

APPENDIX 14.7

CALCULATIONS OF TOTAL EMISSIONS OF
POLLUTANTS

Results of calculations of total emissions of pollutants

| Name | Crianlarich | | | |
|------------------------|------------------------|--------------------|---------------|--------------------|
| Year | 2007 Baseline Year | | | |
| Pollutant | Total emissions | | | Units |
| | Existing | With scheme | Change | |
| CO | 3,044 | N/A | N/A | kg/year |
| THC | 461 | N/A | N/A | kg/year |
| NO_x | 2,697 | N/A | N/A | kg/year |
| PM₁₀ | 85 | N/A | N/A | kg/year |
| CO₂ | 730 | N/A | N/A | tonnes/year |

| Name | Crianlarich | | | |
|------------------------|------------------------|--------------------|---------------|--------------------|
| Year | 2011 Opening Year | | | |
| Pollutant | Total emissions | | | Units |
| | Existing | With scheme | Change | |
| CO | 2,822 | 2,461 | -361 | kg/year |
| THC | 413 | 352 | -61 | kg/year |
| NO_x | 2046 | 1874 | -172 | kg/year |
| PM₁₀ | 58 | 53 | -5 | kg/year |
| CO₂ | 723 | 679 | -44 | tonnes/year |

| Name | Crianlarich | | | |
|------------------------|------------------------|--------------------|---------------|--------------------|
| Year | 2026 Design Year | | | |
| Pollutant | Total emissions | | | Units |
| | Existing | With scheme | Change | |
| CO | 3,151 | 2,744 | -407 | kg/year |
| THC | 460 | 391 | -69 | kg/year |
| NO_x | 1,730 | 1,600 | -130 | kg/year |
| PM₁₀ | 50 | 46 | -4 | kg/year |
| CO₂ | 811 | 752 | -59 | tonnes/year |

NB: As the DMRB Regional Impacts tool only predicts to 2025, the data presented in the table above is for 2025.