



Geotechnology Limited, Ty Coed, Cefn-yr-Allt, Aberdulais, Neath, SA10 8HE
Telephone 01639 775293 Fax 01639 779173

Natural Resources Wales
Chester Road
Buckley
Flintshire
CH7 3AJ

File Name: 1470lt1 Hafod

6 May 2015

FAO: Ian Oakes

Dear Ian,

RE: COA Validation Report for the 2015 Sidewall Liner Construction Works at Hafod Quarry Landfill Site

Further to your request, I have examined the report forwarded directly to me by Stratus Consulting on behalf of the Hafod Site Operator, Cory Environmental. The 2015 sideslope lining works occupy an area adjacent to last year's sidewall construction, which directly overlies the groundwater seepage and collection system. Ground conditions for this year's works were considerably better and the approach used on previous phases were adopted again.

The Validation Report includes a written account of the works, an as-built survey together with cross-sections showing the liner thickness, the conformance test results and a concluding statement validating that the works have been undertaken in accordance with the approved COA Plan. I am satisfied that the report contains all of the required records and I agree that on the basis of the evidence provided, the works have been constructed in accordance with the approved plan. However, there are three minor non-conformances and Stratus has correctly identified these and discussed each of them in turn in the text of the report. Whilst these are non-conformances to the properties or frequencies of test data, I agree with Stratus that these have no material influence on the performance of the lining system. I am content, therefore, to recommend that the COA Validation Report is accepted in its current form.

I hope this provides the information you require at present. If you need further details, please do not hesitate to contact me.

Yours faithfully,
GEOTECHNOLOGY

Ewan Thomas
Director



Geotechnical and Environmental Engineering, Geophysics and Geochemistry
Geotechnology Limited is registered in England and Wales Number 6497727



Ewan Thomas 01639 775293 Arwel Jones 01792 414294 Jo Thomas 01639 775293 Ben Rees 01269 596737
ewanthomas@geotechnology.net arweljones@geotechnology.net jothomas@geotechnology.net benrees@geotechnology.net