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Geotechnical
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MEMORANDUM

November 15, 2010
W.O. 09-4856

TO: Jason Lau
The Limtiaco Consulting Group
Email: jason@tlcghawaii.com

FROM: Nathan Tanaka

RE: Gravel Road Recommendations
Former East Kapolei Pesticide Mixing and Loading Facility

We understand that portions of the existing gravel road will be overexcavated to depths of approximately 3 feet for removal of contaminated soils. This memorandum presents recommendations to restore the gravel road for temporary usage until the overall site is developed.

Gravel Road Section

The gravel section is based on the assumption that the gravel road will be limited to a relatively low traffic volume consisting of light trucks and occasional industrial vehicles.

After overexcavation and removal of contaminated materials, overexcavations should be backfilled with approved onsite granular fill or imported granular material, and capped by 6 inches of aggregate base course with a minimum CBR value of 85.

Prior to the placement of the granular fill and base course cap, the exposed subgrade should be scarified to a minimum depth of 6 inches, moisture conditioned to about 2 percent above optimum moisture content, and compacted to between 90 and 95 percent compaction as determined by ASTM D 1557. The granular fill and overlying base course should be compacted to a minimum 95 percent compaction as determined by ASTM D 1557.

Please feel free to call if you have any questions or need any additional information.