

From: EIR Compliance

To:

Subject: 20260507 – EIR – No data held

Date: 07 May 2026 11:21:00

Reference Number: **EIR**

Dear

We refer to your request for Environmental information submitted to Yorkshire Water dated 15 April 2026:

"I am writing to formally request information regarding the impact of the proposed Calderdale Energy Park (34 turbines, 200m height) on the drinking water catchments of Walshaw Dean and Widdop Reservoirs.

Specifically, I am inquiring whether your risk registers for the South Pennine catchments have been updated to account for Leading-Edge Erosion (LEE) from industrial wind turbines.

The Technical Concern:

Modern 200m-tall turbines have blade-tip speeds exceeding 180mph. At these velocities, hailstones and raindrops "sandblast" the epoxy resins and polyurethane coatings from the blades. This process, known as LEE, results in "Plastic Rain"—the shedding of micro-plastics and endocrine disruptors (such as Bisphenol A / BPA) directly into the open water catchments and peatland "sponges" that feed the local drinking water supply.

Request for Clarification:

Has an assessment been conducted on the cumulative chemical fallout from 34 high-velocity turbines over a 25-year operational lifespan?

What "safe limit" has been established for BPA contamination in the Walshaw Dean and Widdop catchments?

Does the Environment Agency consider the shedding of synthetic polymers into a Special Area of Conservation (SAC) to be a breach of the Water Framework Directive?

The community requires a public guarantee that our water security will not be sacrificed for foreign private equity.

The data protection team have conversed with the business and have established we do not hold any of the requested data in relation to BPA, as we do not currently test for BPA. As such for the purposes of paragraph 12(4) a public authority may refuse to disclose information to the extent that (a) it does not hold that information when an applicant's request is received. We recently provided a response to an EIR request for BPA, which is published on our EIR disclosure log: [Yorkshire Water – Environmental information request \(EIR\) disclosure log](#) PIER 125, for further information.

With regards to the risk registers for the South Pennine catchments been updated to account for Leading-Edge Erosion (LEE) from industrial wind turbines. We do have a catchment risk assessment approach, including physical inspection of sites. During our inspections will attempt to identify any potential source of contamination that could result in an impact on supply of drinking water. We have not identified wind turbines as a

significant risk to drinking water supplies and they are not recorded on our risk register.

We trust that the provision of this data satisfies your request. In accordance with the Environmental Information Regulations 2004, if you are not satisfied with this reply to your request you can ask for an internal review. A request for an internal review must be submitted within 40 working days by contacting the Data Protection Team.

Thank you for contacting Yorkshire Water.

Yours sincerely,

Data Protection Team

Email: EIR@Yorkshirewater.co.uk