



Stranooden

Group Water Scheme

SOURCE PROTECTION

“Protecting your water at its source, to ensure a high-quality drinking water supply”.



Chemical Based Solution



Nature Based Solution

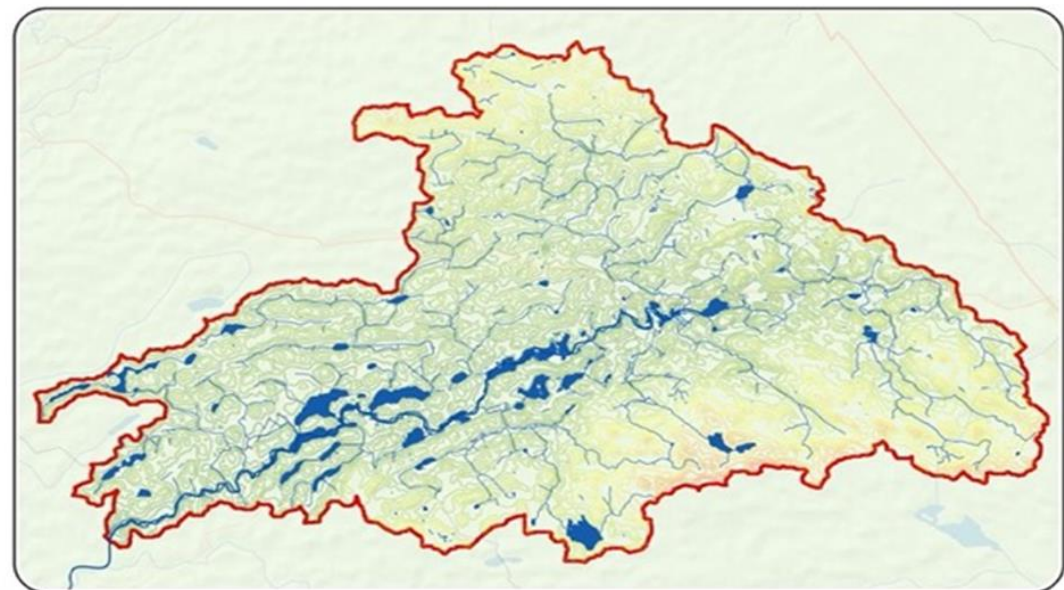
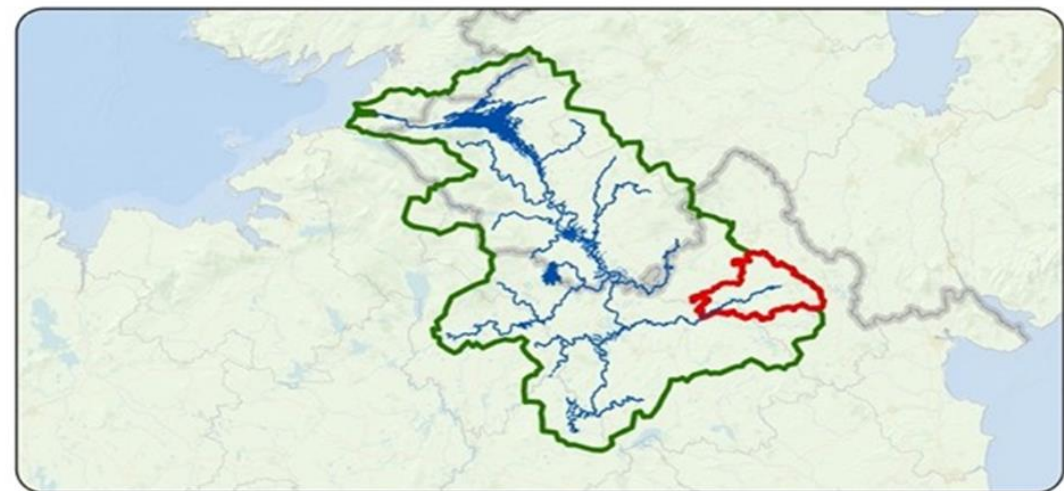


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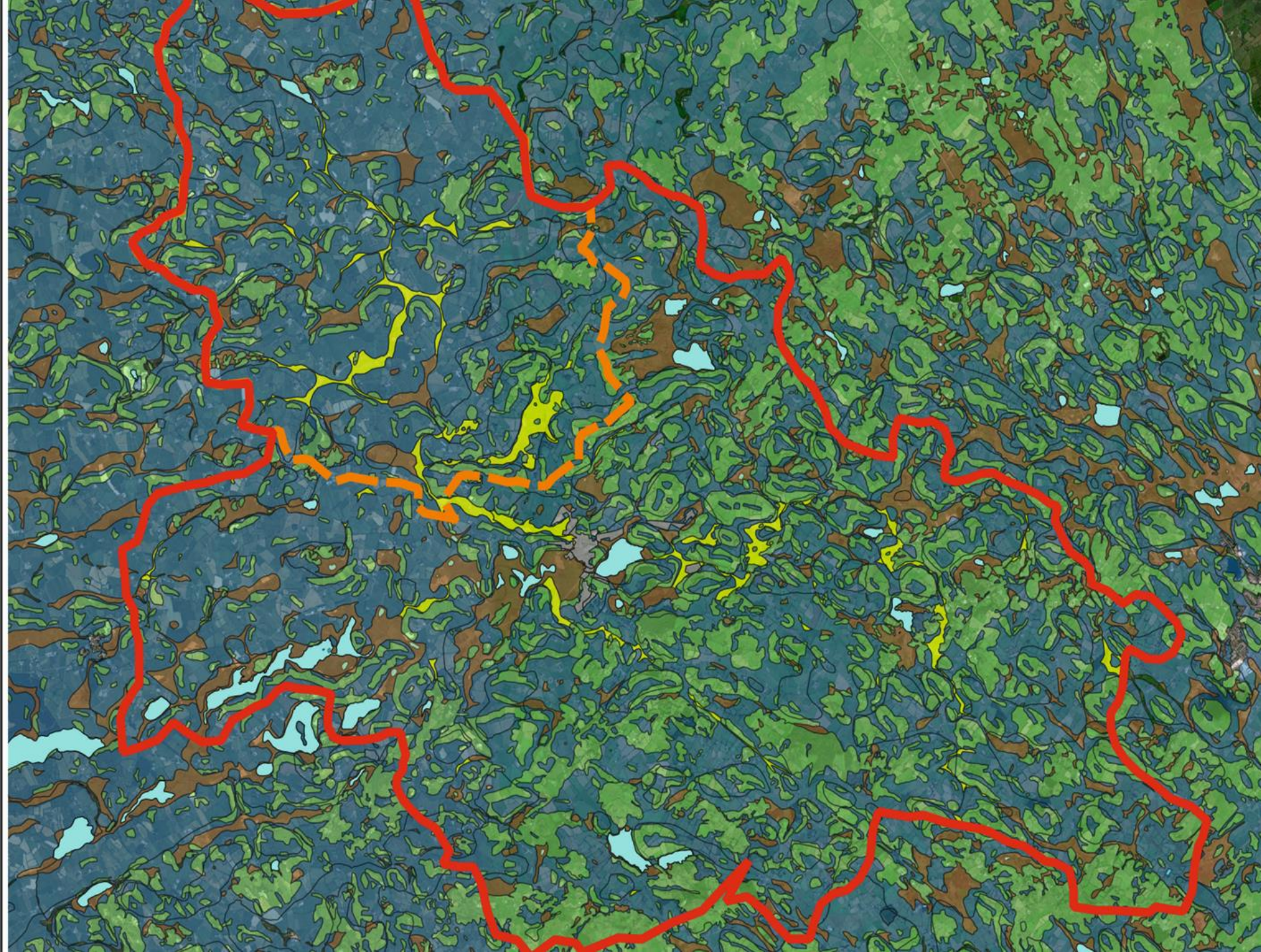
Clean Water, Great Health!



Dromore River Catchment in Context



This map has been produced by Dominic Robinson GeoSpatial Consultancy as part of the Dromore River Catchment Project led by The Irish Wildlife Trust, Monaghan Branch and funded by the Heritage Council Community Grant Scheme and NPWS © 2024 IWT



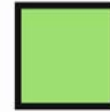
White Lough Catchment
Boundary



Derryvalley Sub-catchment
Boundary



Poorly Drained



Well Drained



Alluvium



Peat



Made Ground

PROJECT:

Stranooden GWS Phase II Source
Protection Pilot Project - Final Report

TITLE:

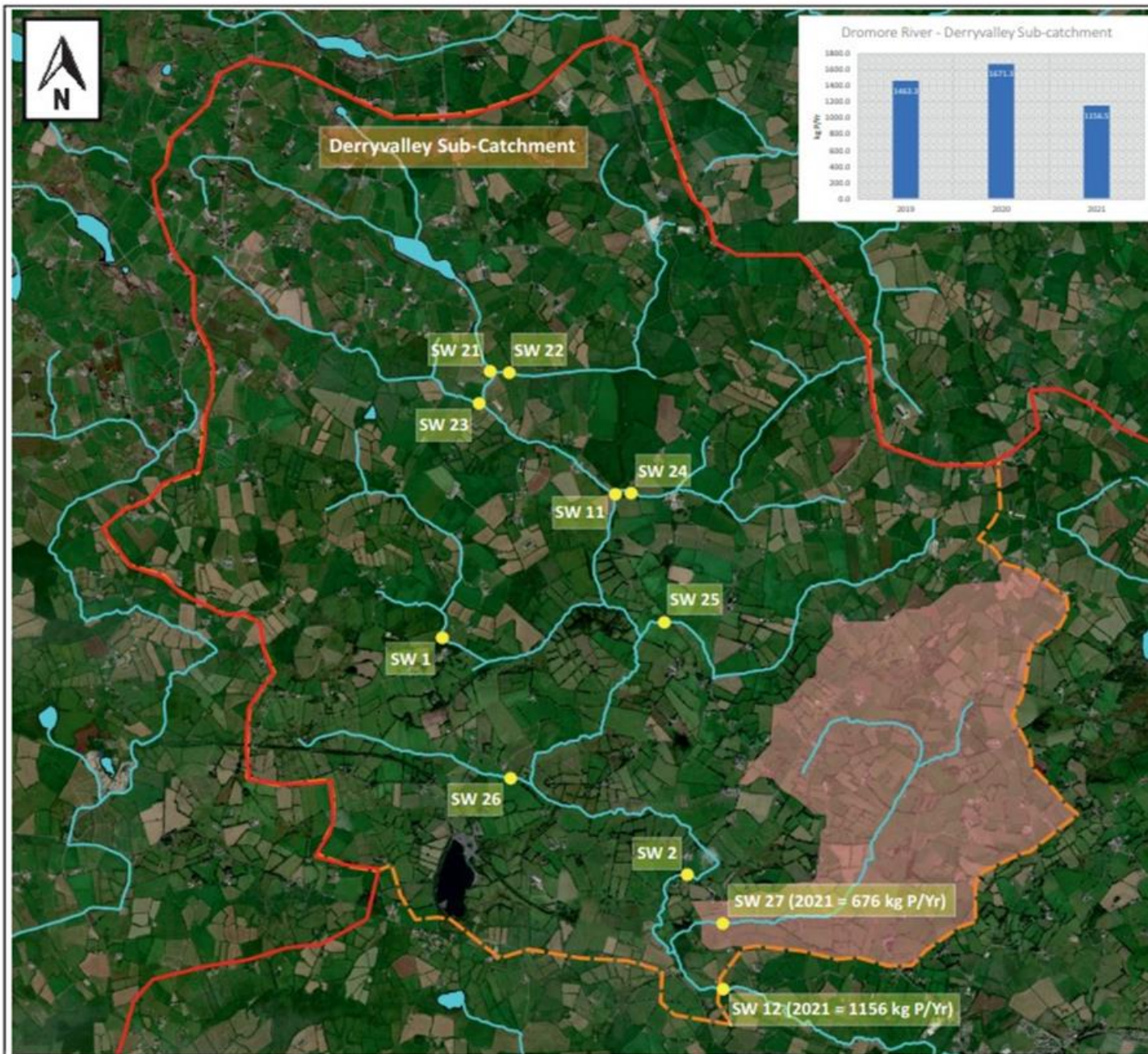
National Soils Hydrology Map of
the White Lough Catchment

SCALE:

1:65 000@A3

DRAWN BY:

PMcC



The Whole Annamacneill Stream

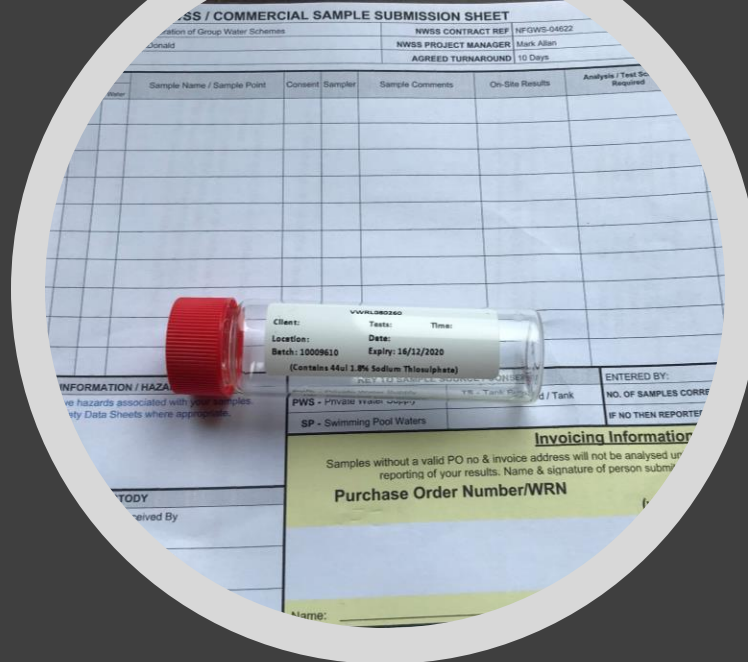




Dromore River Catchment Mapping Project

IWT Monaghan, Friends of the Dromore & Stranooden GWS

Community mapping of the Dromore river, Co. Monaghan as a potential biodiversity corridor.



PESTICIDES, GENERAL CHEMICAL &
MICROBIOLOGICAL PARAMETERS

SAMPLING





Getting Beyond the Cattle Grid



Smart Buffer Zones

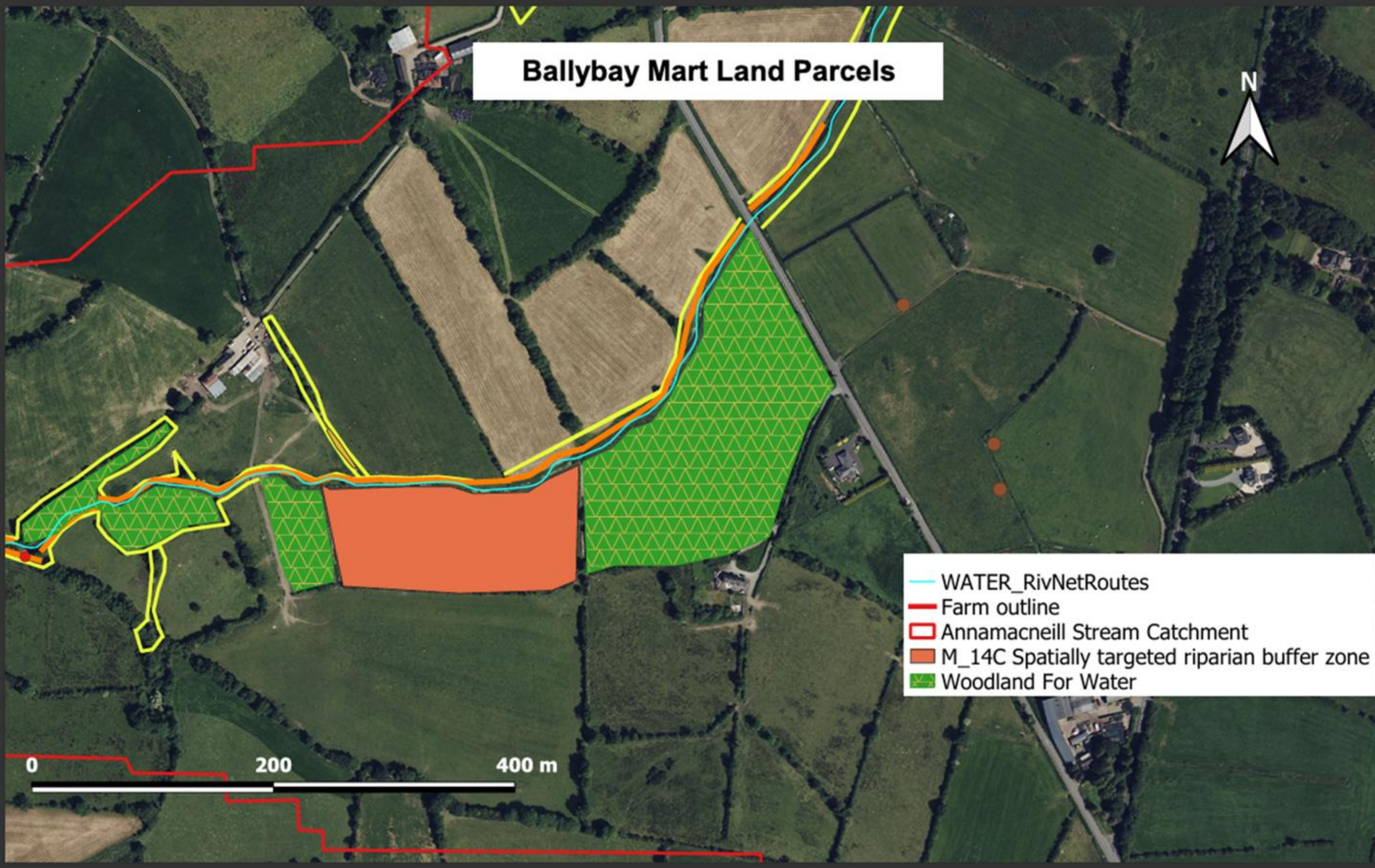


Ballybay Mart Land Parcels



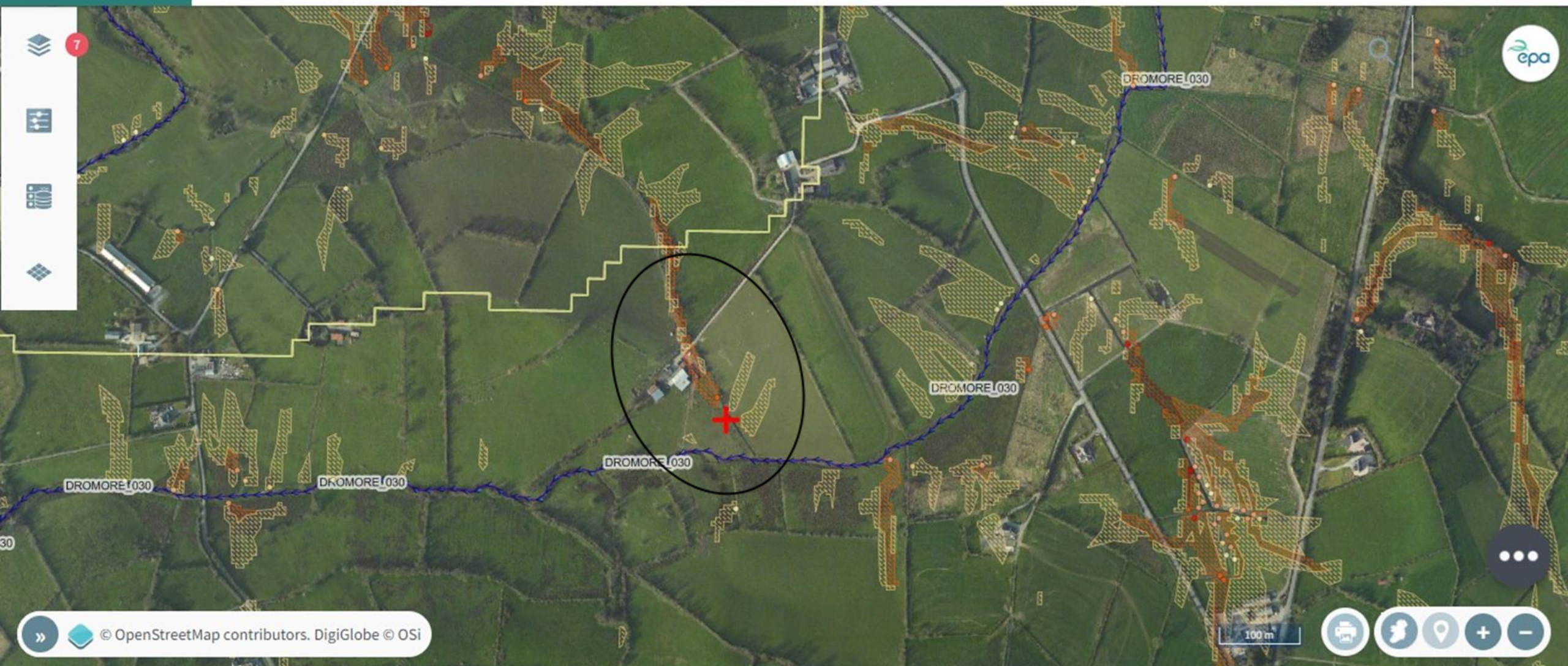
- WATER_RivNetRoutes
- Farm outline
- Annamacneill Stream Catchment
- M_14C Spatially targeted riparian buffer zone
- Woodland For Water

0 200 400 m



Water

- WATER, LAND & SOIL
- PROTECTED AREAS
- MONITORING & FLOW
- STATUS & RISK
- PRESSURES & ACTIVITIES
- TAKING ACTION





PONDS ON PIPP,s

Newly constructed Pond



Pond today





Willow Buffer Zones





SOURCE PROTECTION PROJECT





Pollution Potential Points





**22KM FENCING,
8.335KM HEDGEROW,
2.050KM BANK
EROSION REPAIR,
5580M² WILLOW
BUFFER, 8 Reed
bed/willow ponds**

Phosphate Mitigation Measures

Community Measures



Septic Tank Project





Name: **White Rockcorry**

Subcatchments: [36 10 Dromore SC 020](#)

Latitude: **54.11339**

Cycle 1 RBD: **North Western**

Waterbody Category: **Lake**

Protected Area: **Yes**

Heavily Modified: **No**

Area (Km²): **0.53**

Transboundary: **No**

Chemistry Data: [Download](#)

Code: **IE_NW_36_647**

Catchments: [36 Erne](#)

Longitude: **-6.97441**

Local Authority: **Monaghan County Council**

WFD Risk: **At risk**

High Status Objective: **No**

Artificial: **No**

Length (Km): **N/A**

Reservoir: **Not a reservoir**

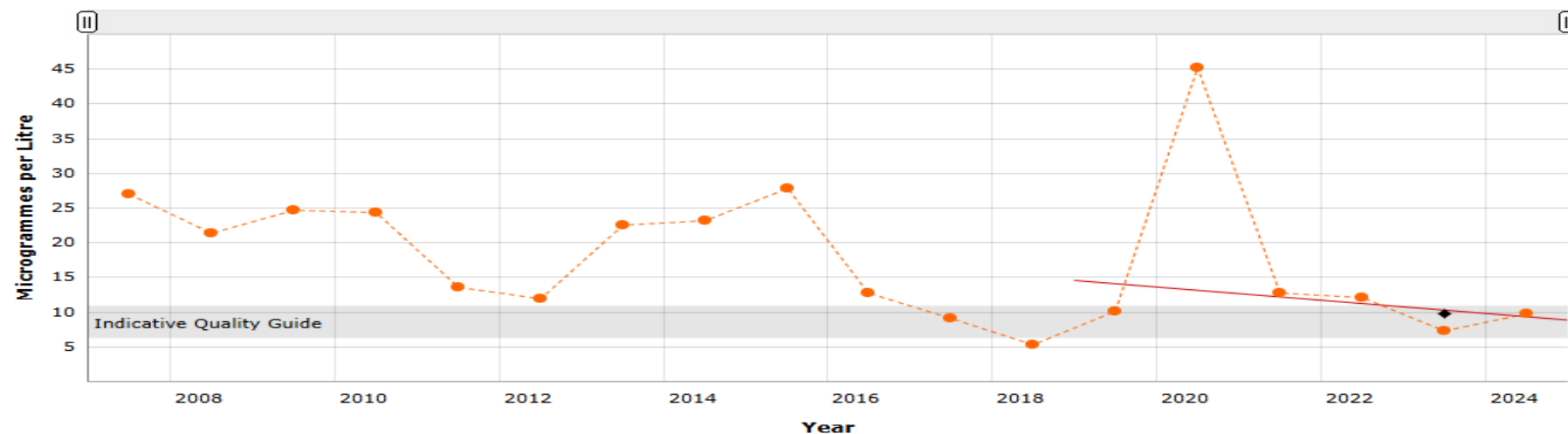
☒ Chlorophyll

Annual

Good

Downwards

Far



Trend Data



Ballybay

The acceleration of Nature-based Solutions' (NbS) uptake and integration often hinges not only on the tangible benefits derived from natural resources but also on the recognition of intangible benefits, such as community well-being, with academic assessments of their value. This is what the pilot in the Ballybay catchment in County Monaghan in the North-east of Ireland (Dromore River) is about.

Research/background

DkIT will play a pivotal role in this project, drawing from their extensive knowledge on Lake and Catchment Management, Agri-environmental Research, Water, Communities and Development, coupled with experience gained from a number of large-scale projects addressing complex cross-

An aerial photograph of a rural landscape. In the foreground, a dense, dark green forest covers a hillside. A small, winding river flows through the forest. To the right of the forest, a bright green grassy field slopes down. In the background, rolling green hills are dotted with small houses and trees under a blue sky with scattered clouds.

**Thank You for
Your Attention**