

Solid Waste Landfill projects

Construction of Naxos Municipal Solid Waste Landfill

Naxos Island - Greece

Project

Geotechnical assessment and tender design for the construction of a Municipal Solid Waste Landfill, at Naxos Island.

Construction Budget

Total cost: approx. € 9.5 m.

Project Schedule

Design: 2012
Construction: 2013–2016

Project Description

Geotechnical assessment and tender design of Naxos Municipal Solid Waste Landfill.

Geology

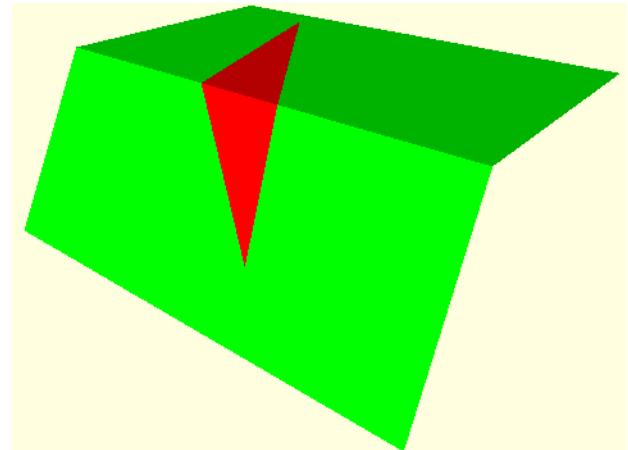
Weathered granodiorite with pillow-lavas

Our Services

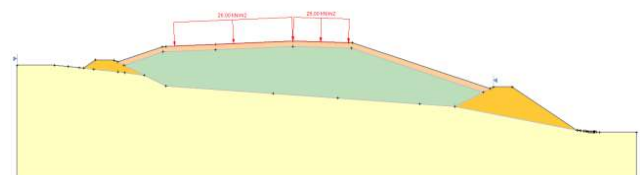
- Geotechnical assessment of the available geotechnical designs & surveys
- Geotechnical investigations program
- Geotechnical design and slope stability analyses of the deposition basin slopes
- Design ground profiles
- Slope stability analysis of the waste tailings
- Geotechnical calculations for waste landfills waterproofing
- Geotechnical calculations for the waterproofing layers stability and for hydro-sealing adequacy

Client

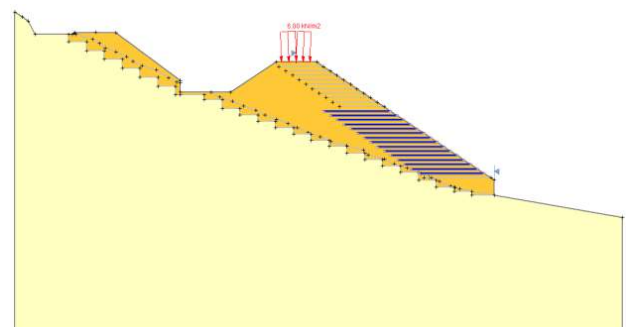
HELEKTOR S.A.



Wedge stability analysis of the deposition basin cuts



Geotechnical simulation model of the waste area slopes



Geotechnical simulation model of the reinforced road embankment

Solid Waste Landfill projects

Construction of Chalkidiki Municipal Solid Waste Landfill

Chalkidiki – Northern Greece

Project

Geotechnical assessment and tender design for the construction of a Municipal Solid Waste Landfill at Chalkidiki.

Construction Budget

Total cost: approx. € 11 m.

Project Schedule

Design: 2013
Construction: 2014 – on going

Project Description

Geotechnical assessment and tender design of the Municipal Solid Waste Landfill at Chalkidiki.

Geology

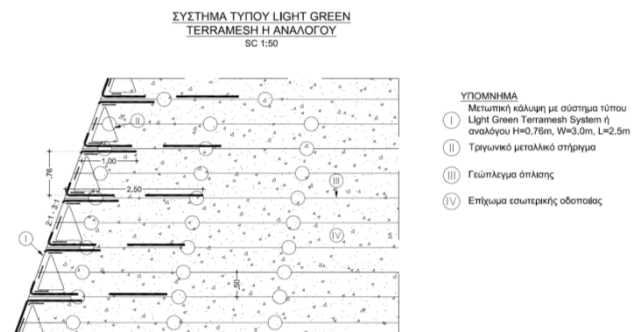
Biotitic granite

Our Services

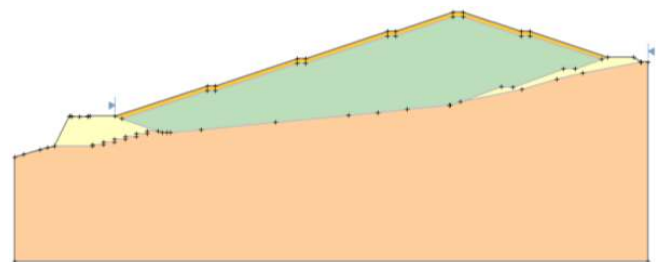
- Geotechnical assessment of the available geotechnical designs & surveys
- Geotechnical investigations program
- Geotechnical design and slope stability analyses of the deposition basin slopes
- Design ground profiles
- Slope stability analysis of the waste tailings
- Geotechnical calculations for waste landfills waterproofing
- Geotechnical calculations for the waterproofing layers stability and for hydro-sealing adequacy
- Slope stability analysis of the access road

Client

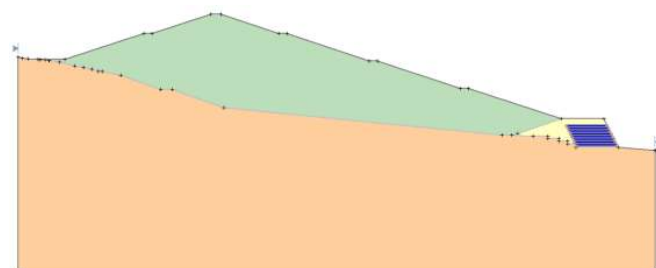
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MSEW detail



Geotechnical simulation model of the waste area slopes



Geotechnical simulation model of the road MSEW