

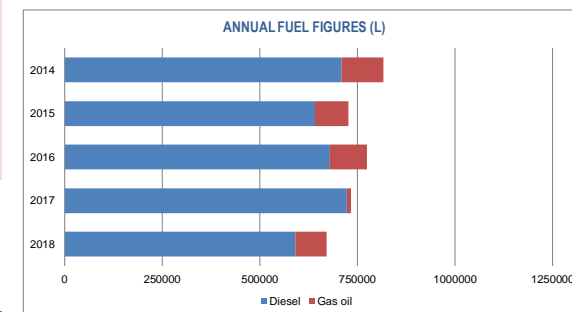
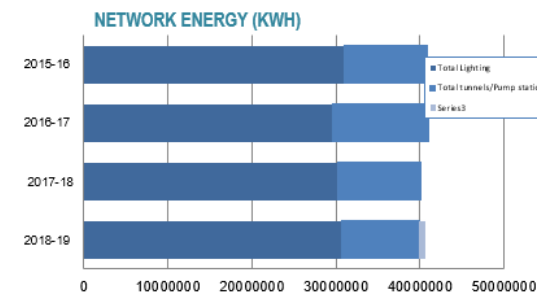
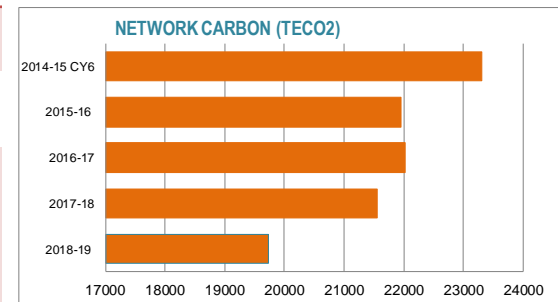
# Sustainability

## CY10 2018-2019 Performance to date

Meeting target?

### The 10 sustainability commitments for CY10

1	<b>Efficient sustainable performance:</b> All sustainability targets are reported on to Highways England and will be communicated in the Annual Report	Yes
2	<b>Research and Innovation:</b> New business cases for Highways England Designated Funding submitted on carbon, water quality, biodiversity and air quality to improve environmental outcomes for the Network. Efficiencies and additional benefits identified during Preliminary Design stages. Innovative filtration design to reduce heavy metals approved by HE through Departure from Standard and progressing to works in CY19-20.	Yes
3	<b>Added Value:</b> Initial data set entered into Social Value Portal to understand the value we are adding to the community beyond delivering the contract.	Yes
4	<b>Engagement with our people:</b> The 'Adopt a School' scheme has really motivated our staff to get involved and try something new, it has brought certain teams together and encouraged employees to take pride in their work. This programme has also helped to improve our score in the Considerate Constructors scheme with regard to the 'Respect the Community' category.	Yes
5	<b>Engagement with external stakeholders:</b> Continuation and broadening of 'Adopt a School' initiative and charitable events. Our engagement with them has led to other opportunities to explain more about the work we do and how we do it to keep the Road Network operating safely 24/7.	Yes
6	<b>Health and Wellbeing:</b> Following early success of the 'Wheel of Wellbeing' at Gade Valley, we will look to roll out elements of this across the Network - The 'Wheel of Wellbeing' looks to encompass at least six factors that make someone's fitness for work – Mindfulness, Mental and Emotional Support - Mental health and self-esteem – Effective stress response – Nutrition – Physical Health – Fatigue management. These six areas are balanced, three being mental and three being physical making the completed wheel. We continue to deliver Mental Health First Aid training and 'Start the Conversation' training with an aim to ensure we have the right support and awareness across the Network.	Yes
7	<b>Reduce carbon emissions:</b> Total lighting carbon emissions increased by nearly 2% compared to the previous reporting year. However, tunnels and pumping stations carbon reduced by 8% during the same period.	No



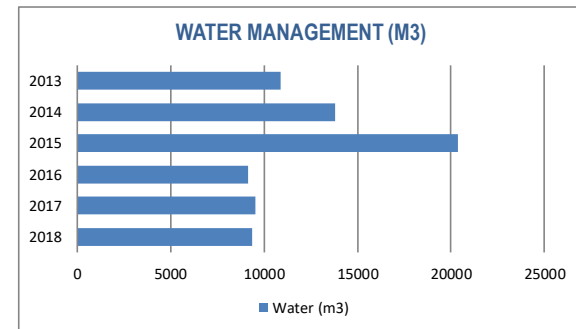
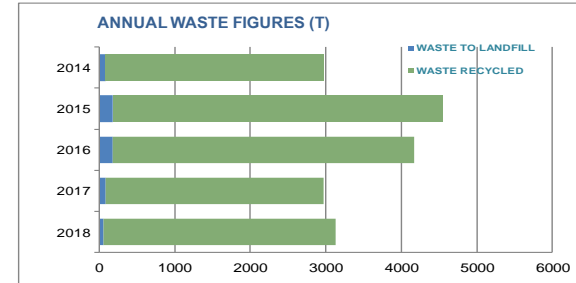
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8	<b>Waste Management:</b> Our percentage of waste to landfill continues to reduce despite collecting more waste within the reporting period. We will continue to work with our staff and waste management contractor to reduce this further this year.	Yes
9	<b>Water Management :</b> Water consumption has decreased marginally within the contract year. We will continue this year to explore innovative ways and products to drive the consumption down.	Yes
10	<p><b>Environment improvements:</b></p> <p><b>Environmental network improvements:</b> Delivery of over 8.8hectares of Species Rich Grassland Improvements (over 10% of the HE Area 5 Target), Vegetation works carried out at Titsey Woods SSSI to improve long-term the status of the SSSI. Additional landscaping works carried out at various locations including three Scheduled Monuments.</p> <p><b>Air quality:</b> Of the 50 monitoring stations 10 sites are observed to have poorer air quality than the current Air Quality criteria of 40 ug/m3. The air quality at the other 27 sites was recorded at levels of NO<sub>2</sub> that range between 15.29ug/m3 and 39.42ug/m3.</p>	Yes



## CY11 Performance Strategy

- Sustainability strategy and roadmap submitted as part of the Performance management Plan.
- Improve data collection from the framework using Aconex. Using this data explore how carbon and cost data can be linked to create a carbon assessment that can be used from design stages.
- Various environmental and sustainability awareness days throughout the next contract year to create enthusiasm across the business.
- Continue to build on first data set of Social Value, looking at specific geographic areas within our boundary that may require greater attention.
- Build a business case for solar powered car ports to be installed at South Mimms.

