

* authorised to sign on behalf of Cwm Environmental Ltd

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This page outlines the information that the Operator must provide.

Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

If any information is considered commercially confidential, it should be separated from non-confidential information, supplied on a separate sheet and accompanied by an application for commercial confidentiality under the provisions of the PPC Regulations.

Part A

Permit Number	CP3735PB
Name of Operator	CWM Environmental Limited
Location of Installation	Nantycaws Landfill Site, Llanddarog Road, Nantycaws, Carmarthen, SA32 8BG
Time and date of the detection	24/01/2022

(a) Notification requirements for any malfunction, breakdown or failure of equipment or techniques, accident, or fugitive emission which has caused, is causing or may cause significant pollution	
To be notified within 24 hours of detection	
Date and Time of the event	
Reference or description of the location of the event	
Description of where any release into the environment took place	
Substances(s) potentially released	
Best estimate of the quantity or rate of release of substances	
Measures take, or intended to be taken, to stop any emission	
Description of the failure or Accident	

(b) Notification requirements for the breach of a limit	
To be notified within 24 hours of detection unless otherwise specified below	
Emission point reference/source	NACW228
Parameter(s)	Mecoprop (MCP)
Limit (µg/l)	0.055
Measured value and uncertainty (µg/l)	0.0663
Date and time of monitoring	11/01/2022
Measures taken, or intended to be taken, to stop the emission	No other detections of MCP at adjacent monitoring locations. MCP exceedance detected at leachate monitoring point (Cell 1/2 Sump) in same round. Suggest short review of recent MCP in different locations for the site to look at any trends. WSP have found 6 instances from the January 2022 monitoring

	round (relating to all monitoring locations on the permit) where the laboratory LOD (limit of detection of 0.08µg/L) is greater than the compliance limit for MCPPE and other determinants thus providing false exceedances. The laboratory has confirmed that the samples are sometimes diluted due to interference of the sample on the instruments and does not necessarily reflect the "true" concentration of MCPPE in a sample i.e. concentration is likely <0.08µg/L. WSP have suggested (and where possible) that the laboratory try to avoid diluting the samples.
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Time periods for notification following detection of a breach of a limit	
Parameter	Notification period
MCPPE	24hours

(c) Notification requirements for the detection of any significant adverse environmental effect	
To be notified within 24 hours of detection	
Description of where the effect on the environment was detected	
Substances(s) detected	
Concentrations of substances detected	
Date of monitoring/sampling	

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	
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	No other detections of MCPPE at adjacent monitoring locations. MCPPE exceedance detected at leachate monitoring point (Cell 1/2 Sump) in same round. Exceedance of MCPPE occurred once in the last 24 months, during July 2021. Continued surveillance of MCPPE concentrations in successive monitoring rounds, including UD and surface water. Suggest short review of recent MCPPE in different locations for the site to look for any trends. WSP have found 6 instances from the January 2022 monitoring round (relating to all monitoring locations on the permit) where the laboratory LOD (limit of detection of 0.08µg/L) is greater than the compliance limit for MCPPE and other determinants thus providing false exceedances. The laboratory has confirmed that the samples are sometimes diluted due to interference of the sample on the instruments and does not necessarily reflect the "true" concentration of MCPPE in a sample i.e. concentration is likely <0.08µg/L. WSP have suggested (and where possible) that the laboratory try to avoid diluting the samples. WSP have found instances where the laboratory LOD is greater than the compliance limit for MCPPE and other determinants thus providing false exceedances for

	some sample locations. The laboratory has confirmed that the samples are sometimes diluted due to interference on the instruments and does not necessarily reflect the "true" concentration of MCPP in a sample i.e. concentration is likely <0.08µg/L. WSP have suggested (and where possible) that the laboratory try to avoid diluting the samples.
The dates of any unauthorised emissions from the installation in the preceding 24 months	No previous emissions in past 24 months.

Name*	Siobhan McGarry
Post	Principal Hydrogeologist
Signature	
Date	24/01/2022

* authorised to sign on behalf of Cwm Environmental Ltd