American Ecology Chemical Services
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# American Ecology

96 JUL 12 AM 10:40

July 9, 1996

Ms. Catherine Pool
Nevada Department
of Environmental Protection
333 West Nye Lane
Carson City, NV 89710

Re: Beatty - Cell 12 Design

Dear Ms. Pool:

In accordance with your response dated June 4, 1996, and subsequent phone discussions with our staff pertaining to Cell 12 design submitted in March, 1996. U.S. Ecology would like to confirm the following changes:

- In order to meet MTR the landfill bottom will include a GCL mat which will be placed over a 36 inch thick select back-fill compacted to a density that will achieve a permeability of $1 \times 10^{-5}$ cm/sec.

- The GCL mat will extend 36 inches on the side wall and will be in direct contact with the bottom GCL layer; and.

- The side wall will have the following layers, starting with the outside layer first:
  Sacrificial 30 mil HDPE FML or equivalent;
  Non Woven Geotextile:
  LCRS Slope Geonet;
  100 mil HDPE FME (textured lower side only);
  LDS Double-sided geocomposite;
  80 mil HDPE FML (textured both sides);
  Natural Soils.

We believe these revisions respond to your concerns and in our opinion are in compliance with RCRA. We wish to request your approval on this matter.

Sincerely,

Don Brady
Vice President

cc: Dave Tolbert
Zaki Naser



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