

FORMER RESIDENTIAL SITE/ASH TIP

CLIENT:

Residential Builder

SITE:

Blackburn

CONTRACT:

Remediation of former landfill/residential area

VALUE ENGINEERING:

Following detailed discussions with the client and review of original proposals, Green Remediation worked closely with the engineer to offer value engineered solutions to the following areas:

- Remove the need for disposal of contaminated soils from site
- Provide alternative remedial solution to the site which would offer considerable savings to the scheme, namely:
 - Provide a more stable and clear-of-obstructions piling platform to all plots;
 - Generate all project required crush from site won material, thus reducing disposal costs;
 - Achieving higher engineered specifications on road lines thus reducing road build up costs; and
 - Liaison with client construction team to fastrack works by commencing civils works during remediation.

SCOPE OF WORKS

Design and implemented a scope of works, which included:

- Lifting and screening of soils to recover over size and crush.
- Engineering of road lines to 5% CBR
- Construction of piling mats
- Construction of 320m of gabion walling to heights ranging from 1m to 3.5m
- Supply and placement of certified subsoil

