 GRANVILLE ECOPARK LIMITED	GRANVILLE ECOPARK LTD	Document: E13
		Version: 4
	Schedule 6 Notification	Author: ██████████
		Reviewed By: ██████████
		Date: 03/01/2022

Schedule 6 - Notification

This page outlines the information that the Operator must provide.


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

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

Part A

Permit Number	P0413/12A
Name of Operator	Granville Eco Park
Location of Installation	Granville Industrial Estate, Dungannon, Co Tyrone, BT70 1NJ.
Time and date of the detection	5 th August 2024

(a) Notification requirements for any malfunction, breakdown or failure of equipment or techniques, accident, or fugitive emission which has caused, is causing or may cause significant pollution	
To be notified within 24 hours of detection	
Date and Time of the event	5 th August 2024 (Notified by NIEA 05.08.2024)
Reference or description of the location of the event	Granville Eco Park Site
Description of where any release into the environment took place	AD Tank 1, no release to the local environment. Spillage materials were contained on onsite bund.
Substances(s) potentially released	Digestate (liquid)
Best estimate of the quantity or rate of release of substances	Approx 4000L
Measures taken, or intended to be taken, to stop any emission	Spill stopped immediately, Spilled material contained via site internal bund, Clean up operation started immediately, Feed rate to AD1 was stopped, Regulator notified immediately, Maintenance and inspection of sensors planned.
Description of the failure or accident.	On the morning of Monday 5 th August 2024, AD1 Tank experienced an abnormal spillage of digestate. The spilled material was contained within site internal bund, the feed to the process was initially stopped then reintroduced upon tank control, feed was then controlled to manage biology. Spilled material was reused within the AD process and site was cleaned immediately.

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		Reviewed By: [REDACTED]
		Date: 03/01/2022

(b) Notification requirements for the breach of a limit	
To be notified within 24 hours of detection unless otherwise specified below	
Emission point reference/ source	AD1
Parameter(s)	
Limit	
Measured value and uncertainty	
Date and time of monitoring	
Measures taken, or intended to be taken, to stop the emission	

Time periods for notification following detection of a breach of a limit	
Parameter	Notification period

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

Part B to be supplied as soon as practicable

Any more accurate information on the matters for notification under Part A.	<p>Follow up meeting held with NIEA on 14th August 2024. In this meeting Site Manager [REDACTED] detailed spillage event was in AD1 which has two level sensors with an initial high warning sensor with a 2nd higher sensor level as back up.</p> <p>[REDACTED] informed a sensor malfunction resulted in a high level digestate going undetected.</p> <p>Staff on site detected the spill and the feed to the tank was stopped. The spill was contained and immediately cleaned up.</p>
Measures taken, or intended to be taken, to prevent a recurrence of the incident	<p>Mitigation measures planned:</p> <p style="padding-left: 40px;">Replace sensor and update maintenance schedule including supporting documents</p>
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission	<ul style="list-style-type: none"> - Issue lessons learned toolbox talk to the wider team <p>All spilled material was contained within the site. No material escaped from the site.</p> <p>GECO have not received any odour complaints since the occurrence and are happy that limited odours were produced from the event. GECO will complete mitigation measures as highlighted above.</p>
The dates of any unauthorised emissions from the installation in the preceding 24 months.	

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		Date: 03/01/2022

Name*	[REDACTED]
Post	[REDACTED]
Signature	
Date	[REDACTED]

* authorised to sign on behalf of GECO Ltd

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		Version: 4
Schedule 6 Notification		Author: [REDACTED]
		Reviewed By: [REDACTED]
		Date: 03/01/2022

Schedule 6 - Notification


This page outlines the information that the Operator must provide.

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

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

Part A

Permit Number	P0413/12A
Name of Operator	Granville Eco Park
Location of Installation	Granville Industrial Estate, Dungannon, Co Tyrone, BT70 1NJ.
Time and date of the detection	10 th November 2024
(a) Notification requirements for any malfunction, breakdown or failure of equipment or techniques, accident, or fugitive emission which has caused, is causing or may cause significant pollution	
To be notified within 24 hours of detection	
Date and Time of the event	10 th November 2024
Reference or description of the location of the event	Granville Eco Park
Description of where any release into the environment took place	AD Tank 2, no release to the local environment. Spillage materials were contained on onsite bund.
Substances(s) potentially released	Digestate (liquid)
Best estimate of the quantity or rate of release of substances	
Measures taken, or intended to be taken, to stop any emission	Spilled material contained via site internal bund, Clean-up operation started immediately,
Description of the failure or accident.	At approximately 6:30am Sunday 10th November the AD feed line got blocked which cut off the feed cycles. It took approximately 3 hours to get the lines cleared and feed cycles restored. After an hour of no feed cycles the AD 2 foam levels had breached the top PRV and spilled into the biogas lines and after a further hour the PRV released a small amount of foam. Once the feed cycles were restored the foaming subsided and returned to a normal level and clean up operations took over.

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Schedule 6 Notification	Author: [REDACTED]
	Reviewed By: [REDACTED]
	Date: 03/01/2022

(b) Notification requirements for the breach of a limit	
To be notified within 24 hours of detection unless otherwise specified below	
Emission point reference/ source	
Parameter(s)	
Limit	
Measured value and uncertainty	
Date and time of monitoring	
Measures taken, or intended to be taken, to stop the emission	

Time periods for notification following detection of a breach of a limit	
Parameter	Notification period

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

Part B to be supplied as soon as practicable

Any more accurate information on the matters for notification under Part A.	As previously reported in part A
Measures taken, or intended to be taken, to prevent a recurrence of the incident	Site staff have deviated from internal instructions regarding mitigation actions to be taken upon the identification of a foaming event. Had they acted as instructed this incident would have been prevented. This will be dealt with disciplinary procedures.
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission	Going forward the team will continue to be monitored against their adherence to instructions provided by the team.
The dates of any unauthorised emissions from the installation in the preceding 24 months.	

Name*	[REDACTED]
Post	Environmental & sustainability manager
Signature	[REDACTED]
Date	20/11/2024

* authorised to sign on behalf of GECO Ltd

 GRANVILLE ECOPARK LIMITED	GRANVILLE ECOPARK LTD	Document: E13
		Version: 4
Schedule 6 Notification		Author: [REDACTED]
		Reviewed By: [REDACTED]
		Date: 03/01/2022

Schedule 6 - Notification

This page outlines the information that the Operator must provide.

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

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

Part A

Permit Number	P0413/12A
Name of Operator	Granville Eco Park
Location of Installation	Granville Industrial Estate, Dungannon, Co Tyrone, BT70 1NJ.
Time and date of the detection	23 rd August 2024

(a) Notification requirements for any malfunction, breakdown or failure of equipment or techniques, accident, or fugitive emission which has caused, is causing or may cause significant pollution	
To be notified within 24 hours of detection	
Date and Time of the event	23 rd August 2024
Reference or description of the location of the event	Odour complaint point 4 (rear of site boundary).
Description of where any release into the environment took place	NIEA officers [REDACTED] and [REDACTED] carried out a random odour assessment of Granville Industrial Estate on the 23 rd of August 2024 and found that "an unacceptable level of odour was noted outside your site boundary".
Substances(s) potentially released	Unknown
Best estimate of the quantity or rate of release of substances	Unknown
Measures taken, or intended to be taken, to stop any emission	On going action associated with enforcement notice a review of the OCU is being carried out.
Description of the failure or accident.	Unacceptable odour detected by NIEA officers [REDACTED] and [REDACTED]

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	Schedule 6 Notification	Version: 4
		Author: [REDACTED]
		Reviewed By: [REDACTED]
		Date: 03/01/2022

(b) Notification requirements for the breach of a limit	
To be notified within 24 hours of detection unless otherwise specified below	
Emission point reference/ source	Point 4, 6, 11 (NIEA odour assessment map)
Parameter(s)	Odour
Limit	-
Measured value and uncertainty	Unknown
Date and time of monitoring	23 rd August 2024
Measures taken, or intended to be taken, to stop the emission	As above

Time periods for notification following detection of a breach of a limit	
Parameter	Notification period

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

Part B to be supplied as soon as practicable

Any more accurate information on the matters for notification under Part A.	N/A
Measures taken, or intended to be taken, to prevent a recurrence of the incident	On going action associated with enforcement notice a review of the OCU is being carried out.
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission	On going action associated with the enforcement notice - a site wide odour modelling & impact assessment - is being carried out
The dates of any unauthorised emissions from the installation in the preceding 24 months.	

Name*	[REDACTED]
Post	Site Manager
Signature	
Date	05/09/2024

* authorised to sign on behalf of GECCO Ltd

Annual Environmental Monitoring Report

For non-landfill installations permitted under the Pollution Prevention and Control
(Northern Ireland) Regulations 2003

Granville Ecopark Ltd.

Annual report – 2025

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1. Introduction

1.1 Background

The installation name is Granville Anaerobic Digestion Plant and it is owned and operated by Granville Ecopark Ltd (GECO).

This report was prepared by [REDACTED] Environmental & sustainability manager at BioCapital.

This anaerobic digestion facility is located in the Granville Industrial Estate and can process up to 90,000 tpa of organic material.

The plant has been in operation since 01/04/2014 under the Permit Number P0413/12A variation number **P0412/12A/V3**. The plant is under normal operation with commissioning of the biomethane plant completed.

1.2 Scope and Objective

This report includes a summary GECO activities for 2025 including:

- Current Site Operations
- Summary of waste types and quantities
- Emission Monitoring Results
- Compliance with permit conditions

1.3 Terms of Reference

This report contains the details of Permit Number P0413/12A, including information reported in Q1/Q2/Q3/Q4.

1.4 Limitations of the Review

None

2. Site Characteristics

2.1 Site Location

The Anaerobic Digestion (AD) Facility is located at Granville Industrial Estate, Dungannon, County Tyrone, BT70 1NJ. The Irish Grid Reference is H 76980 60990 situated 43 miles south west of Belfast at the western end of the M1 Motorway and approximately 2 miles south west of Dungannon.

2.2 Installation details

Installation details are as per the Site Management Plan.

2.3 Hydrogeology

Hydrogeology as per GECO permit application. Site bund complete hence no impact on hydrogeology.

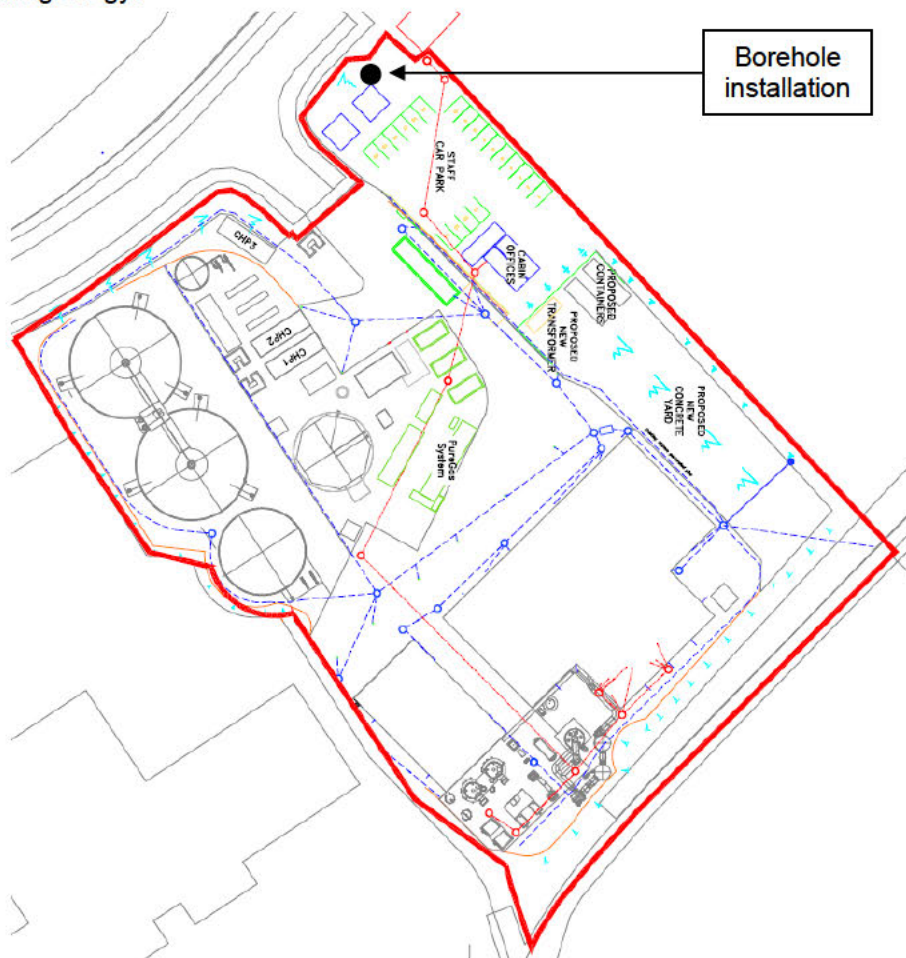


Figure 1 - Borehole location

2.4 Hydrology

One discharge point SW1 to ditch on northeast boundary as shown in the Site Management Plan.

Discharge consent as per permit P0413/12A.

2.5 Environmentally Sensitive Areas

Not monitored.

2.6 Current Site Operations

GECO have been accepting waste since 1st April 2014. Waste accepted to the site in the first quarter 2024 is tabulated in section 3.3. Commissioning of the CHP engines 1 and 2 was completed on 28/06/2014, engine 3 on 01/04/2016 and engine 4 on 01/03/2017.

Discharge to sewer commenced on 10th July 2014.

Details of waste removed from the site for the year can be found on section 3.3.1 Annual Production / Treatment Returns

3. EMISSIONS

Permit conditions have been monitored including storm water discharge, odour treatment plant monitoring and waste returns.

3.1 Emissions – Permit Conditions

Figure 2, 3 and 4 show the emission limits for SW1 storm water discharge, sewage discharge and the odour treatment plant monitoring respectively outlined in the permit in Schedule 4.

Table 2.3.1 Point source emissions to air – emission limits and monitoring requirements						
Emission point ref. & location	Source	Parameter	Limit (including unit)	Reference period	Monitoring frequency	Monitoring standard or method
Existing medium combustion plant which are engines fuelled on biogas (1 MW to 5 MW)						
A1 – A4 [Points A1 – A4 on site plan in Schedule 6]	CHP engine 1 – 4 stacks [note 1]	Oxides of Nitrogen (NO and NO ₂ expressed as NO ₂)	500 mg/m ³ [note 2]	Average over sample period	Annual	BS EN 14792
		Oxides of Nitrogen (NO and NO ₂ expressed as NO ₂)	190 mg/m ³ [note 3]			
		Sulphur dioxide	350 mg/m ³ [note 2]			BS EN 14791 or CEN TS 17021 or by calculation based on fuel sulphur
		Sulphur dioxide	60 mg/m ³ [note 3]			

Figure 2 – limits and monitoring requirements for the point of source emissions to air

Table 2.3.1 Point source emissions to air – emission limits and monitoring requirements						
Emission point ref. & location	Source	Parameter	Limit (including unit)	Reference period	Monitoring frequency	Monitoring standard or method
						[note 4]
		Carbon monoxide	1400 mg/m ³			BS EN 15058
		Total VOCs	1000 mg/m ³			BS EN 12619
Emergency flare, Odour control stack and Gas upgrading plant						
A5 [Point A5 on site plan in Schedule 6]	Emergency flare stack [note 5]	Oxides of Nitrogen (NO and NO ₂ expressed as NO ₂)	150 mg/m ³	Average over sample period	[note 6]	BS EN 14792
		Carbon monoxide	50 mg/m ³			BS EN 15058
		Sulphur Dioxide	35 mg/m ³			BS EN 14791 or CEN TS 17021 or by calculation based on fuel sulphur [note 4]
		Total VOCs	10 mg/m ³			BS EN 12619
A6 [Point A6 on site plan in Schedule 6]	Odour control stack	Hydrogen sulphide	5 mg/m ³	Average over sample period	Quarterly	CEN TS 13649 for sampling NIOSH 6013 for analysis
		Mercaptans	5 mg/m ³	Average over sample period	Once every 6 months	CEN TS 13649 for sampling NIOSH 2542 for analysis
		Odour concentration	700 OuE/m ³	Average over sample period	Once every 6 months	BS EN 13725

Figure 3: limits and monitoring requirements for the point of source emissions to air

Table 2.3.1 Point source emissions to air – emission limits and monitoring requirements						
Emission point ref. & location	Source	Parameter	Limit (including unit)	Reference period	Monitoring frequency	Monitoring standard or method
A7 [Point A7 on site plan in Schedule 6]	Biogas upgrade plant stack	VOCs including methane and CO ₂ , H ₂ S and amine traces	No limit set	Leak detection and repair (LDAR) programme	In accordance with written management system, to be agreed with the Chief Inspector	BS EN15446
<p>Note 1 – These emission limits are based on normal operating conditions and load - temperature 0°C (273 K); pressure 101.3 kPa and oxygen 15% (for gas engines) and oxygen 3% (for medium combustion plants other than engines and gas turbines burning biogas).</p> <p>Note 2 – This emission limit applies until 31 December 2029, unless the gas engine is replaced.</p> <p>Note 3 – This emission limit applies from 1 January 2030, unless otherwise advised by the NIEA.</p> <p>Note 4 - Some NDIR analysers may suffer from interference from methane. If the methane interference effect is more than 4%, you must use another technique.</p> <p>Note 5 – These emission limits are based on normal operating conditions and load - temperature 0°C (273K); pressure 101.3 kPa and oxygen 3%.</p> <p>Note 6 – Following commissioning, monitoring to be undertaken in the event the emergency flare has been operational for more than 10 per cent of a year (876 hours). Record of operating hours to be submitted annually to the NIEA.</p>						

Figure 4: limits and monitoring requirements for the point of source emissions to air



Figure 5 - Map of monitoring locations

Table 2.3.2 Point source emissions to water (other than sewer) and land – emission limits and monitoring requirements

Emission point ref. & location	Source	Parameter	Limit (incl. unit)	Reference Period	Monitoring frequency	Monitoring standard or method
SW1 on site plan in Schedule 6 emission to surface water	Site surface water	pH	6 - 9	Spot sample or flow-proportional composite sample	Monthly	BS ISO 10523
		Visible Oils and Grease	Nil	Spot sample or flow-proportional composite sample	Fortnightly	Visual assessment – no visible oil or grease
		Total suspended solids	50 mg/l	Spot sample or flow-proportional composite sample	Monthly	BS EN 872
		Chemical oxygen demand (COD) [Note 1]	180 mg/l	Spot sample or flow-proportional composite sample	Monthly	BS EN ISO 15705
		Biological oxygen demand (BOD)	10 mg/l	Spot sample or flow-proportional composite sample	Monthly	BS EN ISO 5815-1
		Ammoniacal nitrogen	5 mg/l	Spot sample or flow-proportional composite sample	Monthly	BS EN ISO 11905-1 or BS EN 12260
		Total phosphorus	2 mg/l	Spot sample or flow-proportional composite sample	Monthly	EN ISO 5681-1 and -2 or EN ISO 6878 or EN ISO 11885
		Temperature	25°C	Spot sample	Monthly	

Note ¹ The limit shall apply to any spot and composite samples collected by the Chief Inspector.

Figure 6: limits and monitoring requirements for the point of source emissions to water

Table 2.3.3: Emission limits into sewer

Release Point	Source	Parameter	Value	Monitoring Requirement	Notes
FS1	Trade effluent from AD process (normally no flow to sewer)	pH	>5 and <10	Monthly	Sampling and analysis by NI Water is acceptable
FS1		Suspended solids	500 mg/l		
FS1		Ammonia	100 mg/l		
FS1		COD	500 mg/l at pH 7		
FS1		Fats, oils and grease	100 mg/l		
FS1		Flow volume	≤ 300 m ³ /24 hrs		
FS1		Flow rate	416 l/min		
FS1		Temperature	45°C		

Figure 7: emission limits to sewer

3.2 Emissions - Results and Discussion

3.2.1. Foul Discharge

There was no discharge down the foul outlet in from the site. All storm and site drainage was re-used within the process to minimise mains water usage. It is understood the form S1 is not required to be completed.

3.2.2 Storm water Discharge

The storm drainage to surface water has remained closed and there was no discharge throughout this year. Daily inspections are taking place to ensure the chamber pre discharged is kept dry. It is understood the form W1 is not required to be completed.

3.2.3. Odour Abatement System

Throughout the year several 3rd party emissions testing and internal monitoring have been carried out. The results are shown below.



3.2.3.1 Odour Abatement System internal monitoring


Odour Treatment Plant Monitoring Records								
Time from Start Up	Sample Taken By	Ammonia (ppm)			Hydrogen Sulphide (ppm)			Plant conditions
		Inlet	Outlet	% Reduction	Inlet	Outlet	% Reduction	
Week 2 2025	Aby Paul	12	2	83.33	0	0	100.00	Plant operating normal
Week 4 2025	Erick Harrison	20	4	80.00	0	0	100.00	Plant operating normal
Week 6 2025	Aby Paul	8	2	75.00	2	0	100.00	Soup tank cleanout
Week 8 2025	Aby Paul	8	0	100.00	2	0	100.00	Soup tank cleanout
Week 10 2025	Aby Paul	10	2	80.00	3	0	100.00	Plant operating normal
Week 12 2025	Aby Paul	8	2	75.00	3	0	100.00	Plant operating normal
Week 14 2025	Aby Paul	12	4	66.67	2	0	100.00	Plant operating normal
Week 16 2025	Aby Paul	8	6	25.00	1	0	100.00	Plant operating normal
Week 18 2025	Aby Paul	7	4	42.86	1	0	100.00	Plant operating normal
Week 20 2025	Aby Paul	8	6	25.00	2	0	100.00	Plant operating normal
Week 22 2025	Aby Paul	7	5	28.57	1	0	100.00	Plant operating normal
Week 24 2025	Aby Paul	8	5	37.50	1	0	100.00	Plant operating normal
Week 26 2025	Aby Paul	10	6	40.00	1	0	100.00	Plant operating normal
Week 32 2025	Aby Paul	8	5	37.50	1	0	100.00	Plant operating normal
Week 34 2025	Aby Paul	10	4	60.00	1	0	100.00	Plant operating normal
Week 36 2025	Aby Paul	8	4	50.00	2	0	100.00	Plant operating normal
Week 38 2025	Aby Paul	6	4	33.33	1	0	100.00	Plant operating normal
Week 40 2025	Aby Paul	6	4	33.33	2	0	100.00	Plant operating normal
Week 42 2025	Aby Paul	8	4	50.00	2	0	100.00	Plant operating normal
Week 44 2025	Aby Paul	6	4	33.33	2	0	100.00	Plant operating normal
Week 46 2025	Aby Paul	8	5	37.50	3	0	100.00	Plant operating normal
Week 48 2025	Aby Paul	6	4	33.33	2	0	100.00	Plant operating normal
Week 50 2025	Aby Paul	10	6	40.00	2	0	100.00	Plant operating normal
Week 51 2025				#DIV/0!			#DIV/0!	Gas analyser failed

3.2.3.2 Odour Abatement System external testing

The Odour Abatement System installed on site is required to have the quality of the outlet gas monitored twice a year for mercaptans & Odour, while Hydrogen sulphide must be monitored quarterly, all surveys have been carried out by 3rd parties to GECO.

Last survey in 2024 took place on the 12th of December 2025 and site struggled with booking a 3rd party contractor to carry out the H2S reading. Element were able to carry out the 6monthly testing on the 15th April 2025.



Executive Summary

(Page 2 of 7)

MONITORING RESULTS

Granville Ecopark Ltd, Granville Ecoparks, Dungannon
OCU Outlet
15th April 2025

where MU = Measurement Uncertainty associated with the Result

Parameter	Concentration				Mass Emission			
	Units	Result	MU +/-	Limit	Units	Result	MU +/-	Limit
Ammonia	¹ mg/m ³	0.85	0.15	5	g/hr	31.8	5.9	-
Hydrogen Sulphide	¹ mg/m ³	< 0.28	0.03	5	g/hr	< 10.5	1.1	-
Mercaptans	¹ mg/m ³	< 0.07	0.01	5	g/hr	< 2.6	0.5	-
Water Vapour	% v/v	0.9	0.1					
Stack Gas Temperature	°C	13.6						
Stack Gas Velocity	m/s	8.0	0.10					
Volumetric Flow Rate (ACTUAL)	m ³ /hr	39929	1870					
Volumetric Flow Rate (REF)	¹ m ³ /hr	37445	1754					
Volumetric Flow Rate (REF)	² m ³ /hr	40188	1882.5					

NOTE: VOLUMETRIC FLOW RATE & VELOCITY DATA TAKEN FROM THE PRELIMINARY VELOCITY TRAVERSE.

¹ Reference Conditions (REF) are: 273K, 101.3kPa, without correction for water vapour content.

RESULTS FROM ODOUR SAMPLES

Parameter	Concentration				Mass Emission			
	Units	Result	LOWER CI	UPPER CI	Units	Result	LO CI	HI CI
Odour - OCU Outlet	² ouE/m ³	187	118	295	ouE/s	2083.5	1319	3292

Where CI stands for Confidence Interval (or Uncertainty associated with the result)

² Reference Conditions (REF) are: 293K, 101.3kPa, without correction for water vapour content

26th of September

EXECUTIVE SUMMARY

EMISSIONS SUMMARY A6 Odour Control Unit					
Parameter	Units	Result	Calculated Uncertainty +/-	Emission Limit Value (ELV)	Accreditation
Hydrogen Sulphide	mg/m ³	0.90	0.23	5	MCERTS
Hydrogen Sulphide Emission Rate	g/hr	38.29	9.92	-	
Stack Gas Temperature	°C	20	-	-	MCERTS
Stack Gas Velocity	m/s	8.5	0.18	-	
Gas Volumetric Flow Rate (Actual)	m ³ /hr	45549	2271	-	
Gas Volumetric Flow Rate (STP, Wet)	m ³ /hr	42699	2129	-	
Gas Volumetric Flow Rate (STP, Dry)	m ³ /hr	41708	2079	-	
Gas Volumetric Flow Rate at Reference Conditions	m ³ /hr	42699	2129	-	

ND = None Detected,
Results at or below the limit of detection are highlighted by bold italic text.
The above volumetric flow rate is calculated using data from the preliminary survey. Mass emissions for non isokinetic tests are calculated using these values. For all isokinetic testing the mass emission is calculated using test specific flow data and not the above values.
Reference conditions are 273K, 101.3kPa without correction for water vapour

2nd 6monthly testing done 10th of November 2025

EXECUTIVE SUMMARY

EMISSIONS SUMMARY A6 Odour Control Unit					
Parameter	Units	Result	Calculated Uncertainty +/-	Emission Limit Value (ELV)	Accreditation
Odour	ouE/m ³	657.0	See Appendix 3	700	MCERTS
Odour Emission Rate	ouE/s	9706.3	484.44	-	
Stack Gas Temperature	°C	14	-	-	MCERTS
Stack Gas Velocity	m/s	9.8	0.21	-	
Gas Volumetric Flow Rate (Actual)	m ³ /hr	52654	2628	-	
Gas Volumetric Flow Rate (STP, Wet)	m ³ /hr	49554	2473	-	
Gas Volumetric Flow Rate (STP, Dry)	m ³ /hr	49505	2471	-	
Gas Volumetric Flow Rate at Reference Conditions	m ³ /hr	49554	2473	-	

ND = None Detected,
Results at or below the limit of detection are highlighted by bold italic text.
The above volumetric flow rate is calculated using data from the preliminary survey. Mass emissions for non isokinetic tests are calculated using these values. For all isokinetic testing the mass emission is calculated using test specific flow data and not the above values.
Reference conditions are 273K, 101.3kPa without correction for water vapour
Odour reference conditions are 293k, 101.3kPa without correction for water vapour

the vials for mercaptans & H2S got lost in transit on the visit of the 10th of November and socotec had to return to site. The visit took place on the 11th of December 2025.

EXECUTIVE SUMMARY

EMISSIONS SUMMARY A6 Odour Control Unit					
Parameter	Units	Result	Calculated Uncertainty +/-	Emission Limit Value (ELV)	Accreditation
Hydrogen Sulphide	mg/m ³	1.50	1.57	5	None
Hydrogen Sulphide Emission Rate	g/hr	56.34	59.10	-	
Mercaptan	mg/m ³	0.03	0.04	5	None
Mercaptan Emission Rate	g/hr	1.13	1.32	-	
Stack Gas Temperature	°C	14	-	-	MCERTS
Stack Gas Velocity	m/s	7.4	0.16	-	
Gas Volumetric Flow Rate (Actual)	m ³ /hr	39956	1997	-	
Gas Volumetric Flow Rate (STP, Wet)	m ³ /hr	37560	1877	-	
Gas Volumetric Flow Rate (STP, Dry)	m ³ /hr	37523	1875	-	
Gas Volumetric Flow Rate at Reference Conditions	m ³ /hr	37560	1877	-	

ND = None Detected,

Results at or below the limit of detection are highlighted by bold italic text.

The above volumetric flow rate is calculated using data from the preliminary survey. Mass emissions for non isokinetic tests are calculated using these values. For all isokinetic testing the mass emission is calculated using test specific flow data and not the above values.

Reference conditions are 273K, 101.3kPa without correction for water vapour

Odour reference conditions are 293k, 101.3kPa without correction for water vapour

3.2.3. CHPs

Below an extract for the CHP1



Executive Summary
(Page 2 of 7)

MONITORING RESULTS


Granville Ecopark Ltd, Granville Ecoparks, Dungannon
A1, Engine 1 (MWM)
15th - 16th April 2025


where MU = Measurement Uncertainty associated with the Result

Parameter	Units	Concentration		
		Result	MU +/-	Limit
Sulphur Dioxide	¹ mg/m ³	18.7	1.1	350
Total VOCs (as Carbon)	¹ mg/m ³	6.45	0.62	1000
Oxides of Nitrogen (as NO ₂)	¹ mg/m ³	367.35	15.29	500
Carbon Monoxide	¹ mg/m ³	882.16	35.14	1400
Carbon Dioxide	% v/v Dry	9.98	0.33	
Oxygen	% v/v Dry	8.28	0.23	
Water Vapour	% v/v	10.1	0.43	

¹ Reference Conditions (REF) are: 273K, 101.3kPa, dry gas, 5% oxygen.

Below an extract for the CHP 2





Executive Summary
(Page 2 of 7)

MONITORING RESULTS


Granville Ecopark Ltd, Granville Ecoparks, Dungannon
A2, Engine 2 (MWM)
15th - 16th April 2025


where MU = Measurement Uncertainty associated with the Result

Parameter	Concentration			
	Units	Result	MU +/-	Limit
Sulphur Dioxide	mg/m ³	79.16	4.47	350
Total VOCs (as Carbon)	mg/m ³	8.6	0.66	100
Oxides of Nitrogen (as NO ₂)	mg/m ³	415	17.3	500
Carbon Monoxide	mg/m ³	690	27.7	1400
Carbon Dioxide	% v/v Dry	10.5	0.34	
Oxygen	% v/v Dry	7.3	0.21	
Water Vapour	% v/v	9.0	0.39	

¹ Reference Conditions (REF) are: 273K, 101.3kPa, dry gas, 5% oxygen.

Below an extract for the CHP 3





Executive Summary
(Page 2 of 7)

MONITORING RESULTS



Granville Ecopark Ltd, Granville Ecoparks, Dungannon
A3, Engine 3 (MWM)
15th - 16th April 2025


where MU = Measurement Uncertainty associated with the Result

Parameter	Concentration			
	Units	Result	MU +/-	Limit
Sulphur Dioxide	mg/m ³	62.61	3.62	350
Total VOCs (as Carbon)	mg/m ³	9.8	0.72	1000
Oxides of Nitrogen (as NO ₂)	mg/m ³	387	16.1	500
Carbon Monoxide	mg/m ³	788	31.4	1400
Carbon Dioxide	% v/v Dry	9.9	0.33	
Oxygen	% v/v Dry	8.1	0.225	
Water Vapour	% v/v	9.7	0.4	

¹ Reference Conditions (REF) are: 273K, 101.3kPa, dry gas, 5% oxygen.

Below an extract for the CHP 4



Executive Summary
(Page 2 of 7)

MONITORING RESULTS

Granville Ecopark Ltd, Granville Ecoparks, Dungannon
A4 CHP 4
29th May 2025

where MU = Measurement Uncertainty associated with the Result

Parameter	Concentration			
	Units	Result	MU +/-	Limit
Sulphur Dioxide	mg/m ³	2.1	0.13	350
Total VOCs (as Carbon)	mg/m ³	368	17.9	1000
Oxides of Nitrogen (as NO ₂)	mg/m ³	145	7.0	500
Carbon Monoxide	mg/m ³	286	17.5	1400
Carbon Dioxide	% v/v Dry	6.40	0.34	
Oxygen	% v/v Dry	9.63	0.33	
Water Vapour	% v/v	12.3	0.53	

¹ Reference Conditions (REF) are: 273K, 101.3kPa, dry gas, 15% oxygen.

3.2.3. Flare

The flare is integrated onto the site SCADA and operates if:

- a high biogas pressure in the gas train is detected. This is automated to ensure the safety of the plant.
- any return of off-specification biogas for combustion to the on-site CHP engine(s). This is automated to ensure the safety of the plant.

As per note 6 in the permit:

Note 6 – Following commissioning, monitoring to be undertaken in the event the emergency flare has been operational for more than 10 per cent of a year (876 hours). Record of operating hours to be submitted annually to the NIEA.

Given the flare has operated < than 876hours, no emissions monitoring is required at the moment. The usage of the flare will continue to be monitored.

3.2.3. Auxiliary Boiler

The auxiliary boiler has operated less than 1hour throughout 2025, as all the heat and energy required for the site has been provided by the CHPs or imported from the grid.

In the permit the AB operation is restricted to a maximum of 40h per year. Regarding 2025 the site was well within this limit.

3.2.3. Schedule 6s

Throughout the year the site has experienced a few odour complaints, and some operational issues. Depending of the outcome of the investigation, schedule 6s have been issued accordingly as per the permit requirements.

3.3 Performance parameters

3.3.1 Annual Production / Treatment Returns

In the table below a summary of the waste accepted on site (IN), and the waste removed/self generated (OUT) for the 4Quarters of 2024

Table 1: waste returns for 2024 organised per quarter

waste	In	out	unit
Q1	10831.91	25246.46	tonnes
Q2	17338.24	1285.04	tonnes
Q3	17984.49	1217.82	tonnes
Q4	19842.45	1927.86	tonnes
total	65997.09	29677.18	tonnes

Table 2: annual production results for 2024

Annual production/treatment		2024
waste acceptance	tonnes	65997.09
waste treatment	tonnes	65857.09
electricity generated	MWh	27013.65
biomethane generated	m3	1372915
biogas generated (for use in CHP)	m3	8966846
carbon dioxide generated*estimated	m3	4178355.09
whole digestate	tonnes	97296.68

3.4 Performance Parameters

The performance parameters are KPIs provided in the permit, the site collated this information throughout the year and this is then reported to the regulator. The results for 2023 are shown in table 3.

The total water usage during 2025 has increased when compared with 2024. Granville Ecopark have exported approximately 22 MWh of Renewable Electricity for 2025 from biogas. Overall the engines ran well with 87% efficiency being given achieved by CHP1.

Table 3: performance parameters results for 2025

Parameter	unit	Result 2025	Detail
water usage potable	m3	51011	mains
water usage non potable	m3	4512	borehole
		6723	storm
energy usage	MWh	51927.24	imported
	MWh	4518.7	parasitic
	MWh	56445.94	total
raw material usage	tonnes or m3	128103.09	
emergency flare operation	hours	95102	
		95.1	
electricity exported	MWh	22494.95	
biomethane exported to grid	tonnes or m3	0	
biomethane exported off site by tanker	tonnes or m3	377119	
biogas used on site	m3	10713731	
carbon dioxide exported	tonnes or m3	4178355	
CHP engine usage	Hours & %	22438h&55%	*4engines
CHP engine efficiency	%	87%	CHP1
	%	82%	CHP2
	%	49%	CHP3
	%	42%	CHP4
auxiliary boiler usage	hours	0.328	hours

3.5 Other conditions

Pest monitoring continues on a monthly basis by 'Terrier Pest Control' with no signs of vermin being found, as per last years reports.

Daily and weekly site inspections include to check for spills, and the conditions of the bunds, weather conditions, site security, and general housekeeping throughout the site.

Housekeeping toolbox talks have once again been delivered to the operations team to maintain site cleanliness.

4. Conclusions and Recommendations

Overall there were some operational issues throughout the year, which can be expected within the anaerobic digestion industrial settings. The site has less issues than 2024 with clear improvements on housekeeping matters. There are approved upgrades in the pipeline that will ensure the overall potential for odour releases is overall reduced. There are positive signs as we enter 2026 which we hope will be maintained throughout the year.

4.1 Next Monitoring Report

Any 3rd party survey that is carry out at GECO will be shared with NIEA within the required 28 days.

5. REFERENCES

Monitoring reports for quarters 1, 2, 3 and 4 were used as sources in completing the above annual report. Permit Number P0413/12A was also referred to in this report.

[REDACTED]
Director
Granville Anaerobic Digestion and Biogas Plant
Granville Industrial Estate
Dungannon
Tyrone
BT70 1NJ

07 March 2024

**Pollution Prevention and Control (Industrial Emissions) Regulations (NI) 2013
Permit No. P0413/12A**

Dear [REDACTED],

Please find enclosed an Enforcement Notice in relation to the above Permit.

The actions required and the timescale for compliance with the Enforcement Notice are detailed in the Schedule, also enclosed.

You have the Right of Appeal against an Enforcement Notice, which must be lodged within 2 months of the date of the Notice to the Planning Appeal Commission. It should be noted however, that under Regulation 28(8), the bringing of an appeal does not have the effect of suspending the operation of the notice.

If you have any queries, please feel free to contact the Inspectorate.

Yours faithfully,

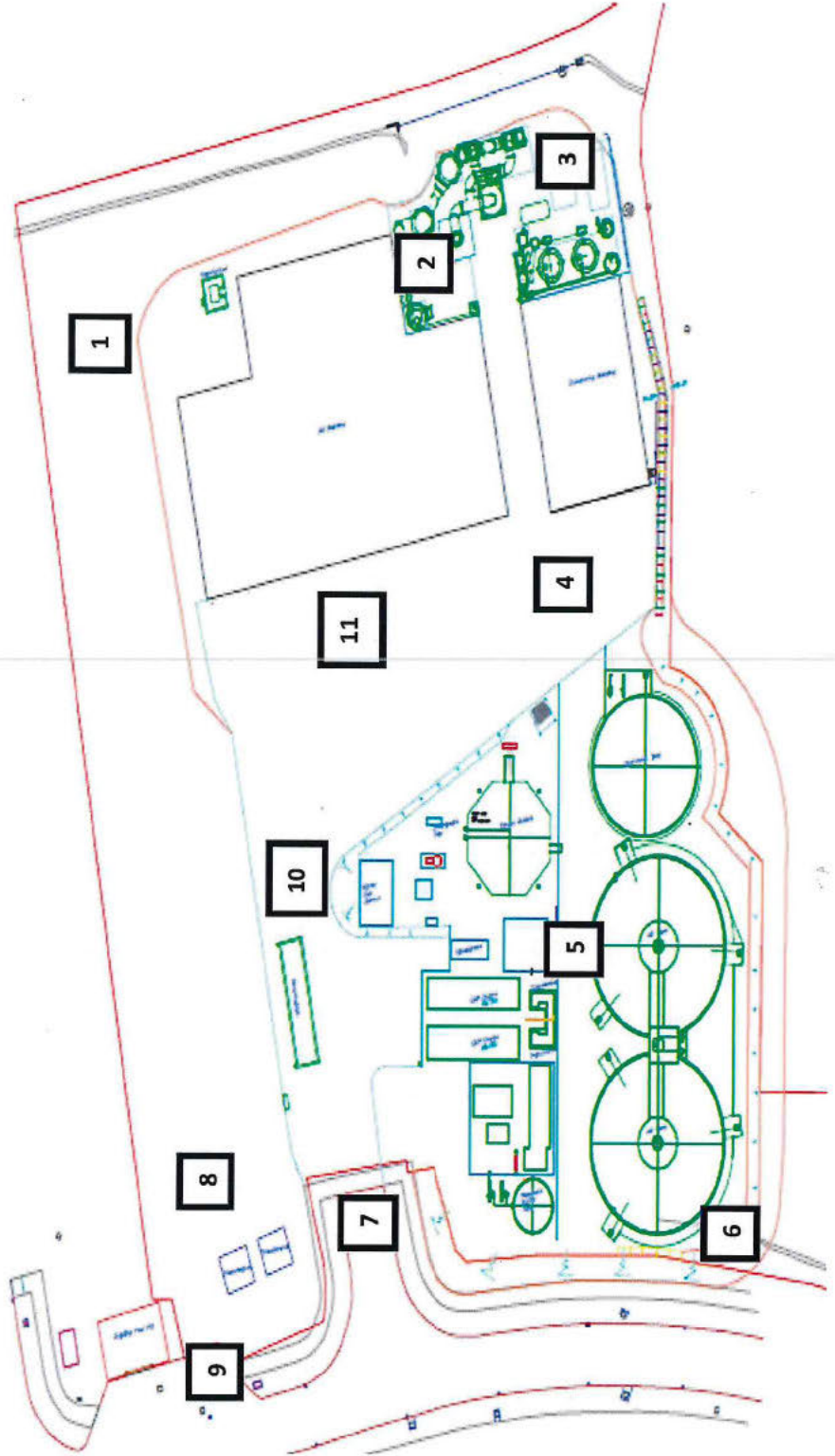
[REDACTED]

[REDACTED]




PART E: ASSESSMENT ODOUR LOCATIONS

WITHIN SITE BOUNDARY.



- Intensity**
- 0 No Odour
 - 1 Very Faint Odour
 - 2 Faint Odour
 - 3 Distinct Odour
 - 4 Strong Odour
 - 5 Very Strong Odour
 - 6 Extremely Strong Odour

- Descriptive Words**
- Compost
 - Wastewater
 - Solvent / cleaning
 - Septic
 - Fusty
 - Rotten Meat / Rotten Food
 - Animal Feed
 - Foul
 - Chemical
 - Digestate
 - Gaseous
 - Farming

	GRANVILLE ECOPARK LTD.	Document Ref: E3
	Daily Odour Assessment Form.	Version: 5.2 Reviewed By: [REDACTED] Date: 02/12/2024

PART D: INTERNAL BOUNDARY ASSESSMENT

ASSESSOR CRITERIA

Assessor is free from medical conditions e.g. cold, sore throat or sinus trouble?	Assessor has not smoked, consumed strongly flavoured food or drank coffee in past 30 minutes?	Assessor has not consumed confectionary or soft drinks immediately before assessment?	Assessor has not applied scented toiletries such as perfume / aftershave or deodorisers immediately before assessment?
YES/NO	YES/NO	YES/NO	YES/NO

ASSESSOR NAME: [REDACTED] DATE: 27.03.2025 TOTAL TIME TAKEN: 11.20am - 13.00

ODOUR REPORT FORM

Location of Test	1	2	3	4	5	6
Time of Test	11.20am	11.24am	11.30am	11.45am	12.00pm	11.55am
Test Duration	11.20 - 11.22	11.24 - 11.26	11.30 - 11.33	11.45 - 11.47	12.00 - 12.03	11.55 - 11.57
Weather conditions	Dry, overcast, slightly misty rain, light breeze					
Temperature	7°C	7°C	7°C	7°C	7°C	8°C
Wind Strength	10-20	mph approx				
Wind Direction	SW					
Odour Intensity	4	5	2	2	1	3
Constant or Intermittent odour?	Intermittent	Intermittent	Intermittent	Intermittent	Intermittent	Intermittent
Odour Description?	Strong rotting slurry.	strong slurry + rotting egg.	same as point 2. + rotten meat	Compost	Compost	Compost
Is the source evident?	local farming	local farming and spreading	local farming and spreading + local business	local business	local business	local business

PART D: INTERNAL BOUNDARY ASSESSMENT

Location of Test	7	8	9	10	11
Time of Test	12.05 PM	13.00	13.10	12.12pm	11.140am
Test Duration	12.05 - 12.08	13.00 - 13.05	13.10 - 13.15	12.12 - 12.15	11.40 - 11.44
Weather conditions	Dry, overcast	Slight drizzle		Dry, overcast, light breeze	
Temperature	7°C	10°C	10°C	7°C	7°C
Wind Strength	10 - 20 MPH approx				
Wind Direction	SW				
Odour Intensity	1	0	0	0	2
Constant or Intermittent odour?	Intermittent	Constant	Constant	Constant	Intermittent
Odour Description?	Animal feed.	No odour.	No odour	No odour.	Food waste
Is the source evident?	Local business	N/A	N/A	N/A.	Door opened due to waste delivery truck

Please note here any works or job tasks being undertaken today:

Truck present at waste reception @ approx. 11.40pm

PRV removal from HD-tanked at approx 12.10 - 12.30.

in waste reception at time of survey.

ACTION REPORTED?

YES/NO N/A

ACTION REQUIRED?

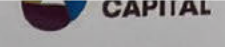
SHEQ Officer or Plant Manager Sign Off:

Date:

27.03.2025

Time:

16.10.



Owner:	[REDACTED]	Date:	27/11/2024	Version:	1
IMS Ref:	EF1	Approver:	[REDACTED]	Page 1 of 2	

To be completed by the site manager (To be delegated when site manager is not available)

Date:	TCM (name & signature)	Time in:	Time out:
28/12/24	[REDACTED]		

Reason for call out/ out of hours:	Staff (name & signature):	Time in:	Time out:
CHP's off	[REDACTED]	1000	18:00

External visit/audits/inspections:	Details & comments
None	

Weather conditions:	Wind direction	Wind speed	Temperature
Low clouds	WSW	9mph	8°C

Material In (detail):	Material out (detail)
Feedstocks total tonnage in 228,190	Digestate out (liquid/solid) total tonnage 229,780
Rejected loads None	Waste out (eg activated carbon) None

Site activities (detail):

Reactive maintenance/breakdowns/SCADA "red" alarms CHP 2 off, CHP 3 off

Daily checks completed (odour, ABP, ppm schedule, housekeeping)

GN

Production (Operational capacity of all gas consumers/ any equipment left to run in manual/flaring)

Compliance

Complaints received: None

Details on accidents / incidents: None

Any uncontrolled releases: None

Any discharges: None

Summary: Digester 2 roof	Summary: Back of Digester 2 roof	Summary: Digester 2 lip by pipeline
Concentration: Mean[ppm]	Concentration: Mean[ppm]	Concentration: Mean[ppm]
46733.8	8818.94	3666.06
Leak Rate: Mean[g/h]	Leak Rate: Mean[g/h]	Leak Rate: Mean[g/h]
45624.7	4591.67	1287.91
C Max[ppm]	C Max[ppm]	C Max[ppm]
219298	31405	4483
Corrective Action Repair date and plan to be organised following completion of AD2 lip repair in accordance with priority level	Corrective Action Repair date and plan to be organised following completion of AD2 lip repair in accordance with priority level	Corrective Action Inspection took place on 27/03/25, following access the internal damage was assessed and a date for full D1 repair will be discussed. Rescue team by 3rd party & scaffolding and tank level reduction to be discussed, agreed and organised.



Top of Digester 2 roof emission locations



Top of Digester 2 back of roof emission location



Top of Digester 2 roof emission location

Summary: Digester 1 roof	Summary: Second quantification on digester 1 roof	Summary: PRV Digester 1
Concentration: Mean[ppm]	Concentration: Mean[ppm]	Concentration: Mean[ppm]
2577.98	6816.49	6523.928
Leak Rate: Mean[g/h]	Leak Rate: Mean[g/h]	Leak Rate: Mean[g/h]
2283.53	2258.51	3120.96684
C Max[ppm]	C Max[ppm]	C Max[ppm]
6300	65486	6523.928
Corrective Action Repair date and plan to be organised following completion of AD2 lip repair in accordance with priority level	Corrective Action Repair date and plan to be organised following completion of AD2 lip repair in accordance with priority level	Corrective Action Data not reliable has been corrected by Callum, report updated. Repair requires rescue team & BA, seal kit long lead time





Top of Digester 1 roof - emission locations



Top of Digester 1 roof PRV Emission



Top of Digester 1 roof emission location

Summary: Gas Bag PRV	Summary: Inside CHP
Concentration:	Concentration:
Mean[ppm]	Mean[ppm]
4341.7	1357.56
Leak Rate:	Leak Rate:
Mean[g/h]	Mean[g/h]
309.7	200.678
C Max[ppm]	C Max[ppm]
7106	4582
Corrective Action Replacing the seal kit is expected, this will be included on maintenance schedule, low downtime expected	Corrective Action Leak to be repaired as soon as possible, in the mean time following mitigation measures are in place: gas monitors to be worn by all operatives at all times, no requirement to access CHP while engine is running.



Gas bag PRV Emission location



Inside CHP 1 emission location

Project Details

Client: Granville Eco Park

Project Name: Granville Eco Park

Date(s) on site: 05/03/2025

Project Number: OSS421

Report Reference: CG20250317OSS421

Report Author(s): [REDACTED]

Site Address: Granville Industrial Estate, Granville Rd, Granville, Dungannon BT70 1NJ

Personnel: [REDACTED]

Brief: OSS Enviro has been tasked with a full site inspection. This is to comply with the requirements of permit conditions to ensure compliance. The task is to carry out a full LDAR survey ensuring all fugitive emissions are detected, recorded and quantified. All site information is to be included in this report.

Site Conditions: Weather was cloudy during the survey, Temperature was measured at 4 Degrees Celsius. Wind speed was measured at 6 m/s.

Equipment Used: EyeCGas 2.0 OGI Camera
Licence 1.0.1
TGC 220 33615
Software version: 2.6.0
Getac Tablet 8G9K0900A

Locations

Site Overview



Overview of site from google earth.

Images



Overview from google earth



Granville Ecopark AD Tank Spillages – Minutes

MEETING TITLE	Granville Ecopark AD Tank Spillages
VENUE	Teams
DATE/TIME	14 th August 2024 15:00 – 15:30
LIST OF ATTENDEES	[REDACTED] – NIEA [REDACTED], [REDACTED], [REDACTED], [REDACTED] [REDACTED] – GECO / Biocapital
KEY POINTS DISCUSSED	<ul style="list-style-type: none">• [REDACTED] advised that IPRI had questions regarding the two AD tank spillages on the 5th and 9th August but would like GECO to provide context/background information.• [REDACTED] detailed the 1st spillage event (5th August) was in AD1 which has two level sensors – an initial high warning sensor with a 2nd higher sensor level as back up. [REDACTED] informed that the SCADA was misreading the sensors resulting in a high level digestate going undetected. This coupled with the mixers turning resulted in the overflow. [REDACTED] advised that once the spill had been detected it was stopped and the feed was shut off. The spill was contained and immediately cleaned up.• [REDACTED] confirmed that the sensors have been reprogrammed to 95% level and recalibrated. LK also confirmed that brand new sensors have been ordered.• For the spill on 9th August, [REDACTED] confirmed that this was due to digestate outflow pipe being blocked and a similar issue with the sensors. Again material had been lost through agitation by the mixers.• [REDACTED] asked if the 200T of spill material was correct as this seemed quite high. [REDACTED] confirmed that it was close to this figure and that it had happened intermittently over a period of 7-8 hours. It was contained between the two tanks and site drainage.• [REDACTED] advised that further counter measures have been put in place. One of which is the project for new, larger digestate lines (project is approximately 75% complete). Flow meters will be installed in each digester.• [REDACTED] began with questions – Why were NIEA not notified about 9th August spill event until 13th August. [REDACTED] confirmed that the focus was on the plant and that he had forgotten. [REDACTED] confirmed that they would be more accurate with this in the future.• [REDACTED] asked about COTC cover on the weekend following the event. [REDACTED] confirmed that the spill had been cleared and rectified on the day (he was the COTC cover) and that he was working with engineering remotely over the weekend to ensure everything was functioning correctly. They slowly reintroduced the feed to ensure tank balance maintained.

- ■ asked about automatic shutdown to feed when high level is reached in the tanks. ■ confirmed that the issues have been rectified and the automatic shutdown is working again.
- ■ asked about the calibration schedule for the sensors. ■ advised he wasn't up to speed with that; however, this is usually done annually. ■ requested the last calibration documentation and schedule.
- ■ advised that currently there is a green light which changes to red on the SCADA when there is an alarm and someone is usually in the SCADA area to pick it up. This will be updated to include a siren and have message sent to an operator's pager.
- ■ asked if the PRVs have been resealed. ■ confirmed that this was actioned and that the readings are correct.
- ■ asked for copies of the following:
 1. Process instrumentation diagrams for AD tanks
 2. Process flow diagrams (schematics) for waste into AD tanks
 3. Maintenance records for sensors
 4. Site diary photos for Sunday, Monday and Friday.
- ■ asked what caused the blockage i.e. had there been any unusual waste. ■ advised that it was only the normal waste and the project to replace the digestate lines with increased diameter pipes, will alleviate the problem.
- ■ asked for confirmation that the new flow meters and alarms would pick up on any future blockages. ■ confirmed that this was correct. AE asked for details/specifications of what is being put in.
- ■ asked about the competency on SCADA. ■ advised that he is competent across the most of the SCADA and is approximately half way through the reporting aspect. AE reiterated the importance of being able to run these reports.
- ■ had finished with questions and ■ advised that they would tie together the items discussed today with the Part B in Schedule 6.

ACTION POINTS

- **Action 1:** Provide most recent calibration records for sensors on AD1 and AD2 tanks.
- **Action 2:** Provide copies of the following:
 1. Process instrumentation diagrams for AD tanks
 2. Process flow diagrams (schematics) for waste into AD tanks
 3. Maintenance records for sensors
 4. Site diary photos for Sunday, Monday and Friday.

- **Action 3:** Provide details of any new equipment relating to the counter measures discussed (new pipework, sirens and associated alarms, new level sensors, new flow meters). To include plans/specifications/schematics and expected timeframe.
- **Action 4:** Provide details of alarm and automatic shutdown levels on AD tanks.

Minutes written by:

[REDACTED]

Date:

15th August 2024

Odour Assessment Reporting Form (Appendix B):

Site Name: Granville Industrial Estate

PPC Permit Nos:

Pre-Assessment Preparation

Inspector is free from medical conditions (cold, sore throat, sinus trouble)?	Inspector abstinence (30 min) from smoking and strongly flavoured food or drink including coffee?	Inspector has not consumed confectionary or soft drinks immediately before the assessment?	Inspector has not applied scented toiletries such as perfume/aftershave/deodorisers immediately before the assessment?	Vehicle used during the assessment does not contain any deodorisers or air fresheners?
Yes / No	Yes / No	Yes / No	Yes / No	Yes / No

	Officer name(s): [REDACTED] and [REDACTED] – using Granville map v2						Date: 23 rd August 2024	
Time of test	09.38	09.43	09.57	10.03	10.06	10.13	10.20	10.25
Location of test e.g. point number or street name etc	16	12	1	2	6	8	11	9
Weather conditions (dry, rain, fog, snow etc):	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
Temperature (very warm, warm, mild, cold, or degrees if known)	12°C	12°C	12°C	12°C	12°C	13°C	13°C	13°C
Wind strength (none, light, steady, strong, gusting) Use Beaufort scale if known	Light Breeze	Gentle Breeze	Moderate Breeze	Moderate Breeze	Moderate Breeze	Moderate Breeze	Moderate Breeze	Moderate Breeze
Wind direction (e.g. from W)	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW
1. Intensity (see below)	0	0	0	0	3	0	4	4
Duration (of test)	4mins	5mins	5mins	5mins	5mins	4mins	5mins	3mins
Constant or intermittent in this period or persistence (note range if intermittent)	No odour	No odour	No odour	No odour	There were 4 separate odours – with persistence – 1. Municipal waste odour. 2. ETP 3. Lairage	No odour	Municipal Waste Odour – Constant	Digestate/Compost Type Odour

					4. Digestate/Com post (strongest Odour)			
2. What does it smell like? Offensiveness	0	0	0	0	3	0	3	3
3.Receptor sensitivity (see below)	0	0	3	0	3	0	2	1
4. Extent & Persistence (see below)	0	0	1	0	5	0	3	2
Is the source evident?					1. GECO 2. Linden 3. Linden 4. Westland		Granville Ecopark	Westland
Any other comments or observations								
Total Sum of 1+2+3+4	0	0	6	0	14	0	12	10

Time of test	10.28	10.31	12.30		
Location of test e.g. point number or street name etc	3	4	10		
Weather conditions	Dry	Dry	Rain		
Temperature	Mild	Mild	Mild		
Wind strength	Moderate Breeze	Moderate Breeze	Moderate Breeze		
Wind direction	WSW	WSW	SW		
1. Intensity	0	4	4		
Duration (of test)	3mins	3mins	5 mins		
Constant or intermittent in this period or persistence	No odour	Constant municipal waste and gas type odour	Intermittent (75%) digestate/compost type odour		
2. What does it smell like? Offensiveness	0	3	3		

3.Receptor sensitivity	0	1	2			
4. Extent & Persistence	0	3	3			
Is the source evident?		Graville Ecopark	Westland			
Any other comments or observations						
Total Sum	0	11	12			

Note. If Total sum => 10 Assessment classed as unsatisfactory and action required. If <10 assessment classed as satisfactory. Use assessment point with highest score as outcome of assessment.

Assessment outcome:

SATISFACTORY		UNSATISFACTORY	x
--------------	--	----------------	---

Was entry onto site required?

Linden Foods were notified about their odour as part of their planned site inspection.

In addition NIEA officers visited both GECO and Westland to inform them of the odours emanating from their sites

Intensity	Offensiveness	Receptor sensitivity where odour detected	Extent & Persistence
0 No odour	1. Less / potentially offensive	1. Low (e.g. footpath, road)	1. Local & transient (only detected on installation or at boundary when wind drops or blows)
1 Very faint odour	2. Moderately offensive	2. Medium (e.g. industrial or commercial workplaces)	2. Transient (as above but away from installation)
2 Faint odour	3. Most / highly offensive	3. High (e.g. housing, pub/hotel etc)	3. Persistent but fairly localised
3 Distinct odour			4. Persistent & pervasive up to 50m from boundary
4 Strong odour			5. Persistent & widespread (50m+ from boundary)
5 Very strong odour			
6 Extremely strong odour			

From: [REDACTED]
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: P0413 12A - Granville Ecopark
Date: 09 May 2024 17:27:43
Attachments: [image002.png](#)
[image003.png](#)

CAUTION – This email has been received from outside the NICS network. If you have any concerns, please report for investigation.

Hi [REDACTED]

Yes this suits myself and [REDACTED] I would like to run this past [REDACTED] as he may want to join the discussion but shouldn't be a problem as he may just join remotely.

If we can go ahead for this time as mentioned and if there are any issues I'll come back to you.

Thanks

[REDACTED]

[REDACTED]
Plant Manager

GRANVILLE ECO PARK LIMITED

T: [REDACTED]

E: [REDACTED]

<!--[if !vml]--><!--[endif]-->A: Granville Industrial Estate, Granville Rd, Granville, Dungannon, BT70 1NJ



Registered No. NI061353

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From: [REDACTED]
Sent: Tuesday, May 7, 2024 2:33 PM
To: [REDACTED]
Cc: [REDACTED]
Subject: P0413 12A - Granville Ecopark

Hi [REDACTED]

[REDACTED] and I are looking to carryout a routine site inspection Wednesday 22nd May, 10.30am. Does this date suit?

We also thought it would be a good time to discuss the draft permit. I know we are expecting feedback from you by the 21st, so I thought we could take it as an opportunity to discuss any queries or issues you might have raised by then in person?

Regards



Industrial Pollution and Radiochemical Inspectorate

Northern Ireland Environment Agency

17 Antrim Road

Lisburn

BT28 3AL

Tel 



From: [REDACTED]
To: [REDACTED]
Subject: RE: Pollution inventory report for 2023
Date: 26 March 2024 15:01:58
Attachments: [image002.png](#)
[image003.png](#)
[pollution-form-pollution-inventory-reporting-form-2023.pdf](#)

CAUTION – This email has been received from outside the NICS network. If you have any concerns, please report for investigation.

Hi [REDACTED]

Please see attached PIR for 2023- if you have any questions please let me know

Thanks

[REDACTED]

[REDACTED]
Plant Manager
GRANVILLE ECO PARK LIMITED

T
E

<!--[if !vml]--><!--[endif]-->A: Granville Industrial Estate, Granville Rd, Granville, Dungannon, BT70 1NJ



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From: [REDACTED]
Sent: Monday, March 25, 2024 4:01 PM
To: [REDACTED]
Subject: Pollution inventory report for 2023

Hi [REDACTED]

Apologies if you have already sent the PIR for 2023 but could you possibly re-send me a copy?

Thanks

[REDACTED]

[REDACTED]
Senior Chemicals Inspector
Chemicals Team
Industrial Pollution and Radiochemical Inspectorate
Klondyke Building
Gasworks Business Park
Ormeau Road
Malone Lower
Belfast BT7 2JA

T: [REDACTED]
E: [REDACTED]

DAERA Signature Strip New 2020 Green



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From: [REDACTED]
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: PPC compliance assessment report for 23rd May 2024
Date: 28 June 2024 17:36:03
Attachments: [image005.jpg](#)
[image001.png](#)
[IMG_5433.jpg](#)
[IMG_5409.jpg](#)
[IMG_5408.jpg](#)
[IMG_5434.jpg](#)
[DAFM Animal By Products Licence Exp 2025.pdf](#)

CAUTION – This email has been received from outside the NICS network. If you have any concerns, please report for investigation.

Hi [REDACTED]

Please see below updates on the following actions:

2024/25-1-2: Operator to provide photos of soup tank condition from cleanout.

Please see attached photos of the soup tank following the most recent cleanout. The photos show good coverage of the lining within the tank. One panel has been identified that outlines some delamination at the top of the tank in line with the access door where the lining has detached from tank wall. This is to be monitored annually to check if this progresses however integrity of the panel has not been impacted by this. Also included are photos of the sealing around the tank which is in good repair.

2024/25-1-3: Operator to provide ROC information on Dalton's of Cahir

Please see attached Animal By Products licence.

Thanks

[REDACTED]

[REDACTED]
Plant Manager
GRANVILLE ECO PARK LIMITED

T: [REDACTED]
E: [REDACTED]

<!--[if !vml]--><!--[endif]-->A: Granville Industrial Estate, Granville Rd, Granville, Dungannon, BT70 1NJ



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From: [REDACTED]
Sent: Wednesday, June 19, 2024 4:37 PM
To: [REDACTED]; [REDACTED]

[Redacted]

Cc: [Redacted]

Subject: PPC compliance assessment report for 23rd May 2024

Good afternoon

Please see report attached, if you have any questions please do not hesitate to get in touch.

Thanks

[Redacted]

[Redacted]

Senior Chemicals Inspector
Chemicals Team
Industrial Pollution and Radiochemical Inspectorate
17 Antrim Road
Lisburn
BT28 3AL
T: [Redacted]

A close-up of a logo? ? Description automatically generated



From: [REDACTED]
To: [REDACTED]; [Lewis, Helen](#)
Cc: [REDACTED]
Subject: RE: RE: Financial provision and odour impact assessment
Date: 23 October 2024 15:56:00
Attachments: [image001.png](#)
[image002.png](#)

Apologies [REDACTED]

Just seen I've added an extra day to November (took your lead).

The new deadlines are 30th November 2024.

Regards

[REDACTED]

From: [REDACTED]
Sent: 23 October 2024 15:51
To: [REDACTED]; Lewis, Helen [REDACTED]
Cc: [REDACTED]; [REDACTED]
Subject: CM: RE: Financial provision and odour impact assessment

Hi [REDACTED]

After discussions with Helen we are content to extend the deadline till 31st November 2024 for the financial provision.

We also content to extend the deadline to 31st November 2024 in relation to the Enforcement Notice:

Operator to provide a report by the independent odour control and AD expert of the odour impact assessment from all major point and fugitive odour sources with options for reducing the impact to an acceptable level from the significant contributors

We are reviewing the information submitted for Variation 4 and hope to get back to you before the end of next week with a decision on the commissioning of the CO2 plant.

Regards

[REDACTED]

From: [REDACTED]
Sent: 21 October 2024 16:27
To: Lewis, Helen [REDACTED]
Cc: [REDACTED]; [REDACTED]
Subject: Financial provision and odour impact assessment

CAUTION – This email has been received from outside the NICS network. If you have any concerns, please report for investigation.

Hi Helen and [REDACTED]

I hope you are both well.

I am writing to you to let you know that we are conscious that the due date of 18/10/24 has past, by which

time we were supposed to have returned to you the bond document for the financial provision at Granville Ecopark. Please accept my apologies but we have requested this from our bank, and I hope to be able to confirm this week when we will have the completed document to you.

We also have the upcoming deadline below as part of the Enforcement Notice [REDACTED] of Silsoe Odours is currently working on the dispersion modelling and the impact assessment report. Unfortunately [REDACTED] is leaving Silsoe Odours in October and joining another company. This is going to affect our ability to meet the below deadline [REDACTED] will continue this work at his new company), and we would therefore like to request an extension for this action to 31/11/24. Would this be acceptable?

Operator to provide a report by the independent odour control and AD expert of the odour impact assessment from all major point and fugitive odour sources with options for reducing the impact to an acceptable level from the significant contributors	Currently agreed to 30/10/24
--	------------------------------

Finally, further to submitting the permit variation for the CO2 capture equipment in July, we are scheduled to carry out commissioning from 18/11/24. As with the gas to grid project, are we able to carry out commissioning of this equipment whilst we wait for the variation to be determined?

Kind regards

[REDACTED]
Head of SHEQ
BIO CAPITAL LIMITED

E: [REDACTED]
A: The Corn Store, Hyde Hall Farm, Buntingford, Hertfordshire, SG9 0RU

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From: [REDACTED]
To: [REDACTED]; [REDACTED]
Cc: [Lewis, Helen](#)
Subject: RE: RE: Odour Management Plan V7 - associated procedures
Date: 05 July 2024 10:03:00
Attachments: [image001.png](#)
[image004.png](#)
[image005.jpg](#)
[image003.png](#)

Hi [REDACTED]

I am not sure if perhaps some procedures didn't come through with your previous email but I only received a copy of V7 OMP and HSP01, I've gone through the OMP and listed the procedures and forms mentioned below, if you could provide a copy of each as soon as possible that would be much appreciated.

1. SR21 GECO Working Register
2. SR12 Complaints Register
3. E2 Daily Site Environmental Inspection form
4. E3 Daily Odour Assessment Form
5. E4 Odour Complaint Investigation Form
6. E6 Odour Complaint Form
7. E13 Schedule 6 Notification
8. E8 Waste Pre-Acceptance form
9. EP2 Spillage Response Procedure
10. EP3 Waste Acceptance
11. EP6 Waste Pre-Acceptance procedure
12. EP7 Waste Acceptance – not sure if this is a typo
13. EP8 Waste Rejection Procedure
14. EP9 Environmental Monitoring Procedure
15. Q2 Non-Conformance Form
16. Q12 plant log
17. QP25 AD Foaming Process Control
18. Q102 Measurement of scrubber operating parameters
19. HSP02 Contractor Management
20. HSP6 Risk Assessment & Method Statement Procedure
21. HS9 Driver Induction Handbook.
22. HS28 Warning Card System
23. Risk Assessment & Method Statement 50 – Liquid Digestate Loading
24. RAMS51 Compactor Changeover

Please feel free to only include the relevant pages of some of these procedures if they are very long and if you think any aren't relevant please let us know why.

Thanks
[REDACTED]

From: [REDACTED]

Sent: Thursday, July 4, 2024 4:45 PM

To: [REDACTED]; [REDACTED]
[REDACTED]

Cc: Lewis, Helen [REDACTED]

Subject: CM: RE: Odour Management Plan V7 - associated procedures

CAUTION – This email has been received from outside the NICS network. If you have any concerns, please report for investigation.

Hi [REDACTED],

As requested, please see attached copies of the most up to date procedures as mentioned in the OMP.

Kind Regards,

[REDACTED]

SHEQ Manager Northern Ireland
BIO CAPITAL LIMITED

T: [REDACTED]
E: [REDACTED]

A: The Corn Store, Hyde Hall Farm, Buntingford, Hertfordshire, SG9 0RU



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From: [REDACTED] >

Sent: Thursday, June 27, 2024 9:38 AM

To: [REDACTED]; [REDACTED]
[REDACTED]

Cc: Lewis, Helen [REDACTED]

Subject: Odour Management Plan V7 - associated procedures

Good morning

Could you please send us in the most up to date versions of the procedures noted on your OMP, we doing an in depth review at present and just want to make sure we have the full

picture.

Thanks

[REDACTED]

[REDACTED]

Senior Chemicals Inspector
Chemicals Team
Industrial Pollution and Radiochemical Inspectorate
17 Antrim Road
Lisburn
BT28 3AL

T [REDACTED]
E [REDACTED]

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From: [REDACTED]
To: [REDACTED]; [REDACTED]; [REDACTED]
Cc: [REDACTED]; [REDACTED]
Subject: RE: RE: Odour Management Plan V7 - associated procedures
Attachments: [image001.png](#)
[image004.png](#)
[image007.jpg](#)
[image003.png](#)
[Requested OMP Information.zip](#)

Hi [REDACTED]

Please see attached zip folder containing the requested items as per the OMP. Please note EP7 Waste Acceptance –is a typo.

Kind Regards,

[REDACTED]

SHEQ Manager Northern Ireland

BIO CAPITAL LIMITED

T: [REDACTED]

E: [REDACTED]

A: The Corn Store, Hyde Hall Farm, Buntingford, Hertfordshire, SG9 0RU



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From: [REDACTED]
Sent: Friday, July 5, 2024 10:04 AM
To: [REDACTED]; [REDACTED]
[REDACTED]; [REDACTED]
Cc: Lewis, Helen [REDACTED]
Subject: RE: RE: Odour Management Plan V7 - associated procedures

Hi [REDACTED]

I am not sure if perhaps some procedures didn't come through with your previous email but I only received a copy of V7 OMP and HSP01, I've gone through the OMP and listed the procedures and forms mentioned below, if you could provide a copy of each as soon as possible that would be much appreciated.

1. SR21 GECO Working Register
2. SR12 Complaints Register
3. E2 Daily Site Environmental Inspection form
4. E3 Daily Odour Assessment Form
5. E4 Odour Complaint Investigation Form
6. E6 Odour Complaint Form
7. E13 Schedule 6 Notification
8. E8 Waste Pre-Acceptance form
9. EP2 Spillage Response Procedure
10. EP3 Waste Acceptance
11. EP6 Waste Pre-Acceptance procedure
12. EP7 Waste Acceptance – not sure if this is a typo
13. EP8 Waste Rejection Procedure
14. EP9 Environmental Monitoring Procedure
15. Q2 Non-Conformance Form
16. Q12 plant log
17. QP25 AD Foaming Process Control
18. Q102 Measurement of scrubber operating parameters
19. HSP02 Contractor Management
20. HSP6 Risk Assessment & Method Statement Procedure
21. HS9 Driver Induction Handbook.
22. HS28 Warning Card System
23. Risk Assessment & Method Statement 50 – Liquid Digestate Loading
24. RAMS51 Compactor Changeover

Please feel free to only include the relevant pages of some of these procedures if they are very long and if you think any aren't relevant please let us know why.

Thanks

[REDACTED]

From: [REDACTED]
Sent: Thursday, July 4, 2024 4:45 PM
To: [REDACTED]; [REDACTED]
[REDACTED]; [REDACTED]
Cc: Lewis, Helen [REDACTED]
Subject: CM: RE: Odour Management Plan V7 - associated procedures

Hi [REDACTED]

As requested, please see attached copies of the most up to date procedures as mentioned in the OMP.

Kind Regards,

[REDACTED]

SHEQ Manager Northern Ireland

BIO CAPITAL LIMITED

T: [REDACTED]

E: [REDACTED]

A: The Corn Store, Hyde Hall Farm, Buntingford, Hertfordshire, SG9 0RU



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From: [REDACTED]

Sent: Thursday, June 27, 2024 9:38 AM

To: [REDACTED]; [REDACTED]
[REDACTED]; [REDACTED]

Cc: Lewis, Helen [REDACTED]

Subject: Odour Management Plan V7 - associated procedures

Good morning

Could you please send us in the most up to date versions of the procedures noted on your OMP, we doing an in depth review at present and just want to make sure we have the full picture.

Thanks

[REDACTED]

[REDACTED] [REDACTED]

Senior Chemicals Inspector

Chemicals Team

Industrial Pollution and Radiochemical Inspectorate

17 Antrim Road

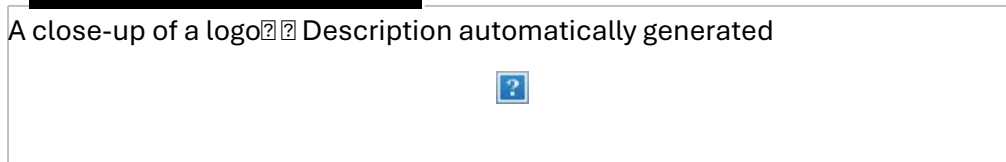
Lisburn

BT28 3AL

T [REDACTED]

E [REDACTED]

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From: [REDACTED]
To: [REDACTED]
Cc: [REDACTED]; [REDACTED]; [REDACTED]; [REDACTED]; [REDACTED]
Subject: RE: Report of Gas Odour emanating from Granville Ecopark -16th July 2025
Date: 28 July 2025 16:13:58
Attachments: [image004.png](#)
[image005.png](#)
[image007.png](#)
[image009.png](#)
[image001.png](#)
[AD1 level 16.7.25.PNG](#)
[AD1 pressure 16.7.25.PNG](#)
[ad2 level 16.7.25.PNG](#)
[ad2 pressure 16.7.25.PNG](#)

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Hi [REDACTED] trust all is well. Apologies for not having send this sooner, I was off a few days last week and missed sending this email. Please find attached the AD graphs as requested.

Speak soon

[REDACTED]
Environmental & Sustainability Manager
BIO CAPITAL LIMITED

T: [REDACTED]

E: [REDACTED]

A: The Corn Store, Hyde Hall Farm, Buntingford, Hertfordshire, SG9 0RU



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From: [REDACTED]
Sent: 28 July 2025 13:30
To: [REDACTED]; [REDACTED]; [REDACTED]
Cc: [REDACTED]; [REDACTED]
Subject: Report of Gas Odour emanating from Granville Ecopark -16th July 2025

Caution: This email originated from outside of your organisation. Do not click links or

open attachments unless you recognize the sender and know the content is safe.

Hi [REDACTED]

Could you please supply the SCADA data for the Odour Control Unit and AD1 & AD2 for the period (12:00 to 16:00) on the day of the incident. An odour assessment was conducted in response to the complaint. Forward a copy for our records.

Regards,

[REDACTED]
Northern Ireland Environment Agency
Industrial Pollution and Radiochemical Inspectorate
17 Antrim Road,
Tonagh,
Lisburn,
Co Antrim,
BT28 3AL
Phone [REDACTED]



From: [REDACTED]
Sent: 16 July 2025 17:22
To: [REDACTED]; [REDACTED]
[REDACTED]; [REDACTED]; [REDACTED]
Cc: [REDACTED]
Subject: CM: RE: Report of Gas Odour emanating from Granville Ecopark

Hi [REDACTED]

Thank you for your email. We received [REDACTED]'s phone call at approx. 15.00 . Site Manager [REDACTED] then followed up the phone call with [REDACTED] discussing the odour complaint and asked if he would like [REDACTED] to visit his property to carry out an investigation, [REDACTED] declined. [REDACTED] then followed up the complaint by completing an external site odour survey. During this survey, [REDACTED] met [REDACTED] and discussed the odour explaining that operations on site have been normal and that he did not detect any off-site odour during his survey. [REDACTED] confirmed that [REDACTED] was happy that the odour was not present at the time of [REDACTED] visit.

Prior to the odour survey [REDACTED] confirmed that the wind direction was SW, meaning the probability of the odour being from site was slim, however we will begin to gather all relevant information as per the odour investigation.

Apologies about the phone call being missed in the top office, [REDACTED] and some operatives had left the office to complete the survey at that time. We will check our internal phone lines again, the phone should have automatically transferred to the operations telephone after not being

answered, however, it may be due to a full voicemail.

Kind Regards,

[REDACTED]

SHEQ Manager Northern Ireland

BIO CAPITAL LIMITED

T: [REDACTED]

E: [REDACTED]

<!--[if !vml]--><!--[endif]-->**A:** The Corn Store, Hyde Hall Farm, Buntingford, Hertfordshire, SG9 0RU



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From: [REDACTED]

Sent: 16 July 2025 16:29

To: [REDACTED]; [REDACTED]; [REDACTED]

Cc: [REDACTED]; Lewis, Helen [REDACTED]

Subject: Report of Gas Odour emanating from Granville Ecopark

Importance: High

Caution: This email originated from outside of your organisation. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hello [REDACTED],

I have received a complaint from a local resident (15:36), of an odour which he believes is coming from Granville Ecopark site. The odour was described as if it were of bottled gas.


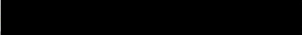
It was first noticed at approximately 12:30 when the resident was in his yard. It was a strong gas odour and it was intermittent. This was present through the afternoon. The resident rang your office to report it (just before 15:00), spoke to a male person (whose name he cannot remember), identified himself and where he lived. He was told that someone would call with him shortly to investigate.

He then contacted me at 15:36 to report the incident. I immediately contacted your office at 15:42, the phone rang for five rings and then hung up, giving a disconnected tone. I rang back

several times and was disconnected each time.

Please supply the SCADA data for the Odour Control Unit and AD1 & AD2 for the period (12:00 to 16:00) by way of response. Have there been any operations undertaken, where such an odour or gas release could have occurred ? If so, forward a Schedule 1 form outlining the incident .

Regards


Northern Ireland Environment Agency
Industrial Pollution and Radiochemical Inspectorate
17 Antrim Road,
Tonagh,
Lisburn,
Co Antrim,
BT28 3AL
Phone 



From: [REDACTED]
To: [REDACTED]; [REDACTED]
Subject: RE: Report of Odour - 28.11.25 6pm-7pm
Date: 01 December 2025 15:56:30
Attachments: [image002.png](#)
[image003.png](#)

CAUTION – This email has been received from outside the NICS network. If you have any concerns, please report for investigation.

Hi [REDACTED]

Trust all is well. thank you for sending this across. So far nothing has been reported internally that I can see. I will share this and ask the team to facilitate the relevant data.

Speak soon

[REDACTED]
Environmental & Sustainability Manager
BIO CAPITAL LIMITED

T: [REDACTED]

E: [REDACTED]

A: The Corn Store, Hyde Hall Farm, Buntingford, Hertfordshire, SG9 0RU



Registered in England and Wales No. 11430503

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From: [REDACTED]
Sent: 01 December 2025 15:50
To: [REDACTED]
Cc: [REDACTED]
Subject: Report of Odour - 28.11.25 6pm-7pm

Caution: This email originated from outside of your organisation. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi

The Department has received a report of rancid odour coming from the direction of Granville

Estate 28th Nov 6pm-7pm.

Has your facility had any issue, malfunction or otherwise activity that may have resulted in excessive odour around 6pm-7pm on the Friday 28th Nov?

Regards

██████

██████ ████████

Industrial Pollution and Radiochemical Inspectorate

Northern Ireland Environment Agency

17 Antrim Road

Lisburn

BT28 3AL

Tel: ██████████



From: [REDACTED]
To: [REDACTED]
Cc: [REDACTED]
Subject: Re: Report of Odour - 28-29/10/25
Date: 06 November 2025 09:18:26
Attachments: [image001.png](#)

CAUTION – This email has been received from outside the NICS network. If you have any concerns, please report for investigation.

Hi [REDACTED]

Apologies on the slow reply I have been off for a few days, I got contacted directly from [REDACTED] about this on the day of the complaint likely just after he contacted yourselves and conducted an odour survey myself . There was no noticeable odour coming from us that day but was an odour from other parts of the estate which I assume to have been where the smell was emanating from. I attempted to call [REDACTED] back that evening after the odour survey to let him know where the smell was coming from and that it wasn't from us, but he didn't answer the call.

I'm only back today so will check if anything has been sent over to you and if not get it sent across today.

Many Thanks

[REDACTED]
Site Manager
Granville Ecopark
BIO CAPITAL LIMITED

T: [REDACTED]
E: [REDACTED]
A: Granville Industrial Estate, Granville Rd, Granville, Dungannon BT70 1NJ

From: [REDACTED]
Sent: 05 November 2025 14:25
To: [REDACTED]
[REDACTED]
Cc: [REDACTED]
Subject: FW: Report of Odour - 28-29/10/25

Caution: This email originated from outside of your organisation. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi

Please see below.

Anything to report?

Thanks

[REDACTED]

From: [REDACTED]
Sent: 29 October 2025 09:43
To: [REDACTED]
Cc: [REDACTED]
Subject: Report of Odour - 28-29/10/25

Hi

We have received reports of offensive odour emanating from the Granville Industrial Estate.

The odour was first reported at 6.20pm 28th October 2025 and is still noticeable this morning 8.30am 29th October 2025.

Has your facility had any malfunction, maintenance or other issue which could have caused odour issues for the time in question?

Please investigate and report back your findings and include any odour assessment or other relevant information.

Regards

[REDACTED]

[REDACTED] [REDACTED]
Industrial Pollution and Radiochemical Inspectorate
Northern Ireland Environment Agency
17 Antrim Road
Lisburn
BT28 3AL
Tel: [REDACTED]

