

# 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	
<b>Name of Installation</b>	Lower Liffey Valley Regional Sewerage Scheme
<b>Licensee</b>	Irish Water
<b>Licence Register No.</b>	D0004-02
<b>CRO Number</b>	
<b>Site Address</b>	Kildare
<b>Site Visit Reference No.</b>	SV25651

Report Detail	
<b>Issue Date</b>	29/06/2022
<b>Prepared By</b>	Jonathon Hughes

Site Visit Detail			
<b>Date Of Inspection</b>	10/06/2022		
<b>Time In</b>	12:20	<b>Time Out</b>	15:05
<b>EPA Inspector(s)</b>	Jonathon Hughes		
<b>Additional Visitors</b>			
<b>Licensee Personnel and Role</b>	Irish Water: John Morris  Kildare County Council (working in partnership with Irish Water under Service Level Agreement): Justin Dunne, John Birchall & Philip Quinn		

## > Summary

An EPA Inspector carried out a site inspection in the vicinity of the Rye River, Leixlip on 10/06/2022 to follow up on a fish kill that occurred on or around 08/06/2022 and to investigate if the fish kill was caused by waste water discharges from the public waste water sewerage system.

The findings of the site inspection are outlined in Section 1.1 of this report.

## > Site Areas Inspected

- Rye River Leixlip
- Public waste water sewerage system in the vicinity of the Rye River (Irish Water responsibility)
- A surface water storm drain in the catchment (Kildare County Council responsibility)

## > Documents Inspected

- Network maps

## > 1. Site Specific Issues

		Answer	Condition Number	Non Compliance	Observation
1.1	Site investigation 10/06/2022	Checked			
Comment / Action Required					

An EPA Inspector carried out a site inspection in the vicinity of the Rye River, Leixlip on 10/06/2022 to follow up on a fish kill that occurred on or around 08/06/2022 and to investigate if the fish kill was caused by waste water discharges from the public sewerage system.

The EPA Inspector observed dead fish in the Rye River at a number of locations including at Distillery Lane, upstream of the aqueduct, at the bridge on Main Street and from the promenade walk to the confluence with the River Liffey. Live fish were observed in the River Liffey further downstream in Leixlip town. No sewage related gross solids or litter were observed by the EPA Inspector in the Rye River at the locations visited.

The EPA Inspector did detect a sewage type odour from a surface water storm drain discharge and drainage ditch upstream of the aqueduct. The storm drain discharge was grey and cloudy and was to a small drainage ditch which flowed for approximately 400-500m to the Rye River. This location was heavily vegetated with scrubland and was not easily accessible. A sewage odour and sewage fungus type growth was observed at the storm drain discharge which suggested the storm drain may from time to time contain sewage. This type of growth is indicative of excess nutrients. There were no deposits of gross solids or sewage litter such as rags or sanitary products at the location.

Where the drainage ditch discharges to the Rye River the river was turbulent and cloudy both upstream and downstream. There were intermittent bursts of heavy rainfall at this time. No sewage odour, gross solids or litter were detected in the Rye River at this location.

Irish Water's representatives advised investigations were on-going and sewer dye testing and CCTV surveys were being organised to determine if there were any issues with the public sewerage system. Irish Water's representatives advised no foul sewer blockages, overflows or pumping station breakdowns were detected.

The EPA Inspector instructed Irish Water's representatives to investigate and closely monitor the public sewerage system to determine if there are any issues with the works, liaise with other authorities and keep them and the EPA up to date on investigations. Irish Water's representatives were reminded of the requirement to implement corrective actions should any issues arise or be identified.

## **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 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 30 calendar days** of the issue date of this site visit report.

### **(iii) Publication of Reports**

The site visit report will be made available for public viewing via the Agency's Licence Enforcement Access Portal (LEAP), within one day of the issue date. The Site Visit Report and the Licensee Public Response will also be published on the Agency's website, [www.epa.ie](http://www.epa.ie), 60 calendar days after the site visit report issue date (on the Licence Details Page for the relevant licence).

**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.**