

Appendix IS-3

Paleontological Records Search

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11 May 2020

Eyestone Environmental
2121 Rosecrans Avenue, Suite 3355
El Segundo, CA 90245

Attn: Stephanie Eyestone-Jones, President

re: Paleontological resources for the proposed 1000 Seward Project, in the City of Los Angeles, Los Angeles County, project area

Dear Stephanie:

I have conducted a thorough check of our paleontology collection records for the locality and specimen data for the proposed 1000 Seward Project, in the City of Los Angeles, Los Angeles County, project area as outlined on the portion of the Hollywood USGS topographic quadrangle map that Brad Napientek sent to me via e-mail on 27 April 2020. We do not have any vertebrate fossil localities that lie directly within the proposed project area, but we do have localities nearby from the same sedimentary deposits that occur in the proposed project area.

Surface deposits throughout the entire proposed project area consist of soil on top of older Quaternary Alluvium, derived as alluvial fan deposits from the Hollywood Hills immediately to the north. The uppermost layers of these deposits in this vicinity typically do not contain significant fossil vertebrate remains. Just to the northeast of the proposed project area east of the Hollywood Freeway (Highway 101), however, we have four vertebrate fossil localities, LACM 6297-6300, collected from these late Pleistocene deposits at depths between 47 and 80 feet below the surface along Hollywood Boulevard between the Hollywood Freeway (Highway 101) and Western Avenue during excavations for the Metrorail Red Line tunnels and stations. Fossil specimens of horse, *Equus*, bison, *Bison*, camel, *Camelops*, and mastodon, *Mammut americanum*, were recovered from these localities.

Further afield, especially to the south-southwest near the Rancho La Brea asphalt deposits in the Hancock Park region, fossil vertebrates have been recovered at shallower depths. Our closest vertebrate fossil locality in these older Quaternary sediments at shallow depth though is LACM 5845, southeast of the proposed project area near the intersection of Western Avenue and Council Street, that produced a specimen of fossil mastodon, *Mammutidae*, at a depth of only 5-6 feet below the surface. To the southeast of the proposed project area, east-northeast of locality LACM 5845 at about the intersection of Madison Avenue and Middlebury Street, our vertebrate fossil locality LACM 3250 produced a fossil specimen of mammoth, *Mammuthus*, at a depth of about eight feet below street level. To the southwest of the proposed project area, near the intersection of Sierra Bonita Avenue and Oakwood Avenue, our vertebrate fossil locality LACM 3371 produced specimens of fossil bison, *Bison antiquus*, at a depth of 12 feet below the surface.

Very shallow excavations in the older Quaternary Alluvium exposed throughout the proposed project area are unlikely to uncover significant vertebrate fossils. Deeper excavations that extend down into older deposits, however, may well encounter significant vertebrate fossil remains. Any substantial excavations in the proposed project area, therefore, should be monitored closely to quickly and professionally recover any fossil remains discovered while not impeding development. Also, sediment samples should be collected and processed to determine the small fossil potential in the proposed project area. Any fossils collected should be placed in an accredited scientific institution for the benefit of current and future generations.

This records search covers only the vertebrate paleontology records of the Natural History Museum of Los Angeles County. It is not intended to be a thorough paleontological survey of the proposed project area covering other institutional records, a literature survey, or any potential on-site survey.

Sincerely,

A handwritten signature in cursive script that reads "Samuel A. McLeod".

Samuel A. McLeod, Ph.D.
Vertebrate Paleontology

enclosure: invoice