

**Appendix D:
Cultural Resources**

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D.1 - Native American Heritage Commission Response

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STATE OF CALIFORNIA

Edmund G. Brown, Jr., Governor

NATIVE AMERICAN HERITAGE COMMISSION

1650 Harbor Blvd.
West Sacramento, CA 95681
(916) 373-3710
Fax (916) 373-6471



August 18, 2014

Carrie D. Wills
FIRST Carbon Solutions
1350 Treat Blvd., Ste 360
Walnut Creek, CA 94597

By Fax: 925-357-2572
2 Pages

RE: Trellis Residential project, Contra Costa County

Ms. Wills,

A record search of the sacred land file has failed to indicate the presence of Native American cultural resources in the immediate project area. The absence of specific site information in the sacred lands file does not indicate the absence of cultural resources in any project area. Other sources of cultural resources should also be contacted for information regarding known and recorded sites.

Enclosed is a list of Native Americans individuals/organizations who may have knowledge of cultural resources in the project area. The Commission makes no recommendation or preference of a single individual, or group over another. This list should provide a starting place in locating areas of potential adverse impact within the proposed project area. I suggest you contact all of those indicated, if they cannot supply information, they might recommend others with specific knowledge. By contacting all those listed, your organization will be better able to respond to claims of failure to consult with the appropriate tribe or group. If a response has not been received within two weeks of notification, the Commission requests that you follow-up with a telephone call to ensure that the project information has been received.

If you receive notification of change of addresses and phone numbers from any of these individuals or groups, please notify me. With your assistance we are able to assure that our lists contain current information. If you have any questions or need additional information, please contact me at (916) 373-3713.

Sincerely,


Debbie Pillas-Treadway
Environmental Specialist III

**Native American Contacts
Contra Costa County
August 15, 2014**

Katherine Erolinda Perez
P.O. Box 717
Linden, CA 95236
kanutes@verizon.net
(209) 887-3415

Ohlone/Costanoan
Northern Valley Yokuts
Bay Miwok

The Ohlone Indian Tribe
Andrew Galvan
P.O. Box 3152
Fremont, CA 94539
shochenyo@AOL.com
(510) 882-0527 Cell
(510) 687-9393 Fax

Ohlone/Costanoan
Bay Miwok
Plains Miwok
Patwin

Trina Marine Ruano Family
Ramona Garibay, Representative
30940 Watkins Street
Union City, CA 94587
soaprootmo@comcast.net
(510) 972-0645

Ohlone/Costanoan
Bay Miwok
Plains Miwok
Patwin

This list is current only as of the date of this document.

Distribution of this list does not relieve any person of statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 5097.94 of the Public Resource Section 5097.96 of the Public Resources Code

This list is only applicable for contacting local Native Americans with regard to cultural resources for the proposed Trellis Residential project, Contra Costa County

D.2 - Paleontological Records Search

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Kenneth L. Finger, Ph.D.
Consulting Paleontologist

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August 9, 2014

Carrie Wills
FirstCarbon Solutions
2633 Camino Ramon, Ste. 460
San Ramon, CA 94583

**Re: Paleontological Records Search: Trellis Residential Project (2444.0006),
Walnut Creek, Contra Costa County, California**

Dear Ms. Wills:

As per your request, I have conducted a search of the University of California Museum of Paleontology (UCMP) database for the Trellis Residential Project site in Walnut Creek, Contra Costa County. The proposed project is located on NE1/4, Sec. 3, T1S, R2W, Walnut Creek (Dibblee, 1980a) and Las Trampas Ridge (Dibblee, 1980b) quadrangles (USGS 7.5-series topographic maps). This parcel has been heavily disturbed by local development.

Geologic Units

The entire project site (outlined in yellow on the adjacent map) is mapped as Holocene alluvium, but the hills nearby include older units that likely form the stratigraphic sequence (see map legend) in the site's subsurface.

-
- Qa** Younger Quaternary alluvium (Holocene)
 - Qoa** Older Quaternary alluvium (Pleistocene)
 - Tmss** Includes Briones, Cierbo, Neroly, & Hambre sandstones (Miocene)
 - Tmsl** Unnamed siltstone (Miocene)
 - Tmso** Sobrante Sandstone (Miocene)
 - Tmsr** San Ramon Fm. (Oligo-Miocene)
 - Tkm** Markley Sanstone Member, Kreyenhagen Fm. (Eocene)



UCMP Database Records Search

A records search of the UCMP database on the two topographic quadrangles revealed 53 vertebrate localities of which two are in the Briones Sandstone and 37 are in unidentified units that

probably are among those of Miocene age; the units of the remaining 16 localities are named, but none are mapped in the vicinity of the project site. The database also list seven plant localities, including two in the San Ramon Formation, two in unidentified units, and three in named units not mapped in the vicinity. The UCMP database also lists vertebrate fossils from Pleistocene alluvium and the Hambre and Markley sandstones elsewhere in Contra Costa County. In particular are 63 localities in Pleistocene alluvium (Qoa) and 18 in the Briones Formation (Tmss). An extremely rich RanchoLabrean vertebrate fauna of 9,923 specimens represents 62 late Pleistocene localities and an Irvingtonian fish represents the single middle Pleistocene locality (see attached table). All of those localities are in the Walnut Creek Quadrangle.

Those in the Miocene Briones Formation yielded 36 marine vertebrate fossils of Barstovian age, including *Squatina* (angel shark), batoids (rays and skates), Osteichthyes (boney fish), Aves (birds), cetaceans (dolphins, whales), and the extinct marine mammal *Desmostylus hesperus* (publication).

Remarks and Recommendations

A paleontological walkover survey of the site prior to construction is not warranted because it is devoid of geologic exposures. The results of the records search indicate that excavations anywhere within the project site, if deep enough, could disturb paleontologically sensitive units. It would therefore be prudent to have a qualified cultural resources monitor onsite during excavations exceeding a depth of 10 feet. Should any vertebrate bones or teeth be unearthed by the construction crew, their work in the immediate vicinity of the discovery should cease until the monitor or a professional paleontologist evaluates the find for its scientific value. If deemed significant, it should be salvaged and deposited in an accredited and permanent scientific institution (e.g., UCMP), where it will be properly curated and preserved for the benefit of current and future generations.

If I can be of further assistance on this project, please do not hesitate to contact me.

Sincerely,



References Cited

- Dibblee, T. W., Jr., 1980a. Preliminary geologic map of the Walnut Creek Quadrangle. USGS Open-File Report OF-80-351.
- Dibblee, T. W., Jr., 1980b. Preliminary geologic map of the Las Trampas Ridge Quadrangle, Contra Costa and Alameda counties, California. USGS Open-File Report OF-80-545.

UCMP VERTEBRATES FROM THE WALNUT CREEK QUADRANGLE

Class Amphibia

Order Anura

Pseudoacris (chorus frog)

Rana (pond frog)

Order Caudata or Urodela

Ambystoma (mole salamander)

Aneides lugubris (arboreal salamander)

Taricha (newt)

Class Reptilia

Order Sauria

Elgaria (alligator lizards)

Gerrhonotus coeruleus (northern alligator lizard)

Sceloporus (spiny lizards)

Order Testudines

Clemmys marmorata (western pond turtle)

Class Aves

Order Anseriformes

Melanitta (scoter)

Order Culidae

Geococcyx (roadrunner)

Order Galliformes

Callipepla (quail)

Centrocercus (sage grouse)

Order Passeriformes

Euphagus (New World blackbirds)

Turdus (true thrushes)

Order Strigiformes

Asio flammeus (short-eared owl)

Class Mammalia

Order Insectivora

Scapanus latimanus (broad-footed mole)

Sorex ornatus (ornate shrew)

Order Xenartha

Glossotherium harlani (Harlan's ground sloth)

Megalonyx jeffersoni (Jefferson's flat-footed ground sloth)

Order Lagomorpha

Sylvilagus bachmani (cottontail rabbit)

Order Rodentia

Microtus californicus (California meadow vole)

Neotoma fuscipes (dusky-footed wood rat)

Peromyscus maniculatus (white-footed mouse)

Peromyscus truei (pinyon mouse)

Tamias (chipmunk)

Otospermophilus beecheyi (California ground squirrel)

Thomomys bottae (Botta's pocket gopher)

Order Chiroptera

Antrozous pallidus (pallid bat)

Eptesicus fuscus (big brown bat)

Lasiurus (hairy-tailed bat)

Order Carnivora

Procyon lotor (raccoon)

Ursus americanus (American black bear)

Order Proboscidea

Mammut americanum (American mastodon)

Order Perissodactyla

Equus (horse)

Order Artiodactyla

Camelops hesternus (yesterday's camel)