PROPOSED

date

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
(*********)

06-E CAB
File No. 0242-01

Mr. J. Stephen Goodfellow
President
Goodfellow Brothers, Inc.
P. O. Box 220
Kihei, Hawaii 96753-0220

Dear Mr. Goodfellow:

Subject: Temporary Covered Source Permit (CSP) No. 0242-01-CT
Application for Minor Modification No. 0242-08
Goodfellow Brothers, Inc.
780 TPH Stone Processing Plant with 1,000 kW Diesel Engine Generator and
700 TPH Mobile Stone Processing Plant with Integral Diesel Engines
Located at: Various Temporary Sites, State of Hawaii
Initially Located at: 480 C Welakahao Road, Kihei, Maui, Hawaii
Date of Expiration: January 17, 2010

The subject Covered Source Permit is issued in accordance with Hawaii Administrative Rules, Title 11, Chapter 60.1. The issuance of this permit is based on the plans and specifications that you submitted as part of your modification application dated October 5, 2006, the amendment dated October 14, 2005 and the additional information submitted on November 1, 2006 and November 6, 2006.

This Covered Source Permit supersedes in its entirety CSP No. 0242-01-CT issued on February 6, 2006.

The Covered Source Permit is issued subject to the conditions/requirements set forth in the following Attachments:

Attachment I: Standard Conditions
Attachment II: Special Conditions
Attachment II - INSIG: Special Conditions for Insignificant Activities
Attachment III: Annual Fee Requirements
Attachment IV: Annual Emissions Reporting Requirements

The following forms are enclosed for your use and submittal as required:

Annual Emissions Report Form: Stone Processing - Each Location
Annual Emission/Monitoring Report Form: Operating Hours and Fuel Certification - Each Location
Monitoring Report Form: Visible Emissions
Compliance Certification
Change of Location Request - Mobile Crushers
Change of Location Request - Non-Mobile Crushers
Change of Location Notification

This permit: (a) shall not in any manner affect the title of the premises upon which the equipment is to be located; (b) does not release the permittee from any liability for any loss due to personal injury or property damage caused by, resulting from or arising out of the design, installation, maintenance, or operation of the equipment; and (c) in no manner implies or suggests that the Hawaii Department of Health, or its officers, agents, or employees, assumes any liability, directly or indirectly, for any loss due to personal injury or property damage caused by, resulting from or arising out of the design, installation, maintenance, or operation of the equipment.

Sincerely,

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

SS:se

Enclosure

c: Blake Shiigi, EHS - Maui
Rodney Yama, EHS - Kauai
Ed Yamamoto, EHS - Hilo
Wendell Sano, EHS - Kona
CAB Monitoring Section

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ATTACHMENT I: STANDARD CONDITIONS
TEMPORARY COVERED SOURCE PERMIT NO. 0242-01-CT

Issuance Date: October 17, 2006 **Expiration Date: January 17, 2010**

This permit is granted in accordance with the Hawaii Administrative Rules (HAR), Title 11, Chapter 60.1, Air Pollution Control, and is subject to the following standard conditions:

1. Unless specifically identified, the terms and conditions contained in this permit are consistent with the applicable requirement, including form, on which each term or condition is based.

   (Auth.: HAR §11-60.1-90)

2. This permit, or a copy thereof, shall be maintained at or near the source and shall be made available for inspection upon request. The permit shall not be willfully defaced, altered, forged, counterfeited, or falsified.

   (Auth.: HAR §11-60.1-6; SIP §11-60-11)[2]

3. This permit is not transferable whether by operation of law or otherwise, from person to person, from place to place, or from one piece of equipment to another without the approval of the Department of Health, except as provided in HAR, Section 11-60.1-91.

   (Auth.: HAR §11-60.1-7; SIP §11-60-9)[2]

4. A request for transfer from person to person shall be made on forms furnished by the Department of Health.

   (Auth.: HAR §11-60.1-7)

5. In the event of any changes in control or ownership of the facilities to be constructed or modified, this permit shall be binding on all subsequent owners and operators. The permittee shall notify the succeeding owner and operator of the existence of this permit and its conditions by letter, copies of which will be forwarded to the Department of Health and the U.S. Environmental Protection Agency (EPA), Region 9.

   (Auth.: HAR §11-60.1-5, §11-60.1-7, §11-60.1-94)

6. The facility covered by this permit shall be constructed and operated in accordance with the application, and any information submitted as part of the application, for the Covered Source Permit. There shall be no deviation unless additional or revised plans are submitted to and approved by the Department of Health, and the permit is amended to allow such deviation.

   (Auth.: HAR §11-60.1-2, §11-60.1-4, §11-60.1-82, §11-60.1-84, §11-60.1-90)

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7. This permit (a) does not release the permittee from compliance with other applicable statutes of the State of Hawaii, or with applicable local laws, regulations, or ordinances, and (b) shall not constitute, nor be construed to be an approval of the design of the covered source.

   (Auth.: HAR §11-60.1-5, §11-60.1-82)

8. The permittee shall comply with all the terms and conditions of this permit. Any permit noncompliance constitutes a violation of HAR, Chapter 11-60.1 and the Clean Air Act and is grounds for enforcement action; for permit termination, suspension, reopening, or amendment; or for denial of a permit renewal application.

   (Auth.: HAR §11-60.1-3, §11-60.1-10, §11-60.1-19, §11-60.1-90)

9. If any term or condition of this permit becomes invalid as a result of a challenge to a portion of this permit, the other terms and conditions of this permit shall not be affected and shall remain valid.

   (Auth.: HAR §11-60.1-90)

10. The permittee shall not use as a defense in an enforcement action that it would have been necessary to halt or reduce the permitted activity to maintain compliance with the terms and conditions of this permit.

    (Auth.: HAR §11-60.1-90)

11. This permit may be terminated, suspended, reopened, or amended for cause pursuant to HAR, Sections, 11-60.1-10 and 11-60.1-98, and Hawaii Revised Statutes (HRS), Chapter 342B-27, after affording the permittee an opportunity for a hearing in accordance with HRS, Chapter 91.

    (Auth.: HAR §11-60.1-3, §11-60.1-10, §11-60.1-90, §11-60.1-98)

12. The filing of a request by the permittee for the termination, suspension, reopening, or amendment of this permit, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition.

    (Auth.: HAR §11-60.1-90)

13. This permit does not convey any property rights of any sort, or any exclusive privilege.

    (Auth.: HAR §11-60.1-90)

14. The permittee shall notify the Department of Health and U.S. EPA Region 9 in writing of the following dates:

    a. The **anticipated date of initial start-up** for each emission unit of a new source or significant modification not more than sixty (60) days or less than thirty (30) days prior to such date;
    b. The **actual date of construction commencement** within fifteen (15) days after such date; and
    c. The **actual date of start-up** within fifteen (15) days after such date.

    (Auth.: HAR §11-60.1-90)

15. The permittee shall furnish, in a timely manner, any information or records requested in writing by the Department of Health to determine whether cause exists for terminating, suspending, reopening, or amending this permit, or to determine compliance with this permit. Upon request, the permittee shall also furnish to the Department of Health copies of records required to be kept by the permittee. For information claimed to be confidential, the Director of Health may require the permittee to furnish such records not only to the Department of Health but also directly to the U.S. EPA Region 9 along with a claim of confidentiality.

    (Auth.: HAR §11-60.1-14, §11-60.1-90)

16. The permittee shall notify the Department of Health in writing, of the **intent to shut down air pollution control equipment for necessary scheduled maintenance** at least twenty-four (24) hours prior to the planned shutdown. The submittal of this notice shall not be a defense to an enforcement action. The notice shall include the following:

    a. Identification of the specific equipment to be taken out of service, as well as its location and permit number;
    b. The expected length of time that the air pollution control equipment will be out of service;
    c. The nature and quantity of emissions of air pollutants likely to be emitted during the shutdown period;
    d. Measures such as the use of off-shift labor and equipment that will be taken to minimize the length of the shutdown period; and
    e. The reasons why it would be impossible or impractical to shut down the source operation during the maintenance period.

    (Auth.: HAR §11-60.1-15; SIP §11-60-16)[2]

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17. **Except for emergencies which result in noncompliance with any technology-based emission limitation in accordance with HAR, Section 11-60.1-16.5, in the event any emission unit, air pollution control equipment, or related equipment malfunctions or breaks down in such a manner as to cause the emission of air pollutants in violation of HAR, Chapter 11-60.1 or this permit**, the permittee shall immediately notify the Department of Health of the malfunction or breakdown, unless the protection of personnel or public health or safety demands immediate attention to the malfunction or breakdown and makes such notification infeasible. In the latter case, the notice shall be provided as soon as practicable. Within five (5) working days of this initial notification, the permittee shall also submit, in writing, the following information:

    a. Identification of each affected emission point and each emission limit exceeded;
    b. Magnitude of each excess emission;
    c. Time and duration of each excess emission;
    d. Identity of the process or control equipment causing the excess emission;
    e. Cause and nature of each excess emission;
    f. Description of the steps taken to remedy the situation, prevent a recurrence, limit the excessive emissions, and assure that the malfunction or breakdown does not interfere with the attainment and maintenance of the National Ambient Air Quality Standards and state ambient air quality standards;
    g. Documentation that the equipment or process was at all times maintained and operated in a manner consistent with good practice for minimizing emissions; and
    h. A statement that the excess emissions are not part of a recurring pattern indicative of inadequate design, operation, or maintenance.

    The submittal of these notices shall not be a defense to an enforcement action.

    (Auth.: HAR §11-60.1-16; SIP §11-60-16)[2]

18. The permittee may request confidential treatment of any records in accordance with HAR section 11-60.1-14.

    (Auth.: HAR §11-60.1-14, §11-60.1-90)

19. This permit shall become invalid with respect to the authorized construction if construction is not commenced as follows:

    a. Within eighteen (18) months after the permit takes effect, is discontinued for a period of eighteen (18) months or more, or is not completed within a reasonable time.

b. For phased construction projects, each phase shall commence construction within eighteen (18) months of the projected and approved commencement dates in the permit. This provision shall be applicable only if the projected and approved commencement dates of each construction phase are defined in Attachment II, Special Conditions, of this permit.

(Auth.: HAR §11-60.1-9, §11-60.1-90)

20. The Department of Health may extend the time periods specified in Standard Condition No. 19 upon a satisfactory showing that an extension is justified. Requests for an extension shall be submitted in writing to the Department of Health.

    (Auth.: HAR §11-60.1-9, §11-60.1-90)

21. The permittee shall submit fees in accordance with HAR, Chapter 11-60.1, Subchapter 6.

    (Auth.: HAR §11-60.1-90)

22. All certifications shall be in accordance with HAR, section 11-60.1-4.

    (Auth.: HAR §11-60.1-4, HAR §11-60.1-90)

23. The permittee shall allow the Director of Health, the Regional Administrator for the U.S. EPA and/or an authorized representative, upon presentation of credentials or other documents required by law:

    a. To enter the premises where a source is located or emission-related activity is conducted, or where records must be kept under the conditions of this permit and inspect at reasonable times all facilities, equipment, including monitoring and air pollution control equipment, practices, operations, or records covered under the terms and conditions of this permit and request copies of records or copy records required by this permit; and
    b. To sample or monitor at reasonable times substances or parameters to ensure compliance with this permit or applicable requirements of HAR, Chapter 11-60.1.

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

24. Within thirty (30) days of **permanent discontinuance of the construction, modification, relocation, or operation of the facility covered by this permit**, the discontinuance shall be <u>reported</u> in writing to the Department of Health by a responsible official of the source.

    (Auth.: HAR §11-60.1-8; SIP §11-60-10)[2]

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25. Each permit renewal application shall be submitted to the Department of Health and the U.S. EPA Region 9 no less than twelve months and no more than eighteen months prior to the permit expiration date. The director may allow a permit renewal application to be submitted no less than six months prior to the permit expiration date, if the director determines that there is reasonable justification.

    (Auth.: HAR §11-60.1-101, 40 CFR §70.5(a)(1)(iii))[1]

26. The terms and conditions included in this permit, including any provision designed to limit a source's potential to emit, are federally enforceable unless such terms, conditions, or requirements are specifically designated as not federally enforceable.

    (Auth.: HAR §11-60.1-93)

27. The compliance plan and compliance certification submittal requirements shall be in accordance with HAR, sections 11-60.1-85 and 11-60.1-86. As specified in HAR, section 11-60.1-86, the compliance certification shall be submitted to the Department of Health and the U.S. EPA Region 9 once per year, or more frequently as set by any applicable requirement.

    (Auth.: HAR §11-60.1-90)

28. **Any document (including reports) required to be submitted by this permit shall be certified as being true, accurate, and complete by a responsible official in accordance with HAR, sections 11-60.1-1 and 11-60.1-4, and shall be mailed to the following address:**

Clean Air Branch
Environmental Management Division
State of Hawaii Department of Health
P.O. Box 3378
Honolulu, HI 96801-3378

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Upon request and as required by this permit, all correspondence to the State of Hawaii Department of Health associated with this Covered Source Permit shall have duplicate copies forwarded to:

Chief
Permits Office, (Attention: Air-3)
Air Division
U.S. Environmental Protection Agency
Region 9
75 Hawthorne Street
San Francisco, CA 94105

(Auth.: HAR §11-60.1-4, §11-60.1-90)

29. To determine compliance with submittal deadlines for time-sensitive documents, the postmark date of the document shall be used. If the document was hand-delivered, the date received ("stamped") at the Clean Air Branch shall be used to determine the submittal date.

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

[1] The citations to the Code of Federal Regulations (CFR) identified under a particular condition, indicate that the permit condition complies with the specified provision(s) of the CFR. Due to the integration of the preconstruction and operating permit requirements, permit conditions may incorporate more stringent requirements than those set forth in the CFR.

[2] The citations to the State Implementation Plan (SIP) identified under a particular condition, indicate that the permit condition complies with the specified provision(s) of the SIP.

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ATTACHMENT II: SPECIAL CONDITIONS
TEMPORARY COVERED SOURCE PERMIT NO. 0242-01-CT

Issuance Date: October 17, 2006 **Expiration Date: January 17, 2010**

In addition to the standard conditions of the Covered Source Permit, the following special conditions shall apply to the permitted facility:

Section A. Equipment Description

1. This permit encompasses the following equipment and associated appurtenances:

   a. 780 TPH Jaw Crusher, Nordberg model C140B, serial no. C1403124: equipment no. K-129;

   b. 780 TPH Jaw Crusher, Nordberg model C140B, serial no. 34395: equipment no. K-76;

   c. 700 TPH Cone Crusher, Nordberg model no. HP400, serial no. 123450: equipment no. K-153;

   d. 500 TPH Cone Crusher, Omnicone model 1560, serial no. 1560-253: equipment no. K-26;

   e. 500 TPH Cone Crusher, Omnicone model 1560, serial no. 304-300034: equipment no. K-130;

   f. 440 TPH Screen Trailer, JCI model FSG5162-26, serial no. 97H01F32:equipment no. K-27;

   g. 440 TPH Screen Trailer, JCI model 620332, serial no. 96H01F32: equipment no. K-143;

   h. 400 TPH Screen Trailer, JCI mocel 6203-32LP, serial no. P060378: equipment no. K-165

   i. 264 TPH Screen, Cedar Rapids, 4'x12'x2, serial no. 1426: equipment no. K-23;

   j. 1 MW Diesel Engine Generator, Gen Set model 3512, serial no. 24Z8717, with a minimum stack height of 17 feet: equipment no. LP-130;

   k. 1 MW Diesel Engine Generator, Gen Set model 3512, serial no. 24Z01234, with a minimum stack height of 17 feet: equipment no. LP-84;

   l. 1 MW Diesel Engine Generator, Gen Set model 3512, serial no. 24Z08458, with a minimum stack height of 17 feet: equipment no. LP-121;

   m. 700 TPH Mobile Jaw Crusher, Nordberg model no. LT110, serial no. 72940, with Caterpillar Diesel Engine model no. C-12 DITA, serial no. BDL04410, with a minimum stack height of 15.9 feet: equipment no. K-151;

   n. 400 TPH Mobile Jaw Crusher, Nordberg model no. LT105, serial no. 72742, with

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Caterpillar Diesel Engine model no. C-9 DITA, serial no. CLS07165, with a minimum stack height of 11.9 feet: equipment no. K-148;

o. 400 TPH Mobile Jaw Crusher, Nordberg model no. LT105, serial no. 72816, with Caterpillar Diesel Engine model no. C-9 DITA, serial no. CLJ07851, with a minimum stack height of 9.9 feet: equipment no. K-149;

p. 400 TPH Mobile Jaw Crusher, Nordberg model no. LT105, serial no. 72839, with Caterpillar Diesel Engine model no. C-9 DITA, serial no. CLJ07329, with a minimum stack height of 10.9 feet: equipment no. K-150;

q. 400 TPH Mobile Jaw Crusher, Nordberg model no. LT105, serial no. 73316, with Caterpillar Diesel Engine model no. C-9 DITA, serial no. CLJ07329, with a minimum stack height of 10.9 feet: equipment no. K-164;

r. 450 TPH Mobile Cone Crusher, Nordberg model no. LT300HP, serial no. 72814, with Caterpillar Diesel Engine model no. C-15 DITA, serial no. BEM04965, with a minimum stack height of 16.8 feet: equipment no. K-152;

s. 386 TPH Mobile Cone Crusher, Terex-Pegson model no. 1300 Maxtrak, serial no. 130126CF, with Caterpillar Diesel Engine model no. C-12 DITA, serial no. BDL03217, with a minimum stack height of 15.9 feet: equipment no. K-166;

t. 661 TPH Mobile Screen, Powerscreen model no. Chieftain 2100, serial no. 12401468, with 100 hp Deutz Diesel Engine model no. BF4M2012, serial no. 10167853: equipment no. K-167;

u. 420 TPH Mobile Screen, Finlay Hydrascreens model no. 683 Super Trak, serial no. FTP510277 with 96 hp Deutz diesel engine: equipment no. K-145;

v. 420 TPH Mobile Screen, Finlay Hydrascreens model no. 683 Super Trak, serial no. FTP541638 with 96 hp Deutz diesel engine: equipment no. K-147;

w. 420 TPH Mobile Screen, Finlay Hydrascreens model no. 683 Super Trak, serial no. FTP551003 with 96 hp Deutz diesel engine: equipment no. K-155;

x. Various conveyors; and

y. Various water sprays.

(Auth.: HAR §11-60.1-3)

2. An identification tag or nameplate shall be displayed on the equipment to show the equipment number as indicated in A.1., model number, serial number, and manufacturer. The identification tag or nameplate shall be attached to the equipment in a permanent and conspicuous location.

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(Auth.: HAR §11-60.1-5)

Section B. Applicable Federal Regulations

1. Each temporary stone processing plant is subject to the provisions of the following federal regulations:

   a. 40 CFR Part 60 Standards of Performance for New Stationary Sources, Subpart A, General Provisions; and

   b. 40 CFR Part 60 Standards of Performance for New Stationary Sources, Subpart OOO, Standards of Performance for Nonmetallic Mineral Processing Plants.

   (Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-161; 40 CFR § 60.1, § 60.670)[1]

2. The permittee shall comply with all applicable provisions of Subparts A and OOO including all emission limits and all notifications, testing, monitoring, and reporting requirements. The major requirements of these standards are detailed in the special conditions of this permit.

   (Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-161; 40 CFR § 60.1, § 60.670)[1]

Section C. Operational Limitations

1. The permittee shall not operate more than ten (10) temporary stone processing plants simultaneously within the State of Hawaii at anytime. Each temporary stone processing plant shall not operate at or adjacent to another temporary stone processing plant owned or operated by the permittee unless an ambient air quality impact assessment for the proposed location is submitted to and approved by the Department of Health.

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

2. The total operating hours of each temporary stone processing plant shall not exceed 2,000 hours at any location during any rolling twelve (12) month period. The temporary stone processing plant shall be considered in operation when any crusher, screen, and/or diesel engine listed in Special Condition A.1. of this Attachment is operating.

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

3. The permittee shall submit to the Department of Health an ambient air quality impact assessment if the proposed location is:

   a. At or adjacent to a current temporary stone processing plant;

   b. At or adjacent to a previous temporary stone processing plant where the total combined operating hours of the previous and proposed temporary stone processing

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plants covered under this permit exceed 2,000 hours on a rolling 12-month basis;

c. At or adjacent to other emission unit(s);

d. Situated where the surrounding terrain within 100 meters of the exhaust stack is higher than the exhaust stack;

e. Situated where other air pollution sources are within 100 meters of the exhaust stack;

f. Situated where structures dimensionally larger than the crushers are within a radius of five times the lesser of the structures' height or width; or

g. Situated such that the Department of Health determines that an ambient air quality impact assessment is necessary.

The permittee shall not operate the temporary stone processing plant until the Department of Health has reviewed and approved the ambient air quality impact assessment.

(Auth.: HAR §11-60.1-5, §11-60.1-90)

4. For each temporary stone processing plant location, the maximum amount of equipment/storage piles shall be as follows:

a. Non-Mobile Crushers

i. One (1) primary crusher;
ii. One (1) secondary crusher;
iii. One (1) tertiary crusher;
iv. One (1) 1,000 kW diesel engine generator (LP-84, LP-121, LP-130);
v. Three (3) screens - limited to one (1) mobile screen (K-145, K-147, or K-155);
vi. Four (4) storage piles; and
vii. Various conveyors.

b. Mobile Crushers

i. One (1) Nordberg Mobile Jaw Crusher (K-148, K-149, K-150, K-151, or K-164);
ii. One (1) Nordberg Mobile Cone Crusher (K-152 or K-166);
iii. One (1) mobile screen (K-145, K-147, or K-155);
iv. Two (2) storage piles; and
v. Various conveyors.

c. Mobile Screen K-167
The 661 TPH mobile screen shall operate only with the following equipment at temporary stone processing plant location:
i. One (1) 400 TPH Nordberg Mobile Jaw Crusher (K-148, K-149, K-150, or K-164);
ii. One (1) 396 TPH Terex-Pegson Mobile Cone Crusher (K-166);

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iii. Two (2) storage piles; and
iv. Various conveyors

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

5. The maximum production rate for each non-mobile temporary stone processing plant shall not exceed 780 tons per hour (TPH). The maximum production rate for each mobile temporary stone processing plant shall not exceed 700 tons per hour (TPH).

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

6. Water sprays shall be used at the crushers, screening towers, transfer points and stockpiles to control fugitive dust. The water sprays shall be maintained in good operating condition and be utilized as necessary during crushing operations. The Department of Health may at any time require the permittee to further abate fugitive dust emissions if an inspection indicates poor or insufficient control.

   (Auth.: HAR §11-60.1-3, §11-60.1-33, §11-60.1-90)

7. The permittee shall not cause the discharge of visible emissions of fugitive dust beyond the lot line of the property on which the emissions originate.

   (Auth.: HAR §11-60.1-3, §11-60.1-33, §11-60.1-90)

8. The permittee shall not cause to be discharged into the atmosphere from any crusher, fugitive emissions which exhibit greater than fifteen percent (15%) opacity.

   (Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-161; 40 CFR § 60.672)[1]

9. The permittee shall not cause to be discharged into the atmosphere from any transfer point on the belt conveyors or from any other affected facility any fugitive emissions which exhibit greater than ten percent (10%) opacity.

   (Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-161; 40 CFR § 60.672)[1]

10. The diesel engines covered under this permit shall be fired only on fuel oil no. 2 with a maximum sulfur content not to exceed 0.5% by weight.

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

11. For any six (6) minute averaging period, the diesel engines covered under this permit shall not exhibit visible emissions of twenty (20) percent or greater, except as follows: during startup, shutdown, or equipment breakdown, the diesel engines covered under this permit may exhibit visible emissions greater than twenty (20) but not exceeding sixty (60) percent opacity for a period aggregating not more than six (6) minutes in any sixty (60) minute period.

    (Auth.: HAR §11-60.1-3, §11-60.1-32, §11-60.1-90; SIP §11-60-24)[2]

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12. The operation of the equipment covered by this Temporary Covered Source Permit shall involve at least one (1) location change during the term of this permit.

    (Auth.: HAR §11-60.1-81)

13. For each location, the total emissions from the equipment covered by this Temporary Covered Source Permit shall not exceed the threshold limits for a "major source" as defined in HAR §11-60.1-1.

    (Auth.: HAR §11-60.1-81)

14. Alternate Operating Scenarios.

    Terms and conditions for reasonably anticipated operating scenarios identified by the permittee in the covered source permit application and approved by the Department of Health are as follows:

    a. The permittee may replace a diesel engine generator with a temporary replacement unit if any repair work reasonably warrants a temporary replacement (i.e., equipment failure, engine overhaul, or any major equipment problems requiring maintenance for efficient operation) of a diesel engine generator and the following provisions are adhered to:

        i. Written notification identifying the reasons for the replacement from the site of operation is submitted to and approved by the Department of Health prior to the exchange;

        ii. The temporary replacement unit is the same size or smaller and with equal or lower emissions rates for all criteria pollutants and hazardous air pollutants (HAPs);

        iii. The temporary replacement unit complies with all applicable conditions including all air pollution control equipment requirements, operating restrictions and emission limits;

        iv. The diesel engine generator shall be repaired and returned to service in a timely manner; and

        v. Within ten (10) working days after the removal and return of the diesel engine generator, the permittee shall submit to the Department of Health written documentation of the following:

            1) the removal and return dates;

            2) the manufacturer's specifications with emission calculations of all criteria

pollutants and HAPs for both the temporary replacement unit and the permitted unit; and

3) the make, size, model and serial numbers for both the temporary replacement unit and the permitted unit.

b. The permittee shall, contemporaneously with making a change from one operating scenario to another, record in a log at the permitted facility the scenario under which it is operating and submit written notification to the Department of Health.

c. The terms and conditions under each alternate operating scenario shall meet all applicable requirements including conditions of this permit.

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

Section D. Monitoring and Recordkeeping

1. All records, including support information, required by this temporary covered source permit shall be maintained for at least five (5) years from the date of the monitoring, measurement, test, report, or application. Support information includes all maintenance, inspection, and repair records for the stone processing operations. These records shall be in a permanent form suitable for inspection and made available to the Department of Health or its representative upon request.

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

2. A non-resetting hour meter shall be installed, operated, and maintained on each diesel engine covered under this permit for the permanent recording of the total hours operated by the stone processing plant at each location. Monthly records shall be kept on the beginning and ending meter reading, and the total hours of operation by location. Monthly operational summaries for each location shall include the total hours of operation, and the total operating hours based on a 12-month rolling basis.

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

3. Receipts on the amount and type of fuel delivered to each location for the diesel engine covered under this permit shall be maintained. A certificate of analysis of the fuel's sulfur content shall be obtained from the supplier.

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

4. The permittee shall maintain records on inspections and any repair work conducted on the water sprays, diesel engines covered under this permit, crushers, and screens. At a minimum, these records shall include the name and title of the inspector, the date of the inspection, and any such repair work.

PROPOSED

(Auth.: HAR §11-60.1-3, §11-60.1-90)

5. Annual source performance test shall be conducted pursuant to Section F of this Attachment. Test summaries and results shall be maintained in accordance with the requirements of this section.

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

6. Visible Emissions (V.E.)

   a. Except in those months where V.E. observations are conducted pursuant to Special Condition No. D.6.b. of this Attachment, the permittee shall conduct **monthly** (calendar month) V.E. observations for each equipment subject to an opacity limit in accordance with 40 CFR Part 60, Appendix A, Method 9 or by use of a Ringelmann Chart as provided. For each monthly observation, the permittee shall record two (2) consecutive observations, each six (6) minutes in duration with readings taken at fifteen (15) second intervals. Records shall be completed and maintained in accordance with the *Visible Emissions Form Requirements*.

   b. The permittee shall conduct **annually** (calendar year), V.E. observations for each equipment subject to an opacity limit by a certified reader in accordance with 40 CFR Part 60, Appendix A, Method 9. For the annual observation, the permittee shall record two (2) consecutive observations, each six (6) minutes in duration with readings taken at fifteen (15) second intervals. Records shall be completed and maintained in accordance with the *Visible Emissions Form Requirements*.

   c. Upon written request and justification by the permittee, the Department of Health may waive the requirement for the annual V.E. observation of equipment subject to an opacity limit. The waiver request is to be submitted prior to the required annual V.E. observation and must include documentation justifying such action. Documentation should include, but is not limited to, the results of the prior V.E. observations indicating compliance by a wide margin, documentation of continuing compliance, and further that operations of the source have not changed since the previous annual V.E. observation.

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

7. For each temporary stone processing plant, the permittee shall maintain records on the actual start date(s), end date(s), and operating hours of all the equipment covered under this permit. The records shall also include the total emissions of each temporary stone processing plant based on the actual operating hours.

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

PROPOSED

Section E. Notification and Reporting Requirements

1. Notification and reporting pertaining to the following events shall be done in accordance with Attachment 1, Standard Conditions 14, 16, 17 and 24, respectively:

   a. *Anticipated date of initial startup, actual date of construction commencement, and actual date of startup.*

   b. *Intent to shut down air pollution control equipment for necessary scheduled maintenance*;

   c. *Emissions of air pollutants in violation of HAR, Chapter 11-60.1 or this permit (excluding technology-based emission exceedances due to emergencies)*; and

   d. *Permanent discontinuance of construction, modification, relocation, or operation of the facility covered by this permit.*

   (Auth.: HAR §11-60.1-8, §11-60.1-15, §11-60.1-16, §11-60.1-90; SIP §11-60-10, §11-60-16)[2]

2. The permittee shall report **within five (5) days** *any deviations from the permit requirements*, including those attributable to upset conditions, the probable cause of such deviations and any corrective actions or preventative measures taken. Corrective actions may include a requirement for additional testing, more frequent monitoring, or could trigger implementation of a corrective action plan.

   (Auth.: HAR §11-60.1-3, §11-60.1-15, §11-60.1-16, §11-60.1-90)

3. Performance Test

   a. At least **thirty (30) days prior** *to conducting a source performance test* pursuant to Section F of this Attachment, the permittee shall submit a written performance test plan to the Department of Health that includes date(s) of the test, test duration, test locations, test methods, source operation, and other parameters that may affect test results. Such a plan shall conform to U.S. EPA guidelines including quality assurance procedures. A test plan or quality assurance plan that does not have the approval of the Department of Health may be grounds to invalidate any test and require a retest.

   b. Written reports of the results of the source performance tests conducted to demonstrate compliance shall be submitted to the Department of Health **within sixty (60) days** *after the completion of the performance test.*

   (Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90; 40 CFR §60.8, SIP §11-60-15)[1, 2]

4. The permittee shall submit **semi-annually** the following reports to the Department of Health. The report shall be submitted **within sixty (60) days after** *the end of each*

semi-annual calendar period (January 1 - June 30 and July 1 - December 31) and shall include the following:

a. The total operating hours of each diesel engine covered under this permit on a monthly and rolling 12-month basis per location. The enclosed **Annual Emissions/Monitoring Report Form:** ***Operating Hours and Fuel Certification - Each Location,*** shall be used.

b. Identify the type of fuel fired in each of the diesel engines covered under this permit during the respective reporting period. Include the maximum sulfur content (percent by weight) of the fuel. The enclosed **Annual Emissions/Monitoring Report Form:** ***Operating Hours and Fuel Certification - Each Location,*** shall be used.

c. Any opacity exceedances as determined by the required V.E. monitoring. Each exceedance reported shall include the date, six (6) minute average opacity reading, possible reason for exceedance, duration of exceedance, and corrective actions taken. If there were no exceedances, the permittee shall submit in writing a statement indicating that for each equipment there were no exceedances for that semi-annual period. The enclosed **Monitoring Report Form:** ***Visible Emissions,*** shall be used.

(Auth.: HAR §11-60.1-3, §11-60.1-90)

5. Compliance Certification

During the permit term, the permittee shall submit at least **annually** to the Department of Health and U.S. EPA Region 9, the **Compliance Certification Form** pursuant to HAR, Subsection 11-60.1-86. The permittee shall indicate whether or not compliance is being met with each term or condition of this permit. The compliance certification shall include, at a minimum, the following information:

a. The identification of each term or condition of the permit that is the basis of the certification;

b. The compliance status;

c. Whether compliance was continuous or intermittent;

d. The methods used for determining the compliance status of the source currently and over the reporting period;

e. Any additional information indicating the source's compliance status with any applicable enhanced monitoring and compliance certification including the requirements of Section 114(a)(3) of the Clean Air Act or any applicable monitoring and analysis provisions of Section 504(b) of the Clean Air Act; and

f. Any additional information as required by the Department of Health including information to determine compliance.

PROPOSED

The compliance certification shall be submitted **within ninety (90) days** after the end of each calendar year, and shall be signed and dated by an authorized representative.

Upon written request of the permittee, the deadline for submitting the compliance certification may be extended, if the Department of Health determines that reasonable justification exists for the extension.

(Auth.: HAR §11-60.1-4, §11-60.1-86, §11-60.1-90)

7. As required by Attachment IV and in conjunction with the requirements of Attachment III, Annual Fee Requirements, the permittee shall report **annually** the total tons/year emitted of each regulated pollutant, including hazardous air pollutants. The reporting of annual emissions is due **within sixty (60) days following** *the end of each calendar year*. The enclosed **Annual Emissions Report Form:** ***Stone Processing - Each Location*** and **Annual Emissions/Monitoring Report Form:** ***Operating Hours and Fuel Certification - Each Location,*** shall be used.

   Upon the written request of the permittee, the deadline for reporting of annual emissions may be extended, if the Department of Health determines that reasonable justification exists for the extension.

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

8. Prior to the start-up at each temporary site, the permittee shall submit to the Department of Health the hour-meter reading for the diesel engine covered under this permit.

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

9. The permittee shall submit a written notification to the Department of Health certifying that the exhaust stack height extensions for the 1 MW diesel engine generators have been completed. This certification shall be submitted within fifteen (15) days after the exhaust stacks have been extended to seventeen (17) feet above ground-level.

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

10. At least seven (7) days prior to the initial startup, the permittee shall verify the stack heights of equipment no. K-148, K-149, K-150, K-151, and K-152 and submit a written report to the Department. The report shall include the equipment number, the measured stack height, and the method used to verify the stack heights.

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

11. At least seven (7) days prior to the initial startup, the permittee shall verify the stack height of equipment no. K-164 and submit a written report to the Department. The report shall include the equipment number, the measured stack height, and the method used to verify

PROPOSED

the stack height.

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

Section F. Testing Requirements

1. The permittee shall conduct or cause to be conducted annual visible emissions test to determine the opacity of fugitive emissions from each stone processing plant.

   Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90, §11-60.1-161; 40 CFR § 60.675)[1]

2. Opacity test for each crusher and the associated configuration shall be tested on an annual basis. If a particular crusher was tested during the year in another configuration, annual test requirements for that particular crusher would be deemed satisfied, unless determined otherwise pursuant to Special Condition No. F.5.

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

3. Performance Test Methods

   a. Performance tests for the determination of opacity shall be conducted by a certified reader using Method 9 of 40 CFR Part 60 Appendix A and the procedures in 40 CFR §60.11 with the following additions for the fugitive emissions observations:

      i. The minimum distance between the observer and the emissions source shall be 4.57 meters (15 feet) but not greater than 402 meters (0.25 miles);
      ii. The observer shall, when possible, select a position that minimizes interference from other fugitive emission sources. The required observer position relative to the sun (Method 9, Section 2.1) shall be followed; and
      iii. The observer shall record the operating capacity (tons/hr) of the primary crusher and at the time observations were made.

   b. When determining compliance with the fugitive emissions standard specified in Attachment II, Special Condition C.7. for each crusher, the duration of Method 9 may be reduced from three (3) hours (thirty 6-minute averages) to one (1) hour (ten 6-minute averages) only if the following conditions apply:

      i. There are no individual readings greater than fifteen (15) percent opacity; and
      ii. There are no more than three (3) readings of fifteen (15) percent for the 1-hour period.

PROPOSED

c. When determining compliance with the fugitive emissions standard specified in Attachment II, Special Condition C.8. for any transfer point on the belt conveyor(s) or for any other affected facility, the duration of Method 9 may be reduced from three (3) hours (thirty 6-minute averages) to one (1) hour (ten 6-minute averages) only if the following conditions apply:

   i. There are no individual readings greater than ten (10) percent opacity; and

   ii. There are no more than three (3) readings of ten (10) percent for the 1-hour period.

d. When determining compliance with the fugitive emissions standards of Special Conditions C.8. and C.9. of this Attachment, if emissions from two or more facilities continuously interfere so that the opacity of fugitive emissions from an individual affected facility cannot be read, either of the following procedures may be used:

   i. For the combined emission stream, use the highest fugitive opacity standard applicable to any of the individual affected facilities contributing to the emissions stream.

   ii. Separate the emissions so that the opacity of emissions from each affected facility can be read.

e. If, after thirty (30) days notice for an initially scheduled performance test, there is a delay (due to operational problems, etc.) in conducting any rescheduled performance test required by Section F, the permittee shall submit a notice to the Department of Health at least seven (7) days prior to any rescheduled performance test.

f. The results shall be recorded and reported in accordance with 40 CFR Part 60 Appendix A and §60.8. The performance tests shall be made at the expense of the permittee and shall be conducted at the maximum expected operating capacity of the stone processing plant.

g. The Department of Health may monitor the tests, and all test data and results must be submitted to the Department of Health no later than **sixty (60) days** *after completion of the tests*. The performance test report shall include the crusher operating rates (tons/hr), locations of where the visible emissions were read, visible emission readings, and location of water sprays.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90, §11-60.1-161; 40 CFR § 60.675)[1]

4. Upon written request and justification, the Department of Health may waive the requirement for, or a portion of, a specific annual source test. The waiver request shall be submitted prior to the required test and must include documentation justifying such action. Documentation should include, but is not limited to, the results of the prior tests indicating compliance by a wide margin, documentation of continuing compliance, and that operations of the source have not changed since the previous source test.

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

5. The Department of Health may request for additional tests if an inspection indicates poor or insufficient control.

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

Section G. Change of Location Request Requirements

1. The permittee shall submit information regarding all succeeding location changes to the Department of Health for approval at least thirty (30) days, or such lesser time as designated and approved by the Department of Health, prior to the change in location. The information submitted shall include the following:

   a. Name, address, and phone number of the facility and the plant site manager or other contact;

   b. Temporary covered source permit number and expiration date;

   c. Location map of the new temporary location containing the following information:

      i. Identification of the property/fence lines.
      ii. Location of all structures within 100 meters of the equipment. Provide the building dimensions (height, length, and width) of all structures that have heights greater than 40% of the stack height of the equipment.
      iii. List of the equipment, equipment numbers, and plant configuration.
      iv. If the permittee is hauling the processed materials off-site:

         1) the length of unpaved roads used to haul processed material away; and
         2) the total unpaved road vehicle miles of the trucks used to haul the material away.

   d. Area map showing the previous location of the diesel engines covered under this permit and the new, proposed location;

   e. Projected dates of operation at the new location;

PROPOSED

f. Equipment to be used at the site with the maximum projected operating hours and maximum estimated emissions (tons/yr);

g. Identification of any other air pollution sources at the new location;

h. Certification that no modification will be made to the equipment, and operational methods will remain similar as permitted under this temporary covered source permit at the new location; and

i. Any additional information as requested by the Department of Health, including an ambient air quality impact assessment of the facility at the new location.

(Auth.: HAR §11-60.1-3, § 11-60.1-91)

2. The applicable filing fee shall be submitted to the Department of Health with each change in location request.

(Auth.: HAR §11-60.1-3, §11-60.1-91)

3. Prior to any relocation, the Department of Health shall approve, conditionally approve, or deny in writing each location change. If the Department of Health denies a location change, the applicant may appeal the decision pursuant to HRS, Chapter 91.

(Auth.: HAR §11-60.1-3, §11-60.1-91)

4. At each of the authorized locations, the permittee shall operate in accordance with this temporary covered source permit and all applicable requirements.

(Auth.: HAR §11-60.1-3, §11-60.1-91)

5. All the information required in this section shall be submitted to the Department of Health using the attached form, *"Change of Location Request for a Temporary Source."*

(Auth.: HAR §11-60.1-3, §11-60.1-91)

6. The permittee may request for multiple operating sites for each temporary stone processing plant provided the following conditions are met:

a. The operation of the temporary stone processing plant at the listed sites shall be completed within one year from the date of the Department's approval letter for the Change of Location Request.

b. The permittee shall complete and submit the attached form ***Change of Location Notification*** within 24 hours of each temporary stone processing plant relocation.

(Auth.: HAR §11-60.1-3, §11-60.1-91)

PROPOSED

7. The permittee may return to a previously approved site at anytime within a one year period from the date of the Department's approval letter for the Change of Location Request provided the following conditions are met:

   a. The operation of the temporary stone processing plant shall be completed within one year from the date of the Department's approval letter for the Change of Location Request.

   b. The conditions of the site (i.e. terrain, structures, and other air pollution sources) have not changed since the Change of Location Request was submitted.

   c. The permittee shall complete and submit the attached ***Change of Location Notification*** within 24 hours of each temporary stone processing plant relocation.

   (Auth.: HAR §11-60.1-3, §11-60.1-91)

Section H. Agency Notification

Any document (including reports) required to be submitted by this Temporary Covered Source Permit shall be done in accordance with Attachment I, Standard Conditions, Condition 28.

(Auth.: HAR §11-60.1-4, §11-60.1-90)

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[1] The citations to the Code of Federal Regulations (CFR) identified under a particular condition, indicate that the permit condition complies with the specified provision(s) of the CFR. Due to the integration of the preconstruction and operating permit requirements, permit conditions may incorporate more stringent requirements than those set forth in the CFR.

[2] The citations to the State Implementation Plan (SIP) identified under a particular condition, indicate that the permit condition complies with the specified provision(s) of the SIP.

PROPOSED

ATTACHMENT II – INSIG
SPECIAL CONDITIONS - INSIGNIFICANT ACTIVITIES
TEMPORARY COVERED SOURCE PERMIT NO. 0242-01-CT
(PAGE 1 OF 2)

Issuance Date: October 17, 2006 **Expiration Date: January 17, 2010**

In addition to the Standard Conditions of the Covered Source Permit, the following Special Conditions shall apply to the permitted facility:

Section A. Equipment Description

This attachment encompasses insignificant activities listed in HAR, §11-60.1-82(f) and (g) for which provisions of this permit and HAR, Subchapter 2, General Prohibitions apply.

(Auth.: HAR §11-60.1-3)

Section B. Operational Limitations

1. The permittee shall take measures to operate applicable insignificant activities in accordance with the provisions of HAR, Subchapter 2 for visible emissions, fugitive dust, incineration, process industries, sulfur oxides from fuel combustion, storage of volatile organic compounds, volatile organic compound water separation, pump and compressor requirements, and waste gas disposal.

   (Auth.: HAR §11-60.1-3, §11-60.1-82, §11-60.1-90)

2. The Department of Health may at any time require the permittee to further abate emissions if an inspection indicates poor or insufficient controls.

   (Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-82, §11-60.1-90)

Section C. Monitoring and Recordkeeping Requirements

1. The Department of Health reserves the right to require monitoring, recordkeeping, or testing of any insignificant activity to determine compliance with the applicable requirements.

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

2. All records shall be maintained for at least five (5) years from the date of any required monitoring, recordkeeping, testing, or reporting. These records shall be in a permanent form suitable for inspection and made available to the Department of Health or their authorized representative upon request.

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

Section D. Notification and Reporting

Compliance Certification

During the permit term, the permittee shall submit at least **annually** to the Department of Health and U.S. EPA Region 9, the attached *Compliance Certification Form* pursuant to HAR, Subsection 11-60.1-86. The permittee shall indicate whether or not compliance is being met with each term or condition of this permit. The compliance certification shall include, at a minimum, the following information:

1. The identification of each term or condition of the permit that is the basis of the certification;
2. The compliance status;
3. Whether compliance was continuous or intermittent;
4. The methods used for determining the compliance status of the source currently and over the reporting period;
5. Any additional information indicating the source's compliance status with any applicable enhanced monitoring and compliance certification including the requirements of Section 114(a)(3) of the Clean Air Act or any applicable monitoring and analysis provisions of Section 504(b) of the Clean Air Act; and
6. Any additional information as required by the Department of Health including information to determine compliance.

The compliance certification shall be submitted **within ninety (90) days** after the end of each calendar year, and shall be signed and dated by a responsible official.

Upon written request of the permittee, the deadline for submitting the compliance certification may be extended, if the Department of Health determines that reasonable justification exists for the extension.

In lieu of addressing each emission unit as specified in *Compliance Certification Form*, the permittee may address insignificant activities as a single unit provided compliance is met with all applicable requirements. If compliance is not totally attained, the permittee shall identify the specific insignificant activity and provide the details associated with the noncompliance.

(Auth.: HAR §11-60.1-4, §11-60.1-86, §11-60.1-90)

Section E. Agency Notification

Any document (including reports) required to be submitted by this Covered Source Permit shall be done in accordance with Attachment I, Standard Condition No. 28.

(Auth.: HAR §11-60.1-4, §11-60.1-90)

PROPOSED

ATTACHMENT III: ANNUAL FEE REQUIREMENTS

Issuance Date: October 17, 2006 **Expiration Date: January 17, 2010**

The following requirements for the submittal of annual fees are established pursuant to Hawaii Administrative Rules (HAR), Title 11, Chapter 60.1, Air Pollution Control. Should HAR, Chapter 60.1 be revised such that the following requirements are in conflict with the provisions of HAR, Chapter 60.1, the permittee shall comply with the provisions of HAR, Chapter 60.1.

1. Annual fees shall be paid in full:

   a. Within sixty (60) days after the end of each calendar year; and
   b. Within thirty (30) days after the permanent discontinuance of the covered source.

2. The annual fees shall be determined and submitted in accordance with Hawaii Administrative Rules, Chapter 11-60.1, Subchapter 6.

3. The annual emissions data for which the annual fees are based shall accompany the submittal of any annual fees and submitted on forms furnished by the Department of Health.

4. The annual fees and the emission data shall be mailed to:

Clean Air Branch
Environmental Management Division
Hawaii Department of Health
P.O. Box 3378
Honolulu, HI 96801-3378

ATTACHMENT IV: ANNUAL EMISSIONS REPORTING REQUIREMENTS
TEMPORARY COVERED SOURCE PERMIT NO. 0242-01-CT

Issuance Date: October 17, 2006 **Expiration Date: January 17, 2010**

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 nature and amounts of emissions.

1. Complete the attached forms: **Annual Emissions Report Form:** ***Stone Processing – Each Location;*** and **Annual Emissions/Monitoring Report Form:** ***Operating Hours and Fuel Certification – Each Location*****.**

2. The reporting period shall be from January 1 to December 31 of each year. All reports shall be submitted to the Department of Health within **sixty (60) days** after the end of each calendar year and shall be mailed to the following address:

Clean Air Branch
Environmental Management Division
State Department of Health
P.O. Box 3378
Honolulu, HI 96801-3378

3. The permittee shall retain the information submitted, including all emission calculations. These records shall be in a permanent form suitable for inspection, retained for a minimum of five (5) years, and made available to the Department of Health upon request.

4. Any information submitted to the Department of Health without a request for confidentiality shall be considered public record.

5. In accordance with HAR, Section 11-60.1-14, the permittee may request confidential treatment of specific information by submitting a written request to the Director of Health and clearly identifying the specific information that is to be accorded confidential treatment.

ANNUAL EMISSIONS REPORT FORM
STONE PROCESSING – EACH LOCATION
TEMPORARY COVERED SOURCE PERMIT NO. 0242-01-CT

Issuance Date: October 17, 2006 **Expiration Date: January 17, 2010**

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 nature and amounts of emissions.

(Make Copies for Future Use)

For Period: _____ Date: _____

Company Name: Goodfellow Brothers, Inc.

Equipment Location and Jobsite Name: _____

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 the Department of Health as public record.

Responsible Official (Print): _____

Title: _____

Responsible Official (Signature): _____

Type of Operation Equipment No.	Material (tons/year)	Dust Control Measures	Efficiency * (% Reduction)
1. Raw material entering primary crusher.	_____	_____	_____
2. Process material entering secondary crusher.	_____	_____	_____
3. Process material entering tertiary crusher.	_____	_____	_____

Additional Information:

1. Number of Stockpiles _____ Dust Control Measure_____
2. Number of Loaders used _____ Dust Control Measure_____
3. Number of Transfer Points _____ Dust Control Measure_____
4. Vehicle Miles Traveled on unpaved road_____Dust Control Measure _____
5. Tons/hour of material entering primary crusher _____tons/hr.

* - Efficiency factors may be reduced by the Department of Health, if there are any indications that a source's air pollution control device is not operating at the specified efficiency.

ANNUAL EMISSIONS/MONITORING REPORT FORM
OPERATING HOURS AND FUEL CERTIFICATION – EACH LOCATION
TEMPORARY COVERED SOURCE PERMIT NO. 0242-01-CT
(PAGE 1 OF 2)

Issuance Date: October 17, 2006 **Expiration Date: January 2010**

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.

For Period: _____ Date: _____

Company Name: Goodfellow Brothers, Inc.

Equipment Location and Jobsite Name : _____

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 the Department of Health as public record.

Responsible Official (Print): _____

Title: _____

Responsible Official (Signature): _____

Diesel Engine - Each Location		
Equipment No.	Total Fuel Usage (Gallons)	% Sulfur Content by Weight

- If not already on file at the Department of Health, provide the supplier's fuel specification sheet for the type of fuel indicated in the above table. The fuel specification sheet shall indicate the percent sulfur content by weight.

ANNUAL EMISSIONS/MONITORING REPORT FORM
OPERATING HOURS AND FUEL CERTIFICATION – EACH LOCATION
TEMPORARY COVERED SOURCE PERMIT NO. 0242-01-CT
(CONTINUED, PAGE 2 OF 2)

Temporary Stone Processing Plant - Each Location			
Month	Operating Hours (Monthly)	Cumulative Operating Hours (Rolling 12-month Period)	Equipment Nos.
January			
February			
March			
April			
May			
June			
July			
August			
September			
October			
November			
December			

CHANGE OF LOCATION REQUEST FOR A TEMPORARY SOURCE
TEMPORARY COVERED SOURCE PERMIT NO. 0242-01-CT
NON-MOBILE CRUSHERS
(PAGE 1 OF 2)

Issuance Date: October 17, 2006 **Expiration Date: January 17, 2010**

Date: _____

Company Name: Goodfellow Brothers, Inc. Permit No.: 0242-01-CT

Mailing Address: P.O. Box 220 City: Kihei State: Hawaii Zip: 96753

Equipment Description - indicate equipment usage and list the equipment number (Eq. #).

Equipment	Eq. #	QTY	Emission Factor	Projected Operating Hours	Estimated Emissions (tons/yr)	Previous Location
Primary Crusher			0.94 lb/hr			
Secondary Crusher			0.84 lb/hr			
Tertiary Crusher			0.42 lb/hr			
Primary Screens			0.97 lb/hr			
Secondary Screens			0.92 lb/hr			
Tertiary Screens			0.77 lb/hr			
Mobile Screen			0.92 lb/hr			
Diesel Engine		1*	0.58 lb/hr	**		
Storage Pile	N/A		3.71 lb/hr per pile	***		N/A
Loader	N/A		5.1 lb/hr per loader			N/A
Transfer Point	N/A		1.07 lb/hr per point			N/A
Unpaved Road	N/A		11.24 lb/VMT	****		N/A
				TOTAL:		TONS/YEAR OF PM

* - Each site shall be limited to one (1) diesel engine at any given time.

** - Each site shall be limited to 2,000 hours of diesel engine operation per rolling twelve (12) month period.

*** - 'Operating Hours' for the storage piles = # of calendar days x 24 hours/day

**** - Vehicle Miles Traveled on unpaved roads. Zero if permittee is not hauling materials.

CHANGE OF LOCATION REQUEST FOR A TEMPORARY SOURCE
TEMPORARY COVERED SOURCE PERMIT NO. 0242-01-CT
NON-MOBILE CRUSHERS
(CONTINUED, PAGE 2 OF 2)

Issuance Date: October 17, 2006 **Expiration Date: January 17, 2010**

New Equipment Location: _____

Note: The permittee shall submit to the Department of Health an ambient air quality impact assessment if the proposed location is:

a. At or adjacent to a current temporary stone processing plant;
b. At or adjacent to a previous temporary stone processing plant where the total combined operating hours of the previous and proposed diesel engines covered under this permit exceed 2,000 hours on a rolling 12-month basis;
c. At or adjacent to other emission unit(s);
d. Situated where the surrounding terrain within 100 meters of the exhaust stack is higher than the exhaust stack;
e. Situated where other air pollution sources are within 100 meters of the exhaust stack;
f. Situated where there are structures dimensionally larger than the crushers and are within a radius of five times the lesser of the structures' height or width; or
g. Situated such that the Department of Health determines that an ambient air quality impact assessment is necessary.

Jobsite name: _____

Plant site manager or other contact: _____

Phone number: _____

Proposed start date at *New Location*: _____

Estimated project duration: _____

Beginning reading of the diesel engine operating hour meter: _____

Project includes hauling materials: ☐ YES ☐ NO

If yes, Estimated length of unpaved roads (ft): _____

Estimated vehicle miles traveled on unpaved roads (miles) _____

Brief description of the work to be performed. Also identify other air pollution sources and emissions (tons/year) at the new location.

_____

_____

_____

_____

I certify that no modifications will be made to the equipment and operational methods will remain similar as permitted under the current Temporary Covered Source Permit No. 0242-01-CT at this new location.

Responsible Official (Print):

_____

Title: _____

CHANGE OF LOCATION REQUEST FOR A TEMPORARY SOURCE
TEMPORARY COVERED SOURCE PERMIT NO. 0242-01-CT
MOBILE CRUSHERS
(PAGE 1 OF 2)

Issuance Date: October 17, 2006 **Expiration Date: January 17, 2010**

Date: _____

Company Name: Goodfellow Brothers, Inc. Permit No.: 0242-01-CT

Mailing Address: P.O. Box 220 City: Kihei State: Hawaii Zip: 96753

Equipment Description - indicate equipment usage and list the equipment number (Eq. #).

Equipment	Eq. #	QTY	Emission Factor	Projected Operating Hours **	Estimated Emissions (tons/yr)	Previous Location
Primary Mobile Crusher			0.48 lb/hr * 0.84 lb/hr (K-151)			
Secondary Mobile Crusher			0.93 lb/hr			
Mobile Screen			0.92 lb.hr			N/A
Storage Pile	N/A		3.71 lb/hr per pile	***		N/A
Loader	N/A		5.1 lb/hr per loader			N/A
Transfer Point	N/A		1.07 lb/hr per point			N/A
Unpaved Road	N/A		11.24 lb/VMT	****		N/A
				TOTAL:		TONS/YEAR OF PM

* - For 400 TPH Nordberg mobile crushers - K-148, K-149, K-150, and K-164.

** - Each diesel engine may operate up to 2,000 hours per rolling twelve (12) month period per location.

*** - 'Operating Hours' for the storage piles = # of calendar days x 24 hours/day

**** - Vehicle Miles Traveled on unpaved roads. Zero if permittee is not hauling materials.

CHANGE OF LOCATION REQUEST FOR A TEMPORARY SOURCE
TEMPORARY COVERED SOURCE PERMIT NO. 0242-01-CT
MOBILE CRUSHERS
(CONTINUED, PAGE 2 OF 2)

Issuance Date: October 17, 2006 **Expiration Date: January 17, 2010**

New Equipment Location: _____

Note: The permittee shall submit to the Department of Health an ambient air quality impact assessment if the proposed location is:

a. At or adjacent to a current temporary stone processing plant;
b. At or adjacent to a previous temporary stone processing plant where the total combined operating hours of the previous and proposed diesel engines covered under this permit exceed 2,000 hours on a rolling 12-month basis;
c. At or adjacent to other emission unit(s);
d. Situated where the surrounding terrain within 100 meters of the exhaust stack is higher than the exhaust stack;
e. Situated where other air pollution sources are within 100 meters of the exhaust stack;
f. Situated where there are structures dimensionally larger than the crushers and are within a radius of five times the lesser of the structures' height or width; or
g. Situated such that the Department of Health determines that an ambient air quality impact assessment is necessary.

Jobsite name: _____

Plant site manager or other contact: _____

Phone number: _____

Proposed start date at *New Location*: _____

Estimated project duration: _____

Beginning reading of the diesel engine operating hour meter: _____

Project includes hauling materials: ☐ YES ☐ NO

If yes, Estimated length of unpaved roads (ft): _____

Estimated vehicle miles traveled on unpaved roads (miles) : _____

Brief description of the work to be performed. Also identify other air pollution sources and emissions (tons/year) at the new location.

_____

_____

I certify that no modifications will be made to the equipment and operational methods will remain similar as permitted under the current Temporary Covered Source Permit No. 0242-01-CT at this new location.

Responsible Official (Print): _____

Title: _____

Responsible Official (Signature): _____Date: _____

CHANGE OF LOCATION NOTIFICATION
RELOCATING TO A PREVIOUS APPROVED JOBSITE
TEMPORARY COVERED SOURCE PERMIT NO. 0242-01-CT

Issuance Date: October 17, 2006 **Expiration Date: January 17, 2010**

This notification shall be submitted to the Department of health within one (1) business day of the equipment relocation. Submission may be accomplished via facsimile at (808) 586-4359.

Company Name: Goodfellow Bros., Inc. Date: _____

Jobsite Name: _____ Island: _____

Date of the Change of Location Request Approval Letter: _____

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 the Department of Health as public record.

Responsible Official or Authorized Agent (Print): _____

Title:_____

Responsible Official or Authorized Agent (Signature): _____

List of Relocated Stone Processing Plant Equipment

Equipment No.	Start Date	Estimated Duration	Previous Location

Recent 12-Month History of Operations

Equipment No.	Start Date	End Date	Hours Operated

Rolling 12-month jobsite total of the Stone Processing Plant operating hours: _____

MONITORING REPORT FORM
VISIBLE EMISSIONS
TEMPORARY COVERED SOURCE PERMIT NO. 0242-01-CT

Issuance Date: October 17, 2006 **Expiration Date: January 17, 2010**

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:

For Period: _____Date: _____

Company Name: Goodfellow Brothers, Inc.

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 the Department of Health as public record.

Responsible Official (Print): _____

Title: _____

Responsible Official (Signature): _____

Visible Emissions:
Report the following on the lines provided below: all date(s) and six (6) minute average opacity reading(s) which the opacity limit was exceeded during the monthly observations; or if there were no exceedances during the monthly observations, then write no exceedances in the comment column.

EQUIPMENT TYPE	EQUIPMENT NO.	DATE	6 MIN. AVER. (%)	COMMENTS

VISIBLE EMISSIONS FORM REQUIREMENTS
STATE OF HAWAII
TEMPORARY COVERED SOURCE PERMIT NO. 0242-01-CT

Issuance Date: October 17, 2006 **Expiration Date: January 17, 2010**

The following Visible Emissions (V.E.) Form shall be completed **monthly** (*each calendar month*) for each equipment subject to opacity limits in accordance with Method 9 or by use of a Ringelmann Chart as provided. At least **annually** (*calendar year*), V.E. observations shall be conducted for each equipment subject to opacity limits by a certified reader in accordance with Method 9. The V.E. Form shall be completed as follows:

1. Visible emissions observations shall take place during the day only and shall be compared to the Ringelmann Chart provided. The opacity shall be noted in 5 percent increments (i.e., 25%).

2. Orient the sun within a 140 degree sector to your back. Provide a source layout sketch on the V.E. Form using the symbols as shown.

3. Stand at least three (3) stack heights, but not more than a quarter mile from the stack.

4. Two (2) observations shall be taken at fifteen (15) second intervals for six (6) consecutive minutes for each equipment.

5. The six (6) minute average opacity reading shall be calculated for each observation.

6. If possible, the observations shall be performed as follows:

   a. Read from where the line of sight is at right angles to the wind direction.
   b. The line of sight shall not include more than one (1) plume at a time.
   c. Read at the point in the plume with the greatest opacity (without condensed water vapor), ideally while the plume is no wider than the stack diameter.
   d. Read the plume at fifteen (15) second intervals only. Do not read continuously.
   e. The equipment shall be operating at maximum permitted capacity.

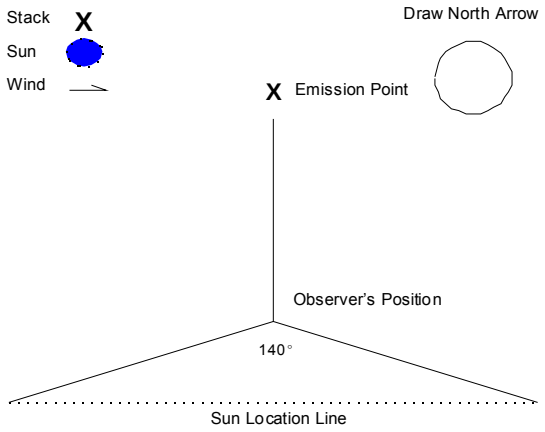
7. If the equipment was shutdown for that period, briefly explain the reason for shutdown in the comment column.

The permittee shall retain the completed V.E. Forms for recordkeeping. These records shall be in a permanent form suitable for inspection, retained for a minimum of five (5) years, and made available to the Department of Health, or their representative upon request.

VISIBLE EMISSIONS FORM
STATE OF HAWAII
TEMPORARY COVERED SOURCE PERMIT NO. 0242-01-CT

Issuance Date: October 17, 2006 **Expiration Date: January 17, 2010**

Permit No.: 0242-01-CT
Company Name: Goodfellow Brothers, Inc.
Equipment and Fuel: _____



Site Conditions:
Stack height above ground (ft): _____
Stack distance from observer (ft): _____
Emission color (black or white): _____
Sky conditions (% cloud cover): _____
Wind speed (mph):_____
Temperature (°F):_____
Observer Name:_____
Certified? (Yes/No): _____
Observation Date and Start Time:_____
Method of Observation (Ringelmann Chart Method 9): _____

SECONDS / MINUTES	0	15	30	45	COMMENTS
1					
2					
3					
4					
5					
6					
Six (6) Minute Average Opacity Reading (%):					

Observation Date and Start Time: _____
Method of Observation (Ringelmann Chart Method 9): _____

SECONDS / MINUTES	0	15	30	45	COMMENTS
1					
2					
3					
4					
5					
6					
Six (6) Minute Average Opacity Reading (%):					

COMPLIANCE CERTIFICATION FORM
TEMPORARY COVERED SOURCE PERMIT NO. 0242-01-CT
(PAGE 1 OF 2)

Issuance Date: October 17, 2006 **Expiration Date: January 17, 2010**

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 certification at least annually, or more frequently as set by an applicable requirement:

For Period: _____ Date: _____

Company Name: Goodfellow Brothers, Inc.

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. I further state that I will assume responsibility for the construction, modification, or operation of the source in accordance with the Hawaii Administrative Rules, Title 11, Chapter 60.1, Air Pollution Control, and any permit issued thereof.

Responsible Official (Print): _____

Title: _____

Responsible Official (Signature): _____

Complete the following information for ***each*** term or condition of the permit that applies to ***each*** emissions unit at the source. Also include any additional information as required by the director. The compliance certification may reference information contained in a previous compliance certification submittal to the director, provided such referenced information is certified as being current and still applicable.

1. Current permit number:_____
2. Emissions Unit No./Description: _____
3. Identify the permit term(s) or condition(s) that is/are the basis of this certification:

_____
_____
_____
_____

4. Compliance status during the reporting period:
   a. Has the emissions unit been in compliance with the identified permit term(s) or condition(s)?

      □ YES □ NO

   b. If YES, was compliance continuous or intermittent?

      □ Continuous □ Intermittent

COMPLIANCE CERTIFICATION FORM
TEMPORARY COVERED SOURCE PERMIT NO. 0242-01-CT
(CONTINUED, PAGE 2 OF 2)

c. If NO, explain.

_____
_____
_____
_____

5. The methods used for determining the compliance status of the emissions unit currently and over the reporting period (e.g., monitoring, recordkeeping, reporting, test methods, etc.):

_____
_____
_____

Provide a detailed description of the methods used to determine compliance: (e.g. monitoring device type and location, test method description, or parameter being recorded, frequency of recordkeeping, etc.)

_____
_____
_____
_____

6. Statement of Compliance with Enhanced Monitoring and Compliance Certification Requirements.

a. Is the emissions unit identified in this application in compliance with applicable enhanced monitoring and compliance certification requirements?

□ YES □ NO

b. If YES, identify those requirements:

_____
_____
_____
_____

c. If NO, describe below which requirements are not being met:

_____
_____
_____
_____