

## Design Refinement 2 – Water Recycling Plant

### Where is the proposed change?

The water recycling plant site is proposed to be located to the north of Broadmarsh Coastal Park, between the A27 to the north and Harts Farm Way to the south, and is within Havant Borough Council’s administrative area.

### What and why is it changing?

As set out in the Summer 2024 Consultation, we are considering the potential of having a green roof (a roof covered with vegetation) on the main process building at the water recycling plant site, in order to provide on-site habitat enhancement.

To accommodate this, the proposed maximum height of the main process building may need to increase from 13m, which was the proposed maximum height of the water recycling plant at the Summer 2024 Consultation, to 14.5m due to the engineering requirements associated with a green roof.

Our Environmental Water Quality Report, published as part of this consultation, highlights the potential requirement for additional phosphorous treatment to manage water quality within Havant Thicket Reservoir. Our current expectation is that this can be accommodated within the parameters of the water recycling plant without requiring any further changes to the building’s maximum dimensions or external appearance.

An environmental mitigation and enhancement area has been added to the water recycling plant site so we can deliver environmental enhancements across the site, including landscaping to screen views of the water recycling plant.

There are no figures for this design refinement.

### How might the change affect you or the environment?

The increase to the maximum height of the water recycling plant to accommodate a new green roof will inevitably result in the building becoming slightly more prominent in the landscape. Whilst the final assessment of the effects of this will be reported in the Environmental Statement accompanying the Development Consent Order application, it is not anticipated at this stage that there would be a material change to the ecology, landscape or heritage effects previously reported in our Preliminary Environmental Information Report presented at the Summer 2024 Consultation.

Increasing the maximum height of the water recycling plant would allow us to implement a green roof and provide enhancements on site which would provide environmental benefits.