None from Mele (Kauai DEC05)

Hanapepe Meel 4 (5-5-05)

180 - 210  Hard Blue RK
215 - 220  Blue/Blk RK
220 - 225  Blk
225 - 230  Soft red lava
230 - 240  Gray lava
240 - 250  Blue lava
250 - 255  Gray puha RK
255 - 260  Gray & Corn RK
260 - 290  Gray Rx (still no water)
290 - 292  Blue & Gray Rx
292 - 298  14 Blk Rx
298 - 305  Firm Brown & Gray firm
305 - 310  Blue & Gray Rx
310 - 315  Pick Blue & Grn Rx (water at 310')
315 - 321  Gray Rx
321 - 326  Blue & Gray sand (D.W. 310'-315')
326 - 328  Blk sand & Gravel
328 - 345  14 Blk Rx
345 - 355  Red Mud & Lava
355 - 360  Red/Brown & Blue Congestion (Cong. 80' away to 360')
360 - 365  Blk lava
August 30, 1988

Mr. Raymond H. Sato
Manager and Chief Engineer
Department of Water
County of Kauai
P.O. Box 1706
Lihue, Hawaii 96766

Dear Mr. Sato:

In order to complete our well record files, we would appreciate your providing us location and elevation of the subject well. Please accurately mark the location and elevation of the well on the enclosed map and return it to our office. For your information, enclosed is a salinity profile from water samples obtained by our staff on February 16, 1988.

Thank you for your cooperation.

Sincerely,

MANABU TAGOMORI
Deputy for Water Resource Management

MO:ko
Enc.
<table>
<thead>
<tr>
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<th>DATE:</th>
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<td>D. Lum</td>
<td>See Me</td>
<td>CALL</td>
<td>Review &amp; Comment</td>
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<td>K. Oshiro</td>
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<td>D. Stewart</td>
<td>FOR YOUR</td>
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<td>M. Tagomori</td>
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<td>G. Akita</td>
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<td>L. Chang</td>
<td>S. Kokubun</td>
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WAT. A. SOURCES FLOOD CONTROL BRANCH
Division of Water and Land Development

FROM: WATER RESOURCES & FLOOD CONTROL BRANCH

DATE:
FILE IN: 

REMARKS: 

G. MATSUMOTO

D. Lum
E. Sakoda
D. Nakano
M. Ohye
T. Nakama
R. Jinnai
S. Miyamoto
S. Samuels
S. Chow
D. Hamada
K. Oshiro
D. Stewart
M. Tagomori
G. Akita
L. Chang
S. Kokubun

--ATSUMOTO

See Me
Call
Review & Comment
Take Action
Investigate & Report
Draft Reply
Acknowledge Receipt
Type Draft
Type Final
Xerox copies
File
Mall

Please: See Me
Call
Review & Comment
Take Action
Investigate & Report
Draft Reply
Acknowledge Receipt
Type Draft
Type Final
Xerox copies
File
Mall

TO: INITIAL:

Please:

Remarks: DRILLED: FEB. 1988
| T.D.: 510' |

No Drill Permit.

WELL ABANDONED - HIGH SALT.
COUNTY OF KAUAI DWS

Is location correct? We need elev to get depth below S.L.

Draft Reply

Location Request 8/20/84

We need elev to get depth below S.L.
### Chloride Titration Record

**Location:** Kaula Island  
**Project or Job No.:** FEB 16 1988

**Well:** WAIKAPUPE #4  
**Sampling Conducted by:** H. Otake

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<th>Date Taken</th>
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<th>Burette Rdg After</th>
<th>AgNO₃ (ml)</th>
<th>AgNO₃ - .2 ml</th>
<th>Mult. Factor</th>
<th>Chlorides (ppm)</th>
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**Note:** Samples obtained with Thief sampler.
GENTLEMEN:

WE ARE SENDING YOU ☑️ Attached ☐ Under separate cover via _________

the following items:

☐ Shop drawings ☐ Prints ☐ Plans ☐ Samples ☐ Specifications

☐ Copy of letter ☐ Change order ☐ Tracings ☐

<table>
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</tr>
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THESE ARE TRANSMITTED as checked below:

☑️ For approval ☐ Approved as submitted.

☑️ For your use ☐ Approved as noted

☐ As requested ☐ Returned for corrections

☐ For review and comment ☐

REMARKS

________________________________________________________

If enclosures are not as noted, kindly notify us at once.
ENVIRONMENTAL IMPACT ASSESSMENT
DIV. OF WATER &
AND
LAND DEVELOPMENT

NEGATIVE DECLARATION
FOR

HANAPEPE WELL NO. 4

HANAPEPE WATER SYSTEM
DOW Job No. 83-4

Hanapepe, Kauai, Hawaii
TMK: 1-8-07:10

Proposing Agency:
Department of Water
County of Kauai
P. O. Box 1706
Lihue, Hawaii 96766

Responsible Official: ___________________________ Date ____________

Raymond H. Sato
Manager & Chief Engineer

Prepared By:
Portugal & Associates, Inc.
4334 Rice Street, Suite 204
Lihue, Hawaii 96766

December 1986
I. PROJECT LOCATION AND DESCRIPTION

The proposed Well No. 4 will be located near the intersection of the Hanapepe Valley and the Hapahi Gulch, and approximately 180 feet above the valley floor. The well will be 275 feet deep and expect to pump 300 gpm.

II. ENVIRONMENTAL SETTING

Hanapepe Valley is a narrow, deep valley formed by erosion due to the Hanapepe River. The Kapahi Gulch forms a portion of the Hanapepe River drainage basin and is located about 7,000 feet from the river mouth.

The well will be located on the rim of the valley and adjacent to a cane field. The site will be overlooking Hanapepe Town and Port Allen Harbor.

This site is on State land leased to Olokele Sugar Co. for cane cultivation. Access to this site is through Olokele Sugar Co. cane roads from Hanapepe Heights Houselots and partially passing through Robinson land.

Travel distance is approximately 3.0 miles from Hanapepe Heights.

Soil consists of Ioleau silty clay loam, Makaweli silty clay loam and Waiawa, extremely rocky soil. Soil condition is of no big concern with this project since the project consists of mainly drilling a well underground. Of greater concern is how to transplant the water to the Awawa Road at the valley floor once it is pumped. It is expected that a pipeline will be installed on concrete pedestals running down the slope from the rim to the floor.

III. ENVIRONMENTAL IMPACT

The proposed project will have a minimal impact on the environment of Hanapepe Valley, because the final improvement will consist of a control building, pump base and power source, requiring only about 2,000 square feet. The height of the building will be 8 feet, less than the height of the trees along the rim and thus not visible from the valley.

This well, if successful, will act as a standby well for the Hanapepe System. It is not intended as an additional source to allow for additional growth of the area, but for use in case of a breakdown of the existing well located upstream next to the Hanapepe River and which is inaccessible during inclement weather.
IV. ALTERNATIVE CONSIDERED:

Two other sites were considered, both of which are located on the opposite rim of the Hanapepe Valley. These sites held more promise for water than the selected site, but were owned by the Robinson family who are reluctant to grant permission to drill on their land. Rather than face a land condemnation procedure, the site on the west rim was selected.

V. AGENCIES CONSULTED

The following agencies were consulted during preparation of this assessment:

Division of State Parks (Ralston H. Nagata)
Department of Land and Natural Resources
State of Hawaii

Planning Department (Avery H. Youn)
County of Kauai

U.S. Fish & Wildlife Service (Ernest Kosaka)

U.S. Soil Conservation Service (Laurie Ho)

Division of Forestry and Wildlife (Ralph E. Daehler)
Department of Land and Natural Resources
State of Hawaii

The Olokele Sugar Company has also been made aware of this project.

VI. ASSESSMENT OF IMPACTS

The proposed project will not have any significant adverse impacts on the natural environment of Hanapepe Valley since the above ground features will be minimal. The finished well is intended to act only as a standby well in case of emergencies.

Therefore, a Negative Declaration is found to be appropriate for this project.