

REFERENCE

2425181

RELEASE DATE

July 2024

SUBJECT

Wastewater Discharges to Antrim Wastewater Treatment Works

REQUESTS & RESPONSES

1. *Do discharges via the sewage system at Antrim Area Hospital drain solely to the Antrim Wastewater Treatment Works?*

Any connections from Antrim Area hospital will discharge into the sewerage network on the Bush Road which will gravitate to Antrim WwTW for treatment.

2. *Is the waste sludge from Antrim Wastewater Treatment Works sent for incineration or repurposed for agricultural use?*

All Sludge at Antrim WwTW is dewatered to produce Sludge Cake which is taken to the incinerator for incineration.

3. *Is some of the wastewater from Antrim Wastewater Treatment Works used for irrigation or does it all flow directly into Lough Neagh?*

Wastewater effluent which discharges to Antrim WwTW is treated in accordance with the Water Order Consent and Final treated effluent discharges to Lough Neagh.

4. *What is the flow rate of wastewater from Antrim Wastewater Treatment Works into Lough Neagh?*

The average flow rate of treated wastewater effluent, from Antrim WwTW into Lough Neagh during the Month of May was 150l/s, as permitted under the Water order Consent.

5. *Are NI Water or NI Water contractors aware of any wastewater distribution models for the dispersion of wastewater in Lough Neagh?*

NI Water are not aware of wastewater dispersion modelling in Lough Neagh. You may wish to contact AFBI to understand if this modelling may be being progressed by other bodies. <https://www.afbini.gov.uk/contact-us>

6. *What is the daily dry weather flow (DWF) rate through the Antrim Waste Water Treatment Works?*

Daily DWF is not recorded – Full Flow to Treatment and FA1 flows are recorded and sent to the NI Environment Agency on a monthly basis. The consented daily DWF for Antrim Wastewater Treatment Works is 14462m³/day (cubic metres per day).