APPENDIX F PLUGGING AND ABANDONMENT PLANS

Detailed Plan of Procedure for Plugging and Abandoning Injection Wells at the Puna Geothermal Facility

Mlk 16Jun09

Assumptions:

- All four (4) injection wells would be abandoned at the same time. Work would be performed in series, one well at a time.
- Work would be accomplished utilizing a third party Drilling Rig (Water Resources, Inc.)

Procedure for each individual well:

- 1. Mobilize third party Rig to location, in parallel with site preparation.
- 2. Nipple up Blow Out Prevention Equipment.
- 3. If needed, kill well with plant water.
- 4. Pull and remove hangdown liner.
- 5. Pick up drill pipe and run in hole to set bottom plug.
- 6. Set plugs as per EPA Plugging and Abandonment Plan Form 7520-14.
- 7. Salvage surface equipment, primarily wellhead components.
- 8. Cut off casing.
- 9. Reclaim and restore location.
- 10. Move to next well.
- 11. Demobe Rig after completion of last well to be plugged and abandoned.

OMB No. 2040-0042

Approval Expires 12/31/2011

United States Environmental Protection Agency Washington, DC 20460 PLUGGING AND ABANDONMENT PLAN									
Name and Address of Facility Puna Geothermal Venture 14-3860 Kapoho Pahoa Road, Pahoa, HI 96778	a said - Assets (*), Add grafter (*) - 20		Puna Geot	ddress of Own hermal Ventu), Pahoa, HI 9	re			6 - 4 - 10 - 10 - 10 - 10 - 10 - 10 - 10	
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Measured Top of Plug (if tagged ft.)									
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Name and Official Title (Please type or print) Michael L. Kaleikini, Plant Manager	Sign	Signature Date Signed							

United States Environmental Protection Agency Washington, DC 20460															
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Name and Official Title (Please type or print)

Michael L. Kaleikini, Plant Manager

Date Signed