Appendix E

Paleontological Resources Records Search

WESTERN SCIENCE CENTER

July 10, 2025

Kimley-Horn and Associates, Inc.
Coryn Bray
1101 W Town and Country Road, Suite 700
Orange, CA 92868

Dear Coryn Bray,

This letter presents the results of a record search conducted for the Orangethorpe Avenue Warehouse Project in Orange County, California.

The geologic units underlying the project area are mapped as alluvial deposits dating from the Quaternary (Pleistocene-Holocene) (Morton & Miller 1981, *Geologic map of Orange County, California, showing mines and mineral deposits*). Quaternary alluvial units are considered to be fossiliferous and highly paleontologically sensitive. Although the Western Science Center does not have any fossil localities within the project area or 1-mile radius, Quaternary alluvial units throughout Southern California have produced large quantities of fossils, such as the extensive collection from Diamond Valley Lake housed at Western Science Center.

Any fossil specimens recovered from the project would be scientifically significant. Excavation activity associated with the development of the project area would impact the paleontologically sensitive Quaternary units, and it is the recommendation of the Western Science Center that a paleontological resource mitigation program be put in place to monitor, salvage, and curate any recovered fossils from the study area.

If you have any questions, or would like further information, please feel free to contact me at amcdonald@westerncentermuseum.org

Sincerely,

Andrew McDonald

Andrew McDonald, PhD
Curator