

Facility Information Summary

AER Reporting Year	2017
Licence Register Number	P0501-01
Name of site	Bord na Mona Derrygreenagh
Site Location	Derrygreenagh, Rochfortbridge, Co Westmeath
NACE Code	0892
Class/Classes of Activity	1.4
National Grid Reference (6E, 6 N)	249450, 238140

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 299,912 tonnes which was up on the 2016 figure. Infrastructurally, there was no bog development. Quarterly grab sampling was 100% compliant, with the continuous composite sampling returning no non-compliances for suspended solids. There was one environmental complaint received during the reporting period, this was dust related and was resolved to the satisfaction of the complainant. A shelter belt 200m long was planted to alleviate the problem. In relation to silt pond cleaning, almost 90% of ponds received two cleanings, inspections dictating cleaning schedules. Bord na Mona liaised with Meath and Offaly Co. Councils to reduce littering in litter hotspots across the licence. Decommissioning and Rehabilitation works are described in an attachment. The composite sampler experienced some technical difficulties which impacted on the collection of flow data. A decision was therefore made to send the sampler away to the manufacturer for overhaul.

Declaration:

All the data and information presented in this report has been checked and certified as being accurate. The quality of the information is assured to meet licence requirements.

<u>E. Mulholland</u>	
Signature	Date
Group/Facility manager (or nominated, suitably qualified and experienced deputy)	8 - 3 - 18

AIR-summary template			
	Lic No:	P0501-01	Year 2017

Answer all questions and complete all tables where relevant

Additional information	
1	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 licensed emissions and do not complete a solvent management plan (table A4 and A5) you do not need to complete the tables
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	Yes	Reported to the Agency ref INCI012674.
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 therof	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
DM-01	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

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	

AER Monitoring returns summary template-WATER/WASTEWATER(SEWER)				Lic No:	P0501-01	Year	2017
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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 The continuous monitoring sampler was relocated during the reporting period. The sampler also experienced technical difficulties at both sites which inhibited the collection of flow data and subsequent annual loading calculations. It was therefore decided to present the sampling results in graphical form as an attachment.
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 any evidence of contamination noted during visual inspections</u>	Yes Monthly COD of yard run-off is attached.

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 there any result in breach of licence requirements? If yes please provide brief details in the comment section of Table W3 below	No
4	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 Surface water monitoring was carried out on a quarterly basis. The results of which are attached.

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:

P0501-01

Year

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Continuous monitoring

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

Yes	Additional Information Flow proportionate composite sampling
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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	Total of 70 days over 365 days
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7 Do you have a proactive service contract for each piece of continuous monitoring equipment on site?

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

No	
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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
										0	

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:	P0501-01	Year	2017
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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"
- 3 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	All bunds requiring an integrity test in 2017 were tested and passed.
Other (2 Yearly)	
Yes	
2	
1	1 decommissioned, 1 tested in 2017
9	
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)
Derrygreenagh Bund NO-501-37-01	reinforced concrete		Gas Oil	110,592	45000	Hydraulic test		22/05/2017	Yes	Pass	N/A	N/A	N/A	N/A
						Hydraulic test								

* 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 line with BS8007/EPA Guidance?

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

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

[bundling and storage guidelines](#)

SELECT	
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 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)

No underground tanks or pipelines on site
Yes
SELECT

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:	P0501-01	Year	2017
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		Comments	
1	Are you required to carry out groundwater monitoring as part of your licence requirements?	no	
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	yes	Drinking water well
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	no	
5	Is the contamination related to operations at the facility (either current and/or historic)	no	
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	

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

Please enter interpretation of data here

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

Groundwater/Soil monitoring template	Lic No: P0501-01	Year 2017
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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:

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Year

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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	Internal budget provision
9	Closure plan review status	NA	Internal budget provision
10	Financial Provision for Closure status	NA	Internal budget provision
11	Financial Provision for Closure - amount of cover	NA	Internal budget provision
12	Financial Provision for Closure - type	NA	Internal budget provision
13	Financial provision for Closure expiry date	NA	

Environmental Management Programme/Continuous Improvement Programme template			Lic No:	P0501-01	Year	2017
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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	Continue to train all employees in environmental matters. Training will be by means of a new four module training programme delivered by dedicated Bord na Mona training specialists. This new training programme includes environmental compliance-IPPC, Biodiversity, Archaeology and Energy management. Hydraulic harrows will be deployed at dust sensitive locations. Continue with the collection of headland peat.	90	In total 73 personnel received training during 2017. Hydraulic harrows were deployed at 4 locations. Headland peat was collected at all locations and returned with production figures.	Individual	Reduced emissions
Waste reduction/Raw material usage efficiency	Waste streamlining is a project we are particularly interested in continuing and hope to reduce wastes further in the future and be more efficient in dealing with all aspects of waste management	80	Monthly waste reports are returned for records/filing and waste streams are segregated on site to maximise recycling potential.	Section Head	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 119.14 tonnes of polyethylene were sent off site for recycling. Procurement also exploring the possibility of securing further recyclers.	Individual	Improved Environmental Management Practices
Energy Management	As part of an Energy Awareness campaign all aspects of energy consumption will be communicated to personnel with the intention of reducing consumption through awareness	100	The monthly consumption of energy was regularly communicated to the relevant personnel. This included the KPI's for peat production, maintenance and transportation as well as bog pumping and workshop electrical consumption.	Section Head	Reduce overall energy output while maintaining productivity.
Reduction of emissions to Water	Continue to train all employees in environmental matters. Training will be by means of a new four module training programme delivered by dedicated Bord na Mona training specialists. This new training programme includes environmental compliance-IPPC, Biodiversity, Archaeology and Energy management. Continue with the collection of headland peat.	90	In total 73 Personnel received training in 2017. Personnel are trained every two years in Environmental matters. Headland peat was collected at all locations and included as part of overall peat returns.	Individual	Improved Environmental Management Practices

Noise monitoring summary report	Lic No: P0501-01	Year 2017
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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:	P0501-01	Year	2017
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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	Oct-17
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 SEAI - Large Industry Energy Network (LIEN)	The site attained 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	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)	5907	6913	NA	NA
Total Energy Generated (MWHrs)				
Total Renewable Energy Generated (MWHrs)				
Electricity Consumption (MWHrs)	300.277	318.403	NA	NA
Fossil Fuels Consumption:				
Heavy Fuel Oil (m3)				
Light Fuel Oil (m3)	551.885	649.037		
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 use	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
Groundwater						Unaccounted for Water:
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

Table R3 Waste Stream Summary					
	Total	Landfill	Incineration	Recycled	Other
Hazardous (Tonnes)	17.82	0	1.62	16.2	0
Non-Hazardous (Tonnes)	560.32	20.06		370.56	169.7

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
			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	2017
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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		Yes One complaint was received in Ballybeg Bog Area relating to dust, this was reported to the Agency. RefLR029212

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
11/05/2017	Dust		Complaint received at Ballybeg Bog relating to dust nuisance.	Peat production was suspended and personnel reminded of their environmental responsibilities. 200m shelter belt sown.	Complete	11/05/2017	Reported to the Agency ref: LR029212 on 08/06/2017
	SELECT				SELECT		
	SELECT				SELECT		
	SELECT				SELECT		
	SELECT				SELECT		
Total complaints open at start of reporting year		0					
Total new complaints received during reporting year		1					
Total complaints closed during reporting year		1					
Balance of complaints end of reporting year		0					

*For information on how to report and what constitutes an incident [What is an incident](#)

[illegible]

WASTE SUMMARY	Lic No:	P0501-01	Year	2017
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Table 4 Environmental monitoring-landfill only [Landfill Manual-Monitoring Standards](#)

Was meteorological 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 S53(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

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

SELECT

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	

**Derrygreenagh
Decommissioning and Rehabilitation
AER Overview 2017.**

Within the Derrygreenagh licensed area (P0501-01) there were no entire bog units available for rehabilitation in 2017. Ongoing monitoring of cutaway within the Derrygreenagh licensing area included the re-survey of Drumman bog.

Active rehabilitation work was carried out in Cavemount bog in 2017 with some hydrological management. An overflow pipe was constructed in 2017 to manage the maximum winter water levels. Some ground works were also carried out with a bulldozer to help stabilise a small section of the headland and to block field drains. This is a phased rehabilitation programme and will be completed over several years. Cavemount is developing as a cutaway wetland and is attracting nationally important wintering and breeding bird species. This cutaway wetland will continue to be managed to enhance its biodiversity value.

Bog restoration and drain-blocking is being carried out at a remnant section of high bog at Daingean Rathdrum. This work is due to be finished in 2018.

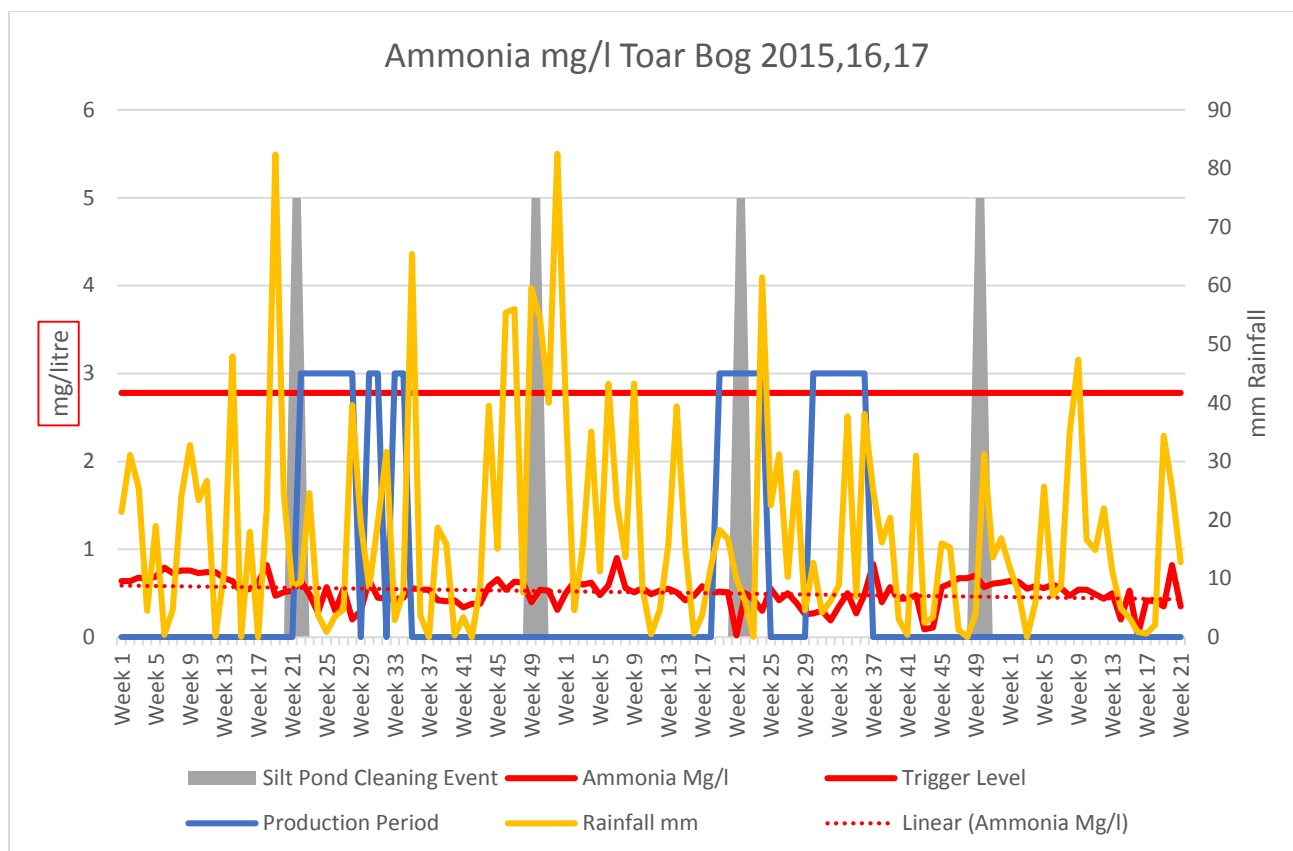
Draft rehabilitation plans for the Derrygreenagh bogs licensed area, including more detailed draft plans for each component bog unit were submitted to the EPA in 2013 and these were reviewed and updated in 2015, and 2017.

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 the 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.

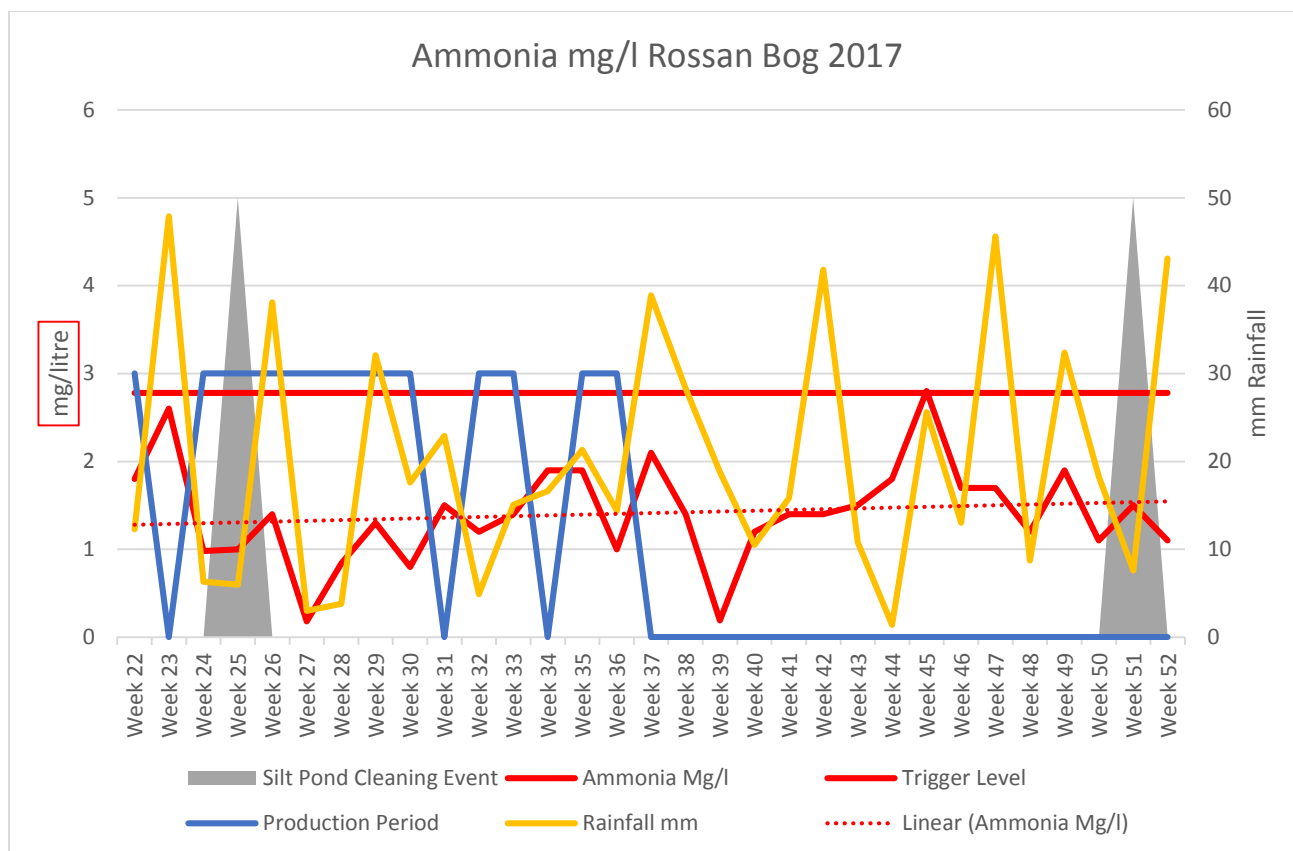
A copy of our Biodiversity Action Plan is available to view and download at <http://www.bordnamona.ie/our-company/biodiversity/>

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 have been reviewed in 2017. These reviewed and amended plans will be re-submitted to the agency in due course.

IPC License P0501-01 Quarterly Grab Sampling Results 2017												
X	Y	Bog	SW	Monitoring	Sampled	pH	SS	TS	Ammonia	TP	COD	Colour
265888.99	253456.63	Ballivor	SW-39	Q1 17	13/03/2017	7.6	5	206	0.29	0.05	64	142
266366.86	251598.58	Ballivor	SW-40	Q1 17	13/03/2017	7.4	5	320	0.64	0.05	98	287
266386.45	251579.18	Ballivor	SW-41	Q1 17	13/03/2017	7.2	6	176	0.67	0.05	71	220
To Be Confirmed	To Be Confirmed	Rossan	SW-42	Q1 17	13/03/2017	7.3	5	146	1.7	0.05	71	255
259965.18	243847.63	Rossan	SW-43	Q1 17	13/03/2017	7.3	5	205	1.3	0.05	71	242
To Be Confirmed	To Be Confirmed	Rossan	SW-44	Q2 17	08/05/2017	7.6	5	289	0.88	0.05	72	148
258846.25	243853.76	Rossan	SW-45	Q2 17	08/05/2017	7.3	5	254	1.4	0.05	65	178
260629.22	242141.39	Rossan	SW-46	Q2 17	08/05/2017	7.3	5	278	1.4	0.05	74	231
260145.55	242266.71	Rossan	SW-47	Q2 17	08/05/2017	7.7	11	320	1.3	0.08	72	122
To Be Confirmed	To Be Confirmed	Rossan	SW-48	Q2 17	08/05/2017	7.6	5	260	1.1	0.05	52	96
255381.16	243606.05	Derryhinch	SW-1	Q3 17	01/09/2017	7.6	5	226	0.71	0.08	39	86
254528.83	242354.28	Derryhinch	SW-2	Q3 17	01/09/2017	7.3	5	278	3	0.05	30	75
253369.19	242417.94	Derryhinch	SW-3	Q3 17	01/09/2017	7.5	5	284	3	0.05	28	61
252602.78	242540.17	Derryhinch	SW-4	Q3 17	01/09/2017	7.7	5	314	0.14	0.05	33	108
252623.61	241470.16	Carrick	SW-4A	Q3 17	01/09/2017	7.9	9	316	1	0.05	39	118
252468.68	240919.32	Carrick	SW-5	Q3 17	01/09/2017	7.7	6	370	1.4	0.05	44	119
252409.71	241163.33	Carrick	SW-6	Q3 17	01/09/2017	7.8	5	442	0.1	0.05	24	51
252473.21	241162.01	Carrick	SW-7	Q3 17	01/09/2017	7.8	6	430	0.09	0.05	24	49
252275.61	239871.62	Drumman	SW-8	Q3 17	01/09/2017	7.9	7	366	0.19	0.05	38	93
252950.37	238421.69	Drumman	SW-9	Q3 17	01/09/2017	7.6	6	274	0.02	0.05	42	122
251559.92	235341.71	Ballybeg	SW-11	Q4 17	17/11/2017	7.2	5	500	0.1	0.05	48	90
252206.09	235207.02	Ballybeg	SW-12	Q4 17	17/11/2017	7.2	5	324	0.05	0.05	100	278
251880.6	234593.13	Ballybeg	SW-13	Q4 17	17/11/2017	7.3	5	516	1.1	0.06	45	60
252250.49	235061.45	Ballybeg	SW-13A	Q4 17	17/11/2017	7.3	6	514	0.9	0.05	45	69
240485.16	235706.33	Torr	SW-14	Q4 17	16/11/2017	7	6	256	1.5	0.05	66	219
244391.76	235128.93	Torr	SW-15	Q4 17	16/11/2017	7.2	5	438	0.52	0.05	34	71
244435.64	235093.42	Torr	SW-16	Q4 17	16/11/2017	7.2	7	466	0.43	0.05	44	65
240425.65	234997.32	Torr	SW-17	Q4 17	23/11/2017	7.2	6	406	0.22	0.05	75	186
259415.3	256855.75	Bracklin	SW-29	Q4 17	23/11/2017	7.1	5	240	0.4	0.05	97	319
259519.45	257618.44	Bracklin	SW-30	Q4 17	23/11/2017	6.2	7	106	0.5	0.05	55	252

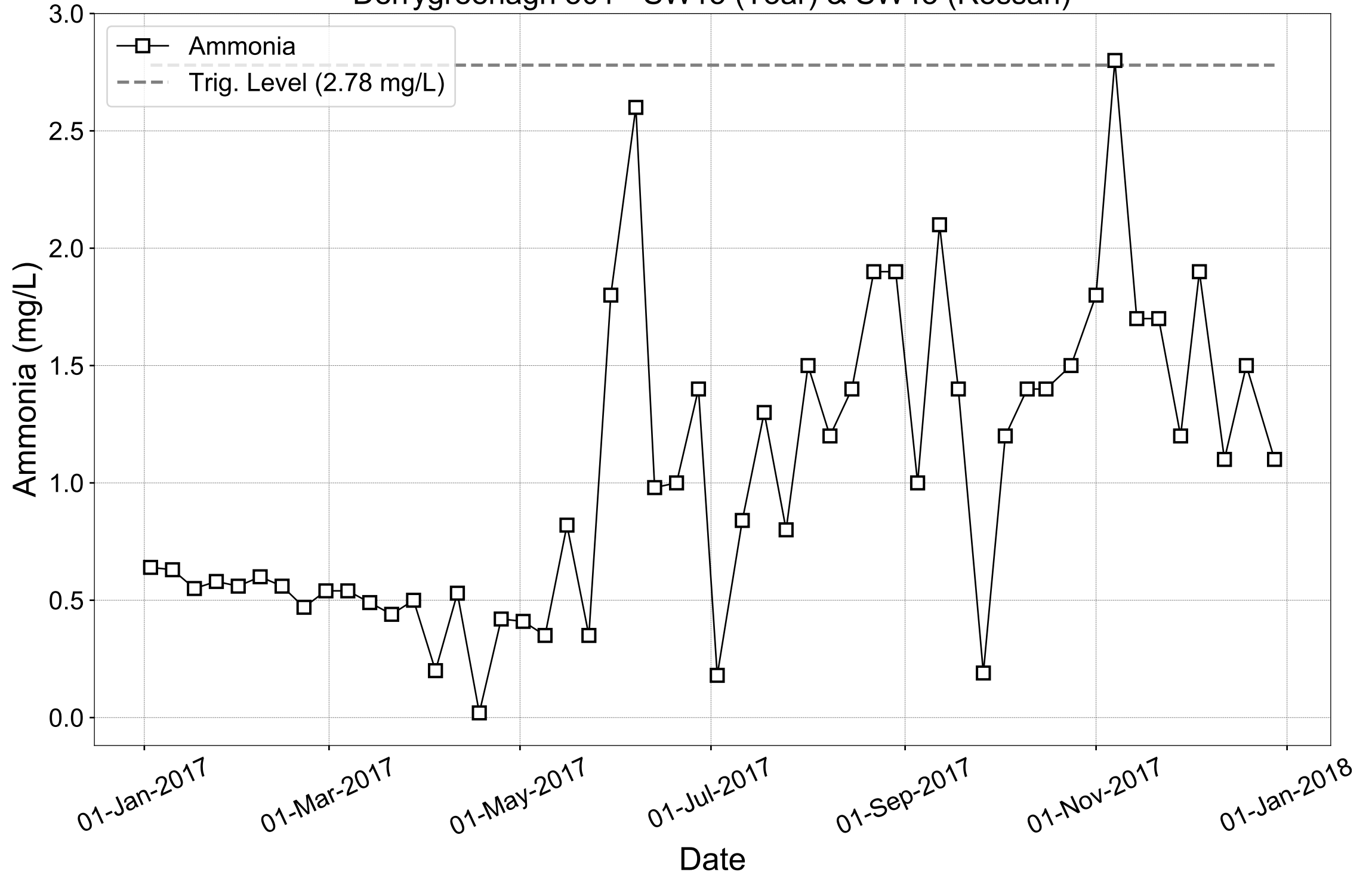


Toar bog is an active production bog with the composite sampler located here during 2015, 2016 and until May 2017 where it was moved to Rossan Bog within the Derrygreenagh IPC Licence. The composite sampler takes a flow proportional composite sample over a 24 hour period. The sampler had 0% downtime during this reporting period and returned 21 weekly ammonia results during the period of its location at Toar bog. The ammonia trigger level of 2.78mg/l, as agreed with the Agency, was not exceeded during the period. Combining the 2015,16 and May 2017 results above shows concentrations trending downwards over this 2.5 year period 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. There is no obvious link between the summer production, winter maintenance, or silt pond maintenance events on the concentration of Ammonia discharging from this peatland. The only link expected would be that related to rainfall events and seasonal weather patterns and the subsequent surfacewater runoff and associated ammonia concentrations.

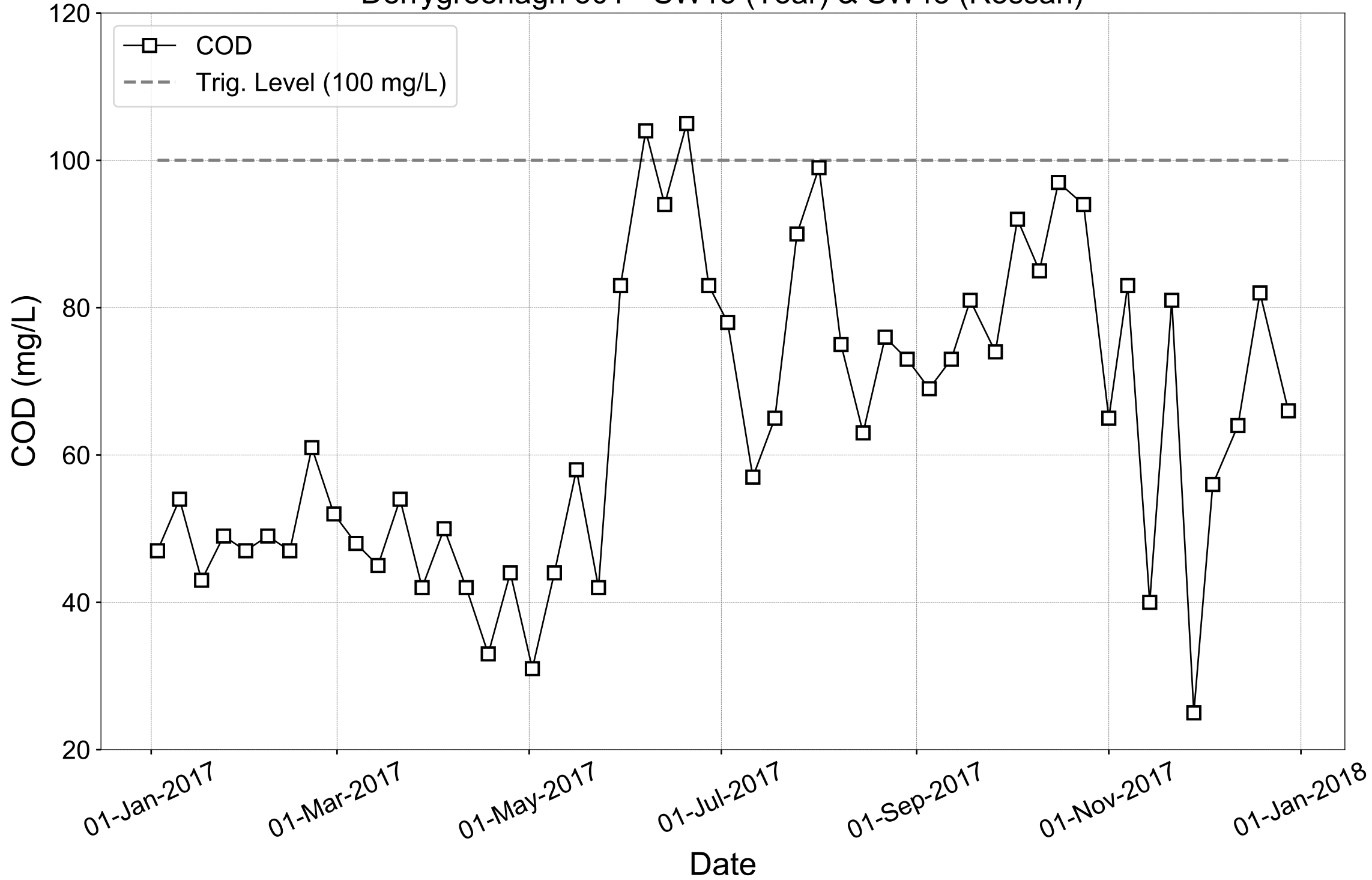


Rossan bog is an active horticultural production bog with the composite sampler located here from May 2017 where it was moved from Toar Bog within the Derrygreenagh IPC Licence. The composite sampler takes a flow proportional composite sample over a 24 hour period. The sampler had 0% downtime during this reporting period and returned 31 weekly ammonia results during the period. The ammonia trigger level of 2.78mg/l, as agreed with the Agency, was marginally exceeded once during the period. The sampling period of 31 weeks showed a slight increasing trend in ammonia, but as per previous sampler relocations, it will need up to two years at this locations and associated weekly ammonia spanning two seasonal production periods to establish the trend. There is no obvious link between the summer production, winter maintenance, or silt pond maintenance events on the concentration of Ammonia discharging from this peatland. The only link expected would be that related to rainfall events and seasonal weather patterns and the subsequent surfacewater runoff and associated ammonia concentrations.

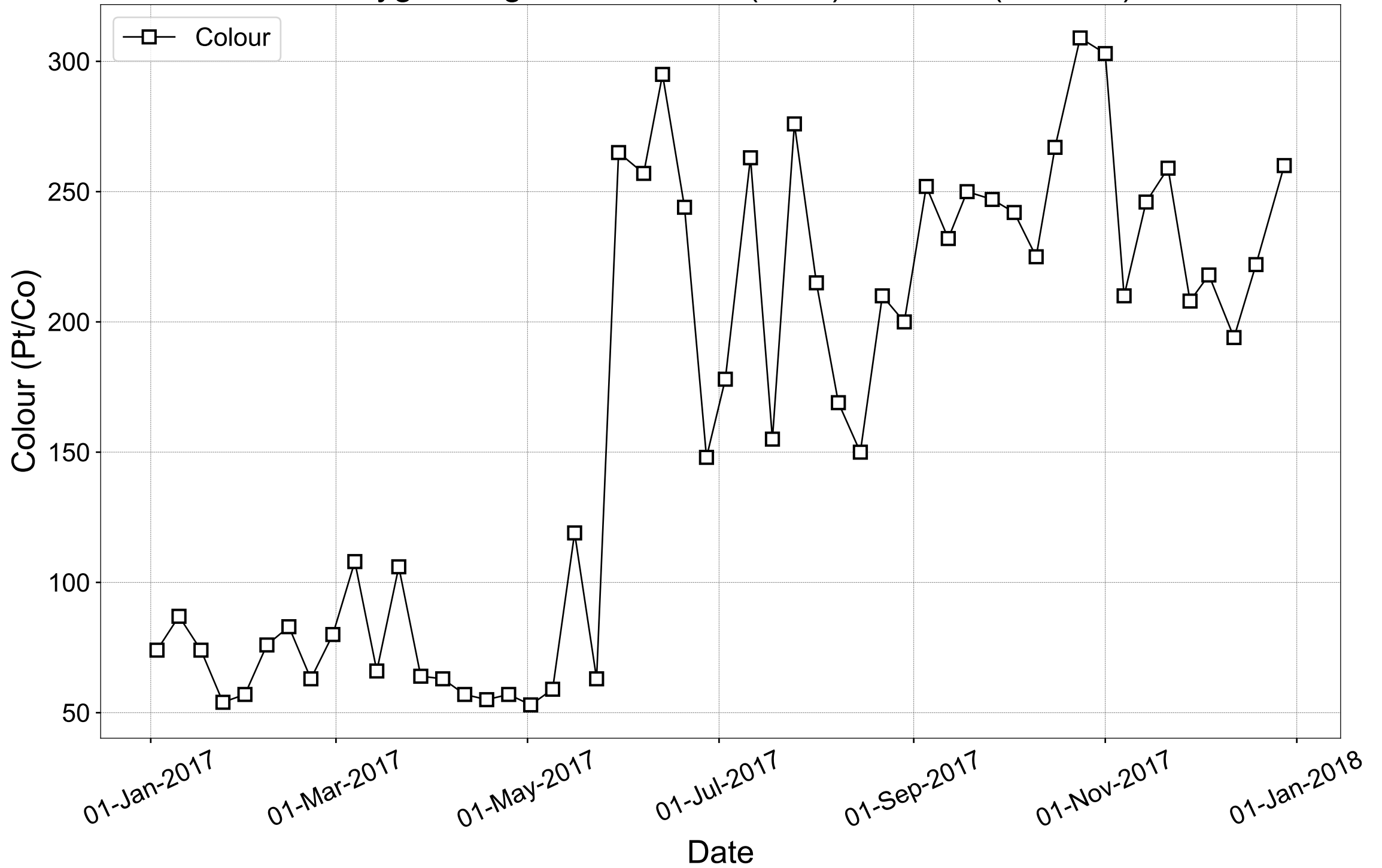
Derrygreenagh 501 - SW15 (Toar) & SW43 (Rossan)



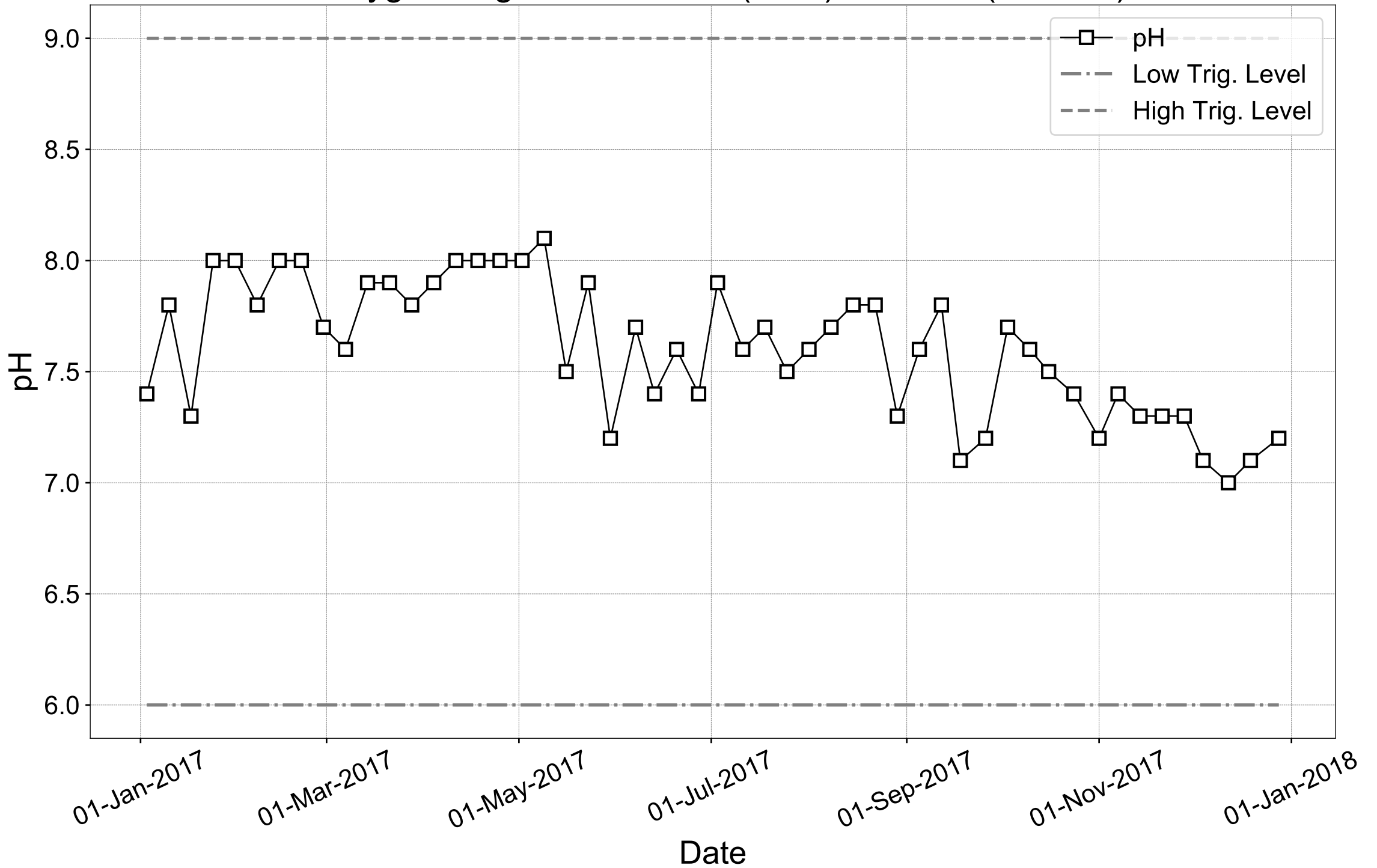
Derrygreenagh 501 - SW15 (Toar) & SW43 (Rossan)



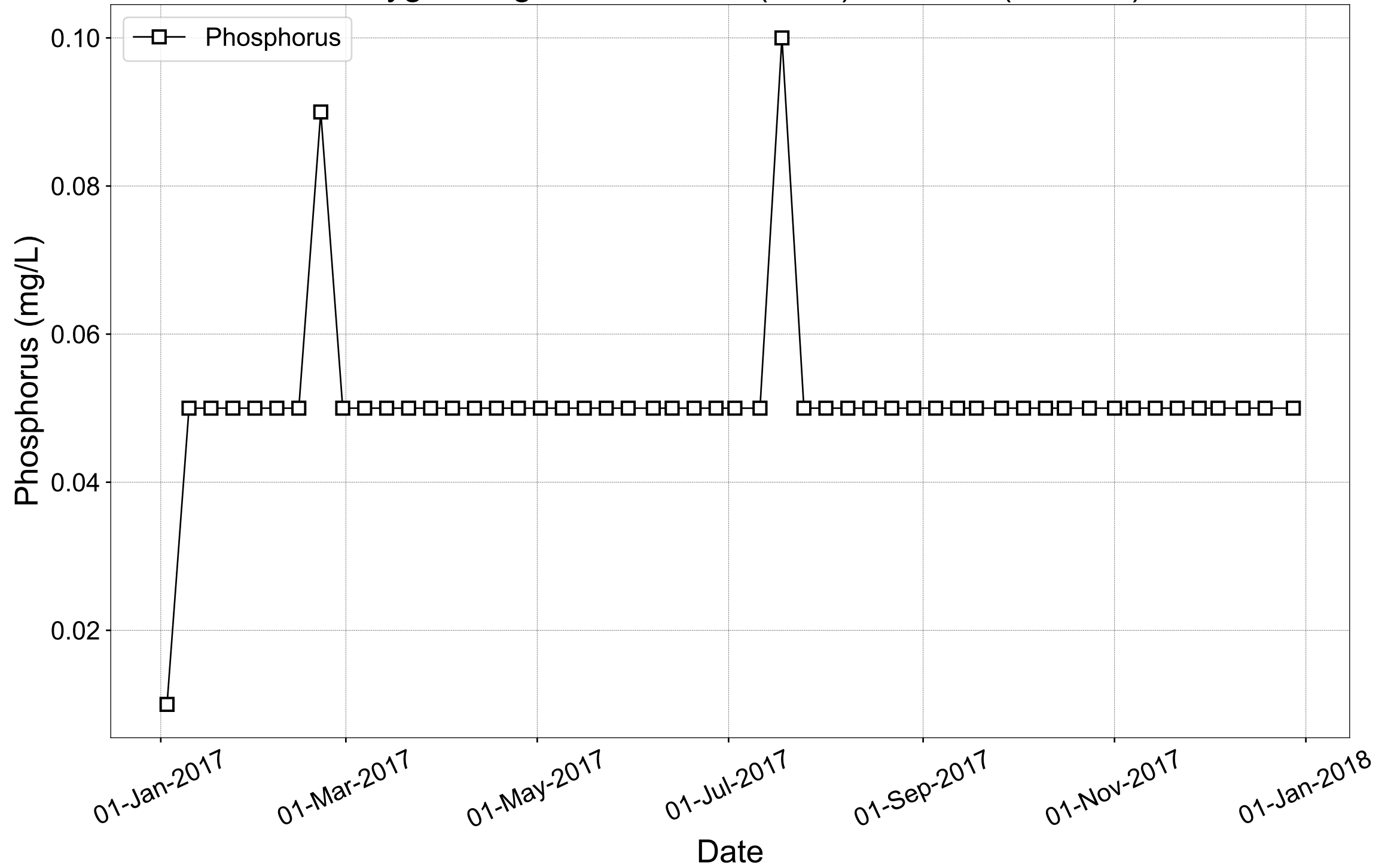
Derrygreenagh 501 - SW15 (Toar) & SW43 (Rossan)



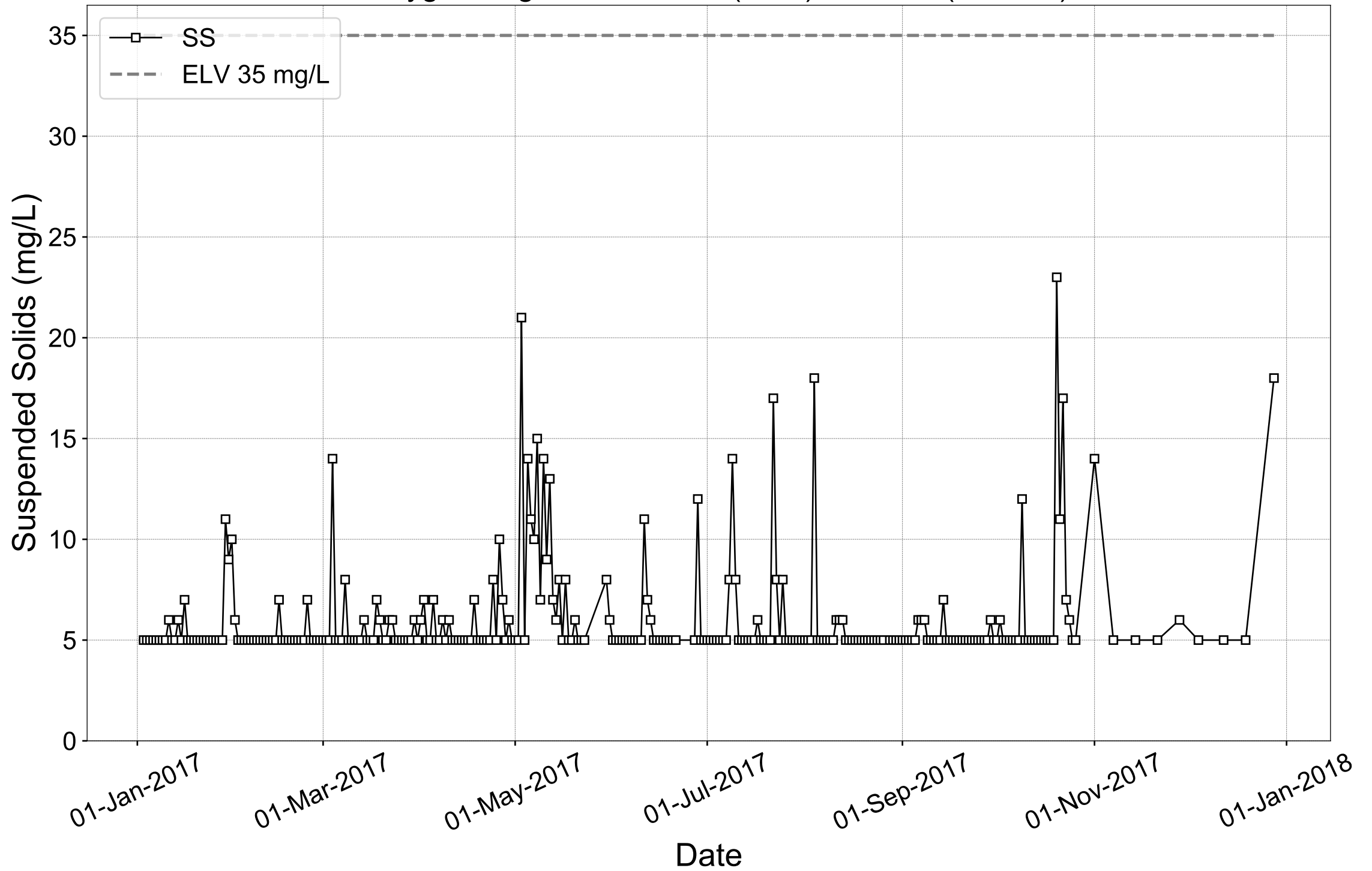
Derrygreenagh 501 - SW15 (Toar) & SW43 (Rossan)



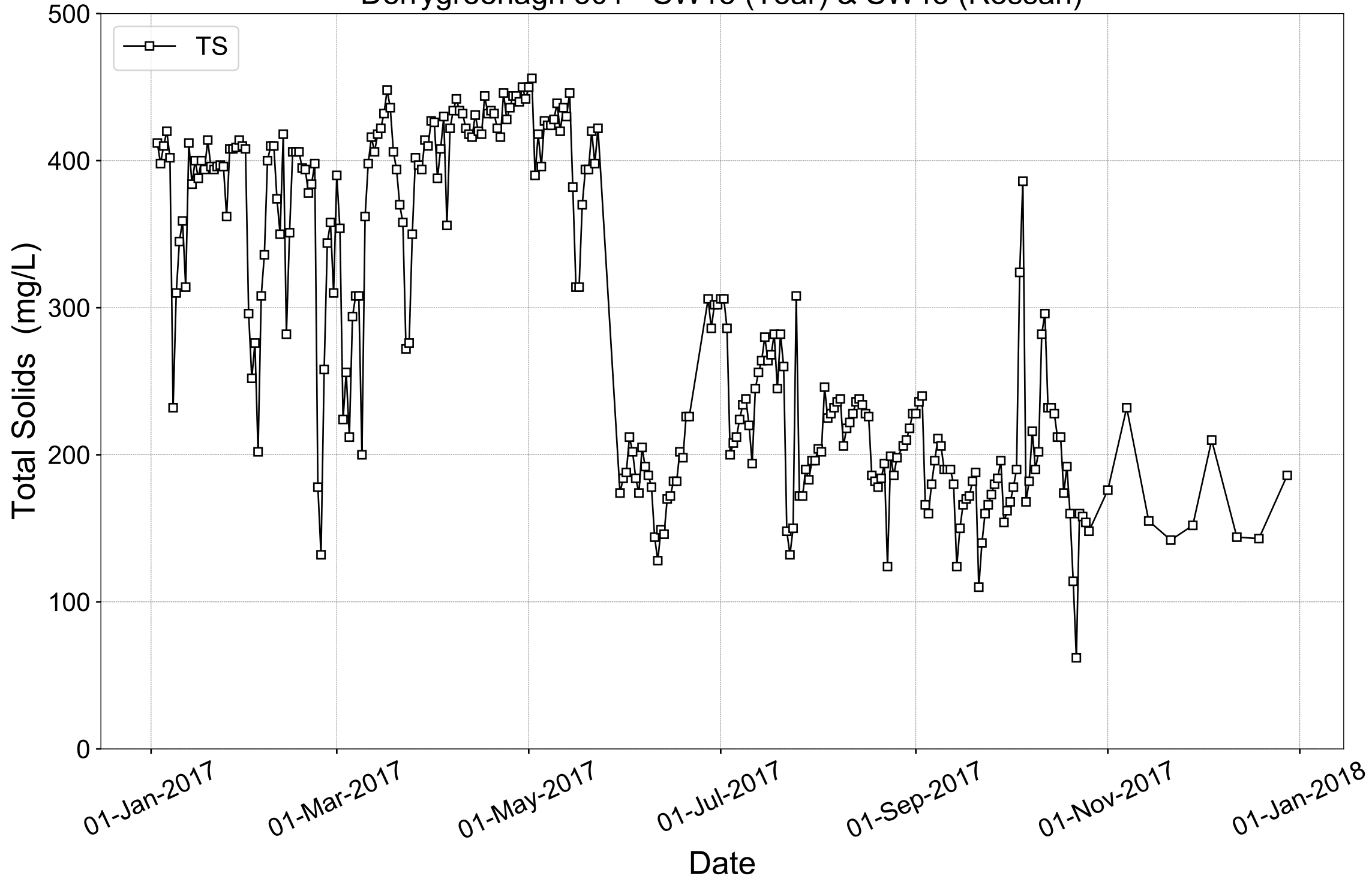
Derrygreenagh 501 - SW15 (Toar) & SW43 (Rossan)



Derrygreenagh 501 - SW15 (Toar) & SW43 (Rossan)



Derrygreenagh 501 - SW15 (Toar) & SW43 (Rossan)



Yard Discharge Results 2017		
Licence: P0501-01		
Works: Derrygreenagh		
Month	D/Greenagh SWE 2 COD	Rossan SWE 1 COD
Jan	30	64
Feb	52	70
Mar	41	34
Apr	40	11
May	36	31
June	33	83
July	23	20
Aug	14	87
Sep	34	41
Oct	39	91
Nov	46	69
Dec	30	70



[PRTR# : P0501 | Facility Name : Bord na Móna Energy Limited (Derrygreenagh) | Filename : P0501_2017.xls | Return Year : 2017]

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[Guidance to completing the PRTR workbook](#)

PRTR Returns Workbook

Version 1.1.19

REFERENCE YEAR	2017
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1. FACILITY IDENTIFICATION

Parent Company Name	Bord na Mona Energy Limited
Facility Name	Bord na Móna Energy Limited (Derrygreenagh)
PRTR Identification Number	P0501
Licence Number	P0501-01

Classes of Activity

No.	class_name
-	Refer to PRTR class activities below

Address 1	Derrygreenagh Group
Address 2	c/o Derrygreenagh Works
Address 3	Rochfortbridge
Address 4	Mullingar
	Westmeath
Country	Ireland
Coordinates of Location	-7.25676 53.3910
River Basin District	IEEA
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	299912.0
Production Volume Units	Tonnes
Number of Installations	6
Number of Operating Hours in Year	2216
Number of Employees	60
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. Due to technical difficulties experienced with the composite sampler annual loading was not possible to calculate. All composite sampler results are attached for review in the AER document.
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)?	No
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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# : P0501 | Facility Name : Bord na Móna Energy Limited (Derrygreenagh) | Filename : P0501_2017.xls | Return Year : 2017 |

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SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS

RELEASES TO AIR		METHOD		Please enter all quantities in this section in KGs			
POLLUTANT		Method Used		QUANTITY			
No. Annex II	Name	M/C/E	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
				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		METHOD		Please enter all quantities in this section in KGs			
POLLUTANT		Method Used		QUANTITY			
No. Annex II	Name	M/C/E	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
				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		METHOD		Please enter all quantities in this section in KGs							
POLLUTANT		Method Used		DM01	DM02	DM03	DM04	QUANTITY			
Pollutant No.	Name	M/C/E	Designation or Description	Emission Point 1	Emission Point 2	Emission Point 3	Emission Point 4	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year	
210	Dust	E	VDI 2119 Blatt 2/Part 2	0.0	0.0	0.0	0.0	0.076468	0.0	0.076468	

* 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: Please enter summary data on the quantities of methane flared and / or utilised					Bord na Móna Energy Limited (Derrygreenagh)				
T (Total) kg/Year		M/C/E	Method Code	Designation or Description	Facility Total Capacity m3 per hour				
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# : P0501 | Facility Name : Bord na Móna Energy Limited (Derrygreenagh) | Filename : P0501_2017.xls | Return Year : 2017 |

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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

POLLUTANT		RELEASERS TO WATERS			Please enter all quantities in this section in KGs			
POLLUTANT					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	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

POLLUTANT		RELEASERS TO WATERS			Please enter all quantities in this section in KGs			
POLLUTANT					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	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)

POLLUTANT		RELEASERS TO WATERS			Please enter all quantities in this section in KGs				
POLLUTANT					QUANTITY				
Pollutant No.	Name	M/C/E	Method Used		SW15	SW43	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
			Method Code	Designation or Description	Emission Point 1	Emission Point 2			
240	Suspended Solids	E	OTH	G/19 Based on ALPHA.1998.20th Edition, Method 2540D	0.0	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

4.3 RELEASES TO WASTEWATER OR SEWER

[Link to previous years emissions data](#)

| PRTR# : P0501 | Facility Name : Bord na Móna Energy Limited (Derrygreenagh) | Filename : P050:

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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# : P0501 | Facility Name : Bord na Móna Energy Limited (Derrygreenagh) | Filename : P0501_2017.xls | Return Year : 2017 |

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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 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	169.7	wastes from mineral non-metalliferous excavation	D1	E	Volume Calculation	Onsite of generati	Bord na Mona Energy Ltd,P0501-01 Walker Recycling,NWCPO-14-11464-01	Derrygreenagh,Rochfortbridge,Mullingar,Co Westmeath,Ireland Clonkeen,Portlaoise,Co Laois,,Ireland Clonminam Ind Estate,Portlaoise,Co Laois,,Ireland	Recyfuel Ltd,BE0459.735.458,Enghis, ,,,,Belgium Solvent Recovery Management,PP33345F,Wh eeland Rd,Knottingly,West Yorks,WF11 8DZ,United Kingdom Enva Ltd,184-1,Clonminam Industrial Estate,Portlaoise,Laois,,Irel and Enva Ltd,184-1,Clonminam Industrial Estate,Portlaoise,Laois,,Irel and	Enghis, ,,,,Belgium
Within the Country	02 01 04	No	119.14	waste plastics (except packaging)	R5	M	Weighed	Offsite in Ireland				
To Other Countries	08 01 11	Yes	0.25	waste paint and varnish containing organic solvents or other dangerous substances	R2	M	Weighed	Abroad	Enva Ireland Ltd,184-1			
To Other Countries	11 01 13	Yes	0.39	degreasing wastes containing dangerous substances	R11	C	Volume Calculation	Abroad	Safety Kleen Ltd,99-1	Tallaght, ,,,,Ireland		
Within the Country	13 02 05	Yes	10.45	mineral-based non-chlorinated engine, gear and lubricating oils	R1	C	Volume Calculation	Offsite in Ireland	Enva Ireland Ltd,184-1	Clonminam Ind Estate,Portlaoise,Co Laois,,Ireland		
Within the Country	13 05 03	Yes	2.62	interceptor sludges	R1	C	Volume Calculation	Offsite in Ireland	Enva Ireland Ltd,184-1	Clonminam Ind Estate,Portlaoise,Co Laois,,Ireland		
Within the Country	15 01 03	No	14.26	wooden packaging absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by dangerous substances	R1	M	Weighed	Offsite in Ireland	AES Ltd,WP-OY-08-061-01	Offaly,,Iceland		
To Other Countries	15 02 02	Yes	1.62		R1	C	Volume Calculation	Abroad	Enva Ireland Ltd,184-1	Clonminam Ind Estate,Portlaoise,Co Laois,,Ireland Clonminam Ind Estate,Portlaoise,Co Laois,,Ireland	Lindenschmidt,Reg no E97095037,IINDENSCHMID T,Kreuztal, ,,,,Germany R.D. Recycling,Reg no 51727/1/KD,Houthalen, ,,,,Belgium Campine Recycling,MLAV/05-173/GVDA,Beerse, ,,,,Belgium	IINDENSCHMIDT,Kreuztal, ,,,,Germany
To Other Countries	16 01 07	Yes	1.6	oil filters	R4	C	Volume Calculation	Abroad	Enva Ireland Ltd,184-1			
To Other Countries	16 06 01	Yes	0.82	lead batteries	R4	M	Weighed	Abroad	Enva Ireland Ltd,184-1	Clonminam Ind Estate,Portlaoise,Co Laois,,Ireland Cappincur,Tullamore,Co Offaly,,Iceland		
Within the Country	17 04 07	No	54.8	mixed metals	R4	M	Weighed	Offsite in Ireland	AES Ltd,WP-OY-08-061-01	Offaly,,Iceland		
Within the Country	20 03 01	No	12.1	mixed municipal waste	D5	M	Weighed	Offsite in Ireland	AES Ltd,WP-OY-08-061-01	Cappincur,Tullamore,Co Offaly,,Iceland		
Within the Country	20 03 01	No	7.96	mixed municipal waste	D5	M	Volume Calculation	Offsite in Ireland	AES Ltd,WP-OY-08-061-01	Offaly,,Iceland		
Within the Country	17 09 04	No	180.0	mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03	R5	E	Volume Calculation	Offsite in Ireland	Anthony Cocoman,NWCPO-10-10642-02	Cloncant,Clonbullogue,Tulla more,Co Offaly,Ireland Cappincur Ind Estate,Daingean Rd,Tullamore ,Co Offaly,Ireland		
Within the Country	20 01 21	Yes	0.08	fluorescent tubes and other mercury-containing waste	R4	M	Weighed	Offsite in Ireland	KMK Metal Recycling Ltd,NWCPO-08-10607-02	Estate,Daingean Rd,Tullamore ,Co Offaly,Ireland Cappincur Ind Estate,Daingean Rd,Tullamore ,Co Offaly,Ireland	DELA GmbH,E11315322,Alte,Land str 4,Essen, ,,,,Germany	Alte,Landstr 4,Essen, ,,,,Germany
Within the Country	16 02 14	No	2.36	discarded equipment other than those mentioned in 16 02 09 to 16 02 13	R4	M	Weighed	Offsite in Ireland	KMK Metal Recycling Ltd,NWCPO-08-10607-02			

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

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 Haz Waste: Name and Licence/Permit No of Recover/Disposer	Non 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						

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