

Site Visit Report

The site visit process is a sample on a particular day of an installation's compliance with some of its licence conditions. Where non-compliance against a particular condition has not been reported, this should not be construed to mean that there is full compliance with that condition of the licence.

Instructions and actions arising from the visit shall be addressed, or where applicable noted, by the licensee in order to ensure compliance, to improve the environmental performance of the installation and to provide clarification on certain issues.

The licensee shall take the actions specified to close out the non-compliances and observations raised in this Site Visit Report.

The licensee may also be requested to provide a response to the Environmental Protection Agency (hereafter referred to as the Agency) in relation to the site visit report findings.

Licensee	
Name of Installation	Inagh
Licensee	Clare County Council
Licence Register No.	W0109-02
CRO Number	
Site Address	Ballyduff Beg, Inagh, Clare
Site Visit Reference No.	SV31284

Report Detail	
Issue Date	13/01/2026
Prepared By	Rachel Barrett

Site Visit Detail			
Date Of Inspection	04/12/2025		
Time In	11:22	Time Out	14:55
EPA Inspector(s)	Jennifer Brady		
Additional Visitors	N/A		
Licensee Personnel and Role	N/A		

> Summary

Agency Inspectors carried out this site visit as part of the Agency's emissions monitoring programme. The monitoring report is attached.

The Licensee was found to be non-compliant with its Licence at the time of the Agency site visit. One non-compliance was recorded in relation to the maintenance and labelling of sampling and monitoring locations.

The issue raised requires action to be taken by the Licensee as specified in this report. The Licensee is required to submit a response to the non-compliance raised in this site visit report within 21 days of the date of issue of this report (using the 'Make a Response' link on the Site Visits page in EDEN), as outlined in the Follow-up Actions section of this report.

The Licensee is reminded that failure to comply with any condition attached to a licence or revised licence is an offence.

> Site Areas Inspected

Emissions monitoring points and/or sampling locations as specified in attached report.

> Documents Inspected

N/A

> 1. Site Specific Issues

	Answer	Condition Number	Non Compliance	Observation
1.1	Were all sampling and monitoring points maintained and clearly labelled?	No	9.10	Yes
Comment / Action Required				
The following sampling and monitoring points were not clearly labelled:				
<ul style="list-style-type: none">• Groundwater monitoring points BH8, BH6S and BH6D;• Storm water sampling points Outlet 1 and Outlet 2; and• Surface water sampling point SW11.				
In addition, the tubing used for collecting groundwater samples could not be removed from the borehole at monitoring point BH8 (Photograph 1 refers).				
This is non-compliant with Condition 9.10.				
A surface and groundwater monitoring locations check-sheet, requested by the Agency, was not provided by 19/12/2025 as required by Section 1.1 of Site Visit Report No. SV31810.				
Actions Required:				
<ul style="list-style-type: none">• Submit a completed copy of the surface and groundwater monitoring locations check-sheet as soon as possible and no later than 06/02/26 via Licensee Return in EDEN as a Monitoring Report; and• Comply with Condition 9.10 by repairing groundwater monitoring point BH8 prior to the next scheduled sampling event so that representative samples can be collected and labelling all sampling and monitoring points.				



Photograph 1: Tubing lodged in Groundwater Monitoring location BH8

EPA Laboratory Test Report

EPA Regional Inspectorate Castlebar
John Moore Road
Castlebar
Co. Mayo

Final

Report To: OEE Cork Office of Environmental Enforcement, EPA, Inniscarra, County Cork.	Project: EPA-25-02161 Report Number : 9119 Entity: W0109-02 Location/Site: Ballyduff Landfill Site Visit Number: SV31284
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Sample Number: 25-17273	Sampled Date: 04/12/2025 14:16:00
Sampling Point: W0109-SW2	Sampled By: J Brady
Description: Central waste Management Facility (Ballyduff Landfill) Clare - SW2	Replicate / Split: None
Sample Condition: Normal	Grab/Composite: Grab
	Received in Lab: 04/12/2025

Parameter	Result	Units	Limits	Measurement Uncertainty	Analysis Date	Lab	Method
Conductivity @25C (Field)	566	µS/cm		10%		CB	EPA_W27 *
Dissolved Oxygen	10.7	mg/l				CB	
Dissolved Oxygen	87	% saturation				CB	
pH (Field)	8.0	pH units		0.26pH units		CB	EPA_W27 *
Temperature	8.9	°C				CB	
Ammonia	<0.02	mg/l N		24%	05/12/2025	CB	EPA_W07 *
BOD	<1	mg/l O2		28%	05/12/2025	CB	EPA_W04 *
Chloride	47.4	mg/l		13%	05/12/2025	CB	EPA_W07 *
COD	56.0	mg/l O2		12%	05/12/2025	CB	EPA_W01 *
o-Phosphate	0.12	mg/l P		25%	05/12/2025	CB	EPA_W07 *
Suspended Solids	7	mg/l		17%	08/12/2025	CB	EPA_W03 *
Total Oxidised Nitrogen	1.1	mg/l N		18%	05/12/2025	CB	EPA_W07 *
Sulphate	30	mg/l		18%	16/12/2025	KK	EPA_W12 *

Comment:

Sample Number: 25-17274
Sampling Point: W0109-BH6S
Description: Central waste Management Facility (Ballyduffbeg Landfill) Clare - BH6S
Sample Condition: Normal

Sampled Date: 04/12/2025 12:52:00
Sampled By: J Brady
Replicate / Split: None
Grab/Composite: Grab
Received in Lab: 04/12/2025

Parameter	Result	Units	Limits	Measurement Uncertainty	Analysis Date	Lab	Method
Conductivity @25C (Field)	844	µS/cm		10%		CB	EPA_W27 *
Dissolved Oxygen	10.1	mg/l				CB	
Dissolved Oxygen	87	% saturation				CB	
pH (Field)	7.8	pH units		0.26pH units		CB	EPA_W27 *
Temperature	8.7	°C				CB	
Ammonia	0.048	mg/l N		24%	05/12/2025	CB	EPA_W07 *
Chloride	43.0	mg/l		13%	05/12/2025	CB	EPA_W07 *
o-Phosphate	0.018	mg/l P		25%	05/12/2025	CB	EPA_W07 *
Total Oxidised Nitrogen	<0.2	mg/l N		18%	05/12/2025	CB	EPA_W07 *
Sulphate	20	mg/l		18%	15/12/2025	KK	EPA_W12 *

Comment: No label on sample point.

Sample Number: 25-17275
Sampling Point: W0109-BH6D
Description: Central waste Management Facility (Ballyduffbeg Landfill) Clare - BH6D
Sample Condition: Normal

Sampled Date: 04/12/2025 12:35:00
Sampled By: J Brady
Replicate / Split: None
Grab/Composite: Grab
Received in Lab: 04/12/2025

Parameter	Result	Units	Limits	Measurement Uncertainty	Analysis Date	Lab	Method
Conductivity @25C (Field)	754	µS/cm		10%		CB	EPA_W27 *
Dissolved Oxygen	2.1	mg/l				CB	
Dissolved Oxygen	18	% saturation				CB	
pH (Field)	7.4	pH units		0.26pH units		CB	EPA_W27 *
Temperature	9.6	°C				CB	
Ammonia	0.34	mg/l N		24%	05/12/2025	CB	EPA_W07 *
Chloride	33.4	mg/l		13%	05/12/2025	CB	EPA_W07 *
o-Phosphate	0.013	mg/l P		25%	05/12/2025	CB	EPA_W07 *
Total Oxidised Nitrogen	<0.2	mg/l N		18%	05/12/2025	CB	EPA_W07 *
Sulphate	9.9	mg/l		18%	15/12/2025	KK	EPA_W12 *

Comment: No label on sample point.

Sample Number: 25-17276
Sampling Point: W0109-BH8
Description: Central waste Management Facility (Ballyduffbeg Landfill) Clare - BH8
Sample Condition:

Sampled Date: 04/12/2025
Sampled By: J Brady
Replicate / Split: N/A
Grab/Composite: N/A
Received in Lab: N/A

Parameter	Result	Units	Limits	Measurement Uncertainty	Analysis Date	Lab	Method
Sample Obtained?	No					CB	

Comment: No sample obtained, tubing stuck in borehole and not accessible.

Sample Number: 25-17277
Sampling Point: W0109-BH12S
Description: Central waste Management Facility (Ballyduffbeg Landfill) Clare - BH12S
Sample Condition:

Sampled Date: 04/12/2025
Sampled By: J Brady
Replicate / Split: N/A
Grab/Composite: N/A
Received in Lab: N/A

Parameter	Result	Units	Limits	Measurement Uncertainty	Analysis Date	Lab	Method
Sample Obtained?	No					CB	

Comment: No sample obtained.

Sample Number: 25-17278
Sampling Point: W0109-BH12D
Description: Central waste Management Facility (Ballyduffbeg Landfill) Clare - BH12D
Sample Condition:

Sampled Date: 04/12/2025
Sampled By: J Brady
Replicate / Split: N/A
Grab/Composite: N/A
Received in Lab: N/A

Parameter	Result	Units	Limits	Measurement Uncertainty	Analysis Date	Lab	Method
Sample Obtained?	No					CB	

Comment: No sample obtained.

Sample Number: 25-17294
Sampling Point: W0109-SW1A
Description: Central waste Management Facility (Ballyduffbeg Landfill) Clare - SW1A
Sample Condition: Normal

Sampled Date: 04/12/2025 11:32:07
Sampled By: J Brady
Replicate / Split: None
Grab/Composite: Grab
Received in Lab: 04/12/2025

Parameter	Result	Units	Limits	Measurement Uncertainty	Analysis Date	Lab	Method
Conductivity @25C (Field)	400	µS/cm		10%		CB	EPA_W27 *
Dissolved Oxygen	10.8	mg/l				CB	
Dissolved Oxygen	89	% saturation				CB	
pH (Field)	7.4	pH units		0.26pH units		CB	EPA_W27 *
Temperature	7.2	°C				CB	
Ammonia	0.022	mg/l N		24%	05/12/2025	CB	EPA_W07 *
BOD	<1	mg/l O2		28%	05/12/2025	CB	EPA_W04 *
Chloride	28.4	mg/l		13%	05/12/2025	CB	EPA_W07 *
COD	42.0	mg/l O2		12%	05/12/2025	CB	EPA_W01 *
o-Phosphate	0.030	mg/l P		25%	05/12/2025	CB	EPA_W07 *
Suspended Solids	<4	mg/l		17%	08/12/2025	CB	EPA_W03 *
Total Oxidised Nitrogen	0.33	mg/l N		18%	05/12/2025	CB	EPA_W07 *
Sulphate	6.0	mg/l		18%	15/12/2025	KK	EPA_W12 *

Comment:

Sample Number: 25-17295
Sampling Point: W0109-OUTLET1
Description: Central waste Management Facility (Ballyduffbeg Landfill) Clare - Outlet1
Sample Condition: Normal

Sampled Date: 04/12/2025 11:46:07
Sampled By: J Brady
Replicate / Split: None
Grab/Composite: Grab
Received in Lab: 04/12/2025

Parameter	Result	Units	Limits	Measurement Uncertainty	Analysis Date	Lab	Method
Conductivity @25C (Field)	396	µS/cm		10%		CB	EPA_W27 *
Dissolved Oxygen	11.6	mg/l				CB	
Dissolved Oxygen	95	% saturation				CB	
pH (Field)	7.8	pH units		0.26pH units		CB	EPA_W27 *
Temperature	6.8	°C				CB	
Ammonia	<0.02	mg/l N		24%	05/12/2025	CB	EPA_W07 *
BOD	<1	mg/l O2		28%	05/12/2025	CB	EPA_W04 *
Chloride	20.4	mg/l		13%	05/12/2025	CB	EPA_W07 *
COD	36.0	mg/l O2		12%	05/12/2025	CB	EPA_W01 *
o-Phosphate	0.020	mg/l P		25%	05/12/2025	CB	EPA_W07 *
Suspended Solids	<4	mg/l		17%	08/12/2025	CB	EPA_W03 *
Total Oxidised Nitrogen	0.21	mg/l N		18%	05/12/2025	CB	EPA_W07 *
Sulphate	18	mg/l		18%	15/12/2025	KK	EPA_W12 *

Comment: No label on sample point.

Sample Number: 25-17296
Sampling Point: W0109-SW11
Description: Central waste Management Facility (Ballyduffbeg Landfill) Clare - SW11
Sample Condition: Normal

Sampled Date: 04/12/2025 13:57:07
Sampled By: J Brady
Replicate / Split: None
Grab/Composite: Grab
Received in Lab: 04/12/2025

Parameter	Result	Units	Limits	Measurement Uncertainty	Analysis Date	Lab	Method
Conductivity @25C (Field)	216	µS/cm		10%		CB	EPA_W27 *
Dissolved Oxygen	10.7	mg/l				CB	
Dissolved Oxygen	90	% saturation				CB	
pH (Field)	8.1	pH units		0.26pH units		CB	EPA_W27 *
Temperature	7.0	°C				CB	
Ammonia	<0.02	mg/l N		24%	05/12/2025	CB	EPA_W07 *
BOD	<1	mg/l O2		28%	05/12/2025	CB	EPA_W04 *
Chloride	25.1	mg/l		13%	05/12/2025	CB	EPA_W07 *
COD	41.0	mg/l O2		12%	05/12/2025	CB	EPA_W01 *
o-Phosphate	0.037	mg/l P		25%	05/12/2025	CB	EPA_W07 *
Suspended Solids	4	mg/l		17%	08/12/2025	CB	EPA_W03 *
Total Oxidised Nitrogen	0.45	mg/l N		18%	05/12/2025	CB	EPA_W07 *
Sulphate	7.0	mg/l		18%	16/12/2025	KK	EPA_W12 *

Comment: No label on sample point.

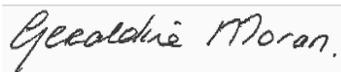
Sample Number: 25-17297
Sampling Point: W0109-OUTLET2
Description: Central waste Management Facility (Ballyduffbeg Landfill) Clare - Outlet 2
Sample Condition: Normal

Sampled Date: 04/12/2025 14:45:07
Sampled By: J Brady
Replicate / Split: None
Grab/Composite: Grab
Received in Lab: 04/12/2025

Parameter	Result	Units	Limits	Measurement Uncertainty	Analysis Date	Lab	Method
Conductivity @25C (Field)	428	µS/cm		10%		CB	EPA_W27 *
Dissolved Oxygen	11.0	mg/l				CB	
Dissolved Oxygen	94	% saturation				CB	
pH (Field)	8.0	pH units		0.26pH units		CB	EPA_W27 *
Temperature	8.6	°C				CB	
Ammonia	<0.02	mg/l N		24%	05/12/2025	CB	EPA_W07 *
BOD	<1	mg/l O2		28%	05/12/2025	CB	EPA_W04 *
Chloride	13.9	mg/l		13%	05/12/2025	CB	EPA_W07 *
COD	<20	mg/l O2		12%	05/12/2025	CB	EPA_W01 *
o-Phosphate	0.011	mg/l P		25%	05/12/2025	CB	EPA_W07 *
Suspended Solids	9	mg/l		17%	08/12/2025	CB	EPA_W03 *
Total Oxidised Nitrogen	<0.2	mg/l N		18%	05/12/2025	CB	EPA_W07 *
Sulphate	27	mg/l		18%	16/12/2025	KK	EPA_W12 *

Comment: No label on sample point.

Report Approved By:



Ger Moran - Regional Quality Manager

Results in bold are outside specified limits, not taking account of measurement uncertainty. * Indicates accredited method. nm = not measured, nr = not reported, vob = visible on bottom. The temperature reading of a **composite** sample is provided to allow the interpretation of the field pH result only.

Field Measurements are performed on the date of sampling. Results relate only to the item tested as received.

This test report shall not be reproduced except in full without approval of the laboratory.

FOLLOW-UP ACTIONS

The licensee is required to complete the actions outlined in this site visit report within the specified timeframes. Where required, the licensee shall also respond to actions specified in Compliance Investigations and/or submit a response to this site visit report via the EDEN system. The licensee shall maintain a documentary evidence, for review by the Agency, that the prescribed actions were completed within the required timeframe.

(i) Compliance Investigations

The Agency may generate a Compliance Investigation through the EDEN system and issue instructions and actions to the licensee. The licensee will receive notification when an instruction or action is issued and the licensee must respond to the actions within the Compliance Investigation within the specified timeframe.

(ii) Response to Site Visit Report

Where the licensee is requested to (or wishes to) respond to the Agency in relation to this site visit report, the licensee may select the 'Make a Response' link on the Site Visits page in EDEN where a .pdf document containing the response can be attached and submitted. The response should include details of the actions taken by the licensee to address the issues raised in this site visit report and the target completion dates. This Licensee Public Response provides the licensee with an opportunity to inform both the Agency and the public about the implementing of actions set out in the Agency site visit report. The response must be submitted **within 21 calendar days** of the issue date of this site visit report.

(iii) Publication of Reports

This site visit report will be published on the EPA's website, www.epa.ie, 30 calendar days after the site visit report issue date.

Any licensee response to this site visit report will be published on the EPA's website simultaneously (i.e. 30 calendar days after the site visit report issue date).

Please note that licensees are required to comply with the conditions of the licence at all times, and where non-compliance occurs, compliance must be restored within the shortest possible time. These actions will be verified during subsequent Agency visits. Please quote the above Inspection Reference Number in any correspondence in relation this Report.