



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION IX
75 Hawthorne Street
San Francisco, CA 94105-3901

April 18, 2011

Michael L. Kaleikini
Plant Manager
Puna Geothermal Venture (PGV)
P.O. Box 30
Pahoa, Hawai'i 96778

**RE: Puna Geothermal Venture
Class V Geothermal Underground Injection Control Permit # HI596002
Permit Modification - Approval of Syncon Barrier Oil synthetic lubricant**

Dear Mr. Kaleikini:

We approve the use of Syncon Barrier Oil to be used as a synthetic lubricant similar to the Royal Purple Barrier Fluid as you requested in your letter of March 21, 2011 and follow-up call with Ron Quesada of PGV.

This minor modification is reflected in Appendix H "Chemical Additives" of the permit showing that it has been added. In addition to the enclosed copy of the modified Appendix H, it can also be viewed on the EPA Region 9 website at:
<http://www.epa.gov/region9/water/groundwater/uic-pdfs/hi/puna/AppendixH-ChemicalAdditives.pdf>

Please call George Robin at (415) 972-3532 if you have any questions regarding this letter or any other Underground Injection Control Program issue.

Sincerely,

Signed by Alexis Strauss

Alexis Strauss
Director, Water Division

enclosure

cc: Chauncey Hew, HI Department of Health
Eric Tanaka, HI Department of Land and Natural Resources