

FRB Landslide Backcut Project Construction Management Services Orange, California

Owner:
County of Orange

Clients:
OC Waste & Recycling

Client Contact:
Norm Watsek
(949) 551-7110

Key Personnel:
Paul Buckley, P.E.

Management Cost:
\$1.1M

Construction Cost:
\$14.3M

Completion Date:
April 2009

Simplus provided construction management services and QA/QC services for the \$14.3M Landslide Backcut Project at Frank R. Bowerman Landfill for the Orange County Waste & Recycling Department.

Construction management services included managing and coordinating the efforts of a general contractor, numerous subcontractors, County staff, regulatory agencies, design consultants, CQA consultants, the adjacent landowner and adjacent construction contractors.

The project involved the mass excavation of over 5.8 million cubic yards of material, transporting excavated material to three separate stockpiles within the site, installation of horizontal drains, construction of interior access roads, installation of subdrains, desilting basin, trapezoidal channels, culverts, headwalls and erosion control devices.



- Onsite Earthwork Excavation – 5,800,000 c.y.
- Horizontal Drains – 16,000 l.f.
- Clay Stockpile – 230,000 c.y.
- Phase V-D Stockpile – 3,070,000 c.y.
- Landfill Stockpile – 2,500,000 c.y.
- PCC Trap Channel and V-Ditches – 4,780 l.f.
- AC Access Roadway – 3,711 l.f.
- 16 Oz. Geotextile Pond Liner – 8,750 s.f.
- 60 Mil HDPE Geomembrane Pond Liner – 8,750 s.f.

Simplus