

PROPOSED

[Issuance Date]

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

06-XXXE CAB
File No. 0355

Mr. Jason E. Macy
Vice-President
West Hawaii Concrete
P. O. Box 1390
Kailua-Kona, Hawaii 96745

Dear Mr. Macy:

Subject: Permit Amendment
Temporary Covered Source Permit (CSP) No. 0355-02-CT
Application for Significant Modification No. 0355-03
West Hawaii Concrete
Stone Processing Plants
Located at: Waimea Quarry, Kamuela, Hawaii
UTM: Zone 5 224,304m E; 2,209,676m N (NAD-83)
Date of Expiration: October 15, 2008

Pursuant to Hawaii Administrative Rules (HAR), Section 11-60.1-104, for a significant modification application, the Department of Health hereby amends the subject covered source permit. This amendment adds a tertiary crusher, two (2) diesel engine generators (DEGs), and two (2) 3-deck screens to the subject permit and allows the increase of equipment to be operated at the Waimea Quarry only. The issuance of this amendment is based on the information that you submitted as part of your application dated October 18, 2005, and its revisions dated November 30, and December 12 and 29, 2005. A receipt for the application filing fee of \$500.00 is enclosed.

The following Special Condition No. A.1 in Attachment II, issued with CSP No. 0355-02-CT dated October 16, 2003, is superseded as follows:

Section A. Equipment Description

1. This permit encompasses the portable 800 tph and 1,130 tph stone processing plants, initially consisting of the following equipment and associated appurtenances:
 - a. 800 tph plant w/ 545 kW diesel engine generator (DEG)
 - 1) Grizzly feeder;
 - 2) 800 tph Cederapids initial jaw crusher (model no. 3042, serial no. 43383);
 - 3) 155 tph Symons shorthread cone crusher (model no. 41/4, serial no. 40047);

- 4) 6x20 JCI screen (serial no. 00LPI2132);
 - 5) 5x16 El Jay screen (serial no. 34C2292);
 - 6) 250 tph Cedarapids horizontal rotor secondary impactor (model no. 5048, serial no. 43411);
 - 7) 545 kW Caterpillar DEG (model no. 3412, serial no. 81Z09602, max. 39.9 gph fuel oil no. 2);
 - 8) Various conveyors; and
 - 9) Watersprays
- b. 1,130 tph plant w/ 1,000 kW DEG
- 1) Grizzly feeder;
 - 2) 1,130 tph Cedarapids initial jaw crusher (model no. 4248, serial no. 52073);
 - 3) Two (2) 8'x20' Cedarapids triple deck screens (serial nos. 52075 and 52076);
 - 4) 645 tph Cedarapids ElJay cone crusher (model no. MVP 450, serial no. 52074);
 - 5) 400 tph Canica vertical shaft impactor (model no. 100, serial no. 100368-03);
 - 6) 1,000 kW Cummins DEG (model no. 1000DFHD, serial no. 2177-03, max. 63.3 gph fuel oil no. 2);
 - 7) Various conveyors; and
 - 8) Watersprays
- c. 545 kW Caterpillar DEG (model no. 3412, serial no. 81Z10333, max. 39.9 gph fuel oil no. 2) as a back-up for either location.
- d. Additional Equipment
- 1) 400 tph Canica vertical shaft impactor (model no. 100, serial no. 10012590);
 - 2) 545 kW Caterpillar DEG (model no. 3412, serial no. 81Z09675, max. fuel rate 39.6 gph);
 - 3) 155 kW Caterpillar DEG (model no. 3306, serial no. 66D17769, max. fuel rate 12.6 gph);
 - 4) 6x18 Pep Vari-Vibe III 3-deck screen (serial no. 961224); and
 - 5) 8x20 Deister 3-deck screen (serial no. 1030566).

The following Special Condition No. C.1 in Attachment II, issued with CSP No. 0355-02-CT dated October 16, 2003, is superseded as follows:

Section C. Operational Limitations

1. Maximum Amount of Equipment

- a. For each portable stone processing plant location, the maximum amount of equipment shall be as follows:
 - 1) One (1) primary crusher;
 - 2) One (1) secondary crusher;
 - 3) One (1) tertiary crusher;
 - 4) Two (2) DEGs;

- 5) Two (2) screens; and
- 6) Various conveyors.

b. Waimea Quarry may have the maximum amount of equipment as follows:

- 1) One (1) primary crusher;
- 2) One (1) secondary crusher;
- 3) One (1) tertiary crusher;
- 4) Three (3) DEGs
- 5) Four (4) screens; and
- 6) Various conveyors.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-90)

The following Special Condition No. C.3.a.4) in Attachment II, issued with CSP No. 0355-02-CT dated October 16, 2003, is added as follows:

- 4) At Waimea Quarry, there shall be a minimum of 100' between the DEGs.

The following Special Condition No. C.3.b.4) in Attachment II, issued with CSP No. 0355-02-CT dated October 16, 2003, is added as follows:

- 4) The total fuel consumption of CAT 3412 (serial no. 81Z09675) and CAT 3306 DEGs shall not exceed 118,800 and 37,800 gallons in any rolling twelve (12) month period respectively.

The enclosed *Annual Emissions/Monitoring Report Form - Diesel Engine Generators* shall be used to report fuel consumption for the added DEGs.

All other permit conditions issued with CSP No. 0355-02-CT shall not be affected and shall remain valid.

If you have any questions, please call Mr. Corey Shibata of the Clean Air Branch at (808) 586-4200.

Sincerely,

THOMAS E. ARIZUMI, P.E., CHIEF
Environmental Management Division

CBS:lk
Enclosures
c: Wendell Sano, EHS - Kona
CAB Monitoring Section

PROPOSED

**ANNUAL EMISSIONS/MONITORING REPORT FORM
DIESEL ENGINE GENERATORS
TEMPORARY COVERED SOURCE PERMIT NO. 0355-02-CT**

Amended Date: January 17, 2006

Expiration Date: October 15, 2008

In accordance with the Hawaii Administrative Rules, Title 11, Chapter 60.1, Air Pollution Control, the permittee shall report to the Department of Health the following information semi-annually:

(Make Copies for Future Use and Fill Out a Form for Each Location)

For Period: _____ Date: _____

Company/Facility Name: _____

Equipment Location: _____

Equipment Description: _____

Serial/ID No.: _____

Report the type of fuel and highest sulfur content % by weight used for this period: _____

I certify that I have knowledge of the facts herein set forth, that the same are true, accurate and complete to the best of my knowledge and belief, and that all information not identified by me as confidential in nature shall be treated by Department of Health as public record.

Responsible Official (Print): _____

Title: _____

Responsible Official (Signature): _____

MONTH	MONTHLY FUEL CONSUMPTION (GAL)	ROLLING 12 MONTH TOTAL (GAL)	NOTES I.E. (START METER READING)
January			
February			
March			
April			
May			
June			
July			
August			
September			
October			
November			
December			