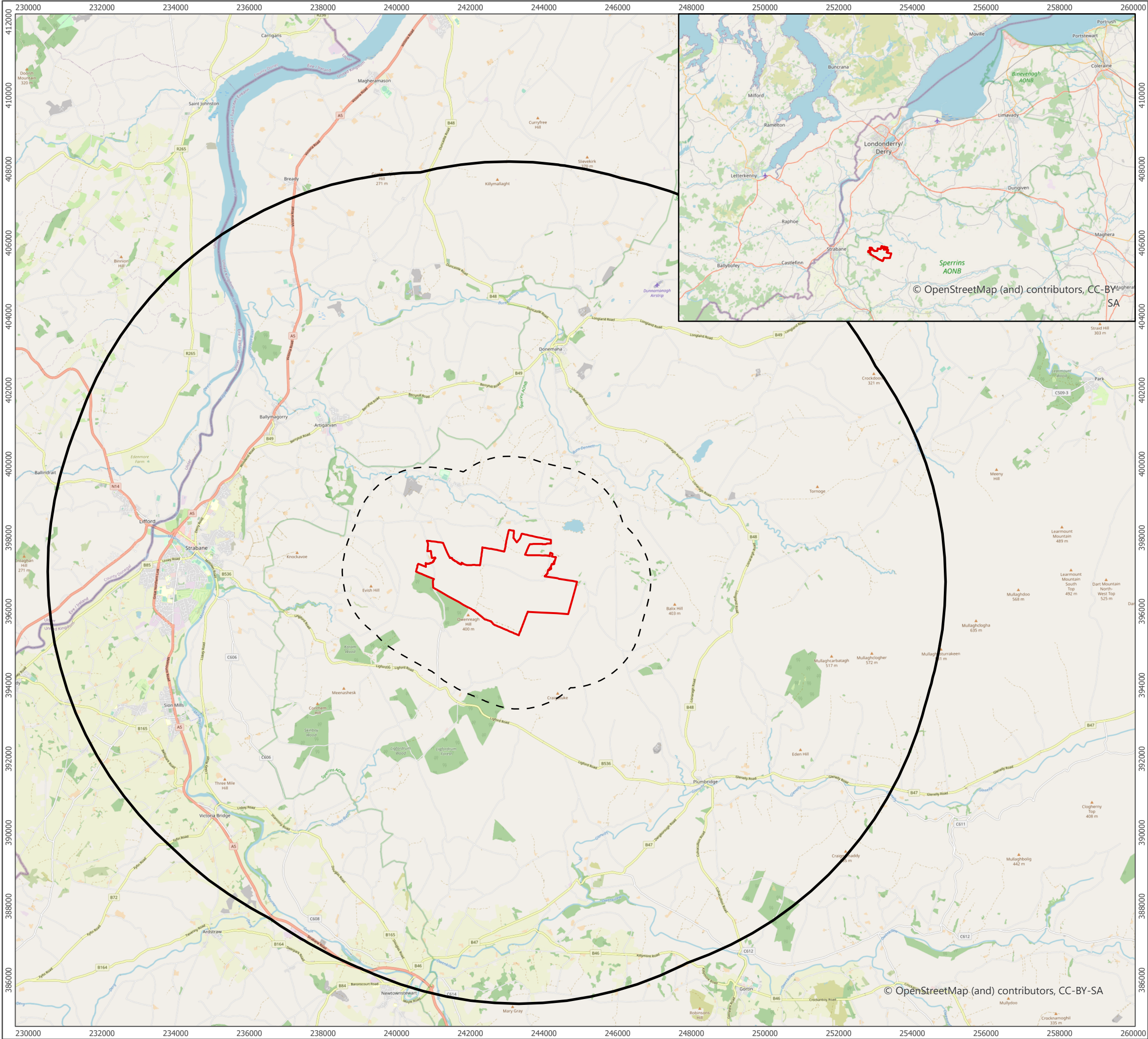




Y:\GIS-CAD\GIS\Hydrology\Projects\4172 Owenreagh Wind Farm\4172 Owenreagh Wind Farm.aprx\4172-REP-053 Fig 8.1 Hydrological Study Areas



Core Hydrological Study Area

2 km PWS Study Area

10 km Wider Study Area

1:100,000 Scale @ A3

0

2.5

5 km

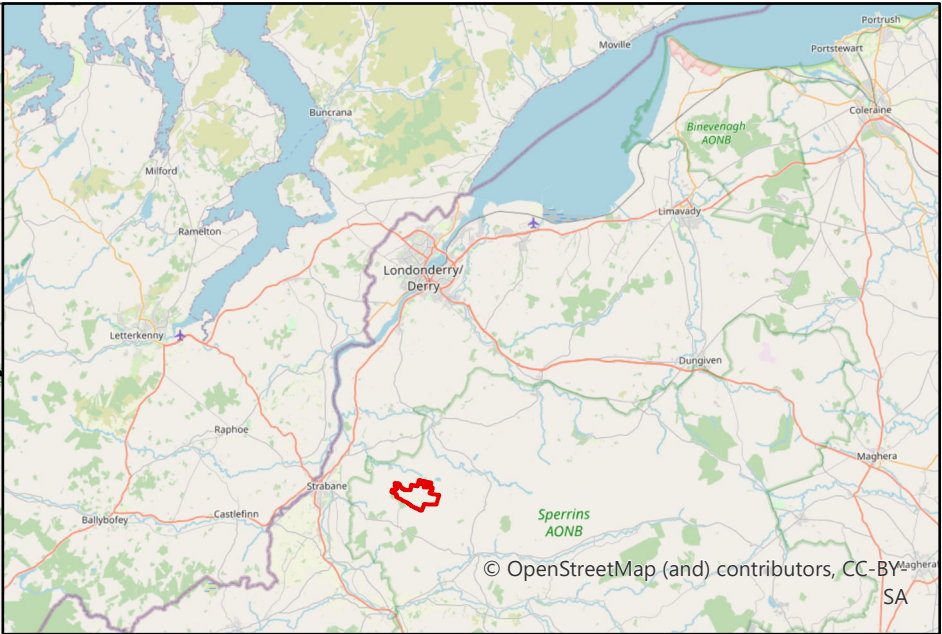
NORTH

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Checked By: SC	Date: 7/4/2023

Hydrological Study Areas

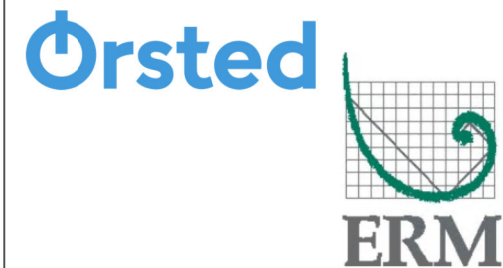
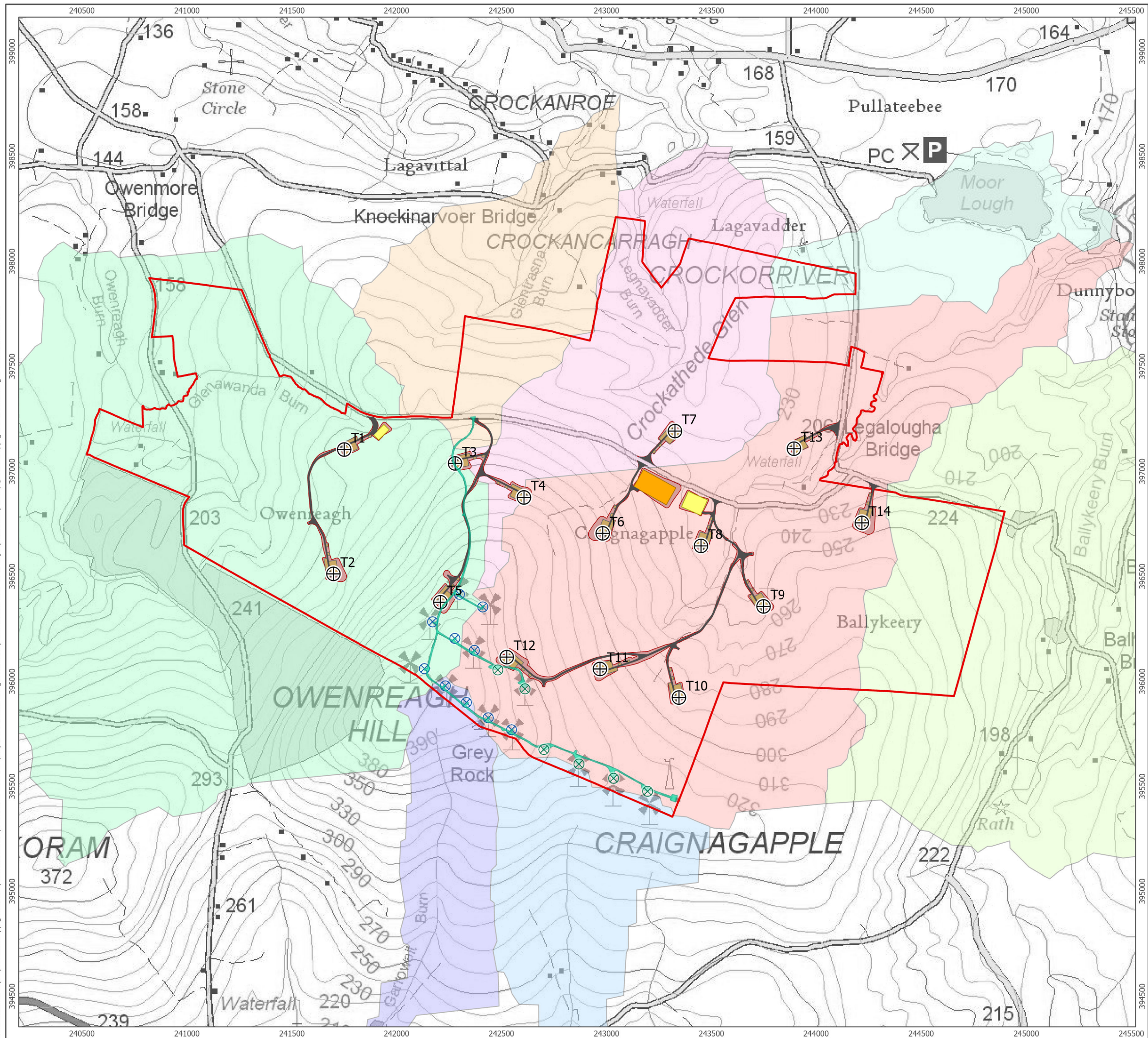
Figure 8.1

Owenreagh / Craignagapple Wind Farm
Environmental Statement



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- Core Hydrological Study Area
- Turbine Locations
- Access Tracks
- Substation
- Crane hardstanding
- Construction Compound
- Earthworks
- Operational Owenreagh I
- Operational Owenreagh II
- As Built Site Roads & Hardstands
- Catchments
 - Ballykeery Burn
 - Douglas Burn Tributary East
 - Dunnyboe Burn Tributary
 - Garrowall Burn
 - Glentransa Burn
 - Legnavadder Burn
 - Moor Lough
 - Owenreagh Burn

1:17,500 Scale @ A3

0 250 500 Meters

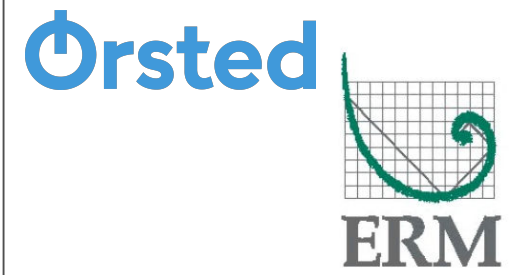
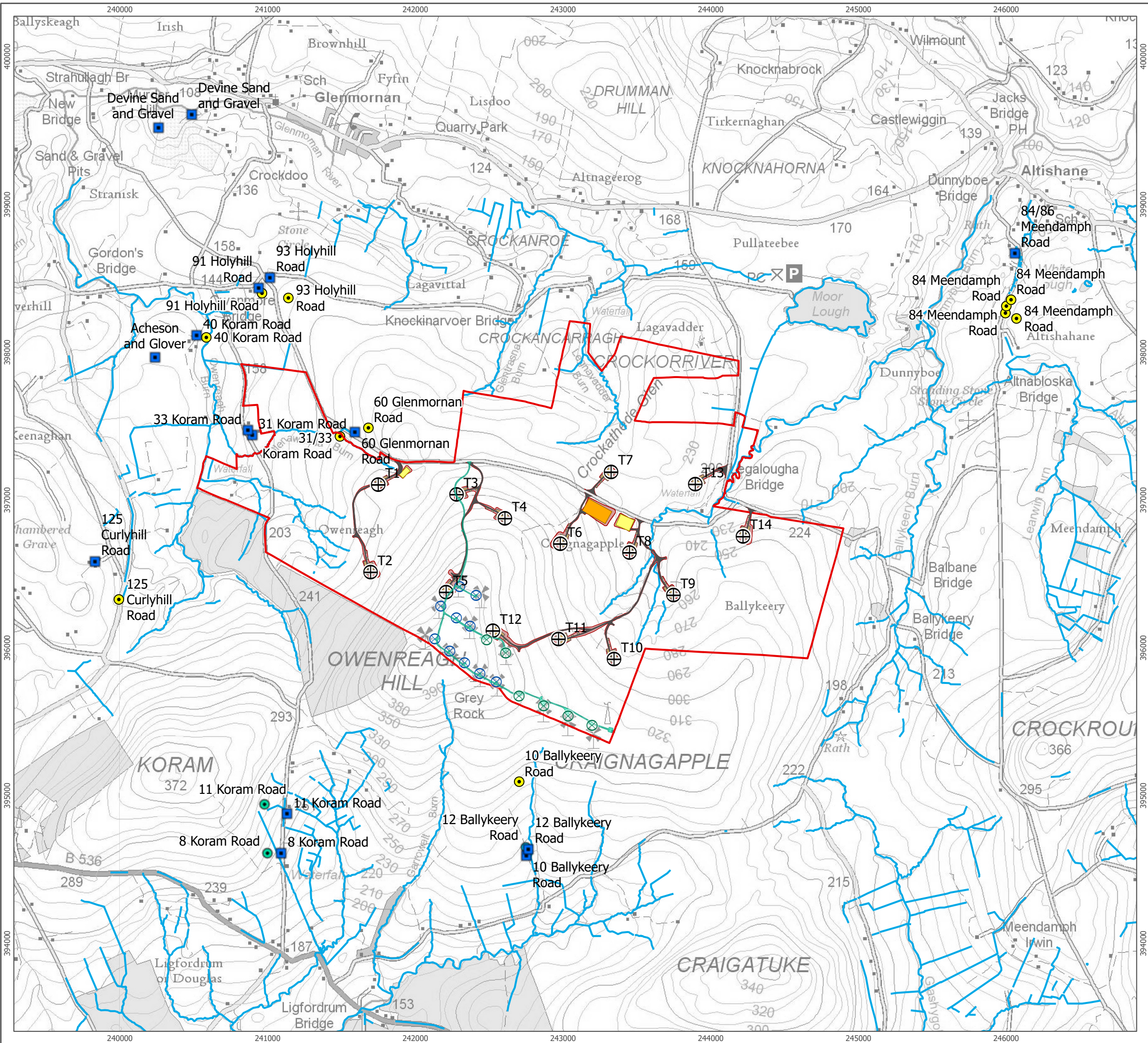
Produced By: CG Ref: 4172-REP-054

Checked By: SC Date: 03/07/2023

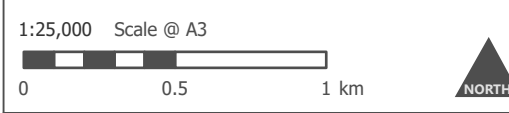
Hydrological Catchments Figure 8.2

Owenreagh / Craignagapple Wind Farm Environmental Statement

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- Core Hydrological Study Area
- Turbine Locations
- Access Tracks
- Substation
- Crane hardstanding
- Construction Compound
- Earthworks
- Operational Owenreagh I
- Operational Owenreagh II
- As Built Site Roads & Hardstands
- Private Water Supplies
- Source Type
 - Borehole
 - Spring
 - Well
- Watercourse

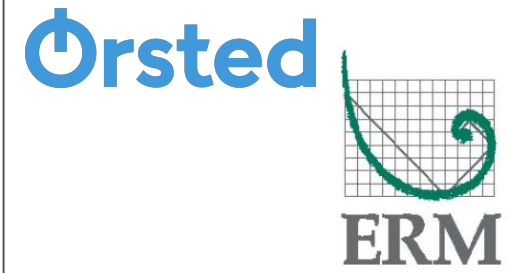
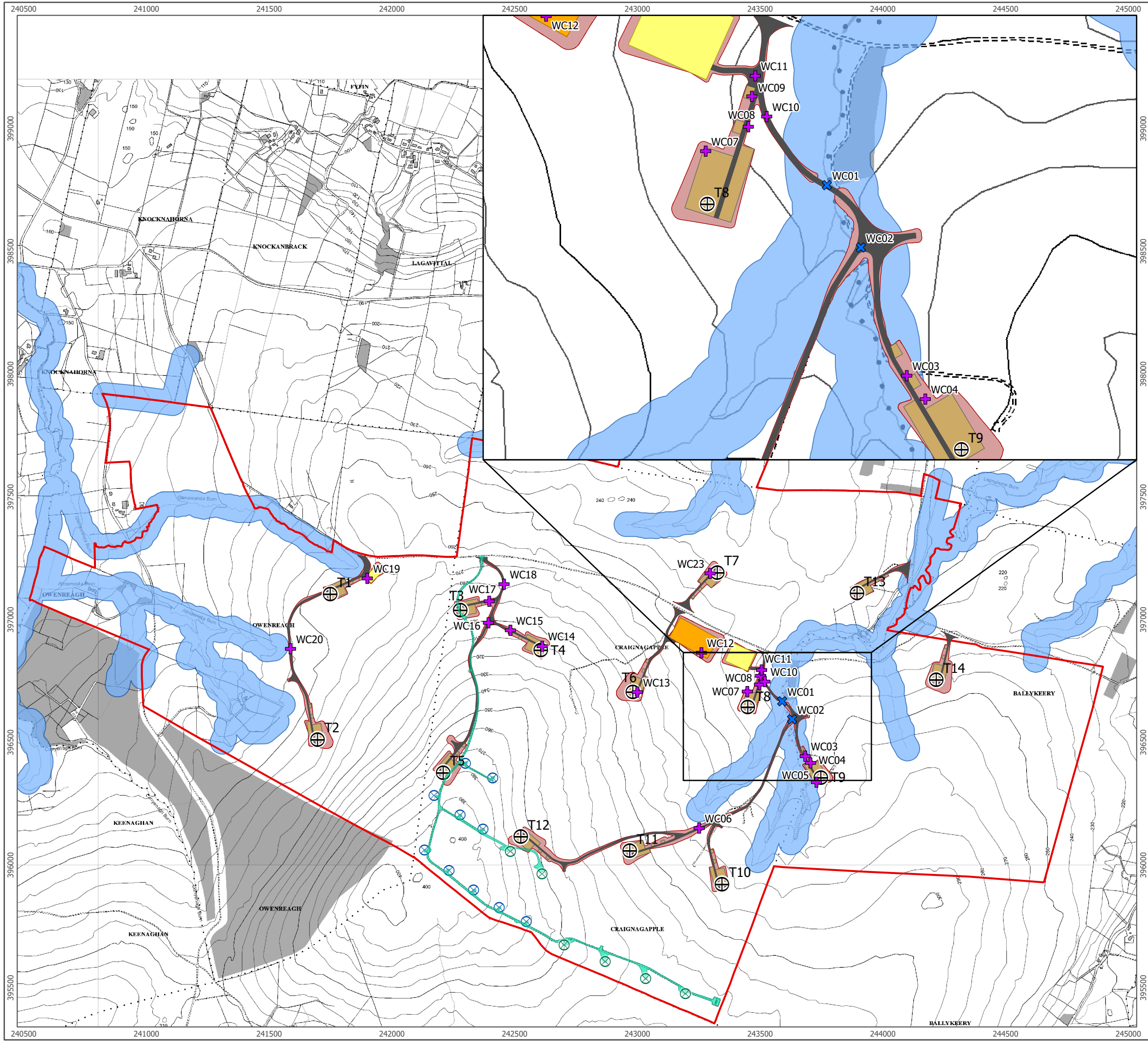


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Hydrological Features
Figure 8.3

Owenreagh / Craignagapple Wind Farm
Environmental Statement

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- Core Hydrological Study Area
- Turbine Locations
- Access Tracks
- Substation
- Crane hardstanding
- Construction Compound
- Earthworks
- Operational Owenreagh I
- Operational Owenreagh II
- As Built Site Roads & Hardstands
- 50 m Watercourse Buffer
- Drain Diversion
- New Crossing

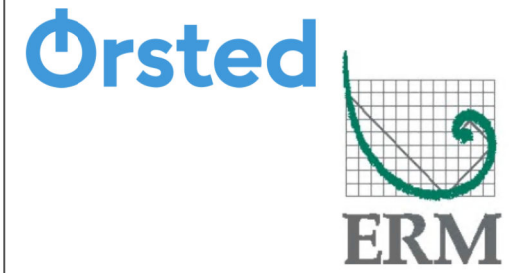
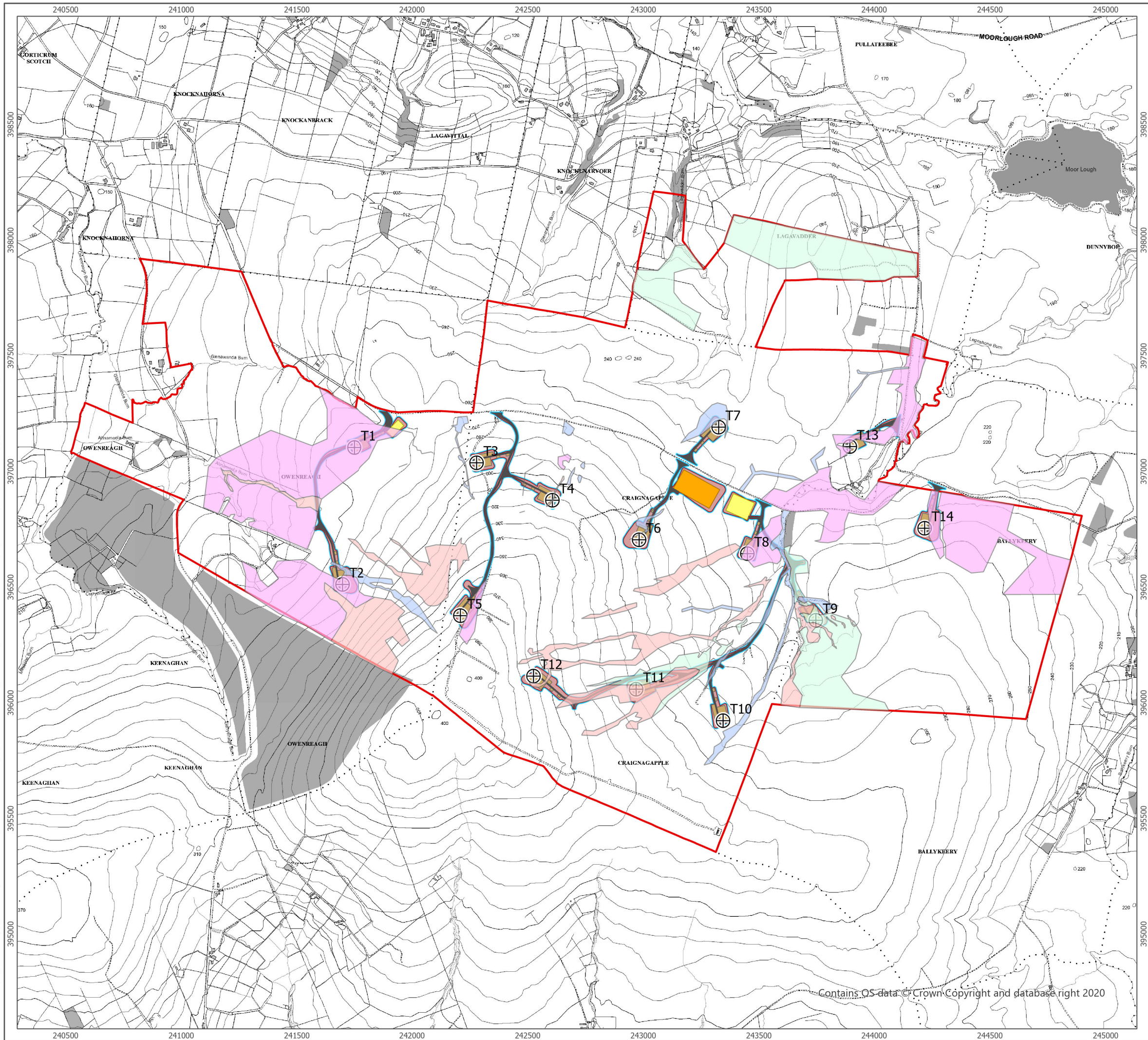
1:15,000 Scale @ A3
0 250 500 Meters
NORTH

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Checked By: SC	Date: 7/4/2023

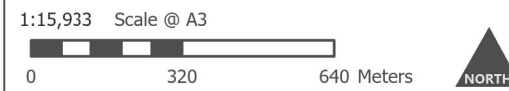
Watercourse Crossings Figure 8.4

Owenreagh / Craignaggapple Wind Farm Environmental Statement

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- Core Hydrological Study Area
- Turbine Locations
- Access Tracks
- Substation
- Crane hardstanding
- Construction Compound
- Earthworks
- Indirect Effects Buffer Area
- Moderately Dependent GWDTEs
 - Acid Grassland / Flush (U2b / M6c) (Functional)
 - Acid Grassland / Flush (U2b / M6c) (Impaired)
 - Flush & Spring - acid/neutral flush (M6c) (Functional)
 - Flush & Spring - acid/neutral flush (M6c) (Impaired)



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Wetland Habitats
Figure 8.5

Owenreagh / Craignagapple Wind Farm
Environmental Statement