

Facility Information Summary

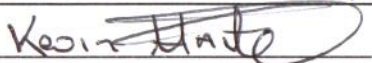
AER Reporting Year	2016
Licence Register Number	P0504-01
Name of site	Bord na Mona Mountdillon
Site Location	Mountdillon, Lanesboro, Co Longford
NACE Code	0892
Class/Classes of Activity	1.4
National Grid Reference (6E, 6 N)	E204720. N268880

A description of the activities/processes at the site for the reporting year. This should include information such as production increases or decreases on site, any infrastructural changes, environmental performance which was measured during the reporting year **and an overview of compliance with your licence** listing all exceedances of licence limits (where applicable) and what they relate to e.g. air, water, noise.

Activities on site can be divided into two components, firstly the milling, harrowing, ridging and harvesting of peat into stockpiles and secondly the transportation of that peat via an internal rail network to the Power Station and lorry outloading facilities. Production achieved was approximately 479,897 tonnes. Infrastructurally, there was bog development works at Coolcraff bog in Cuil na Gun. Works included ditching and levelling on an area of approximately 180 hectares and the construction of appropriately sized silt settlement ponds. There was 3 environmental complaints received during the reporting period, this was reported to the Agency through ALDER. In relation to silt pond cleaning, 100% of ponds received two cleanings with some ponds receiving three. The site had two trigger level exceedences for COD. in relation to quarterly grab results. In relation to composite sampling there was five trigger level exceedences for Ammonia. Decommissioning and Rehabilitation works are described in an attachment.

Declaration:

All the data and information presented in this report has been checked and certified as being

	<u>8/2/2017</u>
Signature Group/Facility manager (or nominated, suitably qualified and experienced deputy)	Date

AIR-summary template	Lic No:	P0504-01	Year	2016
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Answer all questions and complete all tables where relevant

Does your site have licensed air emissions? If yes please complete table A1 and A2 below for the current reporting year and answer further questions. If you do not have licenced emissions and do not complete a solvent management plan (table A4 and A5) you <u>do not</u> need to complete the tables		Additional information	
1	No	Fugitive emissions only	

Periodic/Non-Continuous Monitoring

2	Are there any results in breach of licence requirements? If yes please provide brief details in the comment section of TableA1 below	No	
3	Was all monitoring carried out in accordance with EPA guidance note AG2 and using the basic air monitoring checklist? Basic air monitoring checklist AGN2	Yes	

Table A1: Licensed Mass Emissions/Ambient data-periodic monitoring (non-continuous)

Emission reference no:	Parameter/ Substance	Frequency of Monitoring	ELV in licence or any revision thereof	Licence Compliance criteria	Measured value	Unit of measurement	Compliant with licence limit	Method of analysis	Annual mass load (kg)	Comments - reason for change in % mass load from previous year if applicable
	SELECT			SELECT		SELECT	SELECT	SELECT		
	SELECT			SELECT		SELECT	SELECT	SELECT		
	SELECT			SELECT		SELECT	SELECT	SELECT		
	SELECT			SELECT		SELECT	SELECT	SELECT		

Note 1: Volumetric flow shall be included as a reportable parameter

AIR-summary template			
Lic No:		P0504-01	Year
			2016
Continuous Monitoring			

4	Does your site carry out continuous air emissions monitoring?	No	
	If yes please review your continuous monitoring data and report the required fields below in Table A2 and compare it to its relevant Emission Limit Value (ELV)		
5	Did continuous monitoring equipment experience downtime? If yes please record downtime in table A2 below	No	
6	Do you have a proactive service agreement for each piece of continuous monitoring equipment?	No	
7	Did your site experience any abatement system bypasses? If yes please detail them in table A3 below	No	

Table A2: Summary of average emissions -continuous monitoring

Emission reference no:	Parameter/ Substance	ELV in licence or any revision thereof	Averaging Period	Compliance Criteria	Units of measurement	Annual Emission	Annual maximum	Monitoring Equipment downtime (hours)	Number of ELV exceedences in current reporting year	Comments
DM-01	Total Particulates	350mg/m2/day	84	Daily average < ELV	mg/m2/day	9380	244	0	0	
DM-02	Total Particulates	350mg/m2/day	84	Daily average < ELV	mg/m2/day	10640	189	0	0	
DM-05	Total Particulates	350mg/m2/day	84	Daily average < ELV	mg/m2/day	9128	115	0	0	
DM-06	Total Particulates	350mg/m2/day	84	Daily average < ELV	mg/m2/day	11032	161	0	0	
	SELECT				SELECT					

note 1: Volumetric flow shall be included as a reportable parameter.

Table A3: Abatement system bypass reporting table

[Bypass protocol](#)

Date*	Duration** (hours)	Location	Reason for bypass	Impact magnitude	Corrective action

* this should include all dates that an abatement system bypass occurred

** an accurate record of time bypass beginning and end should be logged on site and maintained for future Agency inspections please refer to bypass protocol link

AIR-summary template		Lic No:	P0504-01	Year	2016			
Solvent use and management on site								
8 Do you have a total Emission Limit Value of direct and fugitive emissions on site? if yes please fill out tables A4 and A5				No				
Table A4: Solvent Management Plan Summary Total VOC Emission limit value		Solvent regulations Please refer to linked solvent regulations to complete table 5 and 6						
Reporting year	Total solvent input on site (kg)	Total VOC emissions to Air from entire site (direct and fugitive)	Total VOC emissions as %of solvent input	Total Emission Limit Value (ELV) in licence or any revision thereof	Compliance			
					SELECT			
					SELECT			
Table A5: Solvent Mass Balance summary								
	(I) Inputs (kg)	(O) Outputs (kg)						
Solvent	(I) Inputs (kg)	Organic solvent emission in waste	Solvents lost in water (kg)	Collected waste solvent (kg)	Fugitive Organic Solvent (kg)	Solvent released in other ways e.g.	Solvents destroyed onsite through	Total emission of Solvent to air (kg)
							Total	

AER Monitoring returns summary template-WATER/WASTEWATER(SEWER)				Lic No:	P0504-01	Year	2016
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		Additional information
1	Does your site have licensed emissions direct to surface water or direct to sewer? If yes please complete table W2 and W3 below for the current reporting year and answer further questions. If you do not have licensed emissions you <u>only</u> need to complete table W1 and or W2 for storm water analysis and visual inspections	Yes
2	Was it a requirement of your licence to carry out visual inspections on any surface water discharges or watercourses on or near your site? If yes please complete table W2 below summarising <u>only</u> any evidence of contamination noted during visual inspections	Yes Monthly COD analysis of yard runoff is attached in a separate document.

Table W1 Storm water monitoring

Location reference	Location relative to site activities	PRTR Parameter	Licensed Parameter	Monitoring date	ELV or trigger level in licence or any revision thereof*	Licence Compliance criteria	Measured value	Unit of measurement	Compliant with licence	Comments
	SELECT	SELECT	SELECT			SELECT		SELECT	SELECT	
	SELECT	SELECT	SELECT			SELECT		SELECT	SELECT	

*trigger values may be agreed by the Agency outside of licence conditions

Table W2 Visual inspections-Please only enter details where contamination was observed.

Location Reference	Date of inspection	Description of contamination	Source of contamination	Corrective action	Comments
			SELECT		
			SELECT		

Licensed Emissions to water and /or wastewater(sewer)-periodic monitoring (non-continuous)

3	Was all monitoring carried out in accordance with EPA guidance and checklists for Quality of Aqueous Monitoring Data Reported to the EPA? If no please detail what areas require improvement in additional information box	Yes	Additional information Surface water monitoring was carried out on a quarterly basis. The results of which are attached. Monthly COD yard runoff results are also attached.
4		Yes	

Table W3: Licensed Emissions to water and /or wastewater (sewer)-periodic monitoring (non-continuous)

Emission reference no:	Emission released to	Parameter/ SubstanceNote 1	Type of sample	Frequency of monitoring	Averaging period	ELV or trigger values in licence or any revision thereof ^{Note 2}	Licence Compliance criteria	Measured value	Unit of measurement	Compliant with licence	Method of analysis	Procedural reference source	Procedural reference standard number	Annual mass load (kg)	Comments

Note 1: Volumetric flow shall be included as a reportable parameter

Note 2: Where Emission Limit Values (ELV) do not apply to your licence please compare results against EQS for Surface water or relevant receptor quality standards

AER Monitoring returns summary template-WATER/WASTEWATER(SEWER)

Lic No:

P0504-01

Year

2016

Continuous monitoring

5 Does your site carry out continuous emissions to water/sewer monitoring?

Yes

Additional Information

If yes please summarise your continuous monitoring data below in Table W4 and compare it to its relevant Emission Limit Value (ELV)

6 Did continuous monitoring equipment experience downtime? If yes please record downtime in table W4 below

Yes

86 days in 365. See note below

7 Do you have a proactive service contract for each piece of continuous monitoring equipment on site?

Yes

Annual calibration schedule and trouble shooting service

8 Did abatement system bypass occur during the reporting year? If yes please complete table W5 below

No

Table W4: Summary of average emissions -continuous monitoring

Emission reference no:	Emission released to	Parameter/ Substance	ELV or trigger values in licence or any revision thereof	Averaging Period	Compliance Criteria	Units of measurement	Annual Emission for current reporting year (kg)	% change +/- from previous reporting year	Monitoring Equipment downtime (hours)	Number of ELV exceedences in reporting year	Comments
SW62	Water	Suspended Solids	35	24 hour	All results < 1.5 times ELV, plus 8 from ten results must be < ELV	mg/L	9936.49		2064		Down time is usually due to no flow and battery failure issues. Increased SS loading due to less down time of sampler.
SW62	Water	Ammonia (as N)	1.42	Weekly		mg/L	167.53				Annual loading not representative as parameter only carried out weekly
SW62	Water	Total phosphorus	NA	Weekly	NA	mg/L	11.08				Annual loading not representative as parameter only carried out weekly
SW62	Water	COD	100	Weekly	NA	mg/L	11179				Annual loading not representative as parameter only carried out weekly
SW62	Water	volumetric flow	NA	24 hour	NA	m3/day	3680.74				Total flow divided by 365
SW62	Water	Total Dissolved Solids	NA	Weekly	NA	mg/L	162551				Increased TS due to less down time of sampler.

note 1: Volumetric flow shall be included as a reportable parameter.

Table W5: Abatement system bypass reporting table

Date	Duration (hours)	Location	Resultant emissions	Reason for bypass	Corrective action*	Was a report submitted to the EPA?	When was this report submitted?
						SELECT	

*Measures taken or proposed to reduce or limit bypass frequency

Bund/Pipeline testing template	Lic No:	P0504-01	Year	2016
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Bund testing

dropdown menu click to see options

Additional information

Are you required by your licence to undertake integrity testing on bunds and containment structures ? if yes please fill out table B1 below listing all **new bunds and containment structures** on site, in addition to **all bunds which failed** the integrity test-**all bunding structures which failed including mobile bunds must be listed in the table below, please include all bunds outside the licenced testing period** (mobile bunds and chemstore included)

1 Please provide integrity testing frequency period

Does the site maintain a register of bunds, underground pipelines (including stormwater and foul), Tanks, sumps and containers? (containers refers to "Chemstore" type units and mobile bunds)

4 How many bunds are on site?

5 How many of these bunds have been tested within the required test schedule?

6 How many mobile bunds are on site?

7 Are the mobile bunds included in the bund test schedule?

8 How many of these mobile bunds have been tested within the required test schedule?

9 How many sumps on site are included in the integrity test schedule?

10 How many of these sumps are integrity tested within the test schedule?

Please list any sump integrity failures in table B1

11 Do all sumps and chambers have high level liquid alarms?

12 If yes to Q11 are these failsafe systems included in a maintenance and testing programme?

13 Is the Fire Water Retention Pond included in your integrity test programme?

Yes	Bund Integrity testing due in 2017.
Other (2 Yearly)	
Yes	
	5
	5 All Passed
	7
No	
	0
	0
	0
N/A	
N/A	
N/A	

Table B1: Summary details of bund /containment structure integrity test

Bund/Containment structure ID	Type	Specify Other type	Product containment	Actual capacity	Capacity required*	Type of integrity test	Other test type	Test date	Integrity reports maintained on site?	Results of test	Integrity test failure explanation <50 words	Corrective action taken	Scheduled date for retest	Results of retest(if in current reporting year)
	SELECT					SELECT			SELECT	SELECT		SELECT		
	SELECT					SELECT			SELECT	SELECT		SELECT		

* Capacity required should comply with 25% or 110% containment rule as detailed in your licence

Has integrity testing been carried out in accordance with licence requirements and are all structures tested in

15 line with BS8007/EPA Guidance?

[bundings and storage guidelines](#)

16 Are channels/transfer systems to remote containment systems tested?

17 Are channels/transfer systems compliant in both integrity and available volume?

SELECT	Commentary
SELECT	
SELECT	

Pipeline/underground structure testing

Are you required by your licence to undertake integrity testing* on underground structures e.g. pipelines or sumps etc ? if yes please fill out table 2 below listing all

1 underground structures and pipelines on site **which failed the integrity test and all which have not been tested within the integrity test period as specified**

2 Please provide integrity testing frequency period

*please note integrity testing means water tightness testing for process and foul pipelines (as required under your licence)

Yes	Petrol tank Tested 19 March 2016 and Passed
Other (2 Yearly)	

Table B2: Summary details of pipeline/underground structures integrity test

Structure ID	Type system	Material of construction:	Does this structure have Secondary containment?	Type of secondary containment	Type integrity testing	Integrity reports maintained on site?	Results of test	Integrity test failure explanation <50 words	Corrective action taken	Scheduled date for retest	Results of retest(if in current reporting year)
	SELECT	SELECT	SELECT	SELECT	SELECT	SELECT	SELECT				SELECT

Please use commentary for additional details not answered by tables/ questions above

Groundwater/Soil monitoring template	Lic No: P0504-01	Year 2016
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Comments		
1 Are you required to carry out groundwater monitoring as part of your licence requirements?	no	Please provide an interpretation of groundwater monitoring data in the interpretation box below or if you require additional space please include a groundwater/contaminated land monitoring results interpretaion as an additional section in this AER
2 Are you required to carry out soil monitoring as part of your licence requirements?	no	
3 Do you extract groundwater for use on site? If yes please specify use in comment section	no	
4 Do monitoring results show that groundwater generic assessment criteria such as GTVs or IGVs are exceeded or is there an upward trend in results for a substance? If yes, please complete the Groundwater Monitoring Guideline Template Report (link in cell G8) and submit separately through ALDER as a licensee return AND answer questions 5-12 below. Groundwater monitoring template	SELECT	Please enter interpretation of data here
5 Is the contamination related to operations at the facility (either current and/or historic)	N/A	
6 Have actions been taken to address contamination issues?If yes please summarise remediation strategies proposed/undertaken for the site	N/A	
7 Please specify the proposed time frame for the remediation strategy	N/A	
8 Is there a licence condition to carry out/update ELRA for the site?	N/A	
9 Has any type of risk assesment been carried out for the site?	N/A	
10 Has a Conceptual Site Model been developed for the site?	N/A	
11 Have potential receptors been identified on and off site?	N/A	
12 Is there evidence that contamination is migrating offsite?	N/A	

Groundwater/Soil monitoring template

Lic No:

P0504-01

Year

2016

Table 1: Upgradient Groundwater monitoring results

Date of sampling	Sample location reference	Parameter/ Substance	Methodology	Monitoring frequency	Maximum Concentration++	Average Concentration+	unit	GTV's*	SELECT**	Upward trend in pollutant concentration over last 5 years of monitoring data
							SELECT			SELECT
							SELECT			SELECT

.+ where average indicates arithmetic mean

.++ maximum concentration indicates the maximum measured concentration from all monitoring results produced during the reporting year

Table 2: Downgradient Groundwater monitoring results

Date of sampling	Sample location reference	Parameter/ Substance	Methodology	Monitoring frequency	Maximum Concentration	Average Concentration	unit	GTV's*	SELECT**	Upward trend in yearly average pollutant concentration over last 5 years of monitoring data
							SELECT			SELECT
							SELECT			SELECT

*please note exceedance of generic assessment criteria (GAC) such as a Groundwater Threshold Value (GTV) or an Interim Guideline Value (IGV) or an upward trend in results for a substance indicates that further interpretation of monitoring results is required. In addition to completing the above table, please complete the Groundwater Monitoring Guideline Template Report at the link provided and submit separately through ALDER as a licensee return or as otherwise instructed by the EPA.

[Groundwater monitoring template](#)

More information on the use of soil and groundwater standards/ generic assessment criteria (GAC) and risk assessment tools is available in the EPA published guidance (see the link in G31)

[Guidance on the Management of Contaminated Land and Groundwater at EPA Licensed Sites \(EPA 2013\).](#)

**Depending on location of the site and proximity to other sensitive receptors alternative Receptor based Water Quality standards should be used in addition to the GTV e.g. if the site is close to surface water compare to Surface Water Environmental Quality Standards (SWEQS), if the site is close to a drinking water supply compare results to the Drinking Water Standards (DWS)

[Groundwater](#) [Drinking water](#)
[Surface](#) [regulations](#) [\(private supply\)](#) [Drinking water \(public](#) [Interim Guideline](#)
[water EQS](#) [GTV's](#) [standards](#) [supply\) standards](#) [Values \(IGV\)](#)

Table 3: Soil results

Date of sampling	Sample location reference	Parameter/ Substance	Methodology	Monitoring frequency	Maximum Concentration	Average Concentration	unit
							SELECT
							SELECT

Where additional detail is required please enter it here in 200 words or less

Environmental Liabilities template	Lic No:	P0504-01	Year	2016
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[Click here to access EPA guidance on Environmental Liabilities and Financial provision](#)

		Commentary
1	ELRA initial agreement status	Not a Licence Requirement
2	ELRA review status	NA
3	Amount of Financial Provision cover required as determined by the latest ELRA	NA
4	Financial Provision for ELRA status	NA
5	Financial Provision for ELRA - amount of cover	NA
6	Financial Provision for ELRA - type	NA
7	Financial provision for ELRA expiry date	NA
8	Closure plan initial agreement status	NA
9	Closure plan review status	NA
10	Financial Provision for Closure status	NA
11	Financial Provision for Closure - amount of cover	NA
12	Financial Provision for Closure - type	NA
13	Financial provision for Closure expiry date	NA

Environmental Management Programme/Continuous Improvement Programme template		Lic No:	P0504-01	Year	2016
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Highlighted cells contain dropdown menu click to view		Additional Information	
1	Do you maintain an Environmental Management System (EMS) for the site. If yes, please detail in additional information	Yes	Internal unaccredited EMS
2	Does the EMS reference the most significant environmental aspects and associated impacts on-site	Yes	
3	Does the EMS maintain an Environmental Management Programme (EMP) as required in accordance with the licence requirements	Yes	
4	Do you maintain an environmental documentation/communication system to inform the public on environmental performance of the facility, as required by the licence	Yes	

Environmental Management Programme (EMP) report

Objective Category	Target	Status (% completed)	How target was progressed	Responsibility	Intermediate outcomes
Reduction of emissions to Air	Training: Continue to train all employees in environmental matters. Training will be by means of the screening of an environmental DVD, followed by a power point presentation. Hydraulic Harrows. There are currently 13 Hydraulic Harrows in operation in Mount Dillon. 6 new hydraulic harrows were commissioned in 2016. Headland Peat Collection. Continue with the collection of headland peat, particularly at dust sensitive locations.	90	In total 119 Personnel received training in 2016. There was a total of 2756 tonnes of headland peat collected in the 2016 season. Thirteen hydraulic harrows were deployed during the 2016 production season.	Individual	Improved Environmental Management Practices
Waste reduction/Raw material usage efficiency	Waste Streamlining. It is planned to continue with and where possible improve the current waste management service provided by AES Ltd	100	Installed a waste management system. Quarterly waste reports are returned for records/filing and waste streams are segregated on site to maximise recycling potential.	Section Head	Improved Environmental Management Practices
Reduction of emissions to Water	Training: Continue to train all employees in environmental matters. Training will be by means of the screening of an environmental DVD, followed by a power point presentation.	90	In total 119 Personnel received training in 2016. There was a total of 2756 tonnes of headland peat collected in the 2016 season.	Individual	Improved Environmental Management Practices
	Increased bund capacity will be provided where required. Bund integrity testing will be carried out where required.	80	There were no additional bund requirements. Bund integrity testing will be carried out in 2017	Individual	Improved Environmental Management Practices
Waste reduction/Raw material usage efficiency	Continue with the recycling of polyethylene. The sourcing of more recycling contractors will be ongoing.	100	In total 540 tonnes were sent off site for recycling. Procurement also exploring the possibility of securing further recyclers.	Individual	Improved Environmental Management Practices
Energy Efficiency/Utility conservation	Continue with the implementation process of the Energy Standard 50001.	100	The monthly consumption of energy was regularly communicated to the relevant personnel. This included the KP's for peat production, maintenance and transportation as well as bog pumping and workshop electrical consumption. It is planned that ISO50001 be expanded to all parts of the business in 2017.	Section Head	Improved Environmental Management Practices
Groundwater protection	It is proposed to upgrade existing septic tank systems where required.	90	Septic tanks are continually being assessed and upgrade works scheduled where required. There was also a cleaning program carried out at the larger sites.	Section Head	Improved Environmental Management Practices

Noise monitoring summary report

Lic No: P0504-01

Year

2016

1 Was noise monitoring a licence requirement for the AER period?

No

If yes please fill in table N1 noise summary below

2 Was noise monitoring carried out using the EPA Guidance note, including completion of the "Checklist for noise measurement report" included in the guidance note as table 6?

[Noise Guidance note NG4](#)

NA

3 Does your site have a noise reduction plan

NA

4 When was the noise reduction plan last updated?

Enter date

5 Have there been changes relevant to site noise emissions (e.g. plant or operational changes) since the last noise survey?

NA

Table N1: Noise monitoring summary

Date of monitoring	Time period	Noise location (on site)	Noise sensitive location -NSL (if applicable)	LA _{eq}	LA ₉₀	LA ₁₀	LA _{max}	Tonal or Impulsive noise* (Y/N)	If tonal /impulsive noise was identified was 5dB penalty applied?	Comments (ex. main noise sources on site, & extraneous noise ex. road traffic)	Is <u>site</u> compliant with noise limits (day/evening/night)?
								SELECT	SELECT		SELECT

*Please ensure that a tonal analysis has been carried out as per guidance note NG4. These records must be maintained onsite for future inspection

If noise limits exceeded as a result of noise attributed to site activities, please choose the corrective action from the following options?

SELECT

** please explain the reason for not taking action/resolution of noise issues?

Any additional comments? (less than 200 words)

Resource Usage/Energy efficiency summary	Lic No:	P0504-01	Year	2016
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		Additional information	
1	When did the site carry out the most recent energy efficiency audit? Please list the recommendations in table 3 below	2016	
2	Is the site a member of any accredited programmes for reducing energy usage/water conservation such as the SEAI programme linked to the right? If yes please list them in additional information	Yes	The site secured accreditation to the energy standard 50001
3	Where Fuel Oil is used in boilers on site is the sulphur content compliant with licence conditions? Please state percentage in additional information	No	Not a Licence requirement

Table R1 Energy usage on site				
Energy Use	Previous year	Current year	Production +/- % compared to previous reporting year**	Energy Consumption +/- % vs overall site production*
Total Energy Used (MWHrs)	19353	16754		
Total Energy Generated (MWHrs)				
Total Renewable Energy Generated (MWHrs)				
Electricity Consumption (MWHrs)	3313.92	2082.17		
Fossil Fuels Consumption:				
Heavy Fuel Oil (m3)				
Light Fuel Oil (m3)	1578.82	1443.98		
Natural gas (m3)				
Coal/Solid fuel (metric tonnes)				
Peat (metric tonnes)				
Renewable Biomass				
Renewable energy generated on site				

* where consumption of energy can be compared to overall site production please enter this information as percentage increase or decrease compared to the previous reporting year.

** where site production information is available please enter percentage increase or decrease compared to previous year

Table R2 Water usage on site			Water Emissions			Water Consumption	
	Water extracted Previous year m3/yr.	Water extracted Current year m3/yr.	Production +/- % compared to previous reporting year**	Energy Consumption +/- % vs overall site production*	Volume Discharged back to environment(m ³ /yr):	Volume used i.e not discharged to environment e.g. released as steam m3/yr	Unaccounted for Water:
Water use							
Groundwater							
Surface water							
Public supply							
Recycled water							
Total							

* where consumption of water can be compared to overall site production please enter this information as percentage increase or decrease compared to the previous reporting year.

** where site production information is available please enter percentage increase or decrease compared to previous year

Resource Usage/Energy efficiency summary	Lic No:	P0504-01	Year	2016
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Table R3 Waste Stream Summary					
	Total	Landfill	Incineration	Recycled	Other
Hazardous (Tonnes)	35.6		0.9	34.698	
Non-Hazardous (Tonnes)	3531.13	13.92		742.77	2774.44

Table R4: Energy Audit finding recommendations								
Date of audit	Recommendations	Description of Measures proposed	Origin of measures	Predicted energy savings %	Implementation date	Responsibility	Completion date	Status and comments
			SELECT					
			SELECT					
			SELECT					

Table R5: Power Generation: Where power is generated onsite (e.g. power generation facilities/food and drink industry) please complete the following information

	Unit ID	Unit ID	Unit ID	Unit ID	Station Total
Technology					
Primary Fuel					
Thermal Efficiency					
Unit Date of Commission					
Total Starts for year					
Total Running Time					
Total Electricity Generated (GWH)					
House Load (GWH)					
KWH per Litre of Process Water					
KWH per Litre of Total Water used on Site					

Complaints and Incidents summary template		Lic No:	P0504-01	Year	2016
Complaints		Additional information			
Have you received any environmental complaints in the current reporting year? If yes please complete summary details of complaints received on site in table 1 below		<div style="border: 1px solid black; padding: 2px;"> <div style="background-color: #d9e1f2; display: inline-block; width: 100px; height: 1.2em; margin-bottom: 2px;"></div> <div style="border-bottom: 1px solid black; width: 100%;"></div> </div>			

Table 1 Complaints summary							
Date	Category	Other type (please specify)	Brief description of complaint (Free txt <20 words)	Corrective action< 20 words	Resolution status	Resolution date	Further information
26/01/2016	Air		Complaint of dust from Bord na Mona peatlands affecting a private residence adjacent to the bog.	This complaint in ongoing numerous steps have been taken including the planting of trees and moving tea centre. A wind sock was also installed and dust monitoring is ongoing.	Ongoing	Not available	Reported on Alder on 26/02/2016. Ref LR020951.
03/08/2016	Air		Dust affecting house	Both parties have agreed a resolution.	Complete	28/09/2016	Reported on Alder on 28/09/2016. Ref LR024979
26/09/2016	Air		Complaint about smoke from bog fire affecting house	BNM personell extinguished fire	Complete	27/09/2016	Reported on Alder on 28/09/2016. REF LR024982
Total complaints open at start of reporting year		1					
Total new complaints received during reporting year		2					
Total complaints closed during reporting year		2					
Balance of complaints end of reporting year		1					

Table 2 Incidents summary

Table 2: Incidents summary														
Date of occurrence	Incident nature	Location of occurrence	Incident category*please refer to guidance	Receptor	Cause of incident	Other cause(please specify)	Activity in progress at time of incident	Communication	Occurrence	Corrective action<20 words	Preventative action <20 words	Resolution status	Resolution date	Likelihood of reoccurrence
10/05/2016	Trigger level reached	SW62 Clooneeny	1. Minor	Water	Other (add details)	Naturally Occuring	Normal activities	EPA Ref INOI010307	New	Inspected internal outfall on 01/06/2016	Monitor future results	Complete	01/06/2016	Medium
09/06/2016	Trigger level reached	SW91 Derrycolumb	1. Minor	Water	Other (add details)	Naturally Occuring	Normal activities	EPA Ref INOI010483	New	Inspected internal outfall on 15/06/2016	Monitor future results	Complete	15/06/2016	Medium
23/08/2016	Trigger level reached	SW62 Clooneeny	1. Minor	Water	Other (add details)	Naturally Occuring	Normal activities	EPA Ref INOI010863	New	Inspected internal outfall on 26/08/2016	Monitor future results	Complete	26/08/2016	Medium
12/09/2016	Trigger level reached	SW35 Derryarogue	1. Minor	Water	Other (add details)	Naturally Occuring	Normal activities	EPA Ref INOI010902	New	Inspected internal outfall on 16/09/2016	Monitor future results	Complete	16/09/2016	Medium
04/10/2016	Trigger level reached	SW62 Clooneeny	1. Minor	Water	Other (add details)	Naturally Occuring	Normal activities	EPA Ref INOI011020	New	Inspected internal outfall on 07/10/2016	Monitor future results	Complete	07/10/2016	Medium
01/11/2016	Trigger level reached	SW 62 Clooneeny	1. Minor	Water	Other (add details)	Naturally Occuring	Normal activities	EPA Ref INOI011578	New	Inspected internal outfall on 18/01/2017	Monitor future results	Complete	18/01/2017	Medium
06/12/2016	Trigger level reached	SW 62 Clooneeny	1. Minor	Water	Other (add details)	Naturally Occuring	Normal activities	EPA Ref INOI011585	New	Inspected internal outfall 01/02/2017	Monitor future results	Complete	01/02/2017	Medium
26/10/2016	Unsafe access to monitoring point	SWE 1 Mountdillon Workshop	1. Minor	Water	Operational controls	NA	Normal activities	EPA Ref SV08381	New	Install safe access steps	Maintain safe access steps	Complete	Jan-17	Low
Total number of incidents current year	8													
Total number of incidents previous year	9													
% reduction/increase 45%	-11.00%													

WASTE SUMMARY		Lic No:	P0504-01	Year	2016
SECTION A-PRTR ON SITE WASTE TREATMENT AND WASTE TRANSFERS TAB- TO BE COMPLETED BY ALL IPPC AND WASTE FACILITIES			PRTR facility logon	dropdown list click to see options	

SECTION B- WASTE ACCEPTED ONTO SITE-TO BE COMPLETED BY ALL IPPC AND WASTE FACILITIES

Were any wastes accepted onto your site for recovery or disposal or treatment prior to recovery or disposal within the boundaries of your facility ?; (waste generated within your boundaries is 1 to be captured through PRTR reporting)
If yes please enter details in table 1 below

2 Did your site have any rejected consignments of waste in the current reporting year? If yes please give a brief explanation in the additional information

3 Was waste accepted onto your site that was generated outside the Republic of Ireland? If yes please state the quantity in tonnes in additional information

Additional Information	
N/A	

SELECT	
SELECT	

Table 1 Details of waste accepted onto your site for recovery, disposal or treatment (do not include wastes generated at your site, as these will have been reported in your PRTR workbook)

Licensed annual tonnage limit for your site (total tonnes/annum)	EWC code	Source of waste accepted	Description of waste accepted Please enter an accurate and detailed description - which applies to relevant EWC code	Quantity of waste accepted in current reporting year (tonnes)	Quantity of waste accepted in previous reporting year (tonnes)	Reduction/ Increase over previous year +/- %	Reason for reduction/ increase from previous reporting year	Packaging Content (%)- only applies if the waste has a packaging component	Disposal/Recovery or treatment operation carried out at your site and the description of this operation	Quantity of waste remaining on site at the end of reporting year (tonnes)	Comments -
	European Waste Catalogue EWC codes		European Waste Catalogue EWC codes								

SECTION C-TO BE COMPLETED BY ALL WASTE FACILITIES (waste transfer stations, Composters, Material recovery facilities etc) EXCEPT LANDFILL SITES

4 Is all waste processing infrastructure as required by your licence and approved by the Agency in place? If no please list waste processing infrastructure required onsite

5 Is all waste storage infrastructure as required by your licence and approved by the Agency in place? If no please list waste storage infrastructure required on site

6 Does your facility have relevant nuisance controls in place?
7 Do you have an odour management system in place for your facility? If no why?
8 Do you maintain a sludge register on site?

SELECT	
SELECT	
SELECT	
SELECT	
SELECT	

SECTION D-TO BE COMPLETED BY LANDFILL SITES ONLY

Table 2 Waste type and tonnage-landfill only

Waste types permitted for disposal	Authorised/licenced annual intake for disposal (tpa)	Actual intake for disposal in reporting year (tpa)	Remaining licensed capacity at end of reporting year (m3)	Comments

WASTE SUMMARY				Lic No:	P0504-01	Year	2016
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Table 3 General information-Landfill only

Area ID	Date landfilling commenced	Date landfilling ceased	Currently landfilling	Private or Public Operated	Inert or non-hazardous	Predicted date to cease landfilling	Licence permits asbestos	Is there a separate cell for asbestos?	Accepted asbestos in reporting year	Total disposal area occupied by waste	Lined disposal area occupied by waste	Unlined area	Comments on liner type
										SELECT UNIT	SELECT UNIT	SELECT UNIT	
Cell 8													

Table 4 Environmental monitoring-landfill only

[Landfill Manual-Monitoring Standards](#)

Was meterological monitoring in compliance with Landfill Directive (LD) standard in reporting year +	Was leachate monitored in compliance with LD standard in reporting year	Was Landfill Gas monitored in compliance with LD standard in reporting year	Was SW monitored in compliance with LD standard in reporting year	Have GW trigger levels been established	Were emission limit values agreed with the Agency (ELVs)	Was topography of the site surveyed in reporting year	Has the statement under SS3(A)(5) of WMA been submitted in reporting year	Comments

+ please refer to Landfill Manual linked above for relevant Landfill Directive monitoring standards

Table 5 Capping-Landfill only

Area uncapped*	Area with temporary cap	Area with final cap to LD Standard m2 ha, a	Area capped other	Area with waste that should be permanently capped to date under licence	What materials are used in the cap	Comments
SELECT UNIT	SELECT UNIT					

*please note this includes daily cover area

Table 6 Leachate-Landfill only

9 Is leachate from your site treated in a Waste Water Treatment Plant?

SELECT
SELECT

10 Is leachate released to surface water? If yes please complete leachate mass load information below

Volume of leachate in reporting year(m3)	Leachate (BOD) mass load (kg/annum)	Leachate (COD) mass load (kg/annum)	Leachate (NH4) mass load (kg/annum)	Leachate (Chloride) mass load kg/annum	Leachate treatment on-site	Specify type of leachate treatment	Comments

Please ensure that all information reported in the landfill gas section is consistent with the Landfill Gas Survey submitted in conjunction with PRTR returns

Table 7 Landfill Gas-Landfill only

Gas Captured&Treated by LFG System m3	Power generated (MW / KWh)	Used on-site or to national grid	Was surface emissions monitoring performed during the reporting year?	Comments
			SELECT	

**Mount Dillon
Decommissioning and Rehabilitation
AER Overview 2016.**

Within the Mount Dillon licensed area (P0504-01) there were no entire bog units available for rehabilitation in 2016. Ongoing monitoring of cutaway areas was carried out within the Mount Dillon area with Derryadd and Moher Bog having been re-surveyed in 2016.

Draft rehabilitation plans for the Mount Dillon bogs licensed area, including more detailed draft plans for each component bog unit were submitted to the EPA in 2013 and these were reviewed and updated in 2015.

Active rehabilitation work was carried out in one area with further hydrological management work carried out in Corlea Bog as part of the long term rehabilitation of this site. An area of remnant high bog at Clooneeny that was previously drained, is currently being rehabilitated under the supervision of Bord na Móna ecology staff. The new Biodiversity Action Plan (2016-2021) was launched in 2016 with the annual Biodiversity Action Plan review day being held in February 2017, this included an update on progress of this plan, bog restoration and cutaway rehabilitation for a wide range on statutory and non-statutory consultees including members of the EPA, NPWS, BWI, Bord na Mona, Coillte, Inland Fisheries Ireland, An Taisce, IPCC, Irish Red Grouse Association, Irish Wildlife Trust, NARGC, local game councils, Midland Regional Planning Authority as well as a range of local community groups and Heritage Officers from counties Laois, Offaly, Kildare, Roscommon, Longford, Meath, Galway, Westmeath and Dublin.

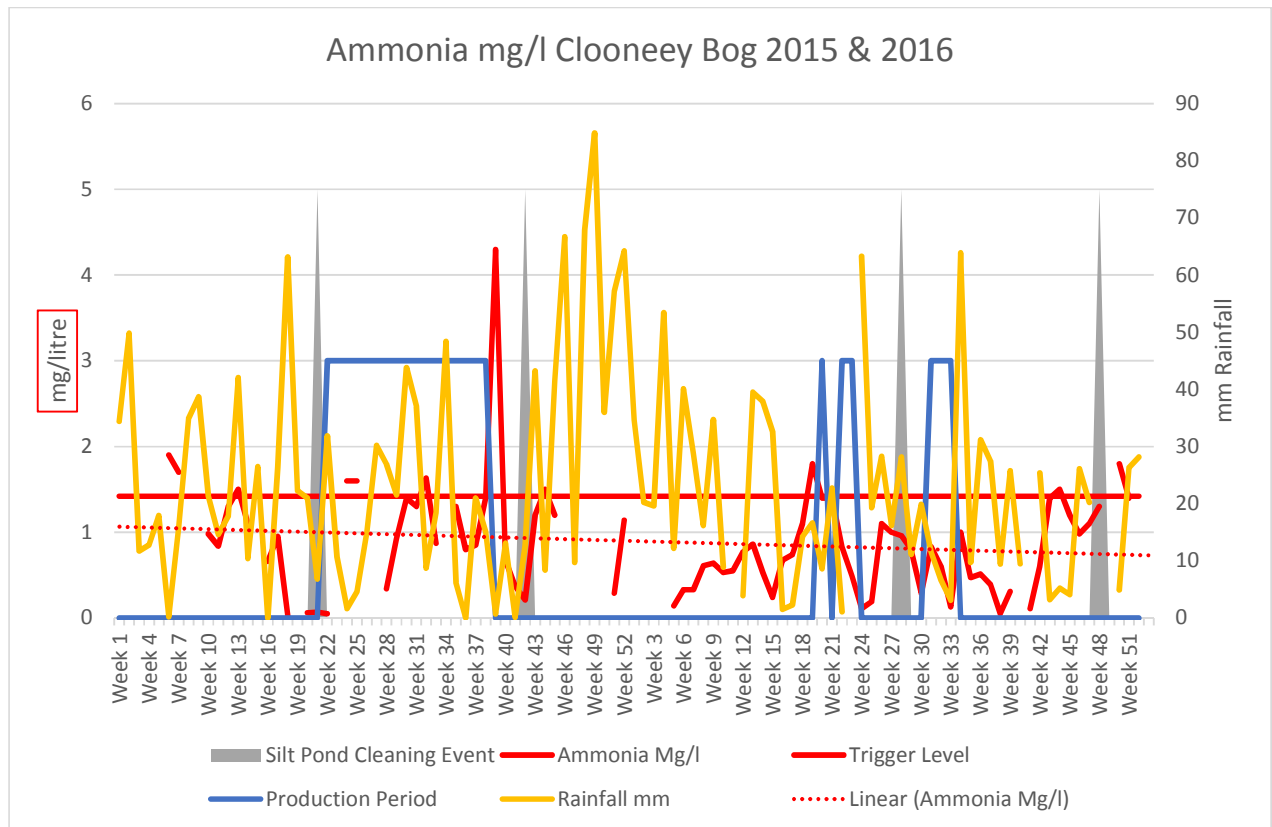
A copy of our Biodiversity Action Plan is available to view and download at <http://www.bordnamona.ie/our-company/biodiversity/>

As required by condition *10.2 Cutaway Bog Rehabilitation Plans*, draft peatland rehabilitation plans for all the individual bog units were submitted to the agency in 2013, reviewed and amended in 2015 and re-submitted to the agency in 2015. All draft rehabilitation plans are currently in the process of being reviewed (2017). These reviewed and amended plans will be re-submitted to the agency in due course.

Bord na Mona Mountdillon
IPPC Licence P0504-01

Siltpond Monitoring Frequency & Results

X	Y	Bog	SW	Monitoring	Sampled	pH	SS	TS	Ammonia	TP	COD	Colour
209144.76	273279.48	Clooneeny	SW-57	Q1 16	11/02/2016	7.7	10	298	0.28	0.17	53	128
209068.65	274509.95	Clooneeny	SW-58	Q1 16	11/02/2016	7.5	5	246	0.28	0.05	68	175
209739.62	271940.65	Clooneeny	SW-65	Q1 16	11/02/2016	7.2	5	186	0.23	0.05	68	252
209556.46	272203.00	Clooneeny	SW-66	Q1 16	15/03/2016	8	8	346	0.02	0.05	11	23
204806.31	268664.26	Derryadd	SW-68	Q1 16	14/03/2016	7.8	5	353	0.43	0.07	40	108
207219.29	268277.37	Derryadd	SW-70	Q1 16	15/03/2016	7.5	5	242	0.16	0.05	50	193
207139.24	268700.31	Derryadd	SW-71	Q2 16	09/06/2016	7.7	5	350	0.02	0.05	37	159
209436.50	266841.89	Loughbannow	SW-76	Q2 16	09/06/2016	7.8	5	372	0.34	0.05	31	123
209520.92	261717.87	Loughbannow	SW-77	Q2 16	09/06/2016	7.5	34	310	0.06	0.09	54	200
207855.20	263302.19	Loughbannow	SW-78	Q2 16	09/06/2016	7.8	5	418	0.02	0.05	37	127
203032.90	265358.57	Derryshannoge	SW-79	Q2 16	09/06/2016	7.9	10	282	0.28	0.05	58	199
207371.13	259735.70	Derrycolumb	SW-91	Q2 16	09/06/2016	7.3	19	302	0.85	0.33	112	267
208008.49	259636.58	Derrycolumb	SW-92	Q3 16	12/09/2016	7.2	12	176	0.16	0.12	89	225
210769.22	258184.69	Edera	SW-95	Q3 16	12/09/2016	7.1	5	154	0.09	0.05	97	315
211324.98	256892.74	Edera	SW-96	Q3 16	12/09/2016	7.5	5	216	0.03	0.09	63	121
211251.58	256376.68	Edera	SW-97	Q3 16	12/09/2016	7.6	5	250	0.14	0.07	64	122
196464.25	269128.74	Clonadra	SW-28A	Q3 16	12/09/2016	7.4	5	216	0.02	0.05	80	178
204286.21	272640.87	Derryaroge	SW-35	Q3 16	12/09/2016	6.7	6	150	0.07	0.46	115	301
203400.35	272510.11	Derryaroge	SW-36	Q4 16	12/12/2016	7.5	12	420	2.9	0.01	58	45
210209.83	274038.53	Clooneeny	SW-59	Q4 16	12/12/2016	8	5	358	0.23	0.01	56	43
210349.35	273925.60	Clooneeny	SW-60	Q4 16	12/12/2016	8.1	6	447	0.02	0.01	32	14
210544.96	273475.13	Clooneeny	SW-61	Q4 16	12/12/2016	7.6	5	384	0.26	0.01	71	169
210395.34	272549.20	Clooneeny	SW-62	Q4 16	12/12/2016	No Flow	No Flow	No Flow	No Flow	No Flow	No Flow	No Flow
210626.21	272173.61	Clooneeny	SW-63	Q4 16	12/12/2016	7.8	5	284	0.47	0.01	64	55



Clooneeny bog is an active production bog with the composite sampler located here during 2015 and 2016. The composite sampler takes a flow proportional composite sample over a 24 hour period. This location returned 46 weekly ammonia results during the period of this 2016 AER, which is a return of 88.56%, the balance of sampling events during periods of no discharge from the pumped discharge emission point. The ammonia trigger level of 1.42mg/l, as agreed with the Agency, was exceeded 3 times during the period. Overall the results are trending downwards as peat extraction continues and this is in-line with the downwards trends submitted to the EPA in 2013 as required by condition 6.14. It has been established that the most relevant influencing variable on Ammonia is rainfall and the trend analysis above indicates linkage between high rainfall events and higher ammonia concentrations.

Yard Discharge Results 2016						
Licence: P0504-01						
Works: Mt Dillon						
Month	W/Shop SWE 1 COD	W/Shop SWE 2 COD	Yard SWE 1 COD	Yard SWE 2 COD	C na Gun SWE1 COD	P Station SWE 1 COD
Jan	NF	NF	NF	NF	NF	NF
Feb	85	NF	NF	NF	NF	NF
Mar	82	66	69	NF	40	NF
Apr	36	44	NF	NF	34	NF
May	NF	NF	NF	NF	NF	NF
June	37	NF	NF	NF	NF	NF
July	42	33	NF	NF	33	NF
Aug	NF	NF	NF	NF	NF	NF
Sep	73	66	NF	NF	68	NF
Oct	92	88	NF	NF	79	NF
Nov	68	62	NF	NF	68	NF
Dec	69	69	NF	NF	NF	NF

Note: NF denotes no flow at emission point on day of sampling



| PRTR# : P0504 | Facility Name : Bord na Mona Lanesboro (Longford) | Filename : P0504_2016.xls | Return Year : 2016 |

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[Guidance to completing the PRTR workbook](#)

PRTR Returns Workbook

Version: 1.1.19

REFERENCE YEAR 2016

1. FACILITY IDENTIFICATION

Parent Company Name	Bord na Mona Energy Limited
Facility Name	Bord na Mona Lanesboro (Longford)
PRTR Identification Number	P0504
Licence Number	P0504-01

Classes of Activity

No.	class name
-	Refer to PRTR class activities below

Address 1	Mountdillon Group
Address 2	c/o Mountdillon Works
Address 3	Lanesboro
Address 4	
	Longford
Country	Ireland
Coordinates of Location	-7.92868 53.6697
River Basin District	IEGBNISH
NACE Code	0892
Main Economic Activity	Extraction of peat
AER Returns Contact Name	Enda Mc Donagh
AER Returns Contact Email Address	enda.mcdonagh@bnm.ie
AER Returns Contact Position	Head of Environment
AER Returns Contact Telephone Number	0579345911
AER Returns Contact Mobile Phone Number	0862370816
AER Returns Contact Fax Number	0579345160
Production Volume	483843.0
Production Volume Units	Tonnes
Number of Installations	19
Number of Operating Hours In Year	2232
Number of Employees	142
User Feedback/Comments	In accordance with licence condition 6.2 of Technical Amendment A, quarterly sampling is now rotated every quarter and therefore suspended solids results are not factored into loading. The increase in suspended solids can be attributed to the sampler not experiencing as much down time as in previous years.
Web Address	www.bnm.ie

2. PRTR CLASS ACTIVITIES

Activity Number	Activity Name
50.1	General

3. SOLVENTS REGULATIONS (S.I. No. 543 of 2002)

Is it applicable?	No
Have you been granted an exemption?	
If applicable which activity class applies (as per Schedule 2 of the regulations)?	
Is the reduction scheme compliance route being used?	

4. WASTE IMPORTED/ACCEPTED ONTO SITE

[Guidance on waste imported/accepted onto site](#)

Do you import/accept waste onto your site for on-site treatment (either recovery or disposal activities)?	
---	--

This question is only applicable if you are an IPPC or Quarry site

4.1 RELEASES TO AIR

[Link to previous years emissions data](#)

| PRTR# : P0504 | Facility Name : Bord na Mona Lanesboro (Longford) | Filename : P0504_2016.xls | Return Year : 2016 |

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SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS

RELEASES TO AIR					Please enter all quantities in this section in KGs				
POLLUTANT		METHOD			QUANTITY				
No. Annex II	Name	M/C/E	Method Used		Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year	
		Method Code	Designation or Description						
						0.0	0.0	0.0	0.0

* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

SECTION B : REMAINING PRTR POLLUTANTS

RELEASES TO AIR			Please enter all quantities in this section in KGs						
POLLUTANT		METHOD			QUANTITY				
No. Annex II	Name	M/C/E	Method Used		Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year	
		Method Code	Designation or Description						
						0.0	0.0	0.0	0.0

* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

SECTION C : REMAINING POLLUTANT EMISSIONS (As required in your Licence)

RELEASES TO AIR			Please enter all quantities in this section in KGs									
POLLUTANT			METHOD			QUANTITY						
Pollutant No.		Name	M/C/E	Method Used		DM01	DM02	DM05	DM06	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
				Method Code	Designation or Description							
210	Dust		E	OTH	VDI 2119 Blatt 2/Part 2	Emission Point 1	Emission Point 2	Emission Point 3	Emission Point 4	0.04018	0.0	0.04018
						0.0	0.0	0.0	0.0			

* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

Additional Data Requested from Landfill operators

For the purposes of the National Inventory on Greenhouse Gases, landfill operators are requested to provide summary data on landfill gas (Methane) flared or utilised on their facilities to accompany the figures for total methane generated. Operators should only report their Net methane (CH4) emission to the environment under T(total) KG/yr for Section A: Sector specific PRTR pollutants above. Please complete the table below:

Landfill:		Bord na Mona Lanesboro (Longford)	
Please enter summary data on the quantities of methane flared and / or utilised		Method Used	
T (Total) kg/Year		M/C/E	Designation or Description
Total estimated methane generation (as per site model)		0.0	N/A
Methane flared		0.0	0.0 (Total Flaring Capacity)
Methane utilised in engine/s		0.0	0.0 (Total Utilising Capacity)
Net methane emission (as reported in Section A above)		0.0	N/A

4.2 RELEASES TO WATERS

[Link to previous years emissions data](#)

| PRTR# : P0504 | Facility Name : Bord na Mona Lanesboro (Longford) | Filename : P0504_2016.xls | Return Year : 2016 |

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SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS Data on ambient monitoring of storm/surface water or groundwater, conducted as part of your licence requirements, should NOT be submitted under AER / PRTR Reporting as this only concerns Releases from your facility

RELEASES TO WATERS		Please enter all quantities in this section in KGs			
POLLUTANT		Method Used			QUANTITY
No. Annex II	Name	M/C/E	Method Code	Designation or Description	Emission Point 1
					T (Total) KG/Year
					A (Accidental) KG/Year
					F (Fugitive) KG/Year
					0.0

* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

SECTION B : REMAINING PRTR POLLUTANTS

RELEASES TO WATERS		Please enter all quantities in this section in KGs			
POLLUTANT		Method Used			QUANTITY
No. Annex II	Name	M/C/E	Method Code	Designation or Description	Emission Point 1
					T (Total) KG/Year
					A (Accidental) KG/Year
					F (Fugitive) KG/Year
					0.0

* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

SECTION C : REMAINING POLLUTANT EMISSIONS (as required in your Licence)

RELEASES TO WATERS		Please enter all quantities in this section in KGs			
POLLUTANT		Method Used			QUANTITY
Pollutant No.	Name	M/C/E	Method Code	Designation or Description	Emission Point 1
					T (Total) KG/Year
					A (Accidental) KG/Year
					F (Fugitive) KG/Year
240	Suspended Solids	E	OTH	ALPHA.1998.20th Edition, Method 2540D	9935.94
					9935.94
					0.0
					0.0

* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

SECTION A : PRTR POLLUTANTS

OFFSITE TRANSFER OF POLLUTANTS DESTINED FOR WASTE-WATER TREATMENT OR SEWER					Please enter all quantities in this section in KGs			
POLLUTANT		METHOD			QUANTITY			
No. Annex II	Name	M/C/E	Method Used		Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
			Method Code	Designation or Description				
					0.0	0.0	0.0	0.0

* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

SECTION B : REMAINING POLLUTANT EMISSIONS (as required in your Licence)

OFFSITE TRANSFER OF POLLUTANTS DESTINED FOR WASTE-WATER TREATMENT OR SEWER					Please enter all quantities in this section in KGs			
POLLUTANT		METHOD			QUANTITY			
Pollutant No.	Name	M/C/E	Method Used		Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
			Method Code	Designation or Description				
					0.0	0.0	0.0	0.0

* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

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* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

5. ONSITE TREATMENT & OFFSITE TRANSFERS OF WASTE

| PRTR# : P0504 | Facility Name : Bord na Mona Lanesboro (Longford) | Filename : P0504_2016.xls | Return Year : 2016 |

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Please enter all quantities on this sheet in Tonnes

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Transfer Destination	European Waste Code	Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	Method Used		Location of Treatment	Haz Waste : Name and Licence/Permit No of Next Destination Facility Non Haz Waste: Name and Licence/Permit No of Recover/Disposer	Haz Waste : Address of Next Destination Facility Non Haz Waste: Address of Recover/Disposer	Name and License / Permit No. and Address of Final Recoverer / Disposer (HAZARDOUS WASTE ONLY)	Actual Address of Final Destination i.e. Final Recovery / Disposal Site (HAZARDOUS WASTE ONLY)
						M/C/E	Method Used					
Within the Country	01 01 02	No	1491.44	wastes from mineral non-metalliferous excavation	D1	E	Volume Calculation	Onsite of generati	Bord na Mona Energy Ltd,P0504-01	Mountdillon,Lanesboro,Longford,,Ireland		
Within the Country	01 01 02	No	1283.0	wastes from mineral non-metalliferous excavation	D1	M	Weighed	Onsite of generati	Bord na Mona Energy Ltd,P0504-01	Mountdillon,Lanesboro,Longford,,Ireland		
Within the Country	02 01 04	No	540.0	waste plastics (except packaging)	R3	M	Weighed	Offsite in Ireland	Walker Recycling,NWCPO 14-11464-01	Clonkeen,Portlaoise,Co Laois,,Ireland		
To Other Countries	11 01 13	Yes	0.45	degreasing wastes containing dangerous substances	R2	C	Volume Calculation	Abroad	Safety Clean Ltd,99-1	Tallaght,Dublin,,Ireland	Solvent Recovery Management,PP33345F,We eland Rd,Knottingly,West Yorks,WF118DZ,United Kingdom	Weeland Rd,Knottingly,West Yorks,WF118DZ,United Kingdom
Within the Country	13 02 05	Yes	9.7	mineral-based non-chlorinated engine, gear and lubricating oils	R1	C	Volume Calculation	Offsite in Ireland	Enva Ireland Ltd,184-1	Clonminam Indust Estate,Portlaoise,Laois,,Ireland	Enva Ireland Ltd,184-1,Clonminam Indust Estate,Portlaoise,Laois,,Ireland	Clonminam Indust Estate,Portlaoise,Laois,,Ireland
Within the Country	15 01 01	No	3.82	paper and cardboard packaging	R3	M	Weighed	Offsite in Ireland	Mulleadys Ltd,S/E 152/2002	Drumlish,Longford,,Ireland		
Within the Country	15 01 03	No	13.72	wooden packaging	R1	M	Weighed	Offsite in Ireland	AES Ltd,053/OY/39/02	Cappincur,Tullamore,Offaly,,Ireland		
To Other Countries	15 02 02	Yes	0.9	absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by dangerous substances	R1	M	Weighed	Abroad	Enva Ireland Ltd,184-1 Clonminam Indust Estate Portlaoise Laois . Ireland	Clonminam Indust Estate,Portlaoise,Laois,,Ireland and Clonminam Indust Estate,Portlaoise,Laois,,Ireland	Lindenschmidt ,E97095037,Kreuztal,,Germany	Kreuztal,,Germany
To Other Countries	16 01 07	Yes	2.52	oil filters	R4	C	Volume Calculation	Abroad	Enva Ireland Ltd,184-1	Clonminam Indust Estate,Portlaoise,Laois,,Ireland	Recycling,51727/1/KD,Haut halen,,Belgium	Hauthalen,,Belgium
Within the Country	17 04 07	No	152.53	mixed metals	R4	M	Weighed	Offsite in Ireland	AES Ltd,053/OY/39/02	Cappincur,Tullamore,Offaly,,Ireland		
Within the Country	20 03 01	No	13.1	mixed municipal waste	D1	M	Weighed	Offsite in Ireland	AES Ltd,053/OY/39/02	Cappincur,Tullamore,Offaly,,Ireland		
Within the Country	20 03 01	No	0.82	mixed municipal waste	D1	C	Volume Calculation	Offsite in Ireland	AES Ltd,053/OY/39/02	Cappincur,Tullamore,Offaly,,Ireland		
Within the Country	20 03 04	No	19.5	septic tank sludge	R10	C	Volume Calculation	Offsite in Ireland	Tank Pipe & Drain,NWCPO-09-10630-02	Clonterm,Longford,,Ireland		
Within the Country	02 01 04	No	13.2	waste plastics (except packaging)	R3	M	Weighed	Offsite in Ireland	AES Ltd,053/OY/39/02	Cappincur,Tullamore,Offaly,,Ireland		

* Select a row by double-clicking the Description of Waste then click the delete button

[Link to previous years waste data](#)[Link to previous years waste summary data & percentage change](#)[Link to Waste Guidance](#)