

JOHN WAIHEE
GOVERNOR OF HAWAII

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OFC. OF ENVIRONMENTAL
QUALITY CONTROL



STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
DIVISION OF WATER AND LAND DEVELOPMENT

P. O. BOX 373
HONOLULU, HAWAII 96809

MAY 23 1994

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BOARD OF LAND AND NATURAL RESOURCES

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AQUACULTURE DEVELOPMENT
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HISTORIC PRESERVATION
LAND MANAGEMENT
STATE PARKS
WATER AND LAND DEVELOPMENT

Dr. Bruce Anderson, Interim Director
Office of Environmental Quality Control
220 South King Street, 4th Floor
Honolulu, Hawaii 96813

Dear Dr. Anderson:

Final Environmental Assessment
Puu Anahulu Exploratory Well Drilling
Puu Anahulu, North Kona, Hawaii

Pursuant to Section 11 of the Environmental Impact Statement Rules, transmitted are four (4) copies of the Final Environmental Assessment and Notice of Determination (Negative Declaration). Also attached is a completed OEQC Bulletin Publication Form.

If there are any questions on this matter, please have your staff contact Mr. Edward Lau of the Project Development Branch at extension 70227.

Sincerely,

A handwritten signature in black ink, appearing to read "Manabu Tagomori".

MANABU TAGOMORI
Manager-Chief Engineer

EL:ek
Enc.

bc: Design & Constr.Br.DOWALD

1994-06-08-HI-FEA - Puu Anahulu
Exploratory Well

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JUN - 8 1994

FINAL
ENVIRONMENTAL ASSESSMENT
AND
NEGATIVE DECLARATION

Job No. 8-HW-K

Puu Anahulu Exploratory Well Drilling
Puu Anahulu, North Kona, Hawaii

State of Hawaii
Department of Land and Natural Resources
Division of Water and Land Development
May 1994

Draft Environmental Assessment
for
Job No. 8-HW-K
Puu Anahulu Exploratory Well Drilling
Puu Anahulu, North Kona, Hawaii

I. APPLICANT

Division of Water and Land Development
Department of Land and Natural Resources

II. APPROVING AGENCY

Department of Land and Natural Resources

III. AGENCIES TO BE CONSULTED

COUNTY OF HAWAII

Planning Department
Department of Water Supply

STATE OF HAWAII

Office of Hawaiian Affairs
Department of Hawaiian Homes Lands
Commission on Water Resource Management, DLNR
Historic Preservation Division, DLNR
Division of Forestry and Wildlife, DLNR
Division of Land Management, DLNR

IV. GENERAL DESCRIPTION OF THE ACTION'S CHARACTERISTICS

The purpose of this project is to explore for a new groundwater source for the North Kona District. This exploratory well drilling is part of the "Statewide Exploratory Well Drilling Program" to locate new groundwater sources and to gather hydro-geologic data on the quality and quantity of groundwater resources. It is also consistent with the Hawaii Water Plan, which calls for new source development in North Kona to meet growing demands.

Should this well proves successful, it will be developed into a production well and a separate environmental assessment will be prepared at that time. In the event that the exploration is not successful, the well will be sealed and the area restored as much as practical, to its natural condition.

1. Technical

The proposed project involves the drilling, casing and testing of an 18-inch diameter exploratory well approximately 1,635 feet deep at Puu Anahulu in North Kona, Hawaii.

The technical characteristics of the proposed exploratory well are as follows:

Ground Elevation:	±1545 feet
Casing Diameter:	18 inches
Depth of Solid Casing:	1500 feet
Depth of Full Flo Shutter Screen:	45 feet
Depth of Open Hole:	1635 feet (as required)
Total Maximum Depth:	1635 feet
Duration of Pump Test:	72-150 hours
Proposed Pump Test Range:	300-1400 gpm
Length of Project:	360 days
Estimated Construction Cost:	\$1,200,000.00

2. Economic:

The proposed project site is located in the North Kona District on the northwestern side of the island of Hawaii (See Exhibit 1). This district is the fastest growing district on the island, a growth spurred by an expanding visitor industry. It is the major economic activity of the district. The population of the district increased by 62.1 percent from 13,748 in 1980 to 22,284 in 1990.

The well if develop, will play an important role in fulfilling the present and future needs of the district. The additional water will reduce economic losses due to periodic droughts, provide water for the planned growth, increase fire protection, and provide an adequate and reliable water supply to the existing communities without threat of shortages during drought conditions.

The construction portion of the project should be completed in 360 calendar days after receipt of notice to proceed. The preliminary construction cost estimate for the project is \$1,200,000.00.

Funds for this project are available through Act 300, SLH 1992, Item D-14A.

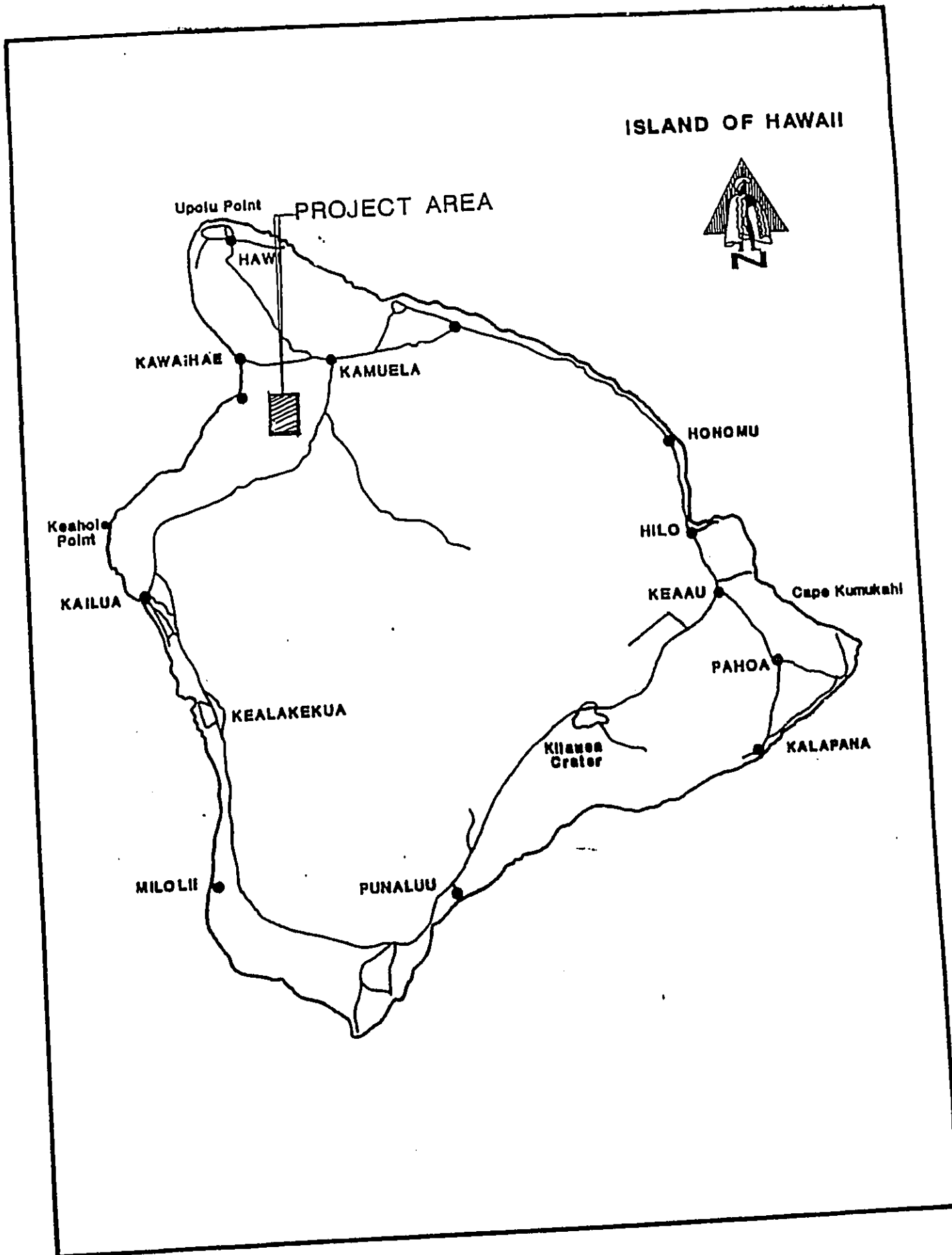


EXHIBIT 1

3. Environmental:

The anticipated environmental impacts will be primarily short-term associated with the construction activities such as the site preparation, drilling, and pump testing. Use of drilling a rig, drilling bits and rods, generators and pipe racks will

create temporary dust and noise. Noise and dust are not considered significant for this project. The closest residence is approximately 3 miles from the project proposed site. Dust control provisions will be included in the contract specification. Drilling work will be restricted to eight hours during the day and as specified in Chapter 44B, Public Health Regulations. The test pumping unit shall be electrically or fossil fuel powered and shall be designed and sound-proofed so that the test pump will not exceed the noise levels allowed by applicable regulations of the Department of Health.

After the well has been drilled to the specified depth and cased, a temporary pump assembly will be installed in the well to test the groundwater aquifer for yield and water quality. The pump test will be conducted over a continuous 72 to 150 hour period. The rate of discharge from the well shall be controlled by an appropriate valve and measured with an appropriate water meter. The water pumped from the well will be discharged into an existing natural drainage way or into a drain sump. Impacts of the testing on the water table will be temporary and will cause no undue stress on the basal aquifer.

V. SUMMARY DESCRIPTION OF THE AFFECTED ENVIRONMENT

The proposed well site is located on State land identified by TMK: 7-1-03:1 in the North Kona District of the island of Hawaii. Access to the site is from an existing unimproved jeep road which passes Puu Hinai center cone and ends approximately 3,000 feet north of the proposed well site (See Exhibits 2 and 3).

The well site is located in uninhabited area. The closest house is approximately 3 miles from the project site. The terrain is very rugged. Thick grass-covered aa flows. At the well site, the lava flows form a series of large steps and the top of the flows are 30 to 40 feet above the surrounding terrain.

The Kona District lies on the leeward side of two large mountains, Mauna Loa (Elevation 13,018) and Hualalai (Elevation 8,251 feet). The area between the two mountains is approximately 5,000 feet at its lowest elevation, thus effectively shielding Kona from trade winds. During the day the large expanses of land absorb large amounts of heat, creating updrafts toward the summits. The ocean air that is drawn upward contains moisture and if an adequate amount of air is drawn to the top of the inversion layer, condensation occur.

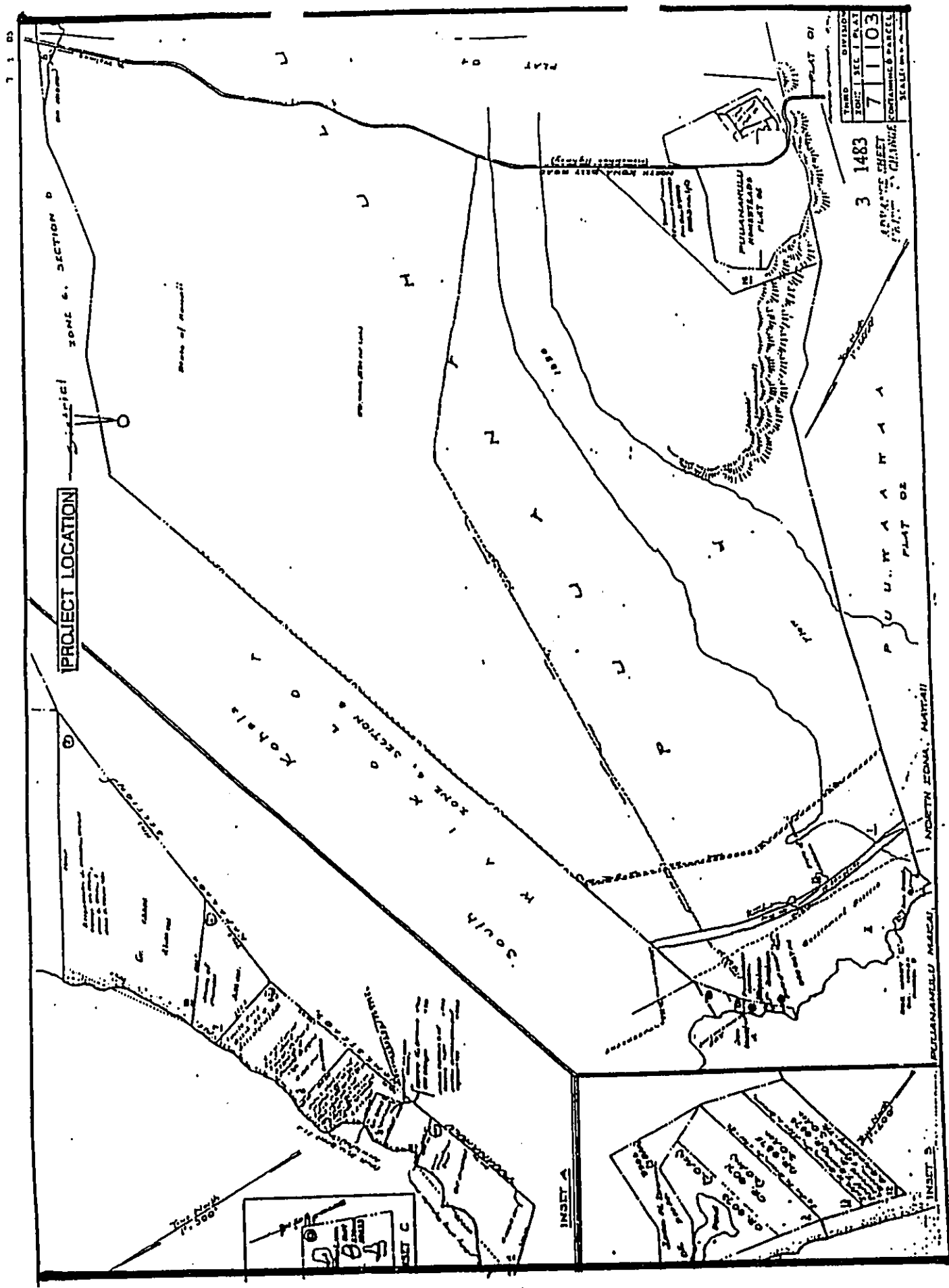


EXHIBIT 2

The annual rainfall for the well site varies from about 15 inches to more than 20 inches. The soils of the project area are classified by the Conservation Service as belonging to the Kaimu and Punaluu Series. This series consist of well-drained, thin organic soils over Aa lava and pahoehoe lava-bedrock respectively. They are gently sloping to moderately steep soils on uplands at elevations ranging from near sea level to 1,000 feet.

The State Land Use Commission's designation of the the project site is Agriculture (A) and does not require a Conservation Distict Use Permit. The Puu Anahulu area is situated in land zoned Unplanned by the County of Hawaii. The district is of a mixed rural and agricultural character, majority of which is agricultural.

No endangered, rare, or threatened species of fauna or flora are expected at this site. It is very unlikely that any archeological or historic sites will be affected by the construction of this project. However, if anything of possible significance is found during construction, work will be halted and the Historic Preservation Division will be contacted. The Historic Preservation Division has been notified and requested to do an archeological survey of the project area.

VI. DISCUSSION OF THE ASSESSMENT PROCESS

An informal hydrogeologic study of the North Kona area was conducted to identify the potential areas for groundwater exploration. This was followed by engineering analysis to determine the improvement requirements and costs of various alternate well sites and associated environmental and social impacts. A field reconnaissance of the project site was conducted to investigate the physical environment and confirm the earlier conclusions made from researching reference materials.

Evaluation of the effects of the proposed exploratory well indicates that there will be no significant adverse effects on the environment.

VII. IMPACTS AND ALTERNATIVE CONSIDERED

The anticipated environmental impacts will be short-term and primarily from the construction work involved in the site preparation, drilling, and pump testing of the exploratory well.

A working pad, approximately 5,000 square feet in area, will be needed for the drilling equipment and material storage. Approximately 3,000 feet by 20 feet wide roadway will be cleared for equipment access.

Construction activities will be guided by applicable County and State laws, contract documents, and enforced through field inspections. The contractor will be required to comply with the Department of Health regulations governing construction noise and dust. Should any archeological or historic sites be discovered during construction work will be halted and the State Office of Preservation Division will be notified.

There are two possible alternatives to the proposed project: taking no action or finding an alternative site.

The "no action" alternative would preclude the investigation of groundwater sources and the possibility of developing a new water source for the area. This alternative would not meet the objectives of the Hawaii County Water Use and Development Plan, which calls for the continuation of the State exploratory well drilling program.

Alternate sites were considered for the proposed well. However, based on the hydrogeologic conditions, cost, risk and environmental and social impacts considered during the engineering analysis, the selected site was considered to be superior to the alternative sites.

VIII. DETERMINATION

In accordance with Chapter 343, Hawaii Revised Status, it is determined that the proposed project would not have any significant adverse effects on the environment. Any potentially negative impacts resulting from the drilling and testing of the Puu Anahulu Exploratory Well should be insignificant and temporary. Based on the findings of this Environmental Assessment, an Environmental Impact Statement is not required and this Final Environmental Assessment is hereby being filed as a Negative Declaration.

REFERENCES

- State of Hawaii, Department of Business and Economic Development and Tourism, The State of Hawaii Data Book, 1992.
- State of Hawaii, Division of Water and Land Development, Environmental and Negative Declaration, Hulalai Exploratory Well, 1992.
- State of Hawaii, Division of Water and Land Development, Environmental Assessment, Tanks and Connecting Pipeline, Kona Water Project
- State of Hawaii, Division of Water and Land Development, Environmental Assessment, North Kona (Kalaoa Exploratory Well, 1990)

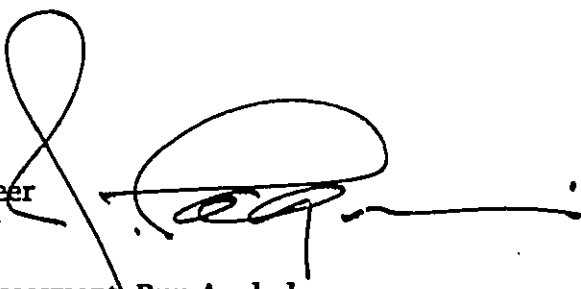
APPENDIX A

Comments and Responses
to the
Draft Environmental Assessment

STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
Division of Water and Land Development

MAY 23 1994

TO: Don Hibbard, Administrator
State Historic Preservation Division

FROM: Manabu Tagomori, Manager-Chief Engineer
Division of Water and Land Development 

SUBJECT: Job No. 8-HW-K, Draft Environmental Assessment, Puu Anahulu
Exploratory Well Drilling, Puu Anahulu, North Kona, Hawaii

Thank you for your comments regarding the subject project.

Rest assured, that we will contact your office when the contractor has completed flagging the center line of the proposed roadway, so archeological survey can be conducted before clearing and grading.

Should you have any questions, please contact Mr. Edward Lau of the Project Development Branch at extension 70227.

COPY



STATE OF HAWAII

DEPARTMENT OF LAND AND NATURAL RESOURCES

HAWAII HISTORIC PLACES REVIEW BOARD
33 SOUTH KING STREET, 6TH FLOOR
HONOLULU, HAWAII 96813

April 13, 1994

KEITH W. AHUE, CHAIRPERSON
BOARD OF LAND AND NATURAL RESOURCE

DEPUTIES

JOHN P. KEPPELER, II
DONA L. HANAKE

AQUACULTURE DEVELOPMENT
PROGRAM

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ENVIRONMENTAL AFFAIRS
CONSERVATION AND

RESOURCES ENFORCEMENT
CONVEYANCES

FORESTRY AND WILDLIFE
HISTORIC PRESERVATION

DIVISION

LAND MANAGEMENT

STATE PARKS


WATER AND LAND DEVELOPMENT

LOG NO: 11345

DOC NO: 9404CK10

MEMORANDUM

TO: Manabu Togomori, Manager-Chief Engineer
Division of Water and Land Development

FROM: Don Hibbard, Administrator
State Historic Preservation Division 

SUBJECT: Division of Water and Land Development
Job No. 8-HW-K, Draft Environmental Assessment Review
Pu'u Anahulu Exploratory Well Drilling
Pu'u Anahulu, North Kona, Hawaii

HISTORIC PRESERVATION PROGRAM CONCERNS:

In a previous memorandum, we indicated that the project area had not yet been archaeologically surveyed. Prior to the construction of the proposed access road, the contractor must flag the center of the proposed road in order that an intensive archaeological survey be done for a width of fifteen feet on each side of the center line (thirty feet wide corridor). As soon as the contractor has flagged the center line, please contact Ms Carol Kawachi of our Inter-Agency staff. An archaeological survey to determine the presence or absence of historic sites must be done prior to any road clearing or grading. The proposed access road will be cutting across the South Kohala-North Kona boundary and a trail, therefore, it is likely that boundary and trail markers are present. Also present may be temporary habitation and water holes in the exposed lava tubes, and if part of the flow is pahoehoe lava, chill glass sources and workshops.

As soon as Ms Kawachi has done her archaeological survey, we will be able to make a determination regarding the impact of your project upon any significant historic sites.

Should you have any questions, please call Ms. Carol Kawachi of our Inter-Agency Section at 587-0016.

c: Dickey Lee, Inspection Section Head
Susie Agraan, Project Development
George Miyashiro, Design Section Head

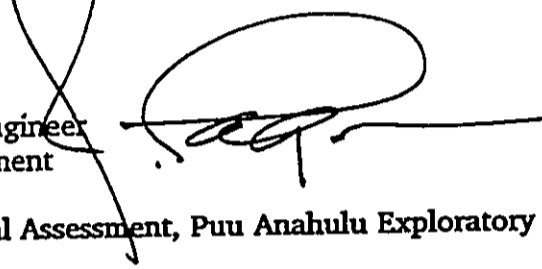
STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
Division of Water and Land Development

MAY 23 1994

TO: Michael G. Buck, Administrator
Division of Forestry and Wildlife

FROM: Manabu Tagomori, Manager-Chief Engineer
Division of Water and Land Development

SUBJECT: Job No. 8-HW-K, Draft Environmental Assessment, Puu Anahulu Exploratory
Well Drilling, North Kona, Hawaii



Thank you for your comments regarding the subject project.

The project site is south of the District Boundary and is outside of the Puu Anahulu Game Management area. Illegal hunters will not be able to use the proposed roadway, since the gated access road leading to the proposed roadway is being controlled by the Waikoloa Development Company.

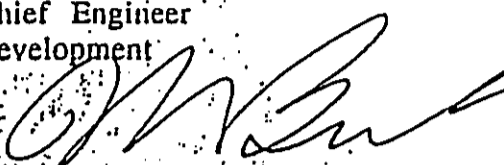
Should you have any questions, please have your staff call Mr. Edward Lau of the Project Development Branch at extension 70227.

Department of Land & Natural Resources
Division of Forestry and Wildlife

MEMORANDUM:

April 15, 1994

TO: Manabu Tagomori, Manager-Chief Engineer
Division of Water and Land Development

FROM: Michael G. Buck, Administrator 

SUBJECT: Job No. 8-HW-K, Draft Environmental Assessment, Puu Anahulu
Exploratory Well Drilling, North Kona, Hawaii

Thank you for allowing DOFAW to review the above subject matter. It is somewhat difficult to locate the proposed drilling site. Puu Hina is identified on other maps as Puu Hinai. Exhibits 2 & 3 show conflicting project locations; one being north of the District Boundary, the other south. If the project is indeed located within the Puu Anahulu Game Management Area, the only objection would be to the proposed roadway. New roadways are not a welcome factor in control illegal hunting. Unless the project can be accommodated at the end of an existing roadway, the project should be relocated. We would like to be able to assist you in this endeavor if necessary. Any questions or comments can be addressed to Mr. Charles Wakida, Hawaii DOFAW Branch Manager, at 933-4221.

cc: Hawaii Branch

DIV. OF WATER &
LAND DEVELOPMENT

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JOHN WAIHEE
GOVERNOR OF HAWAII



STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
DIVISION OF WATER AND LAND DEVELOPMENT

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HONOLULU, HAWAII 96809

MAY 23 1994

KEITH W. AHUE, CHAIRPERSON
BOARD OF LAND AND NATURAL RESOURCES

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JOHN P. KEPPELER, II
DONA L. HANAIKE

AQUACULTURE DEVELOPMENT
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HISTORIC PRESERVATION
LAND MANAGEMENT
STATE PARKS
WATER AND LAND DEVELOPMENT

Mr. Ken Melrose, Vice President
Waikoloa Water Company
Development and Planning
150 Waikoloa Beach Drive
Kamuela, Hawaii 96743

Dear Mr. Melrose:

Draft Environmental Assessment
Puu Anahulu Exploratory Well Drilling
Puu Anahulu, North Kona, Hawaii

Thank you for your letter of May 5, 1994, supporting the subject project. Your letter will be included in the Final Environmental Assessment.

Rest assured, that before construction, a right-of-entry to your parcel of land for access to and from the project site will be requested from you.

Should you have any questions, please contact Mr. Edward Lau of the Project Development Branch at 587-0227.

Sincerely,

A handwritten signature in black ink, appearing to read "Manabu Tagomori".

MANABU TAGOMORI
Manager-Chief Engineer

EL:ek



May 5, 1994

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DIV. OF WATER &
LAND DEVELOPMENT

Department of Land and
Natural Resources
Division of Water and Land
Management
Attention: Edward Lau
1151 Punchbowl Street, Room 227
Honolulu, Hawaii 96813

RE: Draft Environmental Assessment
Puu Anahulu Exploratory Well Drilling

Gentlemen:

Waikoloa Land Company, the developer of the 31,000-acre master-planned community of Waikoloa, is the owner of the adjacent lands to the north of the proposed Puu Anahulu Exploratory Well Drilling project. The proposed project is one that we consider to be necessary to assist the State of Hawaii in gaining much needed, accurate information about the aquifer systems of the Big Island.

As such, we offer our support of the project and for a negative declaration determination. In addition, we are prepared to cooperate with the Department of Land and Natural Resources should access to the proposed site over our lands be necessary.

Sincerely,

Ken Melrose
Vice President,
Development & Planning

ac

c: Mr. Steve Hicks, General Manager
Waikoloa Water Company
Office of Environmental Quality Control

150 Waikoloa Beach Drive Kamuela, Hawaii 96743 Phone (808) 885-1000 Fax (808) 885-8896

JOHN WAIHEE
GOVERNOR OF HAWAII



STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
DIVISION OF WATER AND LAND DEVELOPMENT

P. O. BOX 373
HONOLULU, HAWAII 96809

MAY 25 1994

KEITH W. AIUE, CHAIRPERSON
BOARD OF LAND AND NATURAL RESOURCES

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DONA L. HANAIKE

AQUACULTURE DEVELOPMENT
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HISTORIC PRESERVATION
LAND MANAGEMENT
STATE PARKS
WATER AND LAND DEVELOPMENT

Ms. Patricia Tummons
187-C Hokulani Street
Hilo, Hawaii 96720

Dear Ms. Tummons:

Draft Environmental Assessment
Puu Anahulu Exploratory Well Drilling
Puu Anahulu, North Kona, Hawaii

Thank you for your comments regarding the subject project.

We are aware that the Land Board approval was for 12-inch diameter well, while the Draft Environmental Assessment mentioned an 18-inch well. It is our intent to inform the Land Board of the changes once the Well Construction Permit for an 18-inch well, which we filed on April 4, 1994, is approved by the Water Commission.

This project is for exploration only. A well is not considered a production well unless proven successful and developed. Well development involves the installation of pump and related appurtenances, pipeline connection to existing distribution water system, control building, electrical power line and access road.

We hope your concerns have been satisfactory addressed. If you have any further questions, please contact Mr. Edward Lau of the Project Development Branch in Honolulu at 587-0227.

Sincerely,


MANABU TAGOMORI
Manager-Chief Engineer

SA:ek

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187-C Hukulani St.
Hilo HI 96720

94 MAY 12 P 1: 37

May 11, 1994

Mr. Edward Lau
DOWALD - DLNR
1151 Punchbowl Street, Room 227
Honolulu HI 96813

DIV. OF WATER &
LAND DEVELOPMENT

RE: Draft Environmental Assessment for Pu'u
Anahulu Exploratory Well Drilling

Dear Mr. Lau:

I wish to express several concerns about this project.

First, the project as expressed in this EA differs dramatically from that which was approved by the Board of Land and Natural Resources at its meeting of February 25, 1994. At that time, the Land Board authorized the award of a construction contract for this job (No. 8-HW-K). As presented to the Board by DOWALD, the contract was for \$410,315.

The project has not been revisited by the Land Board since then. However, according to the EA, the job is now projected to cost \$1.2 million. I believe the public, as well as the Land Board, is owed an explanation of this increase. In addition, I would ask for an explanation of how DOWALD can authorize such a vast increase in the contract value without approval from the Land Board.

Also, the Land Board approval on February 25, 1994, was for a 12-inch diameter well. The EA proposes drilling of an 18-inch diameter well -- which translates to an increase in pumping capacity of more than 2 times. It is difficult indeed to describe this as an exploratory well, as the EA describes this project.

Furthermore, on February 25, 1994, the Land Board was told that there was no intention for this well to be anything more than an exploratory well. Mr. Manabu Tagomoro, DOWALD director, was pointedly asked if this would be converted to a production well. In response, he informed the Board that DOWALD was "just drilling for knowledge."

In the Environmental Assessment, however, the conversion of this so-called exploratory well to a production well is clearly anticipated. Quoting from page 2 of the EA: "Should this well proves [sic] successful, it will be developed into a production well and a separate environmental assessment will be prepared at that time... The well if develop, [sic] will play an important

role in fulfilling the present and future needs of the district."

What is anticipated here is a classic example of the incrementalism that the Chapter 343 is explicitly intended to forbid. If this project is approved and an 18-inch well is dug, it is difficult to imagine how there could possibly be any meaningful environmental assessment, since virtually all impacts that could arise in association with the drilling of a production well would have already occurred in association with the drilling of the 18-inch diameter "exploratory" well. The production well EA would for all intents and purposes be an after-the-fact document.

I would argue that no one in their right minds would drill an 18-inch well if the well's purpose is merely exploratory. In other words, the size of the bore hole is in itself evidence of the intention to turn this well into a production well. As such, this EA should not be for an exploratory well at all, but for a full production well. Until it is revised to reflect this intention, it should be rejected.

Regardless of the purpose of the well, compliance with the rules and regulations of the Commission on Water Resource Management must be assured. I do not believe that any well drilling permit has been applied for to date. Is it not premature for the state Division of Water and Land Development to be issuing contracts for such work before all requisite permits are in hand? What assurance does the public have that DOWALD will be seeking these permits? The EA should address this point.

On page 7, the EA references "an informal hydrogeologic study of the North Kona area... followed by engineering analysis to determine the improvement requirements and costs of various alternate well sites and associated environmental and social impacts." I do not find these studies identified in the list of references attached to the EA. More information needs to be provided on these studies. In addition, the fact that the engineering study considered "improvement requirements and cost of various alternate well sites and associated environmental and social impacts" once more suggests that the description of this well as "exploratory" in nature is a sham that is intended to hide the real scope of the project.

In closing, let me summarize my concerns:

- * This project has not been approved or authorized by the Board of Land and Natural Resources, and until it obtains such authorization, it may not legally proceed.
- * This project has not obtained the needed permits from the state Commission on Water Resource Management.
- * This project is clearly for a production well; the promise of a future EA to cover the production aspect is tantamount to segmenting of the project to avoid full environmental disclosure at the very beginning of the project and, as such, constitutes a violation of Chapter 343.

I trust that my concerns will be fully addressed before this project moves forward.

Sincerely,

Patricia Tummons

Patricia Tummons

cc: Mr. Keith Ahue
Mr. Christopher Yuen
Mr. Leslie Segundo
Ms. Rae Loui

JOHN WAIHEE
GOVERNOR OF HAWAII



STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
DIVISION OF WATER AND LAND DEVELOPMENT

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KEITH W. AHUE, CHAIRPERSON
BOARD OF LAND AND NATURAL RESOURCES

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AQUACULTURE DEVELOPMENT
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HISTORIC PRESERVATION
LAND MANAGEMENT
STATE PARKS
WATER AND LAND DEVELOPMENT

Ms. Jojo Tanimoto, President
Kawaihae Hawaiian Homes Homeowners
Community Association
P.O. Box 44337
Kawaihae, Hawaii 96743

Dear Ms. Tanimoto:

Draft Environmental Assessment
Puu Anahulu Exploratory Well Drilling
Puu Anahulu, North Kona, Hawaii

Thank you for your letter of May 11, 1994 for the subject project. In response to your questions, we are happy to provide the following information:

1. This exploratory well drilling project is not a part of the Department of Hawaiian Home Lands land exchanges in Puu Anahulu.
2. The proposed landfill is approximately 4.5 miles southwest of the project site.
3. Since we are drilling an exploratory well, no excavation work is involved.

If you have any questions, please contact Mr. Edward Lau of the Project Development Branch in Honolulu at 587-0227.

Sincerely,

A handwritten signature in black ink, appearing to read "Manabu Tagomori".

MANABU TAGOMORI
Manager-Chief Engineer

SA:ek

KAWAIHAE HAWAIIAN HOMES HOMEOWNERS
COMMUNITY ASSOCIATION
P. O. BOX 44337
KAWAIHAE, HI 96743
PHONE: 326-7182 (0)

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94 MAY 19 P 3: 31

DIV. OF WATER &
LAND DEVELOPMENT

May 11, 1994

Mr. Edward Lau
Dept. of Land and Natural Resources
Division of Water and Land Development
1151 Punchbowl St., Rm. 227
Honolulu, HI 96813

RE: PUU ANAHULU EXPLORATORY WELL DRILLING

Dear Mr. Lau:

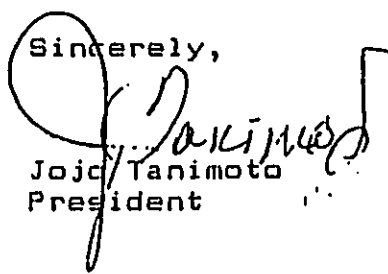
In 1992, the West Hawaii Today newspaper (local newspaper) wrote an article about the Department of Hawaiian Home Lands awaiting land exchanges in Puu anahulu.

Since this is part of the Statewide Exploratory Well Drilling Program, will this well be a process of this land exchange? Where in relativity is this well in comparison to the landfill? Where is the material resources going to be stored once excavated? If this is topsoil, is it possible to request for beneficiary use in Kawaihae since our awarded lots were excavated and hauled away?

Is there any other information that you can forward to us?

Mahalo for allowing us this time to request information. We await your reply.

Sincerely,


Jojo Tanimoto
President