

Glasgow – Recycling Yard

Project	JJM2524 - Recycling Yard Surface Treatment
Location	Glasgow
Client	Bedrock Plant Hire
Key works delivered	Surface Treatment - Cement Mixing to Type 1 Layer
Project Duration	Jan 2021 - 4 weeks
Stabilised Area	7,000m ²
Earthworks volume	By Client



PROJECT OVERVIEW

Existing Recycling Yard. Site waterlogged and unworkable due to the level of the yard being below surrounding sites – The whole site needed to be raised circa 500mm.

Selected Clay material mixed with recycled aggregates used to make up levels

PROJECT CHALLENGES

Our team were challenged by the levels of the yard and surround sites.

The weather in Glasgow over Jan 21 was also a challenge to get the job done to allow our client access to the yard.

ENGINEERING AND SOLUTIONS TO OVERCOME THE CHALLENGES

To overcome the project challenges, set by the client, our team:

- Worked with the client and advised on the findings of the existing **Site Investigation Information** as to the best and quickest solution for a stabilised site.
- We carried out a site assessment to enable our client to best work with our stabilising crew and achieve the outcome required.
- Our site team then set to work to Modify the host material for making up the levels. 300mm with cement to form a Capping Replacement Layer.



The works had a two-fold advantage to this site.

- Utilised waste material destined for off-site disposal to create the sub-base for the Surface layer and make up levels.
- Added Cement to the Type1 layer to create a CBM (cement bound material) that offers a robust and hard-wearing surface for recycling operations.



BENEFITS TO CLIENT

