

NEIL ABERCROMBIE  
GOVERNOR OF HAWAII



PLANNING DEPARTMENT  
COUNTY OF HAWAII

APR 15 PM 12: 53

WILLIAM J. AILA, JR.  
CHAIRPERSON  
BOARD OF LAND AND NATURAL RESOURCES  
COMMISSIONER IN CHARGE WATER RESOURCE MANAGEMENT

**STATE OF HAWAII  
DEPARTMENT OF LAND AND NATURAL RESOURCES  
LAND DIVISION**

POST OFFICE BOX 621  
HONOLULU, HAWAII 96809

April 14, 2014

County of Hawaii  
Planning Department  
Attention: Mr. Jeff Darrow  
101 Pauahi Street, Suite 3  
Hilo, Hawaii 96720

via email: [jdarrow@co.hawaii.hi.us](mailto:jdarrow@co.hawaii.hi.us)

Dear Mr. Darrow:

**SUBJECT:** Special Permit (SPP 14-000162); Request: To Establish a New Quarry, Jas W. Glover, Ltd., Applicant, South Hilo, Hawaii; TMK: (3) 2-1-013:004

Thank you for the opportunity to review and comment on the subject matter. The Department of Land and Natural Resources' (DLNR) Land Division distributed or made available a copy of your report pertaining to the subject matter to DLNR Divisions for their review and comments.

At this time, enclosed are comments from the (i) Engineering Division, and (ii) Hawaii District Land Office on the subject matter. Should you have any questions, please feel free to call Kevin Moore at 587-0426. Thank you.

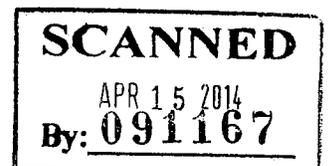
Sincerely,

A handwritten signature in black ink, appearing to read "Russell Y. Tsuji".

Russell Y. Tsuji  
Land Administrator

Enclosure(s)

**EXHIBIT**  
**17**



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2014 APR 16



**STATE OF HAWAII**  
**DEPARTMENT OF LAND AND NATURAL RESOURCES**  
**LAND DIVISION**

POST OFFICE BOX 621  
HONOLULU, HAWAII 96809

March 21, 2014

**MEMORANDUM**

TO: FR:

**DLNR Agencies:**

- Div. of Aquatic Resources
- Div. of Boating & Ocean Recreation
- Engineering Division
- Div. of Forestry & Wildlife
- Div. of State Parks
- Commission on Water Resource Management
- Office of Conservation & Coastal Lands
- Land Division – Hawaii District
- Historic Preservation

TO: FROM:

FR

Russell Y. Tsuji, Land Administrator

SUBJECT:

Special Permit (SPP 14-000162); Request: To Establish a New Quarry

LOCATION:

South Hilo, Hawaii; TMK: (3) 2-1-013:004

APPLICANT:

Jas W. Glover, Ltd.

Transmitted for your review and comment is information on the above-referenced application. A complete copy of the permit application is available for review in the Land Division office in Honolulu. We would appreciate your comments on this application. Please submit any comments by April 11, 2014.

If no response is received by this date, we will assume your agency has no comments. If you have any questions about this request, please contact Kevin Moore at 587-0426. Thank you.

- We have no objections.
- We have no comments.
- Comments are attached.

Signed:

Print name:

Cecy S. Cheng, Chief Engineer

Date:

3/27/14

cc: Central Files

14 MAR 21 PM 2:44 ENGINEERING

2014 MAR 27 PM 2:58

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LAND DIVISION

091167

DEPARTMENT OF LAND AND NATURAL RESOURCES  
ENGINEERING DIVISION

2014 APR 15 PM 12: 53

LD/ Russell Y. Tsuji

REF: Special Permit Application (SPP 14-000162) To Establish a New Quarry, South Hilo  
Hawaii.021

COMMENTS

- (X) We confirm that the project site, according to the Flood Insurance Rate Map (FIRM), is located in Flood Zone X. The National Flood Insurance Program does not have any regulations for developments within Zone X.
- ( ) Please take note that the remainder of the project site according to the Flood Insurance Rate Map (FIRM), is located in Zones \_\_\_\_.
- ( ) Please note that the correct Flood Zone Designation for the project site according to the Flood Insurance Rate Map (FIRM) is \_\_\_\_.
- ( ) Please note that the project site must comply with the rules and regulations of the National Flood Insurance Program (NFIP) presented in Title 44 of the Code of Federal Regulations (44CFR), whenever development within a Special Flood Hazard Area is undertaken. If there are any questions, please contact the State NFIP Coordinator, Ms. Carol Tyau-Beam, of the Department of Land and Natural Resources, Engineering Division at (808) 587-0267.

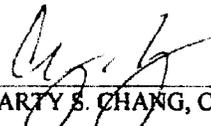
Please be advised that 44CFR indicates the minimum standards set forth by the NFIP. Your Community's local flood ordinance may prove to be more restrictive and thus take precedence over the minimum NFIP standards. If there are questions regarding the local flood ordinances, please contact the applicable County NFIP Coordinators below:

- ( ) Mr. Mario Siu Li at (808) 768-8098 of the City and County of Honolulu, Department of Planning and Permitting.
  - ( ) Mr. Frank DeMarco at (808) 961-8042 of the County of Hawaii, Department of Public Works.
  - ( ) Mr. Carolyn Cortez at (808) 270-7813 of the County of Maui, Department of Planning.
  - ( ) Mr. Stanford Iwamoto at (808) 241-4884 of the County of Kauai, Department of Public Works.
- ( ) The applicant should include project water demands and infrastructure required to meet water demands. Please note that the implementation of any State-sponsored projects requiring water service from the Honolulu Board of Water Supply system must first obtain water allocation credits from the Engineering Division before it can receive a building permit and/or water meter.
  - ( ) The applicant should provide the water demands and calculations to the Engineering Division so it can be included in the State Water Projects Plan Update.

( ) Additional Comments: \_\_\_\_\_

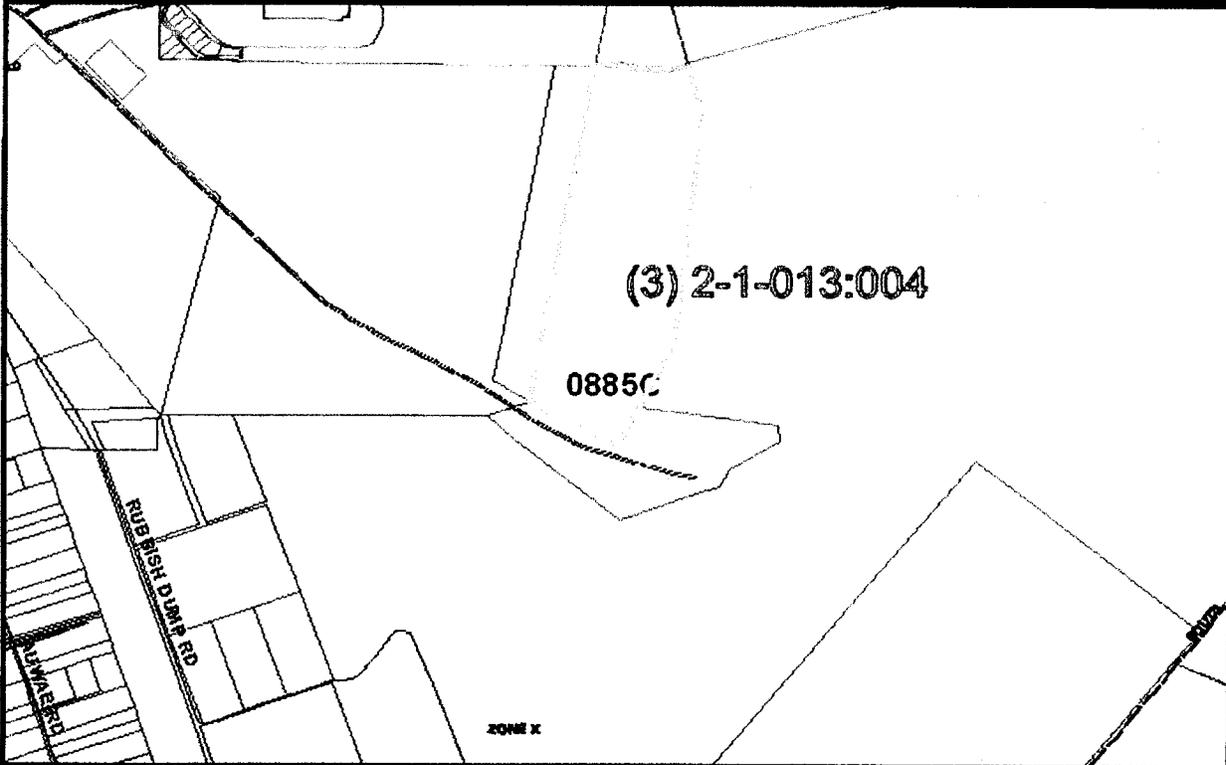
( ) Other: \_\_\_\_\_

Should you have any questions, please call Mr. Dennis Imada of the Planning Branch at 587-0257.

Signed:   
CARY S. CHANG, CHIEF ENGINEER  
Date: 3/27/14

091167

FLOOD HAZARD ASSESSMENT REPORT



NATIONAL FLOOD INSURANCE PROGRAM

FLOOD ZONE DEFINITIONS

**SPECIAL FLOOD HAZARD AREAS SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD** – The 1% annual chance flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zone A, AE, AH, AO, V, and VE. The Base Flood Elevation (BFE) is the water-surface elevation of the 1% annual chance flood. Mandatory flood insurance purchase applies in these zones:

- Zone A: No BFE determined.
- Zone AE: BFE determined.
- Zone AH: Flood depths of 1 to 3 feet (usually areas of ponding); BFE determined.
- Zone AO: Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined.
- Zone V: Coastal flood zone with velocity hazard (wave action); no BFE determined.
- Zone VE: Coastal flood zone with velocity hazard (wave action); BFE determined.
- Zone AEF: Floodway areas in Zone AE. The floodway is the channel of stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without increasing the BFE.

**NON-SPECIAL FLOOD HAZARD AREA** – An area in a low-to-moderate risk flood zone. No mandatory flood insurance purchase requirements apply, but coverage is available in participating communities.

- Zone XS (X shaded): Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.
- Zone X: Areas determined to be outside the 0.2% annual chance floodplain.

**OTHER FLOOD AREAS**

- Zone D: Unstudied areas where flood hazards are undetermined, but flooding is possible. No mandatory flood insurance purchase requirements apply, but coverage is available in participating communities.

PROPERTY INFORMATION

COUNTY: HAWAII  
 TMK NO: (3) 2-1-013-004  
 PARCEL ADDRESS:  
 FIRM INDEX DATE: APRIL 02, 2004  
 LETTER OF MAP CHANGE(S): NONE  
 FEMA FIRM PANEL(S): 1551660885C  
 PANEL EFFECTIVE DATE: SEPTEMBER 16, 1988

PARCEL DATA FROM: JUNE 2013  
 IMAGERY DATA FROM: MAY 2005

IMPORTANT PHONE NUMBERS

County NFIP Coordinator  
 County of Hawaii  
 Frank DeMarco, CFM (808) 961-8042  
 State NFIP Coordinator  
 Carol Tyau-Beam, P.E., CFM (808) 587-0267

*Disclaimer: The Department of Land and Natural Resources (DLNR) assumes no responsibility arising from the use of the information contained in this report. Viewers/Users are responsible for verifying the accuracy of the information and agree to indemnify the DLNR from any liability, which may arise from its use.*

*If this map has been identified as 'PRELIMINARY' or 'UNOFFICIAL', please note that it is being provided for informational purposes and is not to be used for official/legal decisions, regulatory compliance, or flood insurance rating. Contact your county NFIP coordinator for flood zone determinations to be used for compliance with local floodplain management regulations.*

NEIL ABERCROMBIE  
GOVERNOR OF HAWAII



PLANNING DEPARTMENT  
COUNTY OF HAWAII

2014 APR 15 PM 12:00

WILLIAM J. AILA, JR.  
CHAIRPERSON  
BOARD OF LAND AND NATURAL RESOURCES  
COMMISSION ON WATER RESOURCE MANAGEMENT



**STATE OF HAWAII  
DEPARTMENT OF LAND AND NATURAL RESOURCES  
LAND DIVISION**

POST OFFICE BOX 621  
HONOLULU, HAWAII 96809

2014 MAR 24 P 1:49

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LAND DIVISION  
HILO, HAWAII

March 21, 2014

**MEMORANDUM**

TO:

**DLNR Agencies:**

- Div. of Aquatic Resources
- Div. of Boating & Ocean Recreation
- Engineering Division
- Div. of Forestry & Wildlife
- Div. of State Parks
- Commission on Water Resource Management
- Office of Conservation & Coastal Lands
- Land Division - Hawaii District
- Historic Preservation

FROM:

*fr* Russell Y. Tsuji, Land Administrator *KEA*

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- We have no objections.
- We have no comments.
- Comments are attached.

Signed:

Print name: GORDON C. HETTRICH

Date: 3/27/14

cc: Central Files

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