

Sensitivity of receptor – Water

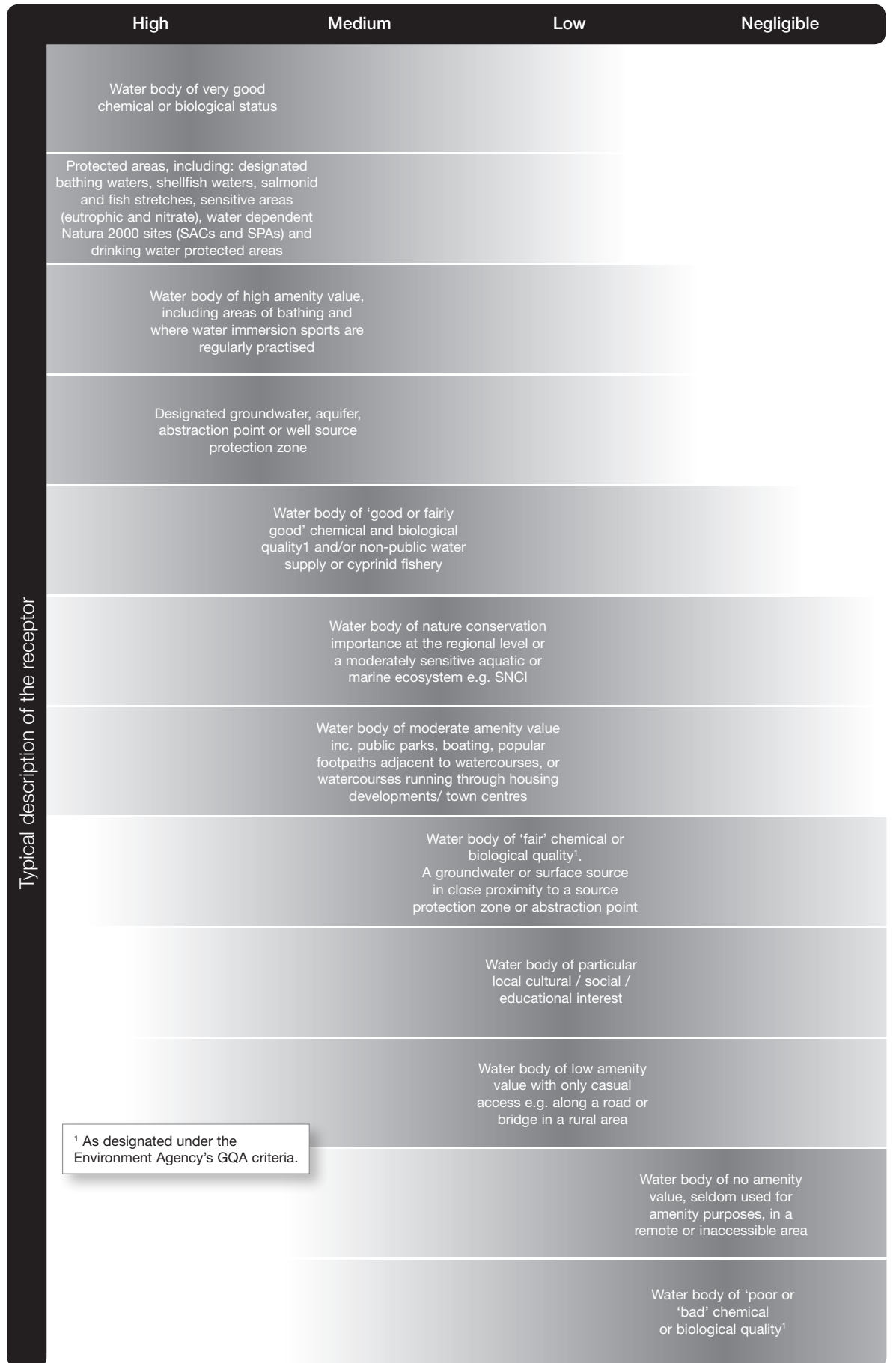


Figure 11.1 Receptor sensitivity

Magnitude of change – Water

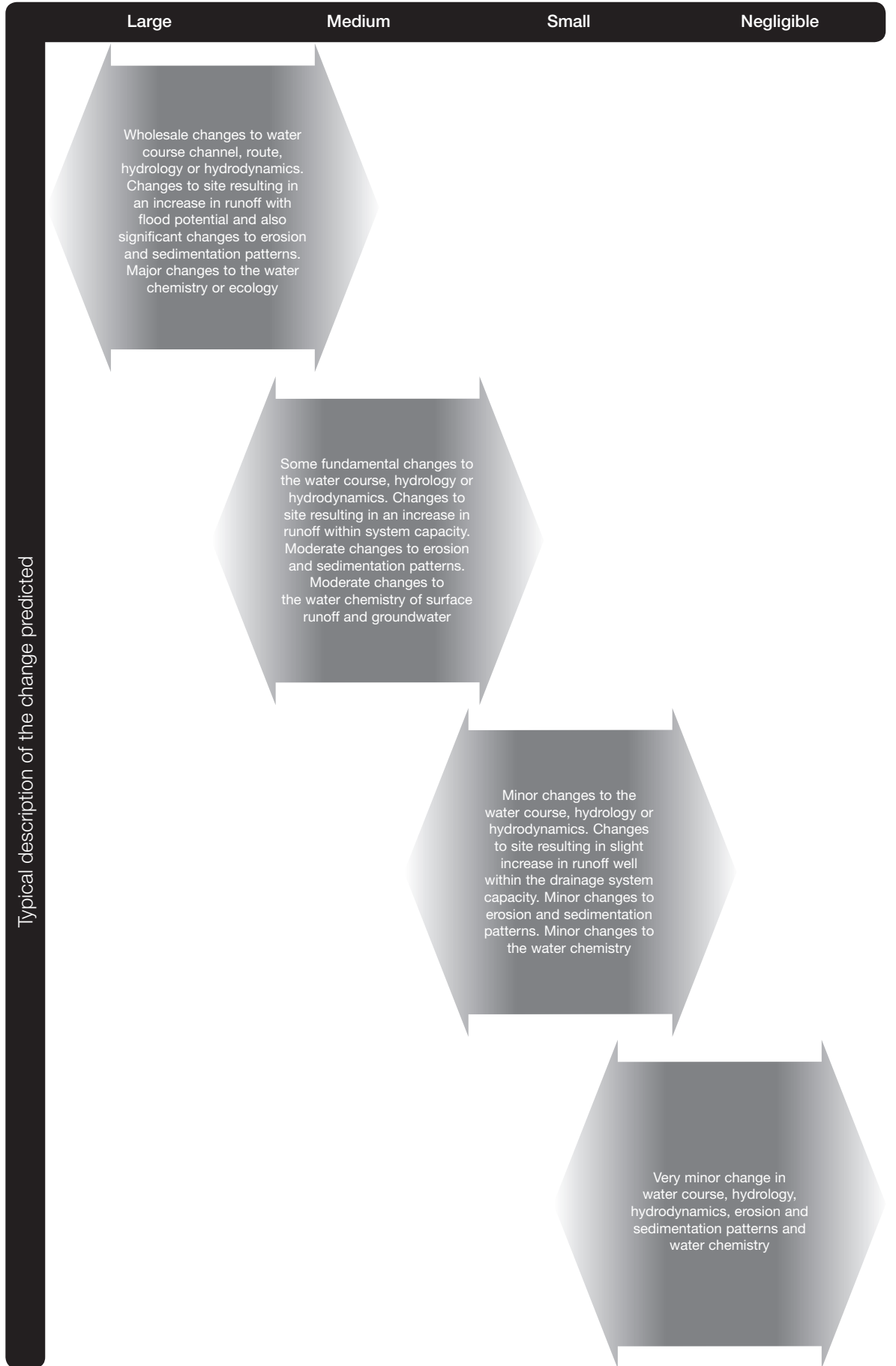
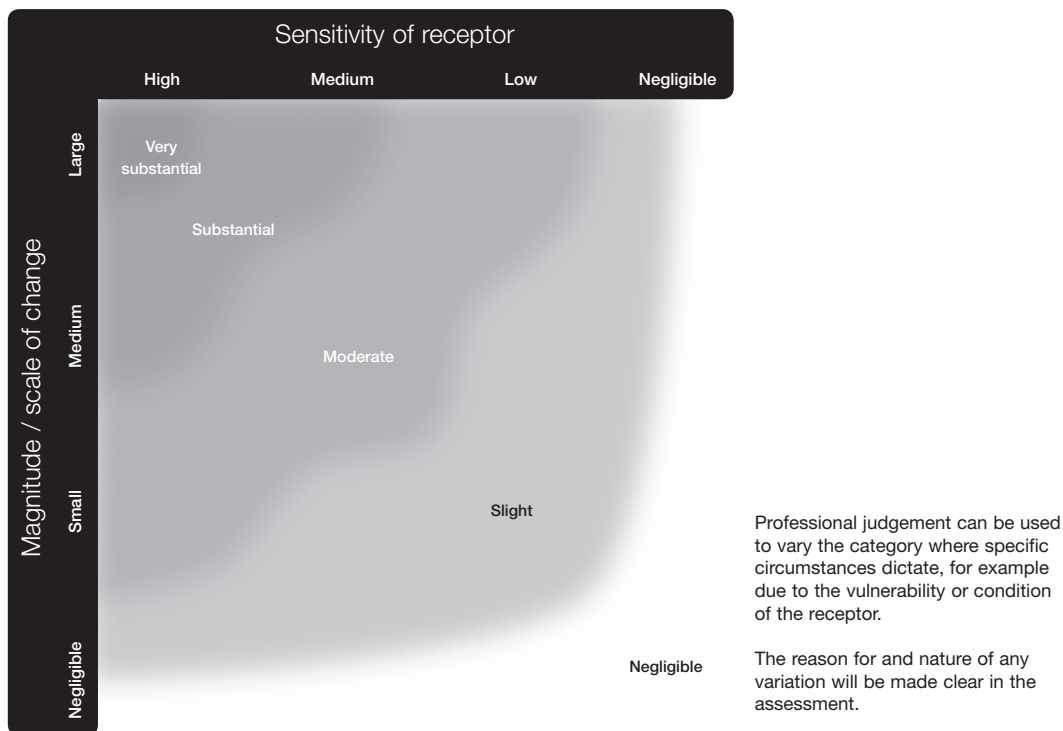


Figure 11.2 Impact magnitude

Determination of significance matrix – Water



Degrees of effect

Very substantial:

Wholesale change to watercourse, water chemistry, erosion and sedimentation characteristics within areas protected for their environmental importance or significance as water supply sources.

Substantial:

Wholesale or fundamental changes to water bodies, which are not water supply sources, but of good quality. Wholesale and/or moderate changes to associated erosion/sedimentation patterns and water chemistry. Also, moderate changes to watercourse, water chemistry, erosion and sedimentation characteristics within areas protected for their environmental importance or significant as water supply sources.

Moderate:

Wholesale and/or fundamental changes to water bodies of average quality, and features of local interest. Also minor changes to important water bodies such as those in areas protected for their environmental significance, water bodies of good quality, and both water supply and non-water supply sources.

Slight:

Small changes to water bodies of local interest or of average water quality.

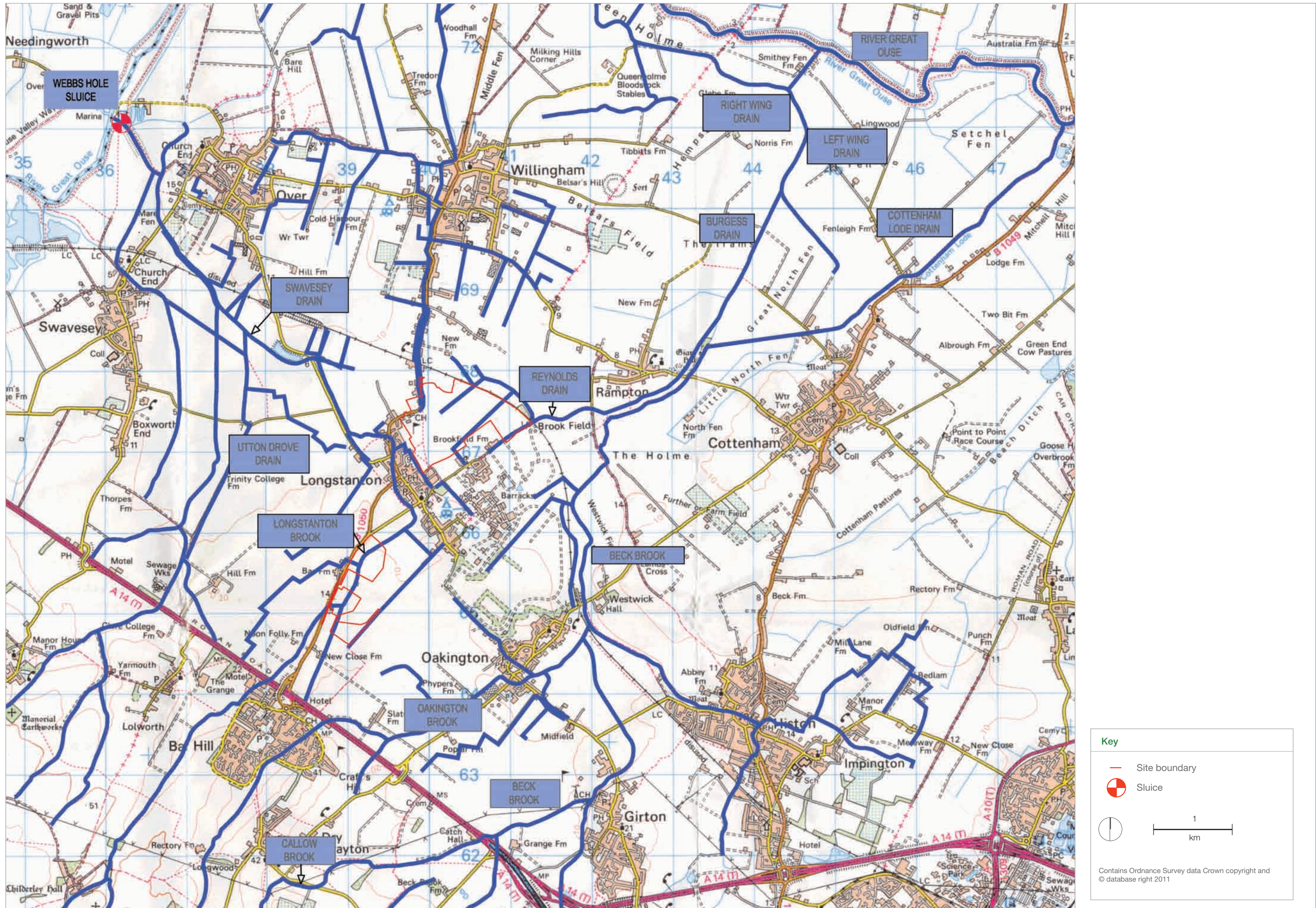
Negligible:

No change to water bodies of poor quality and artificial watercourses.

Significance

If the degree of effect is moderate or above, then the effect is considered to be significant.

Figure 11.3 Degree of effect



Key

- Site boundary
- ⊕ Sluice

1
km

Contains Ordnance Survey data Crown copyright and © database right 2011

Figure 11.4 Surface water features