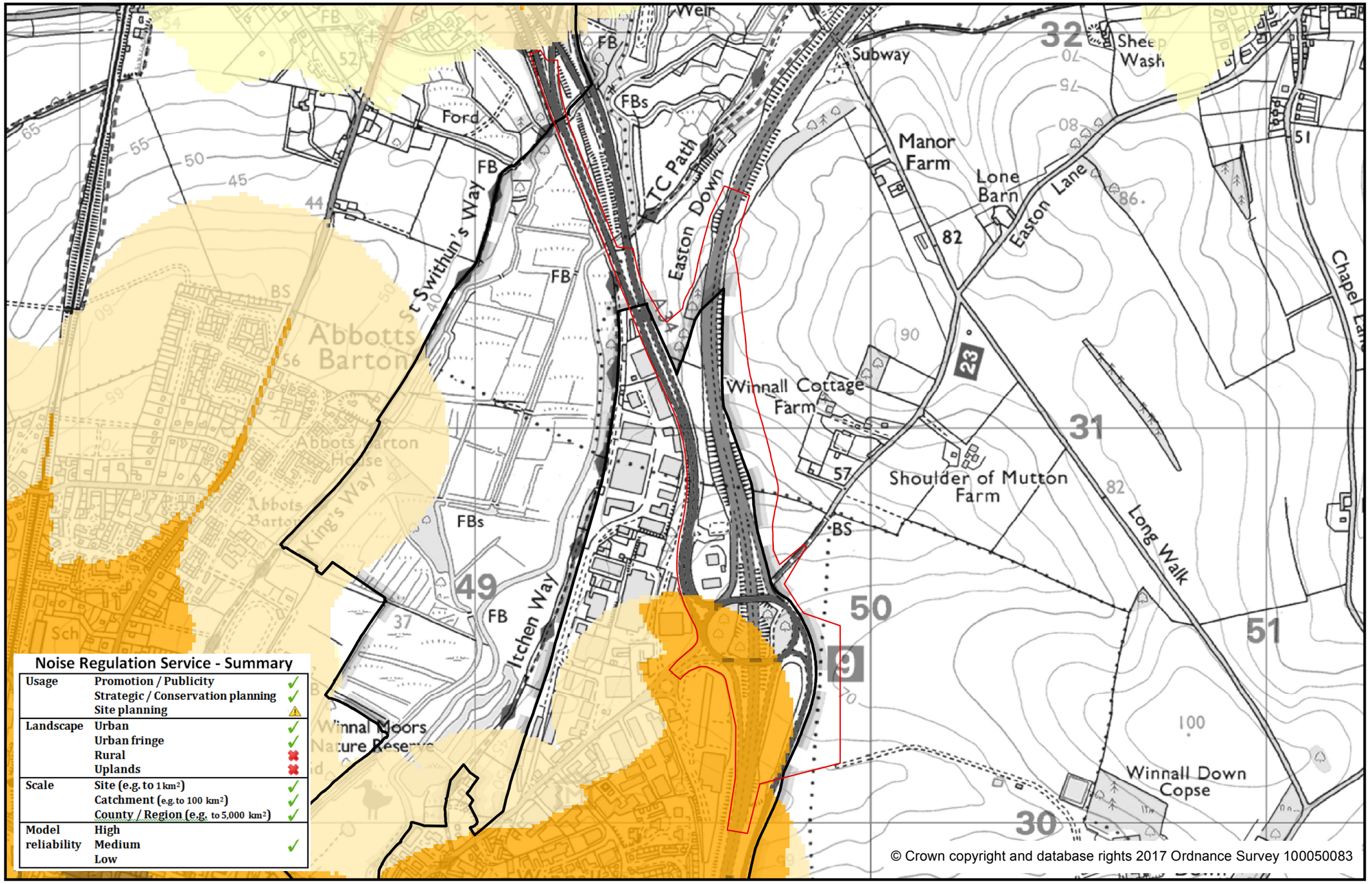


EcoServ-GIS

Noise Regulation Demand

Red line boundary

SDNPA boundary

Demand Scores

- 80 - 100
- 60 - 80
- 40 - 60
- 20 - 40
- 1 - 20

Scores are on a 1 to 100 scale, relative to values present within the Study Area. White space within the Study Area shows areas with no data or with no capacity

EcoServ-GIS models executed by Sussex Biodiversity Record Centre (hosted by Sussex Wildife Trust).

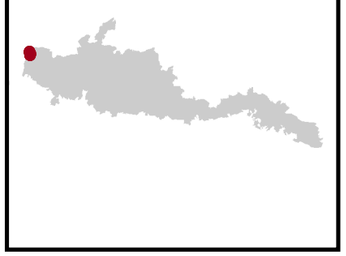
South Downs National Park Authority

Sussex Biodiversity Record Centre

Noise regulation demand reflects the predicted need for noise regulation. This is based on modelled noise levels, population density and health data.

METHODS: Local search distance (population size) = 300 m, Minimum population size (local scale) = 50, Local search distance health scores = 300 m, Max noise distance from airports = 1500 m, Max noise distance from motorways = 800 m, Max noise distance from railways = 650 m, Max noise distance from A roads = 600 m, Max noise distance from B roads = 550 m. Thresholds are applied to limit the area of mapped Demand. Defaults are applied, but can be varied with custom settings.

LIMITATIONS: EcoServ-GIS relies on indicators to predict levels of capacity and demand. Results are relative to the study area and cannot be compared to other areas. Local knowledge must be used to interpret what the values mean in absolute terms.



DURHAM

LIVING LANDSCAPES NORTH EAST WILDLIFE TRUSTS

Scottish Wildlife Trust

0 — 0.35 Kilometers

Date: 08/12/2017

N

1:10,000

(at A3 paper size)