
APPENDIX F
PALEONTOLOGICAL RECORDS SEARCH



October 2, 2019

Dr. Samuel A. McLeod
Vertebrate Paleontology Section
Los Angeles County Museum of Natural History
900 Exposition Boulevard
Los Angeles, California 90007

Subject: Paleontological Resources Records Search for Boyle Warehouse Project, City of Fontana, San Bernardino County, California. UltraSystems Environmental Project No. 7028.

Dear Sam,

UltraSystems Environmental is requesting a record search of paleontological resources regarding the project site location described below and shown on the accompanying map. UltraSystems Environmental Inc. is undertaking a paleontological resources survey in support of a project to construct a warehouse and related facilities on 5.5 acres. The proposed Project will include the demolition of any current buildings, though the Project site is essentially vacant with the exception of some residential structures and scattered trees. The new structure will consist of a 126,665 square foot warehouse including 3,000 sq. ft. of office space and a 3,000 sq. ft. mezzanine. Related on-site improvements will include trash enclosures, screen walls and perimeter fencing, paved parking (85 spaces) and access, and drainage improvements.

The Project is located in southern Fontana, specifically at 15950, 15972, 15990 and 16010 Boyle Avenue, and may be seen on the Fontana, Calif., USGS topographical quadrangles, R 06 W, T 15 N, in N ½ of the SE ¼ of the SE ¼ of Section 24. This is on the northeast corner of the Catawba Avenue/Boyle Avenue intersection, in the City of Fontana, San Bernardino County. The Project site is surrounded by light industry and commercial except to the north where the Project edge is bounded by railroad tracks and the I-10/San Bernardino Freeway. This is shown on the enclosed map and the Project area is depicted with a half-mile buffer zone.

Please address the invoice for this work to me at the address below, and note that the work was conducted for Project #7028.

If you require any additional information or have any questions, please contact me.

Thank you for your help.

Sincerely,

Stephen O'Neil, M.A., RPA
Cultural Resources Manger
(949) 788-4900, ext. 276
soneil@ultrasystems.com

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4 October 2019

UltraSystems Environmental
16431 Scientific Way
Irvine, CA 92618-7443

Attn: Stephen O'Neil, Cultural Resources Manager

Re: Paleontological Records Search for the proposed Boyle Warehouse Project, UltraSystems Environmental Project No. 7028, in the City of Fontana, San Bernardino County, project area

Dear Stephen:

We have conducted a thorough search of our Vertebrate Paleontology records for the proposed Boyle Warehouse Project, UltraSystems Environmental Project No. 7028, in the City of Fontana, San Bernardino County, project area as outlined on the portion of the Fontana USGS topographic quadrangle map that Megan Black Doukakis sent to me via e-mail on 2 October 2019. We do not have any vertebrate fossil localities that lie directly within the proposed project area boundaries, but we do have localities nearby from sedimentary deposits similar to those that may occur at depth in the proposed project area.

The entire proposed project area has surficial sediments composed of younger Quaternary Alluvium, derived as alluvial fan deposits from the San Gabriel Mountains to the north. These deposits typically do not contain significant vertebrate fossils, at least in the uppermost layers, but they may be underlain at relatively shallow depth by older sedimentary deposits that do contain significant fossil vertebrate remains. Our closest fossil vertebrate locality from similar older Quaternary deposits is LACM 7811, southwest of the proposed project area just inside the Riverside County line west of Mira Loma along Sumner Avenue, that produced a fossil specimen of whipsnake, *Masticophis*, at a depth of 9 to 11 feet below the surface. Further to the south-southwest of the proposed project area between Corona and Norco, our vertebrate fossil locality LACM 1207 produced a fossil specimen of deer, *Odocoileus*.

Grading or shallow excavations in the uppermost layers of soil and Quaternary Alluvium in the proposed project area are unlikely to encounter significant fossil vertebrate remains. Deeper excavations that extend down into older Quaternary sediments, however, may well encounter significant vertebrate fossils. Any substantial excavations below the uppermost layers, therefore, should be closely monitored to quickly and professionally collect any specimens without impeding development. Also, sediment samples should be collected and processed to determine the small fossil potential in the proposed project area. Any fossils recovered during mitigation should be deposited in an accredited and permanent 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". The signature is written in black ink and is positioned below the word "Sincerely,".

Samuel A. McLeod, Ph.D.
Vertebrate Paleontology

enclosure: invoice