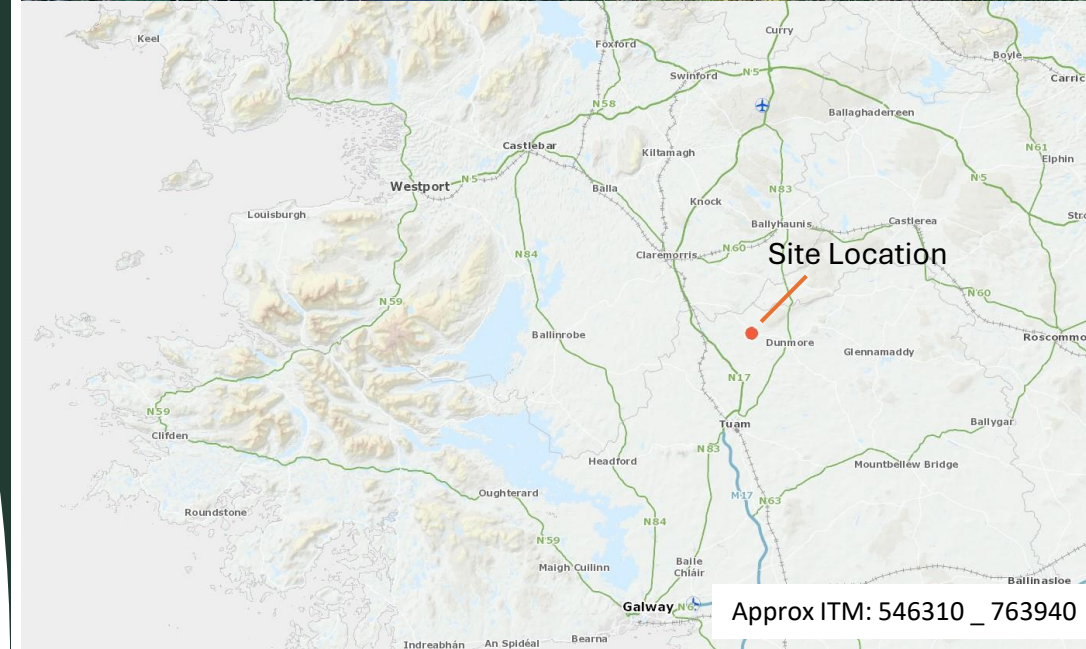


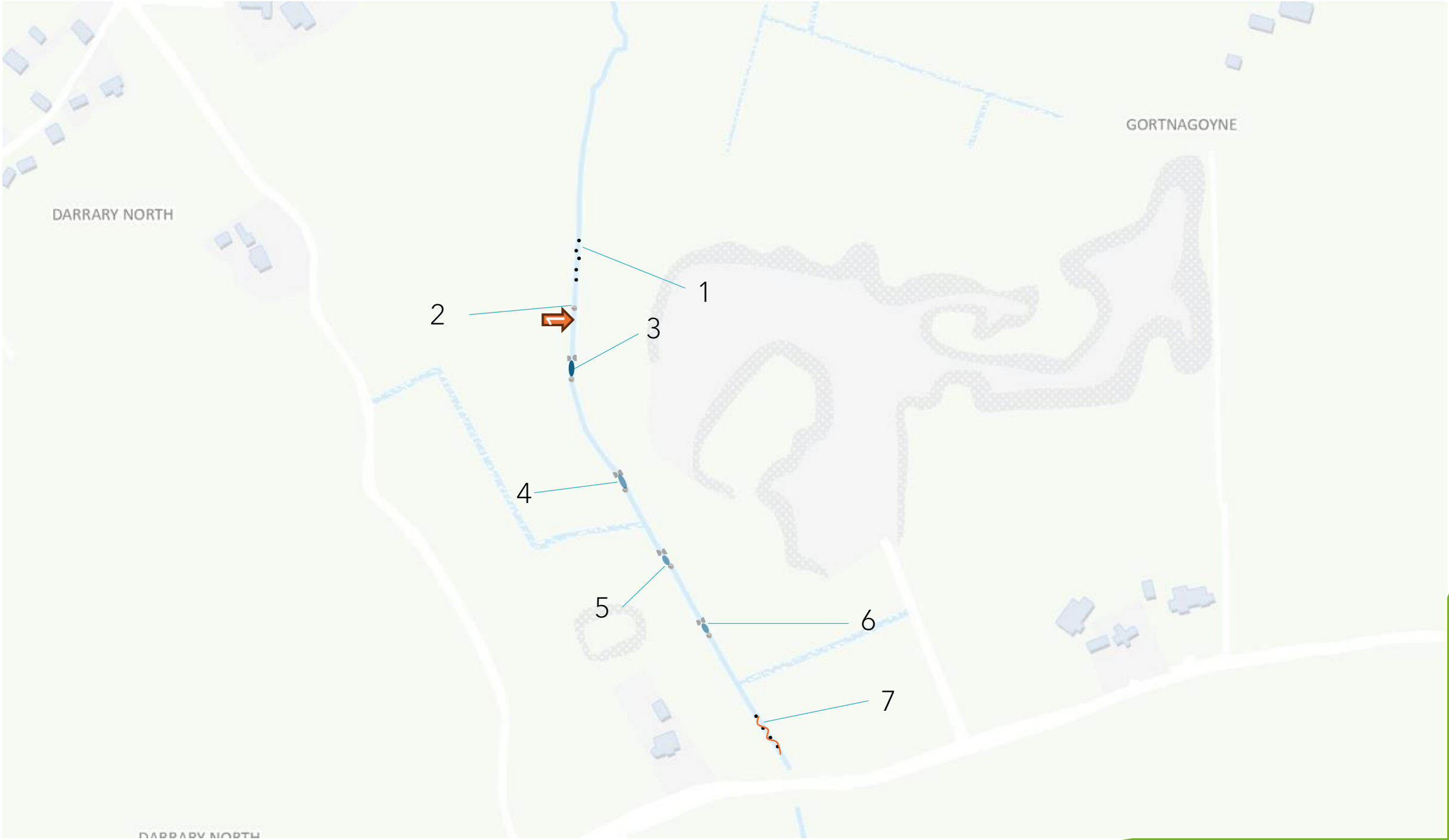
Darray Stream Plan

This is a small stream, typical of the modified channels, commonly found in this part of the Corrib catchment. It has an average width of approximately 3m and joins the larger, Sinking river which, itself confluences with the Dalgan between Garrafauns and Milltown to form the main channel of the Clare river.

The townlands through with this channel flows and which give the site it's name, is Darray North and Darray South, where a reach of approximately 380 m upstream of the bridge (North) and 440m downstream of the bridge (South) are identified as requiring habitat restoration work in both the channel and in the riparian zone. This reach is excessively straight rather deeply incised below the surrounding land and lacking in appropriate substrate for salmonid spawning.

The riparian area is also lacking in diversity with some protective vegetation. There is also direct access to the channel for livestock at six separate locations. This plan proposes the introduction of a small number of structures, along with some random boulders and gravel beds to enhance spawning potential. Fencing and solar powered drinkers will also be an important component of this plan.





DARRARY NORTH

GORTNAGOYNE

2

1

3

4

5

6

7

DARRARY NORTH

Channel F304 West
Ch 135

1. Random boulders (#5) for
approx. 10m at upstream end
of site



CH 120

2. Place gravel bed 4m upstream
of drinking slip 1 on right bank
Construct new fence on both
banks and provide drinker
(pump & trough)



Ch. 70

3. Construct paired deflector
at this location and dig pool
immediately downstream with
Gravel bed at tail end



Ch. 30

4. Construct paired deflector
at this location and dig pool
immediately downstream with
Gravel bed at tail end



Ch. 1350

5. Construct paired deflector
at this location and dig pool
immediately downstream with
Gravel bed at tail end



Ch. 1290

6. Construct paired deflector
at this location and dig pool
immediately downstream with
Gravel bed at tail end



Ch 1235 - 1210

7. Allow thalweg to develop through natural deflectors by Placing boulders strategically through this stretch. Place gravel bed 5-8m upstream of bridge.

Construct fence along Left bank

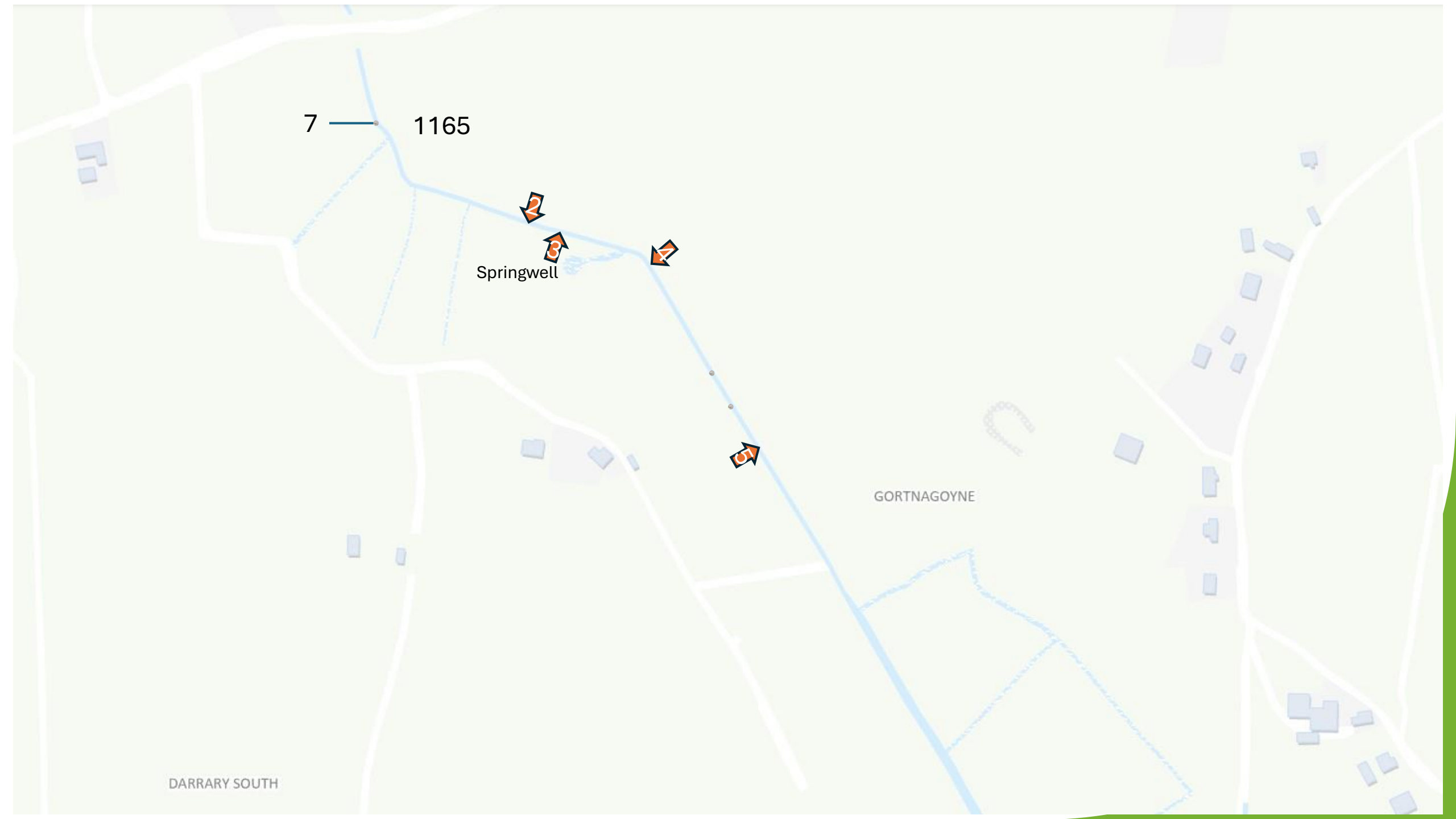


7 — 1165

Springwell

GORTNAGOYNE

DARRARY SOUTH



8. Drinker 2 – Well used livestock drinking point
Currently sheep only but should be fenced off to prevent
Pollution and damage to watercourse



8. Drinker 3 - May be old crossing point. Possibly disused but should be fenced off to prevent future runoff



10. Ch 960 – 940. Stretch
upstream of spring-stream
confluence Four alternating
deflectors to create thalweg.
Four boulders to be placed
throughout Place gravel bed
C. 5T at tail end of run



Drinker 4: Fencing and drinker required
Left bank badly damaged and sediment
entering the watercourse



Ch 840. Place large gravel bed (6T), 2m upstream
of gradient break at end of existing pool



Ch 815. Place gravel bed (3T), 2m upstream
of gradient break at end of existing glide



11. Drinker 5: Fencing and drinker urgently required

Livestock effluent clearly entering the watercourse

Right bank severely damaged



DARRARY NORTH

2

1

3

4

5

6

7

