



LIVE OAK ASSOCIATES, INC.

an Ecological Consulting Firm

March 5, 2009

Verne Freeman
Syar Industries
P.O. Box 2450
Napa, CA 94588-0524

Subject: Results of the California red-legged frog surveys completed for the Napa Quarry in Napa County, California (PN 1123-02)

Dear Verne:

Live Oak Associates, Inc. (LOA), has prepared this addendum to the *Napa Quarry Biological Evaluation* (Live Oak Associates 2008) to address special status species surveys completed for the California red-legged frog (*Rana draytonii*) at the Napa Quarry in Napa County, California. The California red-legged frog is listed as threatened under the federal Endangered Species Act and is also a California Species of Special Concern.

LOA herpetologist Dr. Mark Jennings conducted protocol-level surveys for the California red-legged frog in accordance with U.S. Fish and Wildlife Service's *Revised Guidance on Site Assessments and Field Surveys for the California Red-legged Frog* (August 2005). These surveys consist of two day and four night surveys during the species' breeding season, and one day and one night survey during the non-breeding season over a period of at least six weeks. Dr. Jennings conducted these surveys during the day on April 9, May 15, and September 18, 2008, and at night on April 16-17 and 23-24, April 30-May 1, May 7-8, and September 25, 2008. All aquatic habitats on the site, as well as the various associated upland habitats, were surveyed.

Dr. Jennings observed numerous amphibians and reptiles on the site. The native Coast Range newts (*Taricha torosa torosa*), Pacific treefrogs (*Hyla regilla*), and California toads (*Bufo boreas halophilus*) were observed to be common in the aquatic habitats and surrounding areas. Dr. Jennings also found introduced western mosquitofish (*Gambusia affinis*), largemouth bass (*Micropterus salmoides*), and bullfrogs (*Lithobates catesbianus*) to be common at a number of quarry ponds and downstream areas. However, no California red-legged frogs were observed on the site during any of these surveys. Dr. Jennings also noted that no western pond turtles (*Actinemys marmorata*), a California Species of Special Concern identified as unlikely, but still having the potential, to occur on the site, were observed during any of the surveys.

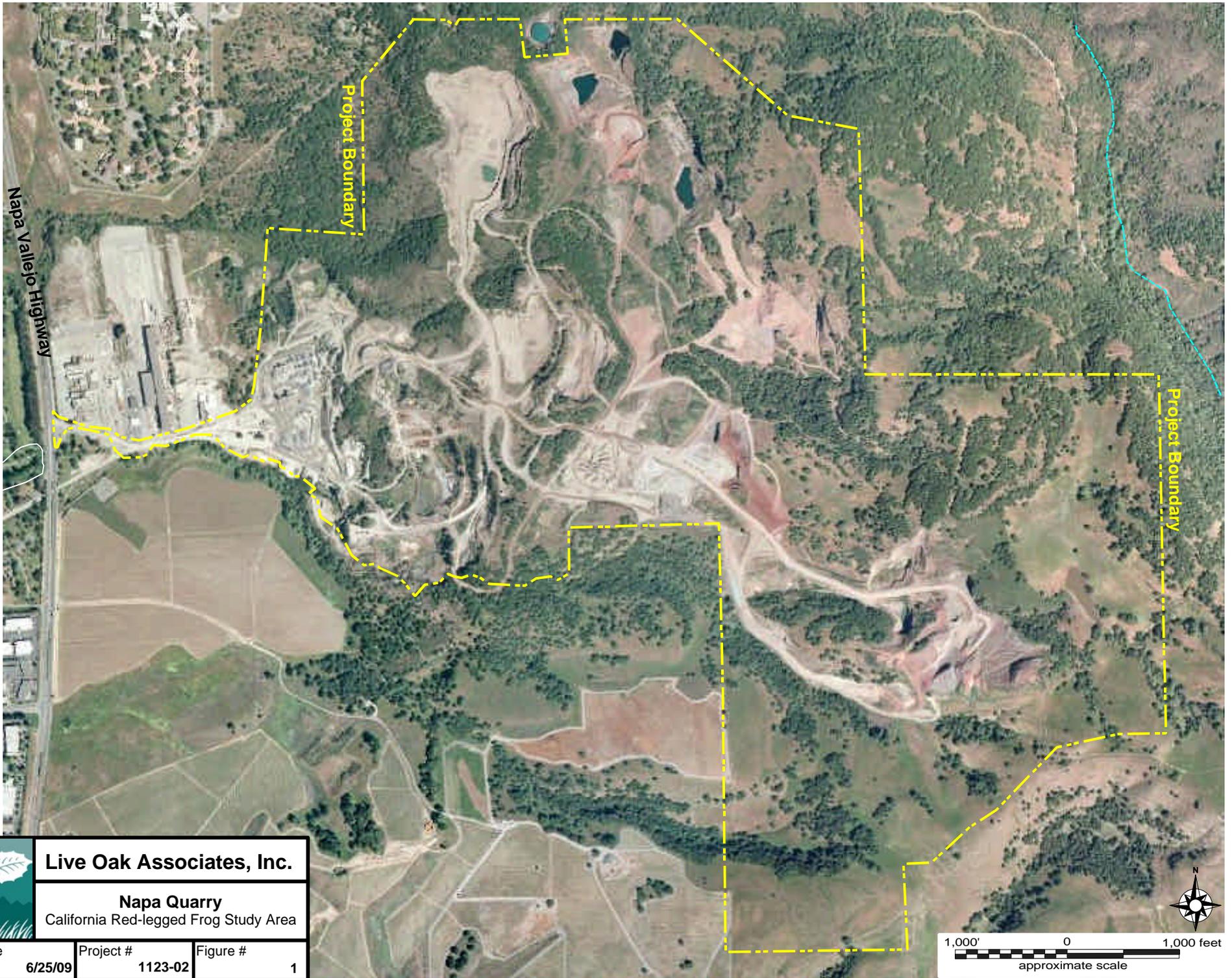
Based on the findings from these surveys, we conclude that California red-legged frogs are absent from the site and, therefore, that proposed project activities would not adversely impact this special status species.

If you have any questions regarding our findings, please feel free to contact me at (408) 281-5886 or via email at doholson@loainc.com at your earliest convenience.

Sincerely,

A handwritten signature in blue ink that reads "Davinna Ohlson". The signature is written in a cursive style with a large initial 'D'.

Davinna Ohlson, M.S.
Senior Project Manager
Plant/Wildlife Ecologist



Live Oak Associates, Inc.

Napa Quarry
California Red-legged Frog Study Area

Date	Project #	Figure #
6/25/09	1123-02	1

