

RESULTS AND DISCUSSION

Archaeological Inventory Survey-level investigations were conducted on a 40-acre property adjacent to the current Central Maui Landfill. Full pedestrian survey and excavation of 30 trenches in a portion of the project area did not yield evidence for any historic properties, in either context. In the events that pre-Contact activities previously occurred in the project area, they likely were disturbed/erased by intensive, industrial-level sugar cane cultivation in the past 100 years. It is doubtful, however, that intensive pre-Contact activities would have occurred in this area, given its location on the far periphery of direct water sources, good soils, or exploitation environments (marine, uplands).

RECOMMENDATIONS

Based on the absence of any historic properties in the project area, as well as the shallow, sterile soils encountered during trenching, no further archaeological work is recommended for this project area.

REFERENCES

Burgett, B. and Robert L. Spear

- 1997 Inventory Survey of Pu'unēnē Bypass/Mokulele Highway Improvements Corridor, Pulehunui and Wailuku Ahupua'a Wailuku District, Island of Maui, Hawai'i (TMK:3-8:04, 05, 06, 07). Scientific Consultant Services, Inc., Honolulu.

Foote, D. E., E. L. Hill, S. Nakamura, and F. Stephens

- 1972 *Soil Survey of the Islands of Kauai, Oahu, Maui, Molokai, and Lanai, State of Hawaii*. U.S. Dept. of Agriculture, Soil Conservation Science and University of Hawai'i Agricultural Experimentation Station. Washington D.C., U.S. Govt. Printing Office.

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- 1988 *An Archaeological Inventory Survey Preliminary Report on a Parcel of Land (232 Acres) in Kahului, Maui, Hawai'i*. On File State Historic Preservation Division Office, Kapolei.
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Giambelluca, T.W., Q. Chen, A.G. Frazier, J.P. Price, Y.-L. Chen, P.-S. Chu, J.K. Eischeid, and D.M. Delparte,

- 2013 Online Rainfall Atlas of Hawai'i. Bull. Amer. Meteor. Soc. 94, 313-316, doi: 10.1175/BAMS-D-11-00228.1. Accessed August 4, 2017.

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- 2008 *A Cultural Impact Assessment of a Land Parcel in Pu'unēnē Ahupua'a, Wailuku District, Maui Island Hawai'i (TMK: 3-8-01:002 por.)* Scientific Consultant Services, Inc., Honolulu.

Thrum, T.G.

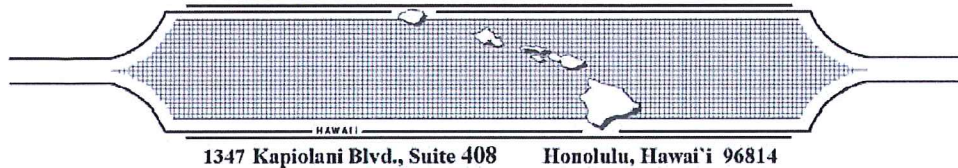
- 1908 Hawaiian Annual for 1909, Honolulu.

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- Web Soil Survey. <https://websoilsurvey.sc.egov.usda.gov/App/HomePage.htm>. (Accessed September 2017).

United States Geological Survey (USGS)

1922. Kihei Quadrangle. 1:31,680 scale.
1955. Paia Quadrangle. 1:24,000 scale.
1983. Paia Quadrangle. 1:24,000 scale.



Revision Log for SCS Project 1902 AA-2 (Log No. 2016.02062 / Doc No. 1709MBF14)

1. If the area is undeveloped land, as indicated in the "Introduction" to the report, why do you go on to say there was private construction activities within the project area?

"Undeveloped" has been removed. The area was extensively modified by industrial agriculture.

2. Need to have full citation for USGS map used in Figure 1.

Reference added to caption.

3. Always provide a date when capturing imagery from Google Earth.

Fig 3 has been replaced with a map of project area soils.

4. Explain why the "representative portion" of the survey chosen for trenching does not include the entire northwestern-most half of the project area. Backhoe access is not a reason for not conducting subsurface testing. If the goal was to provide a good cross-section of "subsurface matrices," as indicated on page 11, why are all the trenches concentrated in one portion of the project area, and further clustered therein among the general concentration of 30 trenches? On page 10, you make the statement that "little archaeological work has taken place in and around the current project area near lower Pu'unene." If that is true, what is the logic behind stopping short of testing the entire project area?

Fig 3 illustrates soil types found in the project area. Note that the majority of the project area soils consist of Waiakoa silty clay loam which limited excavation as bedrock is found at shallow depths such as 33 inches. Also note as described in the text (p13) that a portion of the project area consisted of exposed bedrock.

5. Are the stratigraphic trench descriptions on page 19 just out of order? are they typos? How the STs are numbered is confusing.

This was a typo.

7. In the "Laboratory Methodology" section it is stated that collected archaeological materials have been curated at the SCS lab in Honolulu. What materials? The AA indicates there were no artifacts collected. If there were, should SCS consult with the landowner and SHPD on the appropriate curation, per the rules for an AIS?

This has been clarified in the text. Field notes are curated at the SCS Honolulu office.

8. Correct all grammatical errors throughout the text, including, but not limited to citing large portions of text. Such as on page 8 for example, please indent from both margins the portions of text you are citing. Correct line and paragraph spacing throughout, these must be consistent. Do not orphan text or figures. By placing the figures on pages 3 and 4, the one and only paragraph describing the environmental setting is split mid- sentence. While seemingly inconsequential, the flow of the document is important for ease of reading. Please correct the capitalization of common nouns, such as archaeological inventory survey.

The report has been thoroughly proofread for version AA-2.

9. Please edit the statement in the "Results and Discussion" section from excavation of 30 trenches "...across the project area" to "...in a portion of the project area." The last statement is confusing. There is no evidence of Historic era uses tied to sugar cane or no uses at all?

No historic properties were encountered during the course of the project, including those that could be related to sugar cane cultivation. This sentence has been edited.

10. Ensure all citations are in the bibliography and are cited correctly in an appropriate format. Do not include citations in your bibliography that are not in the text. Also, take note that none of your references in the "Traditional and Historical Background" section are less than ten years old. Please attempt to identify more recent literature to include with or replace literature that might be considered outdated.

The background section has been updated to be consistent with archaeological assessment requirements HAR §13-276-5(a)/13-284-5(b)(5)(A) and to better relate to the project area and surrounding region.