

AA SCREENING DETERMINATION

Of

054 Mallow Zone 4 Water Supply Zone, Lead in Drinking Water Mitigation Plan, Co. Cork.

In accordance with Article 6(3) of the EU Habitats Directive (Directive 92/43/EEC) and Regulation 42(1) of the European Communities (Birds and Natural Habitats) Regulations 2011 as amended, Irish Water has undertaken Appropriate Assessment screening to assess, in view of best scientific knowledge and the conservation objectives of the site, if the project, individually or in combination with other plans or projects is likely to have a significant effect on European Site(s).

The proposed project involves the installation of an Orthophosphate dosing unit and pH control facilities at Mallow Water Treatment Plant. The proposed project includes the installation of a banded phosphoric acid storage tank, housed dosing installations, facilities to raise the pH of the water to the recommended pH of 8.0, and associated works within the site boundary of Mallow Water Treatment Plant. The scope of the operational works includes the dosing of Orthophosphate to treated water at Mallow Water Treatment Plant.

In this context, particular attention was paid to the European Site(s) listed below:

- *Blackwater River (Cork/Waterford) SAC (002170)*

In accordance with Regulation 42(7) of the European Communities (Birds and Natural Habitats) Regulations 2011 as amended, **Irish Water has made a determination following screening that an Appropriate Assessment is not required** as the project is not directly connected with or necessary to the management of the sites as European site(s) and **as it can be excluded**, on the basis of objective information and in light of the conservation objectives of the relevant European Site(s), **that the project, individually or in combination with other plans and projects, would have a significant effect on a European Site.**

This determination is based on the nature, location, scale and duration of the proposed works, including any temporary works and excludes any consideration of mitigation measures.

Full records of the assessment, reports, surveys, consultations, and observations are held by the competent authority and available for public review as requested.

Signed:



JOHN CASEY

CHIEF TECHNICAL ADVISOR

DATE: 9th June 2023