

Biodiversity Statement

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The replacement of the lighting column will not impact any priority habitat and impacts less than 25m of on-site habitat and is not with 5 metres of any hedgerows.

Replacement of existing cast iron columns will cause any direct or indirect impact on native living species. The location of the work within the town centre will not cause a net loss of area of any irreplaceable natural habitat. It is not possible to enhance the habitat with such limited works.

The existing LED lanterns on columns 17 and 18 will be refitted to replacement columns, so will not introduce a change to the light source. The existing lantern on column 27 is a 150W HPI (High Pressure Iodide) lantern installed in the 1980s. The HPI lamps consists of a quartz discharge tube, containing high pressure mercury and a mixture of metal halides. The replacement LED lantern will remove the use of mercury in the lamp and contribute to the global environment by cutting the energy used to a third of the existing. HPI lamps typically have a cool white colour temperature ranging from 3800K to 4500K and emitted some UV, the LED at 4000K emits no UV to make a positive improvement to the nighttime environment.