

PROPOSED

[Issuance Date]

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

03-***

File No. 0507-01

Ms. Georgette Silva
President
Pineridge Farms, Inc.
611 Middle Street
Honolulu, Hawaii 96819

Dear Ms. Silva:

**Subject: Amendment to Temporary Covered Source Permit (CSP) No. 0507-01-CT
Application for a Minor Modification File No. 0507-03
Pineridge Farms, Inc.**

**One (1) 275 TPH Crushing Plant with One (1) 300 HP Diesel Engine,
One (1) 195 TPH Crushing Plant with One (1) 160 HP Diesel Engine,
One (1) 200 TPH Screening Plant, One (1) 500 TPH Screening Plant,
One (1) 600 TPH Screening Plant, and One (1) 400 TPH Crushing and
Screening Plant with One (1) 300 HP Diesel Engine**

Located at: Various Temporary Sites, State of Hawaii

Initial Location of New 400 TPH Crushing and Screening Plant:

Kapaa Quarry Road, Kailua, Oahu

Date of Expiration: April 24, 2007

The subject Temporary Covered Source Permit is amended in accordance with Hawaii Administrative Rules, Title 11, Chapter 60.1. This permit amendment allows the addition of a 400 TPH crushing and screening plant (BL-Pegson 4242 SR Tracked Impactor with Sizing Screen). The new unit will be restricted to 2,080 hours of operation per any rolling twelve-month period (the same amount of operating hours allowed for all of the existing units), and will not be allowed to process fines. In addition, one of the 500 TPH screening plants (Turbo Chieftain 1400, serial no. 6603808) has been sold and has been removed from the permit. The facility has proposed to operate the new crushing and screening plant as a stand alone unit without any of the other equipment at any site. The facility's existing limiting configurations (maximum amount of equipment allowed at any location) and location change requirements will remain unchanged. With the conditions proposed, there will be no increase in production rates nor any increase of maximum potential air pollutant emissions allowed at any location. Changes were also made to update the permit condition language and/or to clarify existing conditions.

The changes are reflected in the enclosed Attachment II, Special Conditions. The enclosed Attachment II, as amended on this date, shall replace and supersede Attachment II, Special Conditions of Temporary CSP No. 0507-01-CT as issued on April 25, 2002, and amended on August 25, 2003.

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The Annual Emissions Report Form: “**Portable Crushing and Screening Plants**” and the Monitoring/Annual Emissions Report Form: “**Operating Hours/Fuel Certification/ Equipment Utilization**” have been modified to include annual emissions tracking and monitoring reporting for the new crushing and screening plant. The “**Change of Location Request**” Form was also modified to address the potential operation of more than one diesel engine at a single location.

Attachment II - INSIG: Special Conditions - Insignificant Activities was added to reflect the latest Hawaii Administrative Rule changes regarding insignificant activities.

All other requirements and forms of Temporary CSP No. 0507-01-CT shall not be affected and shall remain valid.

The issuance of this permit amendment is based on the plans, specifications, and information you submitted as part of your application dated November 19, 2003 and additional information received on December 3 and 5, 2003.

A receipt for the application filing fee of \$100.00 was mailed to you on December 17, 2003.

Sincerely,

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

MR:lk

Enclosures

c: CAB Enforcement Section

**ATTACHMENT II: SPECIAL CONDITIONS
TEMPORARY COVERED SOURCE PERMIT NO. 0507-01-CT**

[Amended Date]

Expiration Date: April 24, 2007

In addition to the Standard Conditions of the Temporary 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 for the Portable Stone Processing Plants:
 - a. Crushing Plants (includes Crushing and Screening Plant):
 - 1) One (1) 275 TPH BL-Pegson Impact Crusher, model 428 Trakpactor, serial no. QM014776 with
 - i. One (1) Caterpillar 300 HP diesel engine, model 3306, serial no. 64Z33001.
 - 2) One (1) 195 TPH BL-Pegson Jaw Crusher, model Metro Trak, serial no. QM10381 with
 - i. One (1) Caterpillar 160 HP diesel engine, model 3116TA, serial no. 2MR01700.
 - 3) One (1) 400 TPH BL-Pegson Tracked Impactor (42" x 42") with Product Sizing Screen (11' x 5', 2-deck), model 4242 SR, serial no. QM017963 with
 - i. One (1) Caterpillar 300 HP diesel engine, model C-9 DITA, serial no. CLJ03612.
 - 4) Various conveyors; and
 - 5) Waterspray systems.
 - b. Screening Plants:
 - 1) One (1) 200 TPH Powerscreen; model Mk II, serial no. 2813808;
 - 2) One (1) 500 TPH Powerscreen; Turbo Chieftain 1400, serial no. 6608038;
 - 3) One (1) 600 TPH Powergrid Powerscreen, model Mk III, serial no. 7212816;
 - 4) Various conveyors; and
 - 5) Water spray systems.

(Auth.: HAR §11-60.1-3)

2. An identification tag or name plate shall be displayed on the crushers, screens, and diesel engines listed above to show model no., serial no., and manufacturer. The identification tag or name plate shall be permanently attached to the equipment in a conspicuous location.

(Auth.: HAR §11-60.1-5, §11-60.1-90)

Section B. Applicable Federal Regulations

1. The 275 TPH portable crushing plant, 195 TPH portable crushing plant, and the 400 TPH portable crushing and screening plant are 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.

Should any of the screening plants be used in conjunction with the crushers listed in this section, the screening plant(s), including their conveyors, shall also be subject to the federal regulations listed above.

(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 of the applicable provisions of these standards, including all emission limits, 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, §11-60.1-161; 40 CFR Part 60)¹

Section C. Operational and Emission Limitations

1. Operations at 611 Middle Street (Pineridge Farms, Inc. Storage Yard)

The permittee shall not assemble or operate the 195 TPH Crushing Plant (Metro Trak) or the 275 TPH Crushing Plant (Trakpactor) at the 611 Middle Street site (Pineridge Farms, Inc. Storage Yard) unless an ambient air quality impact assessment for this location is submitted to and approved, in writing, by the Department of Health. The crushing plants may be stored at this location when they are not being utilized at other locations.

(Auth.: HAR §11-60.1-5, §11-60.1-90)

2. Limiting Configurations

For each temporary stone processing plant location, the maximum amount of equipment shall be as follows:

- a. Mk III Powergrid Powerscreen and One (1) Mk II Powerscreen;
- b. Mk III Powergrid Powerscreen and One (1) crushing plant (Trakpactor or Metro Trak);
- c. One (1) Mk II Powerscreen, One (1) Turbo Chieftain 1400 Powerscreen, and Two (2) crushing plants (Trakpactor and Metro Trak); or
- d. 4242 SR Tracked Impactor with Product Sizing Screen.

Under no circumstances shall the Mk III Powergrid Powerscreen be operated at the same location as the Turbo Chieftain 1400 Powerscreen or the 4242 SR Tracked Impactor with Sizing Screen.

The permittee may also operate in configurations where less equipment than that specified above is used at a site (i.e., operation of each equipment individually at different sites or operation of one (1) crushing plant (Trakpactor or Metro Trak) and the Mk II Powerscreen at a site).

(Auth.: HAR §11-60.1-5, §11-60.1-90)

3. Crushing and Screening Operations

- a. The total operating hours of each portable crushing and screening plant, including the diesel engines, shall not exceed 2,080 hours of operation in any rolling twelve (12) month period. The permittee shall not operate the crushing and screening plants unless its respective non-resetting hour meter is recording its hours of operation.

(Auth.: HAR §11-60.1-3, §11-60.1-90)

- b. Neither the Turbo Chieftain 1400 Powerscreen nor the 4242 SR Tracked Impactor with Sizing Screen shall be used for the screening of fines. For the purposes of this permit, fines shall be defined as the screen output product having a maximum size of 0.50 centimeters (3/16th inch) (e.g., sand or soil).

(Auth.: HAR §11-60.1-3, §11-60.1-90)

- c. The permittee shall not cause to be discharged into the atmosphere from any 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

- d. 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 dust emissions which exhibit greater than ten (10) percent opacity. The screening plants and their conveyors shall only be subject to this requirement when utilized in conjunction with a crushing plant.

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

- e. The portable crushing and screening plants shall be configured to the layout identified in the covered source permit application, or to an alternate configuration meeting the following:
 - i. The permittee shall not operate the portable crushing and screening plants in a configuration that would result in an increase in the number of emission points, such as the addition of more transfer or stacking conveyors; and
 - ii. The permittee shall not operate the portable crushing and screening plants in a configuration that would cause an increase in the capacity of the process flow.

(Auth.: HAR §11-60.1-3, §11-60.1-90)

- f. The permittee shall take measures to control fugitive dust (e.g., wet suppression, enclosures, dust screens, etc.) at the crushers, screens, material transfer points, stockpiles, and throughout the facility. 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)

- g. 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 boundary on which the emissions originate.

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

- h. Water spray bars shall be installed, maintained, and utilized as needed during operation of the plant to minimize fugitive dust at the following material drop off points:
 - i. For the Metro Trak and Trackpactor Crushing Plants:
 - a) At the feed of the crusher,
 - b) At the exit of the crusher to the finished material conveyor; and
 - c) At the transfer point from the finished material conveyor to stockpile.
 - ii. For each Screening Plant:
 - a) At the exit of the hopper; and
 - b) At the feed of the screen.
 - iii. For the 4242 SR Tracked Impactor with Sizing Screen:
 - a) At the crusher discharge; and

- b) At the transfer point from the underscreen conveyor to stockpile (identified as the fines conveyor discharge) .

The Department of Health at any time may require additional water sprays or manual water spraying at pertinent locations if an inspection indicates that more fugitive dust control is needed.

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

- i. The portable crushing and screening plants shall not be operated if observation, or the routine inspection required in Special Condition D.2.b. indicates a significant drop in water pressure and/or flow rate, plugged nozzle(s), leak in the piping system, or other problems which affect the efficiency of their respective water spray system. The permittee shall investigate and correct the problem before resuming operations. The normal operating water pressure (psi) and/or flow rate (gal/min) for the water spray systems shall be established in the performance test conducted pursuant to this Attachment, Section F, and may be incorporated into the permit.

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

- j. A water truck shall be maintained and utilized during the facility's operating hours and at other times as necessary to minimize fugitive dust on haul roads and storage piles.

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

4. Diesel Engines

- a. The diesel engines 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, §11-60.1-38, §11-60.1-90)

- b. The exhaust stacks servicing the 275 TPH Trackpactor (Caterpillar 3306) and 195 TPH Metro Trak (Caterpillar 3116TA) diesel engines shall each be constructed to a minimum height of 16.5 feet (5.03 m) above ground elevation.

(Auth.: HAR §11-60.1-3, §11-60.1-90)

- c. The exhaust stack servicing the 400 TPH Tracked Impactor with Sizing Screen (Caterpillar C-9 DITA) diesel engine shall be constructed to a minimum height of 15.5 feet (4.72 m) above ground elevation.

(Auth.: HAR §11-60.1-3, §11-60.1-90)

- d. The permittee shall not operate the 275 TPH Trackpactor (Caterpillar 3306) diesel engine with the 195 TPH Metro Trak (Caterpillar 3116TA) diesel engine, unless an ambient air quality impact assessment for the combined operation of the two diesel engines at the same location is submitted to and approved, in writing, by the Department of Health.

(Auth.: HAR §11-60.1-3, §11-60.1-90)

- e. For any six (6) minute averaging period, the diesel engines shall not exhibit visible emissions of twenty (20) percent or greater, except as follows: during start-up, shutdown, or equipment breakdown, the diesel engines 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) minutes.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-161)

5. Maintenance

The portable crushing and screening plants, including the water spray systems and diesel engines shall be maintained in good operating condition at all times with scheduled inspections and maintenance as recommended by the manufacturer, or as needed.

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

6. Location Change

- a. 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)

- b. Subsequent location changes of the portable crushing and screening plants 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 §11-60.1-81)

- c. 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)

Section D. Monitoring and Recordkeeping Requirements

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

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

1. Operating Hour Limitation

- a. The permittee shall install, operate, and maintain a non-resetting hour meter on the diesel engine of each crushing plant (includes crushing and screening plant) for the continuous and permanent recording of the number of hours operated by each crushing plant and diesel engine. The operating hours of each diesel engine shall represent the total hours operated by each crushing plant for the purpose of the limitation specified in Special Condition No. C.3.a.
- b. The permittee shall install, operate, and maintain a non-resetting hour meter on each screening plant for the continuous and permanent recording of the total number of hours operated by each screening plant for the purpose of the limitation specified in Special Condition No. C.3.a.

(Auth.: HAR §11-60.1-3, §11-60.1-90)

2. Water Spray System

- a. A water pressure gage and/or flow meter shall be installed, operated and maintained to measure the pressure and/or flow rate of the water spray system in psi and/or gallons per minute (gal/min).
- b. The water spray system, to include the water pump, piping system, spray nozzles and any gauges (i.e., water pressure, water flow meter, etc.) shall be checked routinely or at least once per week to insure proper operation of the water spray system.

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

3. Visible Emissions (V.E.)

- a. Except in those months where V.E. observations are conducted pursuant to Special Condition No. D.3.c., the permittee shall conduct **monthly** (calendar month) V.E. observations for the diesel engines in accordance with 40 CFR Part 60, Appendix A,

Method 9 or by use of a Ringelmann Chart as provided. For each month, two (2) consecutive six (6) minute observations shall be taken at fifteen (15) second intervals for each emission point. Records shall be completed and maintained in accordance with the *Visible Emissions Observation Form Requirements*.

- b. Except in those months where a performance test is conducted pursuant to Special Condition No. D. 4. below, the permittee shall conduct **monthly** (*calendar month*) V.E. observations for the crushing plants (includes crushing and screening plant), and screening plants (if used in conjunction with a crushing plant at any time during the month). Observations shall be made at emission points subject to an opacity limit, and shall be performed in accordance with 40 CFR Part 60, Appendix A, Method 9, or by use of a Ringelmann Chart as provided. For the monthly observation, two (2) consecutive six (6) minute observations shall be taken at fifteen (15) second intervals for each emission point. For the crushing and screening plants, 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);
 - 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.

The Department of Health may allow observation of a portion of the total emission points at the crushing and screening plants, if it can be demonstrated that operations have been in compliance with the permit. As a minimum, at least two emission points from each crushing and screening plant shall be observed each month. The selected points for each plant shall include the crushers and screens and a transfer point, or those points as specified by the Department of Health. Allowance to observe a portion of the total required emission points shall be obtained in writing from the Department of Health.

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

- c. The permittee shall conduct **annually** (calendar year), V.E. observations for the diesel engines by a certified reader in accordance with 40 CFR Part 60, Appendix A, Method 9. For the annual observation, two (2) consecutive six (6) minute observations shall be taken at fifteen (15) second intervals for each emission point. Records shall be completed and maintained in accordance with the *Visible Emissions Observation Form Requirements*.

- d. Upon written request and justification by the permittee, the Department of Health may waive the requirement for the annual V.E. observation of the diesel engines. 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, §11-60.1-32, §11-60.1-90)

4. Performance Test

Initial and annual source performance tests shall be conducted on the crushing plants (includes crushing and screening plant), and screening plants (if utilized in conjunction with a crushing plant) pursuant to this Attachment, Section F. Test summaries and results shall be maintained in accordance with the requirements of this section.

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

5. Records

The permittee shall maintain records on the following:

- a. Total tons of material processed by each crushing and screening plant on a monthly and annual basis for purposes of annual emissions reporting. Records shall include the start and end dates the plants are operated at each location, the type (e.g., soil, cinder, gravel, etc.) and the amount of material (tons) processed at each location.
- b. The number of hours each crushing and screening plant operated on a monthly and 12-month rolling basis for purposes of the limitation specified in Special Condition No. C.3.a. For each crushing and screening plant, monthly records shall include:
 - i. Date of meter reading;
 - ii. Identification of crushing or screening plant (list all equipment used in each plant);
 - iii. Beginning and ending meter readings for each month of operation at each location;
 - iv. Total operating hours for each month at each location;
 - v. Total operating hours on a 12-month rolling basis; and
 - vi. Recorder's name and initials.
- c. All instances where a screening plant operated in conjunction with a crushing plant for purposes of Special Condition No. B.1. For each time a screening plant operated in conjunction with a crushing plant, records shall include:

- i. Identification of the screening plant and crushing plant that operated in conjunction with each other;
 - ii. Any other equipment operated with the crushing and screening plants;
 - iii. The date(s) of operation; and
 - iv. The location of operation.
- d. All instances where the 195 TPH crushing plant (Metro Trak) or 275 TPH crushing plant (Trakpactor) was operated at the 611 Middle Street site (Pineridge Farms, Inc. Storage Yard) without prior DOH approval for purposes of Special Condition No. C.1. Records for operations at this site without prior approval shall include:
 - i. The equipment operated;
 - ii. The date(s) of operation;
 - iii. The total amount of hours operated;
 - iv. The type and amount (tons) of material processed; and
 - v. The reason for operating at the Pineridge Farms, Inc. Storage Yard without prior DOH approval.
- e. All instances where the maximum amount of equipment at a location as specified in Special Condition No. C.2. was exceeded. Records for these instances shall include:
 - i. The date(s) of operation;
 - ii. The location;
 - iii. The total amount of hours operated;
 - iv. The type and amount (tons) of material processed;
 - v. The equipment used; and
 - vi. The reason for exceeding the maximum amount of equipment at a location as specified in Special Condition No. C.2.
- f. All instances where the Turbo Chieftain 1400 Powerscreen or the 4242 SR Tracked Impactor with Sizing Screen was used to process fines. Records for these instances shall include:
 - i. Identification of the equipment used to process fines;
 - ii. The date(s) of operation;
 - iii. The total amount of hours operated;
 - iv. The type and amount (tons) of material processed;
 - v. The reason for using either of these units to process fines.
- g. All instances where the 275 TPH Trackpactor (Caterpillar 3306) diesel engine was operated with the 195 TPH Metro Trak (Caterpillar 3116TA) diesel engine without prior DOH approval for purposes of Special Condition No. C.4.d. Records for the combined operations without prior approval shall include:

- i. The equipment operated;
 - ii. The date(s) of operation;
 - iii. The location of operations;
 - iv. The total amount of hours operated; and
 - v. The reason for operating at the two diesel engines at the same location without prior DOH approval.
- h. Fuel purchase receipts, showing the fuel type, sulfur content (percent by weight), date of delivery, and amount (gallons) of fuel delivered to the site for the diesel engines. Fuel sulfur content may be demonstrated by providing the supplier's fuel specification sheet for the type of fuel purchased and received. Records on the total amount (gallons) of fuel fired in each diesel engine shall be maintained on an annual basis.
- i. Monthly and annual V.E. records with observation monitoring results of the crushing and screening plants and diesel engines' stack exhaust in accordance with the "**Visible Emissions Observation Form Requirements.**" Monthly V.E. records shall also identify the screening plant(s) that were not utilized in conjunction with a crushing plant for that month.
- j. Source performance test plans, summaries, and results for the portable crushing and screening plants.
- k. Equipment inspection, maintenance, and repair work. An inspection, maintenance and repair log shall be maintained for the equipment covered under this permit. Inspection of, and replacement of parts and repairs to the crushers, screens, conveyors, water spray system, and diesel engines, shall be well documented. At a minimum, the following records shall be maintained:
- i. The date of the inspection/maintenance/repair work;
 - ii. A description of the part(s) inspected or repaired;
 - iii. A description of the findings and any maintenance or repair work performed; and
 - iv. The name and title of the personnel performing inspection/work.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §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 Conditions Nos. 14, 16, 17, and 25, respectively:
 - a. *Anticipated date of initial start-up, actual date of construction commencement, and actual date of start-up;*

- 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 exceedences 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 in writing **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 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)

3. Performance Testing

- a. At least **thirty (30) days prior** to conducting a source performance test pursuant to Special Conditions, Section F, the permittee shall submit a written performance test plan to the Department of Health in accordance with Special Condition No. F.4.

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

- 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**, and shall be in conformance with Special condition No. F.6.

(Auth.: HAR §11-60.1-3, §11-60.1-90, §11-60.1-161; 40 CFR § 60.676)¹

4. Monitoring Report Forms

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 - June 30 and July 1 - December 31)**, be signed and dated by a responsible official, and shall include the following:

- a. Total operating hours of each crushing and screening plant on a monthly and 12-month rolling basis.

- b. Identification of the type of fuel fired in the diesel engines during the respective reporting period. Include the maximum sulfur content (% by weight) of the fuel.
- c. Identification of all instances where the 195 TPH crushing plant (Metro Trak) or 275 TPH crushing plant (Trakpactor) was used at the 611 Middle Street site (Pineridge Farms, Inc. Storage Yard) without prior DOH approval.
- d. Identification of all instances where the maximum amount of equipment at a location as specified in Special Condition No. C.2. was exceeded.
- e. Identification of all instances where the Turbo Chieftain 1400 Powerscreen or the 4242 SR Tracked Impactor with Sizing Screen was used to process fines.
- f. Identification of all instances where the 300 HP Caterpillar diesel engine (powering the 275 TPH Trakpactor crushing plant) was operated with the 160 HP diesel engine (powering the 195 TPH Metro Trak crushing plant) without prior DOH approval.
- g. Identification of all instances where a screening plant was used in conjunction with a crushing plant. If a screening plant was not utilized in conjunction with a crushing plant during the reporting period, this shall also be indicated in the report.
- h. Identification of any opacity exceedances as determined by the required V.E. monitoring of the portable crushing and screening plants and diesel engines. 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 for the diesel engines and portable crushing and screening plants.

The enclosed **Monitoring/Annual Emissions Report Form: "Operating Hours/Fuel Certification/Equipment Utilization"**, and **Monitoring Report Form: "Visible Emissions,"** shall be used.

(Auth.: HAR §11-60.1-3, §11-60.1-33, §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, *Attachment V: Compliance Certification* 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.

*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 or 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)

6. Annual Emissions

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 per year emitted of each regulated air pollutant, including any hazardous air pollutants. The reporting of annual emissions is due **within sixty (60) days following the end of each calendar year**. 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.

For the stone processing operations, the enclosed **Annual Emissions Report Form - "Portable Crushing and Screening Plants,"** shall be used. For the diesel engines, completion and submittal of the **Monitoring/Annual Emissions Report Form - "Operating Hours/Fuel Certification/Equipment Utilization"** shall satisfy the requirement of annual emissions reporting.

(Auth.: HAR §11-60.1-3, §11-60.1-90)

7. Stack Height Extension

- a. The Department of Health shall be notified, in writing, **within fifteen (15) days after initial startup**, of the completion of the stack height extensions of the Trakpactor (Caterpillar 3306) diesel engine from 3.35 meters to a minimum height of 16.5 feet (5.03 meters) and of the Metro Trak (Caterpillar 3116TA) diesel engine from 3.2 meters to a minimum height of 16.5 (5.03 meters) feet.

- b. The Department of Health shall be notified, in writing, **within fifteen (15) days after initial startup**, of the completion of the stack height extension of the 4242 SR Tracked Impactor with Sizing Screen (Caterpillar C-9 DITA) diesel engine from 12 feet (3.66 meters) to a minimum height of 15.5 feet (4.72 meters).

(Auth.: HAR §11-60.1-3, §11-60.1-90)

Section F. Testing Requirements

1. **Within sixty (60) days after achieving the maximum production rate of the crushing and screening plants but not later than one hundred eighty (180) days after initial start-up**, and **annually** thereafter, the permittee shall conduct or cause to be conducted performance tests on the portable crushing plants (includes crushing and screening plant), and screening plants (if utilized in conjunction with a crushing plant) to determine the opacity of emissions. For the screening plants, the sixty (60) and one hundred eighty (180) day periods shall start at the time a screening plant is first utilized in conjunction with a crushing plant. Annual source performance testing of a screening plant is not required for those years in which the screening plant is not utilized in conjunction with a crushing plant. Tests shall be conducted for each point subject to an opacity limit.

The Department of Health may require testing at other points in the facility or more frequent testing if an inspection indicates poor or insufficient controls.

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

2. a. The performance tests for the portable crushing and screening plants 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 additions identified in 40 CFR Part 60, Subpart OOO, §60.675(c); or U.S. EPA approved equivalent methods with written consent from the Department of Health. In addition, the observer shall comply with the following requirements:
- i. The minimum distance between the observed and the emission source shall be 4.57 meters (15 feet) but not more 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 plant at the time observations were made.

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

b. When determining compliance with the fugitive dust emissions standard specified in Special Condition No. C.3.c for the crushers, 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.

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

c. When determining compliance with the fugitive emissions standard specified in Special Condition No. C.3.d for the screens, and 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.

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

d. When determining compliance with the fugitive emissions standards of Special Conditions Nos. C.3.c and C.3.d, 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. Use for the combined emission stream 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.

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

3. 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 crushing and screening plants and diesel engines. 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

4. **At least thirty (30) days prior to conducting the performance test** for the portable crushing and screening plants, 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, locations of visible emissions readings, and other parameters that may affect the 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; 40 CFR 60.8, SIP §11-60.1-15)^{1,2}

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** for the portable crushing and screening plants, the permittee shall submit to the Department of Health the test report which shall include the operating conditions of the facility at the time of the test (e.g., operating rate in tons/hr, water meter pressure in psi and/or flow rate during the test in gal/min, etc.), locations of where the visible emissions were read, visible emission readings, location of water sprays, summarized test results, comparative results with the permit emission limits, 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 for the portable crushing and screening plants.

The normal operating water pressure (psi) and/or flow rate (gal/min) of the water 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; SIP §11-60-15)^{1,2}

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

(Auth.: HAR §11-60.1-3, §11-60.1-90)

8. Annually, the permittee shall identify, in the performance test plan or waiver request, the screening plant(s) that will not be tested because they are not subject to Special Condition No. B.1. The test plan or waiver request shall include: the make, model, size, and serial number of the screen(s), with a statement that the screen(s) was not utilized in conjunction with a crushing plant at any time during that year.

(Auth.: HAR §11-60.1-3, §11-60.1-90)

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 and fence lines; and
 - ii. Location of all structures within 325 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.
 - e. List of the equipment to be used at the site, description of the plant configuration, and identification of all screening plants to be used in conjunction with a crushing plant;
 - f. Area map showing the proposed new location of the portable stone processing plant;
 - g. Projected dates of operation at the new location and the maximum projected operating hours;
 - h. Identification of any other air pollution sources at the new location and any other air pollution sources owned or operated by the permittee which have operated at or adjacent to the new location within the last twelve (12) months. For sources that have operated at or adjacent to the new location within the last 12-months, provide the number of hours operated at that site within the last 12-months;
 - 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. 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)

Section H. Agency Notification

1. Any document (including reports) required to be submitted by this Temporary Covered Source Permit shall be done in accordance with Attachment I, Standard Condition 29.

(Auth.: HAR §11-60.1-4, §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.

**ATTACHMENT II - INSIG: SPECIAL CONDITIONS
TEMPORARY COVERED SOURCE PERMIT NO. 0507-01-CT
Insignificant Activities**

[Amended Date]

Expiration Date: April 24, 2007

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)

ATTACHMENT II - INSIG: SPECIAL CONDITIONS
TEMPORARY COVERED SOURCE PERMIT NO. 0507-01-CT
Insignificant Activities
(CONTINUED, PAGE 2 OF 2)

[Amended Date]

Expiration Date: April 24, 2007

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, Attachment V: Compliance Certification 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; and
- e. Any additional information as required by the Department of Health including information to determine compliance.

In lieu of addressing each emission unit as specified in Attachment V, 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.

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 or 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)

Section E. Agency Notification

Any document (including reports) required to be submitted by this Covered Source Permit shall be done in accordance with Attachment 1, Standard Condition No. 29.

(Auth.: HAR §11-60.1-4, §11-60.1-90)

**CHANGE OF LOCATION REQUEST
FOR A TEMPORARY SOURCE
TEMPORARY COVERED SOURCE PERMIT NO. 0507-01-CT**

[Amended Date]

Expiration Date: April 24, 2007

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 complete this Change of Location Request Form regarding all succeeding location changes and shall submit this form 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 and fence lines.
 - b. Location of all structures within 325 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.
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:

Noncovered Sources	Covered Sources
_____ \$ 50.00 for Non-Air Toxic	<u> X </u> \$100.00 for Non-Air Toxic
_____ \$100.00 for Air Toxic	_____ \$300.00 for Air Toxic
4. The permittee shall submit any additional information as requested by the Department of Health.
5. This notification form shall be mailed to the following address:

**CLEAN AIR BRANCH
ENVIRONMENTAL MANAGEMENT DIVISION
HAWAII DEPARTMENT OF HEALTH
P.O. Box 3378
Honolulu, HI 96801-3378**

(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.

**CHANGE OF LOCATION REQUEST
FOR A TEMPORARY SOURCE (CONTINUED)
TEMPORARY COVERED SOURCE PERMIT NO. 0507-01-CT**

[Amended Date]

Expiration Date: April 24, 2007

1. Company Name: _____
2. Facility Name (if different from the company): _____
3. Mailing Address: _____
City: _____ State: _____ Zip Code: _____
Phone Number: _____
4. Name of Owner/Owner's Agent: _____
Title: _____ Phone: _____
5. Equipment Description (Identify all equipment proposed at the new site, plant configuration, and *which screening plants, if any, are to be used in conjunction with a crushing plant*):

6. Current Equipment Location: _____
7. **New Equipment Location:** _____
 - a. Plant site manager or other contact, if different than Current contact:

 - b. Phone Number: _____
 - c. Proposed start date at *New Location*: _____
 - d. Estimated project duration: _____
8. Brief description of the work to be performed. Also identify other air pollution sources owned and operated by the permittee: 1) that are at the new location, and 2) which have operated at or adjacent to the new location within the last 12-months, if any. For sources that have operated at or adjacent to the new location within the last 12-months, provide the number of hours operated at that site within the last 12-months.

(Note: Operation of more than one diesel engine at a single location has not been evaluated and engine operations at the same location within a year may require the submittal of an ambient air quality analysis considering both sources prior to DOH approval.)

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 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. 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

**ANNUAL EMISSIONS REPORT FORM
PORTABLE CRUSHING AND SCREENING PLANTS
TEMPORARY COVERED SOURCE PERMIT NO. 0507-01-CT**

[Amended Date]

Expiration Date: April 24, 2007

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: _____

Facility Name: _____

Equipment Location: _____

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): _____

Equipment Description: _____

(Provide TPH, Rated-Capacity for Primary Crusher OR Crushing/Screening Rate of the Plant)

Serial/ID No.: _____

Type of Operation (Each plant includes their respective conveyors)	Maximum Tons/hour of Material Entering (Tons/hr)	Materials Processed: Type (soil, cinder, gravel, etc.) and Amount (Tons/yr)	Air Pollution Control Measures in Use	Control Efficiency (% Reduction)
Trakpactor Crushing Plant				
Metro Trak Crushing Plant				
Mk II Powerscreen Plant				
Turbo Chieftain 1400 Plant				
Mk III Powergrid Plant				
4242 SR Tracked Impactor w/Screen				
Truck Unloading	NA			
Truck Loading	NA			
Conveyor Transfer (other)				
Stockpiles	NA			

Note: Control measures include water sprays, housing and duct work to baghouses.

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

*Water sprays, or Shroud: 70% Subsequent transfer points of water sprayed material: 70-(5*n)%*

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

**MONITORING/ANNUAL EMISSIONS REPORT FORM
OPERATING HOURS/FUEL CERTIFICATION / EQUIPMENT UTILIZATION
TEMPORARY COVERED SOURCE PERMIT NO. 0507-01-CT
(PAGE 1 OF 9)**

[Amended Date] _____

Expiration Date: April 24, 2007

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 Additional Use) _____

For Period: _____ Date: _____

Company Name: _____

Facility Name: _____

Equipment Location: _____

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): _____

1. Operating Hours

- a. 275 TPH BL-Pegson Impact Crusher, model 428 Trakpactor, serial no. QM013057 with Caterpillar 300 HP diesel engine, model 3306, serial no. 64Z33001;

Month	Monthly Operating Hours	Total Operating Hours on a 12-Month Rolling Basis	Notes (i.e., start/end meter readings)
January			
February			
March			
April			
May			
June			
July			
August			
September			
October			
November			
December			

PROPOSED

**MONITORING/ANNUAL EMISSIONS REPORT FORM
OPERATING HOURS/FUEL CERTIFICATION/EQUIPMENT UTILIZATION
TEMPORARY COVERED SOURCE PERMIT NO. 0507-01-CT
(CONTINUED, PAGE 2 OF 9)**

[Amended Date]

Expiration Date: April 24, 2007

- b. 195 TPH BL-Pegson Jaw Crusher, model Metro Trak, serial no. QM10381 with Caterpillar 160 HP diesel engine, model 3116TA, serial no. 2MR01700;

Month	Monthly Operating Hours	Total Operating Hours on a 12-Month Rolling Basis	Notes (i.e., start/end meter readings)
January			
February			
March			
April			
May			
June			
July			
August			
September			
October			
November			
December			

- c. Powerscreen, model Mk II, serial no. 2813808;

Month	Monthly Operating Hours	Total Operating Hours on a 12-Month Rolling Basis	Notes (i.e., start/end meter readings)
January			
February			
March			
April			
May			
June			
July			
August			
September			
October			
November			
December			

**MONITORING / ANNUAL EMISSIONS REPORT FORM
OPERATING HOURS / FUEL CERTIFICATION / EQUIPMENT UTILIZATION
TEMPORARY COVERED SOURCE PERMIT NO. 0507-01-CT
(CONTINUED, PAGE 3 OF 9)**

[Amended Date]

Expiration Date: April 24, 2007

- d. 400 TPH BL-Pegson Tracked Impactor with Sizing Screen, model 4242 SR, serial no. QM017963 with Caterpillar 300 HP diesel engine, model C-9 DITA, serial no. CLJ03612;

Month	Monthly Operating Hours	Total Operating Hours on a 12-Month Rolling Basis	Notes (i.e., start/end meter readings)
January			
February			
March			
April			
May			
June			
July			
August			
September			
October			
November			
December			

- e. Powerscreen; Turbo Chieftain 1400, serial no. 6608038;

Month	Monthly Operating Hours	Total Operating Hours on a 12-Month Rolling Basis	Notes (i.e., start/end meter readings)
January			
February			
March			
April			
May			
June			
July			
August			
September			
October			
November			
December			

PROPOSED

**MONITORING/ANNUAL EMISSIONS REPORT FORM
OPERATING HOURS/FUEL CERTIFICATION/EQUIPMENT UTILIZATION
TEMPORARY COVERED SOURCE PERMIT NO. 0507-01-CT
(CONTINUED, PAGE 4 OF 9)**

[Amended Date]

Expiration Date: April 24, 2007

f. Powergrid Powerscreen, model Mk III, serial no. 7212816.

Month	Monthly Operating Hours	Total Operating Hours on a 12-Month Rolling Basis	Notes (i.e., start/end meter readings)
January			
February			
March			
April			
May			
June			
July			
August			
September			
October			
November			
December			

MONITORING/ANNUAL EMISSIONS REPORT FORM OPERATING HOURS/FUEL CERTIFICATION/EQUIPMENT UTILIZATION TEMPORARY COVERED SOURCE PERMIT NO. 0507-01-CT (CONTINUED, PAGE 5 OF 9)	
[Amended Date]	Expiration Date: <u>April 24, 2007</u>

2. Diesel Engines - Fuel Certification for the Reporting Period:

Report the type(s) of fuel and maximum percent sulfur by weight of the fuel fired in the diesel engines covered by this permit for the reporting period. Report the fuel usage in gallons per year of each type of fuel fired in the diesel engines for the 2nd semi-annual reporting period (calendar year).

Equipment Description	Type of Fuel Fired during Reporting Period	% Sulfur Content by Weight	Identify % Nitrogen, % Ash, & % Lead, if applicable	Fuel Usage, Gallons per Year (reported in 2 nd semi-annual reporting period- for the calendar year)
Caterpillar 300 HP diesel engine, Model 3306, Serial No. 64Z33001				
Caterpillar 160 HP diesel engine, Model 3116TA, Serial No. 2MR01700				
Caterpillar 300 HP diesel engine, Model C-9 DITA, Serial No. CLJ03612				

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

- Types of Fuel:
- Residual Oil: Specify Grade, No. 6, 5, or 4;
 - Distillate Oil (No. 2);
 - Liquefied Petroleum Gas, Butane or Propane;
 - If Other, specify.

3. Operations at Pineridge Farms Storage Yard (611 Middle Street):

Indicate in the table below, each time the 195 TPH Portable Crushing Plant (Metro Trak) or 275 TPH Crushing Plant (Trakpactor) was operated at the Pineridge Farms Storage Yard without prior written Department of Health approval.

Date(s) of Operation at the Pineridge Storage Yard		Total Hours Operated at the Pineridge Storage Yard	Type & Tons of Material Processed at the Pineridge Storage Yard	Specify Equipment Operated at the Pineridge Storage Yard	Reason for Operating at the Pineridge Storage Yard
From	To				

Please indicate in the table above if the portable crushing plants did not operate at the Pineridge Storage Yard or if DOH approval was obtained prior to operations.

- Note: Type of Material
- Soil
 - Cinder
 - Gravel
 - If other, specify

**MONITORING/ANNUAL EMISSIONS REPORT FORM
OPERATING HOURS/FUEL CERTIFICATION/EQUIPMENT UTILIZATION
TEMPORARY COVERED SOURCE PERMIT NO. 0507-01-CT
(CONTINUED, PAGE 6 OF 9)**

[Amended Date]

Expiration Date: April 24, 2007

4. Limiting Configurations

Pursuant to Special Condition No. C.2.,
“For each temporary stone processing plant location, the maximum amount of equipment shall be as follows:

- a. One (1) Mk III Powergrid Powerscreen and One (1) Mk II Powerscreen;
- b. One (1) Mk III Powergrid Powerscreen and One (1) crushing plant (Trakpactor or Metro Trak);
- c. One (1) Mk II Powerscreen, One (1) Turbo Chieftain 1400 Powerscreen, and Two (2) crushing plants (Trakpactor and Metro Trak); or
- d. 4242 SR Tracked Impactor with Sizing Screen.

Under no circumstances shall the Mk III Powergrid Powerscreen be operated at the same location as the Turbo Chieftain 1400 Powerscreen or the 4242 SR Tracked Impactor with Sizing Screen.

The permittee may also operate in configurations where less equipment than that specified above is used at a site (i.e., operation of each equipment individually at different sites or operation of one (1) crushing plant (Trakpactor or Metro Trak) and one (1) Mk II Powerscreen at a site.)”

Indicate in the table below, each time Special Condition No. C.2. was exceeded.

Date(s) of Operation when an exceedance occurred		Location of Operation during the exceedance	Total Hours Operated during the exceedance	Type & Tons of Material Processed during the exceedance	Specify Equipment Operated during the exceedance	Reason for Exceeding Special Condition No. C.2.
From	To					

Please indicate in the table above if there were no exceedances of Special Condition No. C. 2. during the reporting period.

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[Amended Date]

Expiration Date: April 24, 2007

5. Fines Screening

Indicate in the table below, each time the

- a) Turbo Chieftain 1400 Powerscreen or
- b) 4242 SR Tracked Impactor with Sizing Screen

was used to process fines.

Date(s) of Operation when Fines were Processed with a) or b) above		Total Hours Operated when Fines were Processed with a) or b) above	Type & Tons of Fines Material Processed with a) or b) above	Equipment Used to Process Fines	Reason for Processing Fines with a) or b) above
From	To				

Please indicate in the table above if the Turbo Chieftain 1400 Powerscreen and the Tracked Impactor with Sizing Screen were not used to process fines during the reporting period.

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[Amended Date]

Expiration Date: April 24, 2007

6. Combined Operations of the 300 HP and 160 HP Diesel Engines.

Indicate in the table below, each time the 300 HP Caterpillar diesel engine (powering the 275 TPH Trakpactor crushing plant) was operated with the 160 HP diesel engine (powering the 195 TPH Metro Trak crushing plant) without prior written Department of Health approval.

Date(s) of Combined Operations		Location of Combined Operations	Total Hours of Combined Operations	Specify Equipment Operated during the Combined Operations	Reason for the Combined Operations of the Diesel Engines (Exceeding Special Condition No. C.4.d.)
From	To				

Please indicate in the table above if the diesel engines did not operate at the same location or if DOH approval was obtained prior to combined operations.

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7. NSPS Applicability to Screening Plants.

Pursuant to Special Condition No. B.1 and B.2.,
Should any one of the screening plants be used in conjunction with a portable crushing plant, the screening plant(s) shall be subject to NSPS Subpart A and OOO.

The permittee shall comply with all of the applicable provisions of these standards, including all emission limits, notification, testing, monitoring and reporting requirements of these federal regulations.

For each time a screening plant operated in conjunction with a crushing plant, identify in the table below: the screening plant and crushing plant that operated in conjunction with each other; any other equipment operated with the crushing and screening plants; the date(s) of operation; and the location.

Screening Plant (Make, Model, Size, & Serial #)	Crushing Plant and Other Equipment Operated in Conjunction with Screening Plant	Date(s) of Operation		Location of Operation
		From	To	

For each screening plant, indicate in the table above if there were no operations involving the screening plant in conjunction with a crushing plant during the reporting period.

Note: Fill out for screening plants identified in Section A, Equipment Description only (i.e., Mk II Powerscreen, Turbo Chieftain 1400, and Mk III Powergrid). The screen contained as part of the 4242 SR Tracked Impactor with Sizing Screen unit always operates with its crusher and is not identified as a Screening Plant (see Section A, Equipment Description). As such, this screen is always subject to NSPS Subpart A and OOO.