Natural History Museum
of Los Angeles County
900 Exposition Boulevard
Los Angeles, CA 90007

tel 213.763.DINO
www.nhm.org

NATURAL HISTORY MUSEUM
LOS ANGELES COUNTY

Vertebrate Paleontology Section
Telephone: (213) 763-3325

e-mail: smcleod@nhm.org

14 April 2017

ECORP Consulting, Inc.
215 North Fifth Street
Redlands, CA 92374

Attn: Andrew M. Myers, Associate Archaeologist

re: Paleontological resources for the proposed Victorville Fleet Service Project, ECORP Project # 2014-132.004, in the City of Victorville, San Bernardino County, project area

Dear Andrew:

I have conducted a thorough search of our paleontology collection records for the locality and specimen data for the proposed Victorville Fleet Service Project, ECORP Project # 2014-132.004, in the City of Victorville, San Bernardino County, project area as outlined on the portion of the Hesperia USGS topographic quadrangle map that you sent to me via e-mail on 31 March 2017. We do not have any vertebrate fossil localities that lie directly within the proposed project area boundaries, but we do have localities nearby from the same sedimentary units that occur either at the surface or at depth in the proposed project area.

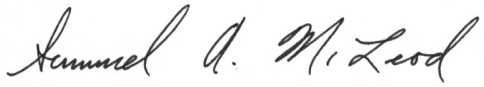
Surface sediments throughout the proposed project area consist of older Quaternary Alluvium, derived as alluvial fan deposits from the San Gabriel Mountains to the south. Somewhat finer-grained older Quaternary deposits, such as those exposed east of the proposed project area, may occur at unknown depth beneath the exposed older Quaternary Alluvium in the proposed project area. Our closest fossil vertebrate locality in these older Quaternary deposits is LACM 1224, northeast of the proposed project area west of Spring Valley Lake, that produced a specimen of fossil camel, *Camelops*. Additionally, east-southeast of the proposed project area, on the western side of the Mojave River below the bluffs, an otherwise unrecorded specimen of mammoth was collected in 1961 from older Quaternary Alluvium deposits. North-northwest of

the proposed project area, between Adelanto and the former George Air Force Base, our older Quaternary locality LACM 7786 produced a fossil specimen of meadow vole, *Microtus*.

Surface grading or shallow excavations in the uppermost few feet of the relatively coarse older Quaternary Alluvium exposed in the proposed project area are unlikely to uncover significant vertebrate fossils. Deeper excavations that extend down into finer-grained older Quaternary deposits, however, may well encounter significant fossil vertebrate 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. Sediment samples should also 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,



Samuel A. McLeod, Ph.D.
Vertebrate Paleontology

enclosure: invoice