Subject: Geomembrane integrity under heavy load from waste

Dear Zdena,

Herewith we confirm that GSE HD geomembrane can be used for the basal lining of a landfill with a total height of waste of 40 m (even higher loads can be realized without any problems for the geomembrane).

The thickness of the geomembrane shall be suitable for the application. The subgrade must be stable, even and well prepared/compacted. Moreover a suitable protection system shall be installed above the geomembrane (e.g. a combination of a geotextile and fine sand or a heavy-duty geotextile as a single protection layer).

In case of any questions please do not hesitate to contact us.

Best regards,
GSE Lining Technology GmbH

[Signature]
Stefan Baldauf
(Technical Sales Support Manager)