



Tom Nance Water
Resource Engineering

No. of pages: 1
Email: Colleen@munekiyohiraga.com
dschaefer@pulamalanai.com
greg@tnwre.com

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be mailed to you.

August 26, 2015
15-187 | 10-21

Dave Ward and Bill Frampton
Olowalu Town, LLC
2035 Main Street, Suite No. 1
Wailuku, Hawaii 96793

SUBJECT: Report Entitled *Impact on Water Resources of the Olowalu Town Project*
(Dated September, 2011)

Dear Mr. Ward and Mr. Frampton:

My report addresses hydro-geologic conditions at Olowalu and provides an estimate of impacts on water resources associated with the proposed action. The report, when prepared in September, 2011, addressed Alternative 1, the Preferred Alternative. With the adoption of the Maui Island Plan (MIP) in December 2012, Alternative 2 was introduced as a second alternative within the realm of implementation potential. Alternative 2 reflects a master plan concept which follows the MIP's growth boundaries. That is, lands makai of Honoapiilani Highway are not included as part of the Master Plan. Both Alternatives 1 and 2 call for the development of up to 1,500 residential units and between 300,000 to 375,000 square feet of commercial space.

The analysis in my report addresses project water use (potable water and non-potable irrigation water) and wastewater generation. Since residential unit count and commercial space development plans under both Alternative 1 and Alternative 2 are identical, the analysis contained in our report would apply to both scenarios. Similarly, the drainage system and wastewater system assumptions used in our study are applicable to both alternatives.

Significantly, the hydro-geological analysis contained in my report reflects existing technical characteristics such as watershed parameters, water quality, flow rates, and groundwater occurrence. Since the 2011 preparation of my report, no new circumstances have arisen that would suggest the possibility of different or likely increased environmental impacts not previously dealt with in the 2011 report. Accordingly, the research, analysis, and conclusions presented in my report remain applicable for both Alternative 1 and Alternative 2.

Sincerely,

A handwritten signature in blue ink that reads 'Tom Nance'.

Tom Nance

cc: Colleen Suyama – Munekiyo Hiraga
Greg Fukumitsu and Todd Yonamine – TNWRE, Inc.