

Eastleigh Household Waste Recycling Centre and Stoneycroft Rise cycleway



We designed and project managed the construction of a new, state-of-the-art recycling centre, as well as cycleway improvements, in Stoneycroft Rise, Eastleigh.

Our team carried out a topographical survey of the land and geotechnical ground investigations including window sampling. Using this information we worked with our clients to conduct a feasibility study. We then completed preliminary design to support a public consultation and planning application.

With planning permission secured we carried out detailed design of the facility including preparing contract information and bill of quantities. We then provided procurement support for the construction, and supervised the build on site, testing materials via our Highways Laboratory. We followed robust environmental mitigation measures including a reptile-proof fence around the site.

The facility was designed in 3D on PDS, using the calculations for cut and fill to keep all material on site. A key feature of the design is the split level which makes it easier for users to tip waste in, and allows full waste containers to be removed while the site operates as normal, reducing waiting times and congestion.

Drone and timelapse camera footage was used to monitor progress of the construction, and to publicise the finished facility.

Key benefits

- The new site enables more waste to be recycled, with minimal waiting times and congestion.
- The works were delivered within budget and on time.
- A cut and fill balance was achieved, meaning all excavated material was kept on site.

Location: Stoneycroft Rise off Chestnut Avenue, Eastleigh

Client: Eastleigh Borough Council and Hampshire County Council Waste and Resource Management

Value: £1.4m

Completed: December 2016

Specialist teams:

Hampshire Services' Engineering Consultancy (design, project management, contract management, site supervision); Raymond Brown (contractor)

“This is a fantastic new facility that will improve and increase recycling opportunities for local people”

Councillor Rupert Kyrle,
Cabinet Lead for
Environment and
Sustainability,
Eastleigh Borough
Council



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Click [here](#) to see a short film of the project



Hampshire
County Council