

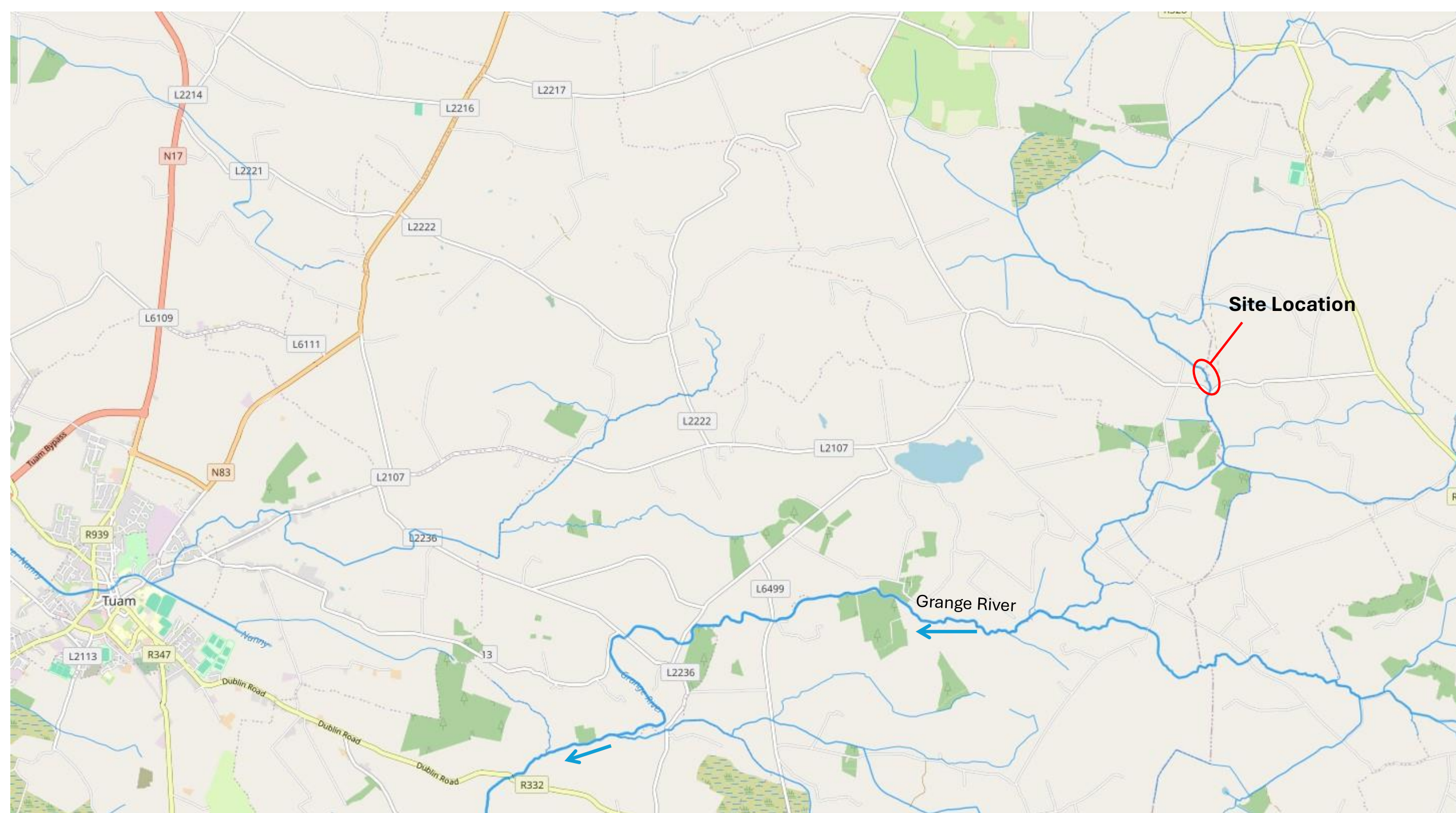
A Salmonid habitat restoration Project on the Grange river - Mahanagh bridge

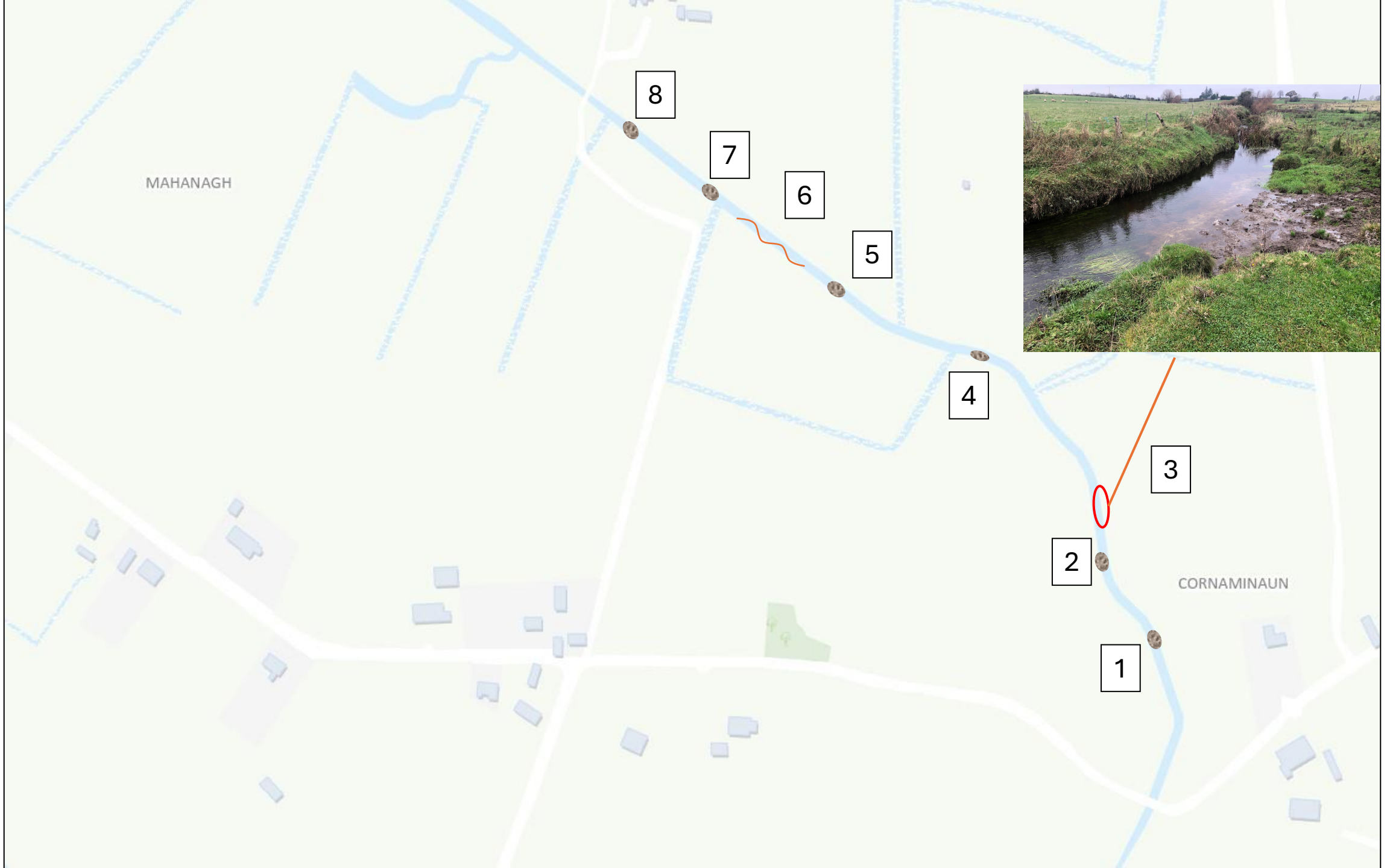
The Grange and Abbert Rivers combined are the most important salmonid spawning and nursery channels in the lough Corrib catchment. However, damage caused over many decades by drainage and subsequent maintenance has reduced the available habitat for salmonid spawning and nursery considerably in many areas. Other, generally agricultural, pressures are also impacting on water and habitat quality.

This plan aims to restore habitat on a once prolific spawning area on the upper Grange river, just upstream of Mahannagh bridge. The site covers a channel length of 620m and will reintroduce lost gravels to provide optimum spawning conditions. Some improvements are also recommended to nursery habitat by the reintroduction of a sinuous thalweg to narrow the base-width of the channel and prevent deposition of fine sediment in gravel areas.

Approximately 250m of fencing is essential on left bank at the downstream end of the site. The remaining bankside areas are already fenced but this may require repair or replacement depending on landowner requirements







1. Ch. 23780 Place gravel bed (C. 3T) at gradient break.

Fence needs rebuilding repair here.



2. Ch23870 – Place Gravel bed (C. 3T) at gradient break
as shown here



3. Fence off livestock access
Area here and provide drinker
and solar pump



4. Ch. 24040. Place gravel bed at tail end of existing pool



4. Ch24090



5. Ch. 24150



6. Ch. 24190 24160 Construct #4 Alternating deflectors to form sinuous thalweg and place 5 boulders through the stretch of channel



Ch. 24240 Place Gravel bed (C. 3T) at gradient break
as shown here



Ch. 24310 Place Gravel bed (C. 3T) at gradient break
as shown here

