

PROPOSED

Issue Date

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
(xxxx xxxx xxxx xxxx xxxx)

13-xxxE CAB
File No. 0467-03

Mr. Ross Richards
Project Engineer
Hawaiian Dredging Construction Company
P.O. Box 4088
Honolulu, Hawaii 96812-4088

Dear Mr. Richards:

**Subject: Temporary Covered Source Permit (CSP) No. 0467-01-CT
Application for Renewal No. 0467-03
Hawaiian Dredging Construction Company
1500 TPH Portable Stone Quarrying and Processing Plant
with 810 hp Diesel Engine Generator
Located at: Various Temporary Sites, State of Hawaii
Current Location: Storage Site at Camp 10, Puunene, Maui
Date of Expiration: 5 Years from Issue Date**

The subject Temporary 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, specifications, and information that you submitted as part of your renewal application received on April 1, 2009. This permit shall supersede CSP No. 0467-01-CT issued on May 6, 2005, in its entirety. A receipt for the application filing fee of \$500.00 is enclosed.

The Temporary 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 - Insignificant Activities
- Attachment III: Annual Fee Requirements
- Attachment IV: Annual Emissions Reporting Requirements

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Mr. Ross Richards
Issue Date
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The following forms are enclosed for your use and submittal as required:

- Compliance Certification Form
- Monitoring Report Form: Operating Hours
- Monitoring Report Form: Fuel Certification
- Monitoring Report Form: Stone Quarrying and Processing
- Monitoring Report Form: Opacity Exceedances
- Annual Emissions Report Form: Fuel Consumption
- Annual Emissions Report Form: Stone Quarrying and Processing
- Change of Location Request for a Temporary Source
- Excess Emissions and Continuous Monitoring System (CMS) Performance Report and/or Summary Report Form

The following are enclosed for your use in monitoring visible emissions:

- Visible Emissions Form Requirements, State of Hawaii
- Visible Emissions Form

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 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.

If you have any questions, please contact Mr. Darin Lum of the Clean Air Branch at (808) 586-4200.

Sincerely,

STUART YAMADA, P.E., CHIEF
Environmental Management Division

DL:smk

Enclosures

c: CAB Monitoring Section

PROPOSED

**ATTACHMENT I: STANDARD CONDITIONS
TEMPORARY COVERED SOURCE PERMIT NO. 0467-01-CT**

Issuance Date:

Expiration Date:

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)

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

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 a covered source covered by this permit**, the discontinuance shall be reported 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

25. Each permit renewal application shall be submitted to the Department of Health and the U.S. EPA, Region 9, no less than twelve (12) months and no more than eighteen (18) months prior to the permit expiration date. The Director may allow a permit renewal application to be submitted no less than six (6) 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
Hawaii Department of Health
919 Ala Moana Boulevard, Room 203
Honolulu, HI 96814**

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)

¹The 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.

²The 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. 0467-01-CT**

Issuance Date:

Expiration Date:

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 Temporary Covered Source Permit consists of the following equipment and associated appurtenances:
 - a. One (1) 52" x 20' Cedarapids Vibrating Grizzly Feeder, model no. 5220VGF, serial no. 50814;
 - b. One (1) 1500 TPH Cedarapids Primary Jaw Crusher, model no. 3054, serial no. 50764;
 - c. One (1) 380 TPH Cedarapids Cone Crusher, model no. RC54, serial no. 2310792;
 - d. One (1) 5' x 16' Cedarapids 3-Deck Screen, model no. 5163-26, serial no. 34C1492;
 - e. Radial Stacker and Miscellaneous conveyors;
 - f. Water spray system; and
 - g. One (1) 810 hp Caterpillar Diesel Engine Generator, model no. 3412DI, serial no. 81Z09827.

(Auth.: HAR §11-60.1-3)

2. The permittee shall permanently attach an identification tag or nameplate on each of the equipment listed above except for the radial stacker, miscellaneous conveyors, and water spray system which identifies the model number, serial number or I.D. number, and manufacturer. The identification tag or name plate shall be attached to the equipment in a conspicuous position.

(Auth.: HAR §11-60.1-5, §11-60.1-90)

Section B. Applicable Federal Regulations

1. The 1500 TPH primary jaw crusher, 380 TPH cone crusher, 3-deck screen, radial stacker, and miscellaneous conveyors, are subject to the provisions of the following federal regulations:
 - a. 40 Code of Federal Regulations (CFR) Part 60, New Source Performance Standards (NSPS), Subpart A, General Provisions; and
 - b. 40 CFR Part 60, New Source Performance Standards (NSPS), Subpart OOO, Standards of Performance for Nonmetallic Mineral Processing Plants.

The permittee shall comply with all applicable requirements of these standards, including all emission limits, notification, reporting, monitoring, testing and recordkeeping 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

2. The 810 hp diesel engine generator is subject to the provisions of the following federal regulations:
 - a. 40 CFR Part 63, National Emission Standards for Hazardous Air Pollutants for Source Categories (Maximum Achievable Control Technologies (MACT) Standards), Subpart A, General Provisions; and
 - b. 40 CFR Part 63, National Emission Standards for Hazardous Air Pollutants for Source Categories (Maximum Achievable Control Technologies (MACT) Standards), Subpart ZZZZ, National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines.

The permittee shall comply with all applicable provisions of these standards, including all emission limitations and all notification, 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, §11-60.1-174; 40 CFR §63.1, §63.6585)¹

Section C. Emission and Operational Limitations

1. The annual production of the 1500 TPH portable stone processing plant shall not exceed 1,000,000 tons per any rolling twelve-month (12-month) period.

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

2. The permittee shall not cause to be discharged into the atmosphere from the 1500 TPH primary jaw crusher or the 380 TPH cone crusher, fugitive emissions which exhibit greater than fifteen (15) percent opacity.

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

3. The permittee shall not cause to be discharged into the atmosphere from the three-deck (3-deck) screen, or from any transfer point on the radial stacker or any of the miscellaneous conveyors, fugitive emissions which exhibit greater than ten (10) percent opacity.

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

4. The permittee shall take measures to control fugitive dust (e.g., wet suppression, enclosures, dust screens, etc.) at the portable stone processing plant and throughout the workyard, including all material transfer points, open conveyors, and stockpiles. 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)

5. The permittee shall not cause or permit fugitive dust to become airborne without taking reasonable precautions and shall not cause or permit 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)

6. Water spray bars and/or water spray trucks shall be provided as necessary at the following locations to minimize fugitive dust:

- a. At stockpiles and material drop off points;
- b. At the screen and conveyor transfer points;
- c. At the primary jaw crusher and cone crushers; and
- d. On the facility's unpaved roads.

The water spray system shall be maintained in good operating condition and be utilized as necessary during plant operations. The Department of Health may at any time require additional water sprays or manual water spraying at pertinent locations other than those listed above if an inspection indicates poor or insufficient fugitive dust control.

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

7. The permittee shall not operate the portable stone processing plant if the inspection of the waterspray system, as required by Special Condition No. D.3, of this Attachment, indicates there is a significant drop in water flow rate, plugged nozzle(s), leak in the piping system, or other problems which affects the efficiency of the waterspray system. The permittee shall investigate and correct the problem before resuming operation. The normal operating flow rate (gal/min) and/or water pressure (psi) of the waterspray system shall be established in the performance test conducted pursuant to Section F of this Attachment, and may be incorporated into the permit.

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

8. The permittee shall operate the portable stone processing plant as a single plant with all incoming materials being processed by the primary jaw crusher. The permittee shall not operate the plant in a configuration that would result in an increase in the number of emission points or stockpiles, such as the addition of more transfer or stacking conveyors.

(Auth.: HAR §11-60.1-3, §11-60.1-90)

9. The crushers, screen, conveyors, and the diesel engine generator shall be maintained in good operating condition with scheduled inspection and maintenance as recommended by the manufacturer or at least once per month.

(Auth.: HAR §11-60.1-3, §11-60.1-90)

10. 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 §11-60.1-3, §11-60.1-81, §11-60.1-90)

11. Subsequent location changes of the portable stone quarrying and processing plant shall be in accordance with Section G of this Attachment. For each change in location, the Department of Health reserves the right to impose additional operational controls and restrictions if a site evaluation indicates the controls and/or restrictions are necessary.

(Auth.: HAR §11-60.1-3, §11-60.1-90)

12. The diesel engine generator shall be fired on diesel fuel no. 2 with a maximum sulfur content not to exceed 0.5% by weight. On and after May 3, 2013, the diesel engine generator shall comply with Special Condition No. C.16.g of this Attachment.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-38, §11-60.1-90)

13. The total hours of operation for the diesel engine generator shall each not exceed 2,080 hours per any rolling twelve-month (12-month) period.

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

14. For any six (6) minute averaging period, the diesel engine generator shall not exhibit visible emissions of twenty (20) percent opacity or greater, except as follows: during start-up, shutdown, or equipment breakdown, the diesel engine generator may exhibit visible emissions greater than twenty (20) percent opacity but not exceeding sixty (60) percent opacity for a period aggregating not more than six (6) minutes in any sixty (60) minutes.

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

15. Alternate Operating Scenario

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

- i. Notification and approval in accordance with Special Condition No. E.8.a of this Attachment;
 - ii. The temporary replacement unit is similar in size with equal or lesser emissions;
 - iii. The temporary replacement unit complies with all applicable conditions including all air pollution control equipment requirements, operating restrictions, and emission limits;
 - iv. The installation/operation of the temporary replacement unit shall not exceed twelve (12) consecutive months;
 - v. The diesel engine generator shall be repaired and returned to service at the same location in a timely manner; and
 - vi. Removal and return information is submitted as required by Special Condition No. E.8.b of this Attachment.
 - b. The Department of Health may require an ambient air quality assessment of the temporary unit, and/or provide a conditional approval to impose additional monitoring, testing, recordkeeping, and reporting requirements to ensure the temporary unit is in compliance with the applicable requirements of the permitted unit being temporarily replaced.
 - c. Records shall be maintained in accordance with Special Condition No. D.6 of this Attachment.
 - d. The terms and conditions under each operating scenario shall meet all applicable requirements, including special conditions of this permit.
- (Auth.: HAR §11-60.1-3, §11-60.1-90)
16. On and after May 3, 2013, the permittee shall comply with the following requirements for the diesel engine generator:
- a. An oxidation catalyst system shall be installed, operated, and maintained;
 - b. Except during startup, limit the concentration of carbon monoxide (CO) in the engine exhaust to twenty-three (23) ppmvd at fifteen (15) percent O₂; or reduce CO emissions by seventy (70) percent or more;
 - c. Except during startup, the engine exhaust temperature shall be maintained such that the temperature at the oxidation catalyst inlet is greater than or equal to 450 °F and less than or equal to 1350 °F;
 - d. The oxidation catalyst shall be maintained such that the pressure drop does not change by more than 2" H₂O at 100% load (± 10%) from the pressure drop across the catalyst measured during the initial performance test, excluding periods of startup;
 - e. The engine idling during startup shall be minimized and startup shall not exceed thirty (30) minutes;
 - f. A closed crankcase ventilation system or a filtration system on the open crankcase ventilation system shall be installed, operated, and maintained; and

- g. Shall be fired only on diesel fuel no. 2 with a maximum sulfur content not to exceed 0.0015% by weight and a minimum cetane index of forty (40) or a maximum aromatic content of thirty-five (35) volume percent.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90, 40 CFR §63.6603, §63.6625)¹

Section D. Monitoring and Recordkeeping Requirements

1. A non-resetting hour meter shall be operated and maintained on the diesel engine generator for the permanent recording of the total hours the engine has operated. The non-resetting meter shall not allow the manual resetting or other manual adjustment of the meter readings. The installation of any new non-resetting meter or the replacement of any existing non-resetting meter shall be designed to accommodate a minimum of five (5) years of equipment operation, considering any operational limitations, before the meter returns to a zero reading.

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

2. A water pressure gauge and/or flow meter shall be operated and maintained to measure the operating water pressure (psi) and/or flow rate (gal/min) of the waterspray system.

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

3. The waterspray system, to include the piping system, spray nozzles, and water pressure gauge and/or flow meter, shall be checked routinely, at least once per week.

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

4. Visible Emissions (VE)

- a. Except in those months where a performance test is conducted pursuant to Section F of this Attachment, the permittee shall conduct **monthly** (*calendar month*) visible emissions observations for the 1500 TPH primary jaw crusher, 380 TPH cone crusher, three-deck (3-deck) screen, and transfer points on the radial stacker and miscellaneous conveyors. Observations shall be made at emission points subject to an opacity limit, and shall be performed by a certified reader in accordance with 40 CFR Part 60, Appendix A, Method 9 or U.S. EPA approved equivalent methods, or alternate methods with prior written approval from the Department of Health. For the monthly observations, two (2) consecutive six (6) minute observations shall be taken at fifteen (15) second intervals for each emission point. In addition, the observer shall comply with the following additional requirements:

- i. The minimum distance between the observer and the emission 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 (ton/hr) of the plant at the time the observations were made.

Records shall be completed and maintained in accordance with the **Visible Emissions Form Requirements**.

The Department of Health may allow observation of a portion of the total emission points, if it can be demonstrated that operations have been in compliance with the permit. At a minimum, at least three (3) emission points shall be observed each month. The selection of the points and allowance to observe a portion of the total required emission points shall be obtained in writing from the Department of Health.

- b. The permittee shall conduct **monthly** (*calendar month*) visible emissions observations of the diesel engine generator's exhaust stack by a certified reader in accordance with 40 CFR Part 60, Appendix A, Method 9, or U.S. EPA approved equivalent methods, or alternate methods with prior written approval from the Department of Health. For the monthly observation, two (2) consecutive six (6) minute observations shall be taken at fifteen (15) second intervals. Records shall be completed and maintained in accordance with the **Visible Emissions Form Requirements**.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-32, §11-60.1-90)

5. The permittee shall maintain records on the following items:
 - a. The total number of hours the diesel engine generator has operated on a monthly and rolling twelve (12) month basis. Monthly records shall include:
 - ii. Date of meter reading;
 - iii. Beginning meter readings for each month;
 - iv. Total operating hours for each month; and
 - v. Total operating hours on a rolling twelve-month (12-month) basis.
 - b. The total number of gallons of diesel fuel no. 2 that the diesel engine generator has consumed on a monthly and annual basis for the purpose of annual emissions reporting;
 - c. Fuel delivery receipts, showing the fuel type, date of delivery, and amount (gallons) of fuel delivered to the site for the diesel engine generator shall be maintained. Fuel sulfur content and cetane index or aromatic content may be demonstrated by providing the supplier's fuel specification sheet for the type of fuel purchased and received;
 - d. The total tons of material processed on a monthly and rolling twelve-month (12-month) basis by the portable stone processing plant;
 - e. Records of the monthly and annual visible emissions observations for the diesel engine generator. Also, records of the monthly visible emissions observations and the

annual performance opacity test for the 1500 TPH primary jaw crusher, 380 TPH cone crusher, three-deck (3-deck) screen, and transfer points on the radial stacker and miscellaneous conveyors; and

- f. Equipment inspection, maintenance and repair work. A log shall be maintained for the equipment covered under this permit. Inspection of the waterspray system, and replacement of parts and repairs to the crushers, screen, conveyors, diesel engine generator and waterspray system shall be well documented. Also include the records for the temporary replacement of the diesel engine generator. At a minimum, the log shall include:
 - i. Date of the inspection/maintenance/repair work;
 - ii. Description of the findings and any maintenance/repair work performed; and
 - iii. The name and title of the personnel performing the inspection/work.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90, 40 CFR §63.6655)¹

6. Alternate Operating Scenario

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.

(Auth.: HAR §11-60.1-3, §11-60.1-90)

7. Not later than May 3, 2013, the permittee shall install, operate, and maintain a continuous parameter monitoring system (CPMS) to monitor and record temperature at the oxidation catalyst inlet on the diesel engine generator. The permittee must prepare a site-specific monitoring plan. The CPMS and the site-specific monitoring plan must meet the requirements of 40 CFR §63.6625(b).

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90, 40 CFR §63.6625, §63.6655)¹

8. Once the testing required pursuant to Special Condition No. F.9 of this Attachment is completed, the permittee shall measure and record the pressure drop across each oxidation catalyst on a monthly basis except during months in which the diesel engine generator does not operate.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90, 40 CFR §63.6625, §63.6640, §63.6655)¹

9. All records, including supporting information, shall be maintained at the facility for at least five (5) years from the date of the monitoring samples, measurements, tests, reports, or application. Support information includes all calibration and maintenance records and

copies of all reports required by the permit. These records shall be in a permanent form suitable for inspection and made available to the Department of Health or their representative(s) upon request.

(Auth.: HAR §11-60.1-3, §11-60.1-90)

Section E. Notification and Reporting Requirements

1. Notification and reporting pertaining to the following events shall be done in accordance with Attachment I, Standard Condition Nos. 16, 17, and 24, respectively:
 - a. *Intent to shut down air pollution control equipment for necessary scheduled maintenance;*
 - b. *Emissions of air pollutants in violation of HAR, Chapter 11-60.1 or this permit (excluding technology-based emission exceedances due to emergencies); and*
 - c. *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)

2. The permittee shall submit **semi-annually** the following reports to the Department of Health. The reports shall be submitted within **sixty (60) days** after the end of each semi-annual calendar period (January 1 to June 30 and July 1 to December 31) and shall include the following:
 - a. The total hours of operation for the diesel engine generator on a monthly and rolling twelve-month (12-month) basis;
 - b. The maximum sulfur content (percent by weight), cetane index or aromatic content of the diesel fuel no. 2 fired in the diesel engine generator during the respective reporting period.
 - c. The total tons of material processed by the portable stone processing plant on a monthly and rolling twelve-month (12-month) basis;
 - d. Any opacity exceedances as determined by the required visible emissions monitoring of the diesel engine generator, crushers, screen, and transfer points on the radial stacker and miscellaneous conveyors. 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; and
 - e. Any deviations from permit requirements shall be clearly identified.

The enclosed **Monitoring Report Forms - Operating Hours, Fuel Certification, Stone Quarrying and Processing** and **Opacity Exceedances**, shall be used for reporting purposes.

- f. The permittee shall submit semi-annual compliance reports to the Department of Health and U.S. EPA, Region 9, in accordance with 40 CFR §63.6650. The enclosed **Excess Emissions and Continuous Monitoring System (CMS) Performance Report and/or Summary Report Form** or an equivalent form shall be used.

(Auth.: HAR §11-60.1-3, §11-60.1-90, 40 CFR §63.6650)¹

3. Annual Emissions

As required by Attachment IV, and in conjunction with the requirements of Attachment III, Annual Fee Requirements, the permittee shall submit on an annual basis the total tons per year emitted of each regulated air 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 Forms - Fuel Consumption and Stone Quarrying and Processing**, shall be used in reporting annual emissions.

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

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-90, §11-60.1-114)

4. The permittee shall report **within five (5) working 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 source performance testing, more frequent monitoring, or the implementation of a corrective action plan.

(Auth.: HAR §11-60.1-3, §11-60.1-15, §11-60.1-16, §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 attached **Compliance Certification Form** pursuant to HAR, §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;
- f. Brief description of any deviations including identifying as possible exceptions to compliance any periods during which compliance is required and in which the excursion or exceedance as defined in 40 CFR 64 occurred; and
 - g. Any additional information as required by the Department of Health including information to determine compliance.

The Compliance certification shall be submitted within **sixty (60) days after** the end of 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.

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

- 6. The permittee shall notify the Department of Health and U.S. EPA, Region 9, of the intent to conduct compliance tests as required by Special Condition No. F.9 of this Attachment at least **sixty (60) days** prior to the scheduled test date.

(Auth.: HAR §11-60.1-3, §11-60.1-90, 40 CFR §63.6645)¹

- 7. The permittee shall notify the Department of Health and U.S. EPA, Region 9, of the compliance status of the diesel engine generator relative to the requirements of Attachment II, Special Condition No. C.16.b within **sixty (60) days** of completion of the testing program required by Special Condition No. F.9 of this Attachment.

(Auth.: HAR §11-60.1-3, §11-60.1-90, 40 CFR §63.6645)¹

- 8. Alternate Operating Scenario

- a. The permittee shall submit a written request and receive prior written approval from the Department of Health before the exchange. The written request shall identify at a minimum the reasons for the replacement of the diesel engine generator from the site of operation and the estimated time period/dates for the temporary replacement, type and size of the temporary unit, emissions data, and stack parameters.
- b. Prior to the removal and return of the diesel engine generator, the permittee shall submit to the Department of Health written documentation on the removal and return dates and on the make, size, model and serial numbers for both the temporary replacement unit and the installed unit.

(Auth.: HAR §11-60.1-3, §11-60.1-90)

Section F. Testing Requirements

1. On an annual basis or at other times as specified by the Department of Health, the permittee shall conduct or cause to be conducted performance tests to determine the visible emissions of fugitive emissions from the 1500 TPH primary jaw crusher, 380 TPH cone crusher, three-deck (3-deck) screen, and transfer points on the radial stacker and miscellaneous conveyors. The Department of Health may require testing at other points in the facility or more frequent testing if an inspection indicates opacity exceedances at emission points.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-11, §11-60.1-90, §11-60.1-161; 40 CFR §60.675)¹

2. 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-4, 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 emission source shall be 4.57 meters (15 feet);
 - 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 at the time the observations were made.
- b. When determining compliance with the fugitive emissions standard of Special Condition Nos. C.2 and C.3 of this Attachment, the duration of Method 9 observations must be thirty (30) minutes (five (5) six-minute (6-minute) averages). Compliance with the applicable fugitive emission limits specified in Special Condition Nos. C.2 and C.3 of this Attachment must be based on the average of the five (5) six-minute (6-minute) averages.
- c. When determining compliance with the fugitive emissions standard of Special Condition Nos. C.2 and C.3 of this Attachment, if emissions from two (2) 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. Use for the combined emission stream the highest fugitive opacity standard applicable to any of the individual affected facilities contributing to the emissions stream; or
 - ii. Separate the emissions so that the opacity of emissions from each affected facility can be read.

- d. When determining compliance with the fugitive emissions standard of Special Condition Nos. C.2 and C.3 of this Attachment, a single visible emission observer may conduct visible emission observations for up to three (3) fugitive, stack, or vent emission points within a fifteen-second (15-second) interval if the following conditions are met:
- i. No more than three (3) emission points may be read concurrently;
 - ii. All three (3) emission points must be within a seventy (70) degree viewing sector or angle in front of the observer such that the proper sun position can be maintained for all three (3) points; and
 - iii. If an opacity reading for any one (1) of the three (3) emission points equals or exceeds the applicable standard, then the observer must stop taking readings for the other two (2) points and continue reading just that single point.
- e. If, after **thirty (30) days** notice for an initially scheduled performance test, there is a delay, for example, due to operational problems, in conducting any rescheduled performance test required by Section F of this Attachment, the permittee shall submit a notice to the Department of Health at least **seven (7) days prior** to any rescheduled performance test.

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

3. **At least thirty (30) days prior to conducting the performance test**, 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.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90, §11-60.1-161; 40 CFR §60.8)¹

4. The performance tests shall be made at the expense of the permittee and shall be conducted at the maximum expected operating capacity of the portable stone processing plant. All performance tests may be monitored by the Department of Health.

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

5. Any deviations from these conditions, test methods, or procedures may be cause for rejection of the test results unless such deviations are approved by the Department of Health before the tests.

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

6. **Within sixty (60) days after completion of the performance test**, the permittee shall submit to the Department of Health and U.S. EPA, Region 9, the test report which includes the operating conditions of the facility at the time of the test (e.g., water pressure for dust suppression), the summarized test results, other pertinent support calculations, and field/laboratory data. The results shall be recorded and reported in accordance with 40 CFR Part 60, Appendix A and §60.8.

The performance test report shall include the crusher operating rates (tons/hr), locations of where the visible emissions were read, visible emissions readings, location of water sprays, and operating water pressure (psi) and/or water flow rate (gal/min) of the water spray system during the test. The normal operating water pressure of the spray system shall be determined by the water pressure and/or flow rate used during the performance test that demonstrates compliance with the opacity limits of this permit.

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

7. Upon written request and justification, the Department of Health may waive the requirement for, or a portion of, a specific performance test. The waiver request is to 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 test indicating compliance by a wide margin, documentation of continuing compliance, and further that operations of the source have not changed since the previous test.

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

8. The Department of Health may request additional performance tests if an inspection indicates poor or insufficient controls.

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

9. The permittee shall conduct initial performance tests on the diesel engine generator to demonstrate compliance with the requirements of Special Condition No. C.16.b of this Attachment, no later than October 30, 2013. Performance tests shall be conducted for carbon monoxide (CO). The catalyst pressure drop and catalyst inlet temperature shall also be measured and recorded. Subsequent performance tests shall be conducted after every 8,760 hours of operation or three (3) years of operation, whichever comes first. Performance tests shall be conducted under such conditions as the EPA specifies to the permittee based on representative performance (i.e., performance based on normal operating conditions) of the diesel engine generator. Performance tests for emissions of CO shall be conducted and results recorded and reported in accordance with the test methods and procedures set forth in 40 CFR §63.6620.

- a. At least **sixty (60) days** prior to performing a performance test, the permittee shall submit a written *performance test plan* to the Department of Health that describes the 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. Within **sixty (60) days** after completion of the performance test required by Special Condition No. F.9 of this Attachment, the permittee shall submit to the Department of Health and U.S. EPA, Region 9, (Attention: AIR-3), the test report which shall include the operating conditions of the diesel engine generator at the time of the test, the analysis of the fuel oil, the summarized test results, comparative results with the permit emission limits, and other pertinent field and laboratory data.
- c. The permittee may conduct the performance tests on a non-operational diesel engine generator when the engine is started up again. The performance tests shall be conducted within **one-hundred eighty (180) days** after startup of a non-operational engine.
- d. The permittee, at its own expense, shall be responsible for installing and providing the necessary ports in stacks or ducts and such other safe and proper sampling and testing facilities as may be necessary for the determination of the air pollutants emissions. The Department of Health may monitor the tests.
- e. The performance test shall consist of three (3) separate runs using the applicable test method. For the purpose of determining compliance with an applicable regulation, the arithmetic mean of the results from the three (3) runs shall apply.
- f. Any deviations from these conditions, test methods, or procedures may be cause for rejection of the test results unless such deviations are approved by the Department of Health before the tests.

(Auth.: HAR §11-60.1-3, §11-60.1-90, 40 CFR §63.7, §63.6612, §63.6615, §63.6620, §63.6645, §63.6665)¹

Section G. Change of Location Requirements

1. The permittee shall submit information regarding all 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, phone number of the facility, and the plant site manager or other contact;
 - b. Temporary covered source permit number and expiration date;
 - c. Identification of current location;
 - d. Location map of the proposed new temporary location containing the following information:
 - i. Identification of the property boundary, any fence lines, and general terrain features (i.e., flat, hilly, steep);

- 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; and
- 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.
- e. Area map showing the proposed new location of the equipment;
- f. Projected dates of operation at the new location;
- g. Equipment to be used at the site with the maximum projected operating hours and maximum estimated emissions (tons/yr);
- h. Identification of any other air pollution sources at the new location;
- i. 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
- j. 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 and made payable to the **Clean Air Special Fund-COV**.

(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. The change of location approval, or a copy thereof, shall be maintained near the source and shall be made available for inspection upon request by the Department of Health. 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**, including the area map showing the new proposed location.

(Auth.: HAR §11-60.1-3, §11-60.1-91)

6. With the exception of the initial location, if the plant remains in any one location for longer than twelve (12) consecutive months, the Department of Health may request an ambient air quality impact assessment of the source.

(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 Condition No. 28.

(Auth.: HAR §11-60.1-4, §11-60.1-90)

¹The 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.

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

**ATTACHMENT II - INSIG
SPECIAL CONDITIONS - INSIGNIFICANT ACTIVITIES
TEMPORARY COVERED SOURCE PERMIT NO. 0467-01-CT**

Issuance Date:

Expiration Date:

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 true, accurate, and maintained in a permanent form suitable for inspection and made available to the Department of Health or its 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, §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;
6. Brief description of any deviations including identifying as possible exceptions to compliance any periods during which compliance is required and in which the excursion or exceedances as defined in 40 CFR 64 occurred; and
7. Any additional information as required by the Department of Health including information to determine compliance.

The compliance certification shall be submitted **within sixty (60) 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 TEMPORARY COVERED SOURCE PERMIT NO. 0467-01-CT

Issuance Date:

Expiration Date:

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 be 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
919 Ala Moana Boulevard, Room 203
Honolulu, HI 96814**

PROPOSED

**ATTACHMENT IV: ANNUAL EMISSIONS REPORTING REQUIREMENTS
TEMPORARY COVERED SOURCE PERMIT NO. 0467-01-CT**

Issuance Date:

Expiration Date:

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 form(s):

Annual Emissions Report Form: Fuel Consumption

Annual Emissions Report Form: Stone Quarrying and Processing

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
Hawaii Department of Health
919 Ala Moana Boulevard, Room 203
Honolulu, HI 96814**

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, including information concerning secret processes or methods of manufacture, by submitting a written request to the Director and clearly identifying the specific information that is to be accorded confidential treatment.

PROPOSED

**COMPLIANCE CERTIFICATION FORM
TEMPORARY COVERED SOURCE PERMIT NO. 0467-01-CT
PAGE 1 OF ____**

Issuance Date: _____

Expiration Date: _____

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 requested by the Department.

(Make Copies of the Compliance Certification Form for Future Use)

For Period: _____ Date: _____

Company/Facility Name: _____

Responsible Official (Print): _____

Title: _____

Responsible Official (Signature): _____

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.

PROPOSED

**COMPLIANCE CERTIFICATION FORM
 TEMPORARY COVERED SOURCE PERMIT NO. 0467-01-CT
 (CONTINUED, PAGE 2 OF ___)**

Issuance Date:

Expiration Date:

The purpose of this form is to evaluate whether or not the facility was in compliance with the permit terms and conditions during the covered period. If there were any deviations to the permit terms and conditions during the covered period, the deviation(s) shall be certified as *intermittent compliance* for the particular permit term(s) or condition(s). Deviations include failure to monitor, record, report, or collect the minimum data required by the permit to show compliance. In the absence of any deviation, the particular permit term(s) or condition(s) may be certified as *continuous compliance*.

Instructions:

Please certify Sections A, B, and C below for continuous or intermittent compliance. Sections A and B are to be certified as a group of permit conditions. Section C shall be certified individually for each operational and emissions limit condition as listed in the Special Conditions section of the permit (list all applicable equipment for each condition). Any deviations shall also be listed individually and described in Section D. The facility may substitute its own generated form in verbatim for Sections C and D.

A. Attachment I, Standard Conditions

<u>Permit term/condition</u>	<u>Equipment</u>	<u>Compliance</u>
All standard conditions	All Equipment listed in the permit	<input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent

B. Special Conditions - Monitoring, Recordkeeping, Reporting, Testing, and INSIG

<u>Permit term/condition</u> All monitoring conditions	<u>Equipment</u> All Equipment listed in the permit	<u>Compliance</u> <input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent
<u>Permit term/condition</u> All recordkeeping conditions	<u>Equipment</u> All Equipment listed in the permit	<u>Compliance</u> <input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent
<u>Permit term/condition</u> All reporting conditions	<u>Equipment</u> All Equipment listed in the permit	<u>Compliance</u> <input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent
<u>Permit term/condition</u> All testing conditions	<u>Equipment</u> All Equipment listed in the permit	<u>Compliance</u> <input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent
<u>Permit term/condition</u> All INSIG conditions	<u>Equipment</u> All Equipment listed in the permit	<u>Compliance</u> <input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent

PROPOSED

<p>COMPLIANCE CERTIFICATION FORM TEMPORARY COVERED SOURCE PERMIT NO. 0467-01-CT (CONTINUED, PAGE ____ OF ____)</p>	
<p>Issuance Date:</p>	<p>Expiration Date:</p>

C. Special Conditions - Operational and Emissions Limitations

Each permit term/condition shall be identified in chronological order using attachment and section numbers (e.g., Attachment II, B.1, Attachment IIA, Special Condition No. B.1.f, etc.). Each equipment shall be identified using the description stated in Section A of the Special Conditions (e.g., unit no., model no., serial no., etc.). Check all methods (as required by permit) used to determine the compliance status of the respective permit term/condition.

<u>Permit term/condition</u>	<u>Equipment</u>	<u>Method</u>	<u>Compliance</u>
		<input type="checkbox"/> monitoring <input type="checkbox"/> recordkeeping <input type="checkbox"/> reporting <input type="checkbox"/> testing <input type="checkbox"/> none of the above	<input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent
		<input type="checkbox"/> monitoring <input type="checkbox"/> recordkeeping <input type="checkbox"/> reporting <input type="checkbox"/> testing <input type="checkbox"/> none of the above	<input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent
		<input type="checkbox"/> monitoring <input type="checkbox"/> recordkeeping <input type="checkbox"/> reporting <input type="checkbox"/> testing <input type="checkbox"/> none of the above	<input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent
		<input type="checkbox"/> monitoring <input type="checkbox"/> recordkeeping <input type="checkbox"/> reporting <input type="checkbox"/> testing <input type="checkbox"/> none of the above	<input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent
		<input type="checkbox"/> monitoring <input type="checkbox"/> recordkeeping <input type="checkbox"/> reporting <input type="checkbox"/> testing <input type="checkbox"/> none of the above	<input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent
		<input type="checkbox"/> monitoring <input type="checkbox"/> recordkeeping <input type="checkbox"/> reporting <input type="checkbox"/> testing <input type="checkbox"/> none of the above	<input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent
		<input type="checkbox"/> monitoring <input type="checkbox"/> recordkeeping <input type="checkbox"/> reporting <input type="checkbox"/> testing <input type="checkbox"/> none of the above	<input type="checkbox"/> Continuous <input type="checkbox"/> Intermittent

(Make Additional Copies if Needed)

PROPOSED

<p>COMPLIANCE CERTIFICATION FORM TEMPORARY COVERED SOURCE PERMIT NO. 0467-01-CT (CONTINUED, PAGE ___ OF ___)</p>	
<p>Issuance Date:</p>	<p>Expiration Date:</p>

D. Deviations

<u>Permit Term/ Condition</u>	<u>Equipment / Brief Summary of Deviation*</u>	<u>Deviation Period time (am/pm) & date (mo/day/yr)</u>	<u>Date of Written Deviation Report to DOH (mo/day/yr)</u>
		Beginning: Ending:	

*Identify as possible exceptions to compliance any periods during which compliance is required and in which an excursion or exceedance as defined under 40 CFR 64 occurred.

(Make Additional Copies if Needed)

PROPOSED

MONITORING REPORT FORM OPERATING HOURS TEMPORARY COVERED SOURCE PERMIT NO. 0467-01-CT

Issuance Date: _____

Expiration Date: _____

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)

For Period: _____ Date: _____

Facility Name: _____

Equipment Location: _____

Equipment Description: _____

Equipment Capacity/Rating (specify units): _____

(Units such as Horsepower, kilowatt, tons/hour, etc.)

Serial/ID No.: _____

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): _____

MONTH	MONTHLY OPERATING HOURS (Hrs)	TOTAL OPERATING HOURS ROLLING 12-MONTHS BASIS (Hrs)	NOTES
January			
February			
March			
April			
May			
June			
July			
August			
September			
October			
November			
December			

PROPOSED

**MONITORING REPORT FORM
FUEL CERTIFICATION
TEMPORARY COVERED SOURCE PERMIT NO. 0467-01-CT**

Issuance Date: _____

Expiration Date: _____

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)

For Period: _____ Date: _____

Facility Name: _____

Equipment Location: _____

Equipment Description: _____

Serial/ID No.: _____

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): _____

Fuel Certification for the Reporting Period:

Equipment	Type of Fuel Fired	Maximum Sulfur Content (% by Weight)	Minimum Cetane Index	Maximum Aromatic Content (Volume %)
810 hp diesel engine generator				

PROPOSED

**MONITORING REPORT FORM
STONE QUARRYING AND PROCESSING
TEMPORARY COVERED SOURCE PERMIT NO. 0467-01-CT**

Issuance Date: _____

Expiration Date: _____

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)

For Period: _____ Date: _____

Facility Name: _____

Equipment Location: _____

Equipment Description: _____
(Provide Ton/Hr Rated Capacity for Primary Crusher or Crushing Rate of the Plant)

Serial/ID No.: _____

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): _____

MONTH	MONTHLY AMOUNT OF MATERIAL PROCESSED (TONS)	TOTAL AMOUNT OF MATERIAL PROCESSED ROLLING 12-MONTH BASIS (TONS)	NOTES
January			
February			
March			
April			
May			
June			
July			
August			
September			
October			
November			
December			

PROPOSED

**ANNUAL EMISSIONS REPORT FORM
FUEL CONSUMPTION
TEMPORARY COVERED SOURCE PERMIT NO. 0467-01-CT**

Issuance Date: _____

Expiration Date: _____

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: _____
Facility Name: _____
Equipment Location: _____
Equipment Description: _____
Equipment Capacity/Rating (specify units): _____
(Units such as Horsepower, kilowatt, tons/hour, etc.)
Serial/ID No.: _____

Type of Fuel: _____ % Sulfur Content by Weight: _____

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): _____

MONTH	MONTHLY FUEL CONSUMPTION (GALLONS)	NOTES
January		
February		
March		
April		
May		
June		
July		
August		
September		
October		
November		
December		
Total		

PROPOSED

**ANNUAL EMISSIONS REPORT FORM
STONE QUARRYING AND PROCESSING
TEMPORARY COVERED SOURCE PERMIT NO. 0467-01-CT**

Issuance Date: _____

Expiration Date: _____

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: _____

Facility Name: _____

Equipment Location: _____

Equipment Description: _____

(Provide Ton/Hr Rated Capacity for Primary Crusher or Crushing Rate of the Plant)

Serial/ID No.: _____

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	Material Processed (tons/yr)	Air Pollution Control Measures in Use	Control Efficiency (% Reduction)
Truck Unloading			
Primary Crushing			
Cone Crushing			
Screening			
Truck Loading			
Conveyors			
Stock Piles			

NOTE: Control measures include water sprays, partial enclosures, screens, housing and duct work to baghouses.

**Use the following Control Efficiencies, unless documentation is available to show otherwise:*

1. Baghouses: 99%
2. Watersprays, Damp Material, or Shroud: 70%
3. Wet Slurry: 100%

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.

PROPOSED

**CHANGE OF LOCATION REQUEST
FOR A TEMPORARY SOURCE
TEMPORARY COVERED SOURCE PERMIT NO. 0467-01-CT**

Issuance Date:

Expiration Date:

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

(Make Copies for Future Use)

1. The permittee shall submit a change of location request for all location changes. The change of location request shall include the attached Change of Location Request for a Temporary Source Form and the items identified in nos. 2, 3, and 4 below. The change of location request shall be submitted 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.
2. The permittee shall submit a location map of the new temporary location containing the following information:
 - a. Identification of the property boundary, fence lines, and general terrain features (i.e., flat, hilly, steep);
 - b. Location of all structures within 100 meters (330 feet) of the equipment;
 - c. Location of the equipment moving to the new temporary location; and
 - d. Location of other air pollution sources owned and operated by the permittee at the new location, if any.
3. The permittee shall submit a filing fee with each change in location request. The filing fee shall be made payable to the **Clean Air Special Fund-COV** and is as follows:

Covered Sources
_____ \$100.00 for Non-Air Toxic
_____ \$300.00 for Air Toxic
4. If requested by the Department of Health, the permittee shall submit any additional information including an ambient air quality impact analysis of the equipment at the new location.
5. This notification form shall be mailed to the following address:

**CLEAN AIR BRANCH
ENVIRONMENTAL MANAGEMENT DIVISION
HAWAII DEPARTMENT OF HEALTH
919 Ala Moana Boulevard, Room 203
Honolulu, HI 96814
(808) 586-4200**

-
1. 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.
 2. At each new authorized location, the permittee shall operate in accordance with the current Temporary Covered Source Permit and all applicable requirements.

PROPOSED

**CHANGE OF LOCATION REQUEST
FOR A TEMPORARY SOURCE
TEMPORARY COVERED SOURCE PERMIT NO. 0467-01-CT
(PAGE 1 OF 2)**

Issuance Date: _____ **Expiration Date:** _____

1. Company Name: _____
2. Mailing Address: _____
 City: _____ State: _____ Zip Code: _____
 Phone Number: _____
3. Name of Owner/Owner's Agent: _____
 Title: _____ Phone Number: _____
4. Equipment Description (identify each equipment to be relocated): _____

5. Current Location of Equipment: _____

6. New Location Information

- a. Street Address: _____
- b. City: _____ Zip Code: _____ Island: _____
- c. For sites with no street address, provide:
 Description of location: _____
 or, Tax map key: _____
- d. Plant manager/contact: _____ Phone: _____
- e. Proposed start date at new location: _____
- f. Estimated project duration at new location: _____
- g. Describe general terrain features (e.g. flat, hilly, steep, etc.): _____
 Approximate Slope (%): _____ Direction of increasing slope: _____
- h. List structures within **100 meters (330 feet)** of the equipment and which have heights greater than 40% of the equipment stack height. In the following table, provide the height, length, width, and distance to the equipment stack at the new site. If there are no applicable structures, specify "none."

Structure	Distance from Stack (ft)	Height (ft)	Length (ft)	Width (ft)

**CHANGE OF LOCATION REQUEST
FOR A TEMPORARY SOURCE
TEMPORARY COVERED SOURCE PERMIT NO. 0467-01-CT
(PAGE 2 OF 2)**

Issuance Date:

Expiration Date:

- i. Brief description of the work to be performed: _____

- j. Identify other air pollution sources owned and operated by the permittee at the new location, if any: _____

- k. Provide estimated distances to the nearest residence and/or occupied establishments (e.g. schools, businesses, etc.):

Distance	Identify if residence, school, business, etc.

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. I further state that no modifications will be made to the equipment and operational methods will remain similar as permitted under the current temporary covered source permit at this new location.

Responsible Official (Print name): _____ Date: _____

Title of Responsible Official: _____

Responsible Official (Signature): _____

PROPOSED

**EXCESS EMISSIONS AND CONTINUOUS MONITORING SYSTEM (CMS)
PERFORMANCE REPORT AND/OR SUMMARY REPORT FORM
TEMPORARY COVERED SOURCE PERMIT NO. 0467-01-CT
(PAGE 1 OF 6)**

Issuance Date:

Expiration Date:

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

(Make Copies for Future Use)

SECTION I. GENERAL INFORMATION [63.6650(c)(1), 63.10(e)(vi)(A)]

Company Name		Permit No.
<input type="text"/>		<input type="text"/>
Street Address		
<input type="text"/>		
City	State	ZIP Code
<input type="text"/>	<input type="text"/>	<input type="text"/>
Facility Name		
<input type="text"/>		
Facility Street Address (If different than Company Address)		
<input type="text"/>		
City	State	ZIP Code
<input type="text"/>	<input type="text"/>	<input type="text"/>

Report Date and Submittal Reporting Period [63.6650(c)(3), 63.10(e)(3)(vi)(C), 63.10(e)(3)(vi)(M)]

Reporting period beginning date (mm/dd/yyyy)	Reporting period ending date (mm/dd/yyyy)	Summary report date (mm/dd/yyyy)
<input type="text"/>	<input type="text"/>	<input type="text"/>

A. Unit Information

Unit Name

Unit Description [63.6650(e)(9), 63.10(e)(3)(vi)(D)]

B. Excess Emissions and Operating Limitations/Parameters [63.6650(c)(5)]

Have any excess emissions or exceedances of an operating limitation/parameter occurred during this reporting period?

Yes No

If yes, complete the Excess Emissions and Parameter Monitoring Exceedances table **for each period** of excess emissions and/or parameter monitoring exceedances that occurred **during** startups, shutdowns, and/or malfunctions, **or during periods other than** startups, shutdowns, and/or malfunctions.

**Excess Emissions and Continuous Monitoring System (CMS)
Performance Report and/or Summary Report
(Page 2 of 6)**

C. CMS Performance [63.6650(c)(6)]

Has a CMS been inoperative (except for zero/low-level and high-level checks) or out of control during this reporting period?

Yes No

If yes, complete the CMS Performance table **for each period** a CMS was inoperative or out of control.

SECTION II. CERTIFICATION [63.6650(c)(2), 63.10(e)(3)(vi)(L)]

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.

Name of Responsible Official (Print or Type)	Title	Date (mm/dd/yy)
Signature of Responsible Official		

PROPOSED

**Excess Emissions and Continuous Monitoring System (CMS)
Performance Report and/or Summary Report
(Page 5 of 6)**

SECTION IV. SUMMARY REPORT: EXCESS EMISSION AND CONTINUOUS MONITORING SYSTEM PERFORMANCE

A. Process Description and Monitoring Equipment Information

Emission and/or operating parameter limitations [63.6650(e)(8), 63.10(e)(3)(vi)(E)]

--

Monitoring Equipment Information [63.6650(e)(10), (11); 63.10(e)(3)(vi)(F), (G)]

Type	Latest Certification or Audit Date (mm/dd/yyyy)	Manufacturer	Model	Parameter Monitored

B. Emission Data Summary [63.6650(e)(5), (6); 63.10(e)(3)(vi)(I)]

Total duration of excess emissions/parameter exceedances (hours)

--

Total operating time of affected source during the reporting period (days) [63.10(c)(13), 63.10(e)(3)(vi)(H)]

--

Percent of total source operating time during which excess emissions/parameter exceedances occurred (percent)

--

Summary of causes of excess emissions/parameter exceedances (percent of total duration by cause)

Startup/shutdown	%
Control equipment problems	%
Process problems	%
Other known causes	%
Other unknown causes	%
TOTAL	100%

**Excess Emissions and Continuous Monitoring System (CMS)
Performance Report and/or Summary Report
(Page 6 of 6)**

C. CMS Performance Summary [63.6650(e)(7), 63.10(e)(3)(vi)(J)]

Total duration of CMS downtime (hours)

--

Total operating time of affected source during the reporting period (days) [63.10(c)(13), 63.10(e)(3)(vi)(H)]

--

Percent of total source operating time during which CMS were down (percent)

--

Summary of causes of CMS downtime (percent of downtime by cause)

Monitoring equipment malfunctions	%
Nonmonitoring equipment malfunctions	%
Quality assurance/quality control calibrations	%
Other known causes	%
Other unknown causes	%
TOTAL	100%

E. CMS, Process, or Control Changes

Have you made any changes in CMS, processes, or controls since the last reporting period?

Yes No

If you answered yes, please describe the changes below:

Changes in CMS, processes, or controls since the last reporting period [63.6650(e)(12), 63.10(e)(3)(vi)(K)]

--

PROPOSED

**VISIBLE EMISSIONS FORM REQUIREMENTS
STATE OF HAWAII
TEMPORARY COVERED SOURCE PERMIT NO. 0467-01-CT**

Issuance Date:

Expiration Date:

The **Visible Emissions (VE) Form** shall be completed **monthly** (*each calendar month*) for each equipment subject to opacity limits in accordance with 40 CFR Part 60, Appendix A, Method 9. At least **annually** (*calendar year*), VE observation shall be conducted for each equipment subject to opacity limits by a certified reader in accordance with Method 9. The VE Form shall be completed as follows:

1. VE observations shall take place during the day only. The opacity shall be noted in five (5) percent increments (e.g., 25%).
2. Orient the sun within a 140 degree sector to your back. Provide a source layout sketch on the VE Form using the symbols as shown.
3. For VE observations of stacks, stand at least three (3) stack heights but not more than a quarter mile from the stack.
4. For VE observations of fugitive emissions from crushing and screening plants, stand at least 4.57 meters (15 feet) from the visible emissions source, but not more than a quarter mile from the visible emission source.
5. Two (2) consecutive six (6) minute observations shall be taken at fifteen (15) second intervals for each stack or emission point.
6. The six (6) minute average opacity reading shall be calculated for each observation.
7. 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 the maximum permitted capacity.
8. If the equipment was shut-down for that period, briefly explain the reason for shut-down in the comment column.

The permittee shall retain the completed VE 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.

Any required initial and annual performance test performed in accordance with Method 9 by a certified reader shall satisfy the respective equipment's VE monitoring requirements for the month the performance test is performed.

PROPOSED

VISIBLE EMISSIONS FORM
TEMPORARY COVERED SOURCE PERMIT NO. 0467-01-CT

Issuance Date: _____ **Expiration Date:** _____

(Make Copies for Future Use for Each Stack or Emission Point)

Company Name: _____

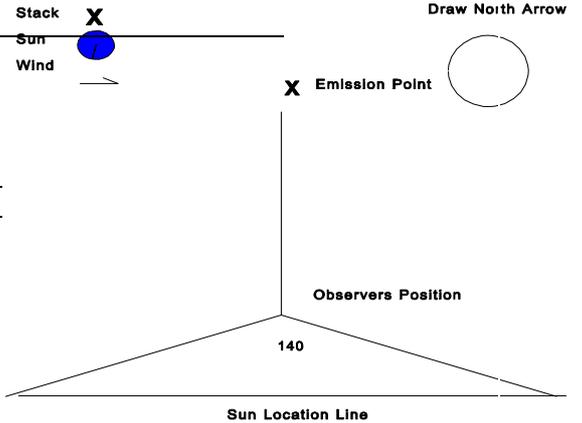
For stacks, describe equipment and fuel: _____

For fugitive emissions from crushers and screens, describe:

Fugitive emission point: _____

Plant Production (tons/hr): _____

(During observation)



Site Conditions:

Emission point or stack height above ground (ft): _____

Emission point or stack distance from observer (ft): _____

Emission color (black or white): _____

Sky conditions (% cloud cover): _____

Wind speed (mph): _____

Temperature (EF): _____

Observer Name: _____

Certified? (Yes/No): _____

Observation Date and Start Time: _____

MINUTE S	Seconds				COMMENTS
	0	15	30	45	
1					
2					
3					
4					
5					
6					
Six (6) Minute Average Opacity Reading (%):					

Observation Date and Start Time: _____

MINUTE S	Seconds				COMMENTS
	0	15	30	45	
1					
2					
3					
4					
5					
6					
Six (6) Minute Average Opacity Reading (%):					