

Natural History Museum
of Los Angeles County
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Research & Collections

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April 27, 2021

ECORP

Attn: Michael DeGiovine

re: Paleontological resources for the Jeffries Tank & Improvements Project 2021-055.003

Dear Michael:

I have conducted a thorough search of our paleontology collection records for the locality and specimen data for proposed development at Jeffries Tank & Improvements project area as outlined on the portion of the El Monte USGS topographic quadrangle map that you sent to me via e-mail on April 22, 2021. We do not have any fossil localities that lie directly within the proposed project area, but we do have fossil localities nearby from the same sedimentary deposits that occur in the proposed project area, either at the surface or at depth.

The following table shows the closest known localities in the collection of the Natural History Museum of Los Angeles County.

Locality Number	Location	Formation	Taxa	Depth
LACM VP 3363	W of Monterey Pass Road in Coyote Pass; E of the Long Beach Freeway & S of the N boundary of Section 32; Monterey Park	Unknown Formation (Pleistocene; sand and silt)	Horse (<i>Equus</i>)	unknown
LACM VP 3347	11204 Bluefield; Whittier	La Habra Formation (lacustrine silt with caliche and plant detritus)	Horse (<i>Equus</i>)	2 feet bgs
LACM VP 7702	Intersection of 26th St and Atlantic Blvd, Bell Gardens	Unknown Formation (Pleistocene; silt)	Fish (<i>Gasterosteus</i>); Snake (Colubridae), Rodents (<i>Thomomys</i> , <i>Microtus</i>); Rabbit (<i>Sylvilagus</i>)	30 ft bgs
LACM VP 1023	Workman & Alhambra Sts; eastern downtown LA	Unknown formation	sabertooth cat (<i>Smilodon</i>), horse	Unknown (excavations)

		(Pleistocene)	(<i>Equus</i>), deer (<i>Odocoileus</i>), Turkey (<i>Meleagris</i>)	for storm drains)
LACM VP 2032	Los Angeles Brickyard Mission Rd. & Daly St.; eastern downtown LA	Unknown Formation (Pleistocene, silt & clay)	Mastodon (<i>Mammut</i>)	20-35 ft bgs
LACM VP 1728	W of intersection of English Rd & Peyton Dr, Chino	Unknown (light brown shale with interbeds of very coarse brown sand; Pleistocene)	Horse (<i>Equus</i>), camel (<i>Camelops</i>)	15-20 ft bgs

VP, Vertebrate Paleontology; IP, Invertebrate Paleontology; bgs, below ground surface

This records search covers only the records of the Natural History Museum of Los Angeles County (“NHMLA”). It is not intended as a paleontological assessment of the project area for the purposes of CEQA or NEPA. Potentially fossil-bearing units are present in the project area, either at the surface or in the subsurface. As such, NHMLA recommends that a full paleontological assessment of the project area be conducted by a paleontologist meeting Bureau of Land Management or Society of Vertebrate Paleontology standards.

Sincerely,



Alyssa Bell, Ph.D.
Natural History Museum of Los Angeles County

enclosure: invoice