

Green Lanes Rain Gardens

Consultation January 2023

Proposals for Green Lanes

Enfield Council are proposing to build a number of rain gardens along Green Lanes

The project's main aims are:

- Make Green Lanes greener and more attractive
- Reduce the risk of flooding
- Reduce the impact of urban pollution by increasing green areas and planting trees

Proposals for Green Lane

Green Lanes is a busy main road running north-south from Enfield into Haringey. This particular section on the southern border of Enfield has a local high street character with a variety of commercial premises such as local shops, cafés, pubs and restaurants as well as community spaces. Residential streets run directly off to the east and west.



Views of the existing Green Lanes area



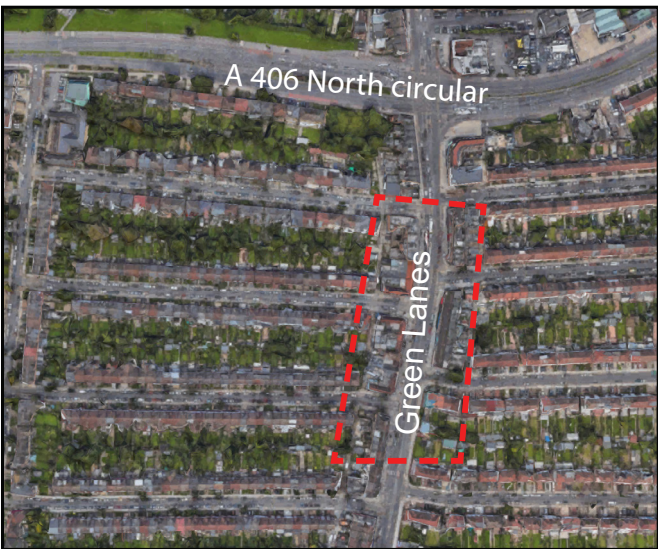
Why are rain gardens being proposing?

Rain gardens are a type of sustainable drainage feature (sometimes known as “SuDS”) which mimic natural drainage. They help to:

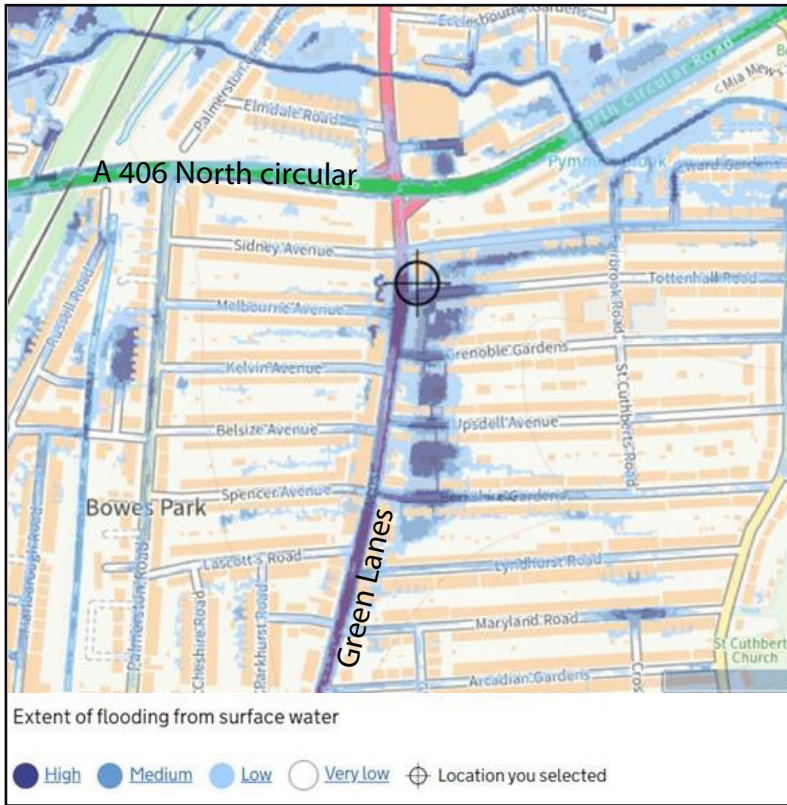
- store water and release it slowly into the drainage system and surrounding soil helping to reduce flood risk and pollution
- increase biodiversity with planting which helps improve air quality and urban cooling

The project has been designed to minimise any potential negative impacts on businesses, parking, buses and pedestrians

The area is known to have flooded in the past. Computer modelling shows that the risk of flooding is significant but that rain gardens will help to manage this issue and reduce impacts on local homes and businesses



Proposal location in Green Lanes area



Flood map data showing existing flood risk in this area



Enlarged map of Green Lanes area showing proposed locations of new rain garden SuDS features

Visualisations

New rain garden - ensure space for pedestrians to pass and for cafés and restaurants to have outside seating

In addition to new planting is the opportunity for tree planting (where there is space) and features like play on the way and seating



Artistic impression of Green Lanes with new rain garden planting

Key design features of rain gardens:

- Located in areas where surface water can flow into the rain gardens.
- Sized so that local businesses are not impacted and opportunities remain for outside seating.
- Robust and attractive planting which keeps sight lines clear and open to ensure safety.
- Enfield Council will regularly maintain these rain gardens but also local businesses and residents are welcome to participate in the upkeep of the planting to help them to flourish.



Aerial view with artistic impression showing proposed new rain garden

Examples of Other Schemes



Examples of a scheme where we improved the area outside Westerham Shops in Enfield by installing new rain gardens, informal seating and play on the way features.



Example of rain gardens at White Hart Lane using kerbs and boulders with gaps between for water infiltration



Rain garden's between a pedestrian crossing



Westerham Shops, Enfield- rain gardens help to create a buffer between the cars and people



Award winning rain garden scheme which uses planted build outs to help traffic calming, Haselbury in Enfield delivered by Enfield Council.