

ADMINISTRATIVE RECORD

Pineridge Farms, Inc.

Application No. 0507-06 for Renewal and
No. 0507-07 for Minor Modification

500 TPH Screening Plant

Located At: Various Temporary Sites, State of Hawaii

Temporary CSP No. 0507-01-CT

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Public Notice

**REQUEST FOR PUBLIC COMMENTS
ON DRAFT AIR PERMIT
REGULATING THE EMISSIONS OF AIR POLLUTANTS**

(Docket No. 24-CA-PA-15)

Pursuant to Hawaii Revised Statutes (HRS), Chapter 342B-13 and Hawaii Administrative Rules (HAR), Chapter 11-60.1, the Department of Health, State of Hawaii (DOH), is requesting public comments on the following **DRAFT PERMIT** presently under review for:

Temporary Covered Source Permit (CSP) No. 0507-01-CT

Application No. 0507-06 for Renewal and No. 0507-07 for Minor Modification

Pineridge Farms, Inc.

500 TPH Screening Plant

Located At: Various Temporary Sites, State of Hawaii

Current Location: 87-1650 Paakea Road, Waianae, Island of Oahu

The **DRAFT PERMIT** is described as follows:

The issuance of Temporary CSP No. 0507-01-CT will grant conditional approval for the continued operation of a 500 TPH screening plant. Water suppression will be used as necessary to minimize fugitive emissions from stone processing operations. The screen has the potential to be operated with crushers that are subject to 40 Code of Federal Regulations (CFR), Subpart OOO, Standards of Performance for Nonmetallic Mineral Processing Plants. This permit, if issued, will supersede Temporary CSP No. 0507-01-CT issued on February 18, 2008, in its entirety.

The **ADMINISTRATIVE RECORD**, consisting of the **APPLICATION** and non-confidential supporting material from the applicant, the permit review summary, and the **DRAFT PERMIT**, is available for public inspection online at:

<http://health.hawaii.gov/cab/public-notices/> and during regular office hours, Monday through Friday, 7:45 a.m. to 4:15 p.m., at the following location:

State of Hawaii
Clean Air Branch
2827 Waimano Home Road, #130
Pearl City, Hawaii 96782

All comments on the draft permit and any request for a public hearing must be in writing, addressed to the Clean Air Branch at the above address and must be postmarked or received by **November 19, 2024**.

Any person may request a public hearing by submitting a written request that explains the party's interest and the reasons why a hearing is warranted. The DOH may hold a public hearing if a hearing would aid in DOH's decision. If a public hearing is warranted, a public notice for the hearing will be published at least thirty (30) days in advance of the hearing.

Interested persons may obtain copies of the administrative record or parts thereof at a copying cost of five (5) cents per page. Please send written requests to the Clean Air Branch listed above or call Mr. Evan Fujimoto at the Clean Air Branch at (808) 586-4200.

Comments on the draft permit should address, but need not be limited to, the permit conditions and the facility's compliance with federal and state air pollution laws, including: (1) the National and State Ambient Air Quality Standards; and (2) HRS, Chapter 342B and HAR, Chapter 11-60.1.

The DOH will make a final decision on the permit after considering all comments and will send notice of the final decision to each person who has submitted comments or requested such notice.

KENNETH S. FINK, MD, MGA, MPH
Director of Health

Draft Permit

DRAFT

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
(XXXX XXXX XXXX XXXX XXXX)

24-xxxE CAB
File No. 0507

DATE

Ms. Georgette Silva
President
Pineridge Farms, Inc.
855 Umi Street
Honolulu, Hawaii 96819

Dear Ms. Silva:

SUBJECT: Temporary Covered Source Permit (CSP) No. 0507-01-CT
Application No. 0507-06 for Renewal and No. 0507-07 for Minor Modification
Pineridge Farms, Inc.
500 TPH Screening Plant
Located At: Various Temporary Sites, State of Hawaii
Current Location: 87-1650 Paakea Road, Waianae, Island of Oahu
Date of Expiration: DATE

The subject temporary CSP is issued in accordance with Hawaii Administrative Rules (HAR), Title 11, Chapter 60.1. The issuance of this permit is based on the plans and specifications that you submitted as part of your renewal application received on February 17, 2012, and modification application received on February 24, 2016. A receipt for the application filing fee of \$500.00 was previously sent to you. This permit supersedes Temporary CSP No. 0507-01-CT, issued on February 18, 2008, in its entirety.

The temporary CSP is issued subject to the conditions/requirements set forth in the following attachments:

Attachment I: Standard Conditions
Attachment II: Special Conditions
Attachment III: Annual Fee Requirements
Attachment IV: Annual Emissions Reporting Requirements

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

Annual Emissions Report Form: Screening Plants
Compliance Certification Form
Change of Location Request for a Temporary Source
Monitoring Report Form: Opacity Exceedances

Ms. Georgette Silva
DATE
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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, Clean Air Branch (herein after referred to as Department) 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. Evan Fujimoto of the Clean Air Branch at (808) 586-4200.

Sincerely,

JOANNA L. SETO, P.E., CHIEF
Environmental Management Division

EF:tkg

Enclosures

**ATTACHMENT I: STANDARD CONDITIONS
TEMPORARY COVERED SOURCE PERMIT NO. 0507-01-CT**

Issuance Date: DATE

Expiration Date: DATE

This permit is granted in accordance with the 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, 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.

(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 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 temporary CSP. There shall be no deviation unless additional or revised plans are submitted to and approved by the Department, 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 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 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 copies of records required to be kept by the permittee. For information claimed to be confidential, the Director of Health (Director) may require the permittee to furnish such records not only to the Department 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 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:
- Identification of the specific equipment to be taken out of service, as well as its location and permit number;
 - The expected length of time that the air pollution control equipment will be out of service;
 - The nature and quantity of emissions of air pollutants likely to be emitted during the shutdown period;
 - Measures such as the use of off-shift labor and equipment that will be taken to minimize the length of the shutdown period; and
 - 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. **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 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:
- Identification of each affected emission point and each emission limit exceeded;
 - Magnitude of each excess emission;
 - Time and duration of each excess emission;
 - Identity of the process or control equipment causing the excess emission;
 - Cause and nature of each excess emission;
 - 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 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.

(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, 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 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 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 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:**

State of Hawaii
Clean Air Branch
2827 Waimano Home Road, #130
Pearl City, Hawaii 96782

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

Manager
Enforcement Division, Air Section
U.S. Environment Protection Agency, Region 9
75 Hawthorne Street, ENF-2-1
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.

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

Issuance Date: DATE

Expiration Date: DATE

In addition to the Standard Conditions of the temporary CSP, the following Special Conditions shall apply to the permitted facility:

Section A. Equipment Description

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

- a. 500 TPH Powerscreen 2-deck screen, Model No. Chieftain 1400, Serial No. 6612673;
- b. Various conveyors; and
- c. Water spray system.

(Auth.: HAR §11-60.1-3)

2. An identification tag or name plate shall be displayed on the equipment listed above to show model number, serial number, and manufacturer. The identification tag or name plate shall be permanently attached to the equipment at a conspicuous location.

(Auth.: HAR §11-60.1-5, §11-60.1-90)

Section B. Applicable Federal Regulations

1. The screening plant is subject to the provisions of the following federal regulations:

- a. 40 Code of Federal Regulations (CFR) Part 60, Standards of Performance for New Stationary Sources, Subpart A, General Provisions; and
- b. 40 CFR Part 60, Standards of Performance for New Stationary Sources, Subpart OOO, Standards of Performance for Nonmetallic Mineral Processing Plants.

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

2. The permittee shall comply with all 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. Fugitive Emission Limits

The permittee shall not cause to be discharged into the atmosphere from the 500 TPH screening plant, fugitive emissions which exhibit greater than ten (10) percent opacity from any transfer point on the belt conveyors, screening operation, or from any other affected facility.

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

2. Fugitive Dust

- a. 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 (VE) of fugitive dust beyond the lot line of the property boundary on which the emissions originate.
- b. The permittee shall take measures to control and minimize fugitive dust (e.g., wet suppression, enclosures, dust screens, etc.) at all material transfer points, stockpiles, plant roads, loading and unloading operations, and throughout the facility. The Department may at any time require the permittee to further abate fugitive dust emissions if an inspection indicates poor or insufficient control.
- c. Water spray systems shall be maintained and utilized, as necessary, during operation of the screening plant to ensure compliance with the fugitive emission limits. The Department at any time may require continuous operation of the water sprays and/or additional water sprays or manual water spraying at pertinent locations if an inspection indicates that more fugitive dust control is needed.
- d. The screening plant shall not be operated if observation, or the routine inspection required in Attachment II, Special Condition No. D.3.b, indicates a significant drop in water flow rate and/or water pressure, plugged nozzle(s), leak in the piping system, or other problems which affect the efficiency of the water spray systems. 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 during the performance test conducted pursuant to Attachment II, Section F, and may be incorporated into the permit.
- e. The water spray system shall be properly maintained and kept in good operating condition at all times with scheduled inspections and maintenance as needed to ensure compliance with the fugitive emission limits.
- f. Water sprays and/or a water truck shall be maintained and utilized, as necessary, to minimize fugitive dust from plant operations (e.g., haul roads, stockpiles, material transfer points, etc.).

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-33, §11-60.1-90)

3. Maintenance

The screening plants shall be properly maintained and kept in good operating condition at all times with scheduled inspections and maintenance as recommended by the manufacturer, and as needed.

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

4. Location Change

- a. The operation of the equipment covered by this temporary CSP shall involve at least one (1) location change during the term of this permit. Moving within a single property is not considered a location change.
- b. Location changes of the equipment shall be in accordance with Attachment II, Section G. For each change in location, the Department 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, §11-60.1-81, §11-60.1-91)

Section D. Monitoring and Recordkeeping Requirements

1. Records

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 true, accurate, and maintained in a permanent form suitable for inspection and made available to the Department or its representative(s) upon request.

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

2. Production

The permittee shall maintain records on the total tons of material processed by the screening plants for purposes of annual emissions reporting.

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

3. Water Spray System

- a. A water pressure gauge and/or flow meter shall be installed, operated, and maintained to measure the pressure and/or flow rate of the water spray systems in psi and/or gallons per minute (gal/min).

- b. The water spray systems, to include the water pump, piping system, spray nozzles, and any gauges (i.e., water pressure, water flow meter, etc.) shall be inspected routinely at least once per month to ensure proper operation of the water spray systems. Inspections of the water spray system shall be recorded in the Inspection, Maintenance, and Repair Log of Attachment II, Special Condition No. D.4.

(Auth.: HAR §11-60.1-3, §11-60.1-5, §11-60.1-90, §11-60.1-161; 40 CFR §11-60.674)¹

4. Inspection, Maintenance, and Repair Log

An inspection, maintenance, and repair log shall be maintained for the equipment covered under this permit. Inspection and replacement of parts and repairs shall be well documented. At a minimum, the following records shall be maintained:

- a. The date of the inspection/maintenance/repair work;
- b. A description of the part(s) inspected or repaired;
- c. A description of the findings and any maintenance or repair work performed; and
- d. The name and title of the personnel performing the inspection/work.

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

5. Performance Test

Performance tests shall be conducted on the plant pursuant to Attachment II, Section F. Test plans, 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)

6. Visible Emissions

Except in those months when performance tests are conducted for fugitive emissions pursuant to Attachment II, Section F, the permittee shall conduct **monthly** (calendar month), VE observations for the screening plant by a certified reader in accordance with 40 CFR Part 60, Appendix A, Method 9, or U.S. EPA approved equivalent methods, or alternative methods with prior written approval from the Department and U.S. EPA. For each month, two (2) consecutive six (6) minute observations shall be taken at fifteen (15) second intervals for each emission point subject to an opacity limit. Records shall be completed and maintained in accordance with the *Visible Emissions Form Requirements*. For the VE observations of fugitive emissions, the observer shall comply with the following additional requirements:

- a. The minimum distance between the observer and the emission source shall be 4.57 meters (fifteen (15) feet), but not greater than 402 meters (0.25 miles);

- b. The observer shall, when possible, select a position that minimizes interference from other VE sources. The required observer position relative to the sun (Method 9; Section 2.1) shall be followed; and
- c. The observer shall record the operating capacity (ton/hr) of the plant at the time the observations were made.

The Department may allow observation of a portion of the total fugitive emission points subject to opacity limits, if it can be demonstrated that operations have been in compliance with the permit. At a minimum, at least three (3) fugitive emission points shall be observed each month. The selected points shall include the primary screen, and a transfer point as applicable, or those points as specified by the Department. Allowance to observe a portion of the total required fugitive emission points shall be obtained in writing from the Department.

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

Section E. Notification and Reporting Requirements

1. Standard Conditions Reporting

Notification and reporting pertaining to the following events shall be done in accordance with Attachment I, Standard Condition Nos. 14, 16, 17, and 24, 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; 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. Deviations

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

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

3. Annual Emissions Reports

As required by Attachment IV, Annual Emissions Reporting Requirements, 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 hazardous air pollutants. The reporting of annual emissions is due within **sixty (60) days** following the end of each calendar year. The following enclosed form shall be used for reporting:

Annual Emissions Report Form: Screening Plants

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

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

4. Monitoring Reports

The permittee shall submit **semi-annually** the following reports to the Department. 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), and shall be signed and dated by a responsible official. The following enclosed form shall be used for reporting:

Monitoring Report Form: Opacity Exceedances

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

5. Performance Testing

- a. At least **thirty (30) days** prior to conducting a source performance test pursuant to Attachment II, Section F, the permittee shall submit a performance test plan in accordance with Attachment II, Special Condition No. F.4.
- b. Within **sixty (60) days** after completion of a source performance test, the permittee shall submit a test report in accordance with Attachment II, Special Condition No. F.6.

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

6. Compliance Certification

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

- 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 exceedances as defined in 40 CFR Part 64 occurred; and
- g. Any additional information as required by the Department, 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 determines that reasonable justification exists for the extension.

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

Section F. Testing Requirements

1. Annual Performance Testing

- a. The permittee shall conduct or cause to be conducted an annual performance test on the 500 TPH screening plant to determine the opacity of emissions. Tests shall be conducted for each point subject to the opacity limits specified in Attachment II, Special Condition No. C.1.
- b. The performance test shall be conducted at the maximum expected operating capacity of the screening plant.
- c. The Department 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 §60.8, §60.675; SIP §11-60-15)^{1,2}

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 (fifteen (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 screening plant at the time the observations were made.
- b. When determining compliance with the fugitive emissions standard of Attachment II, Special Condition No. C.1, 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 Attachment II, Special Condition No. C.1, 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 Attachment II, Special Condition No. C.1, 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 Attachment II, Special Condition No. C.1, a single visible emission observer may conduct VE observations for up to three (3) fugitive, stack, or vent emission points within a fifteen (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, the permittee shall submit a notice to the Department 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; 40 CFR §60.675)¹

3. Performance Test Expense and Monitoring

The performance tests shall be made at the expense of the permittee. All performance tests may be monitored by the Department.

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

4. Performance Test Plan

At least **thirty (30) days** prior to conducting a performance test, the permittee shall submit a written performance test plan to the Department and U.S. EPA, Region 9, 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 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 §11-60-15)^{1,2}

5. Deviations

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 before the tests.

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

6. Performance Test Report

Within **sixty (60) days** after completion of a performance test, the permittee shall submit to the Department and U.S. EPA, Region 9, the test report which shall include the operating conditions of the equipment at the time of the test (e.g., operating rate in tons/hr, water meter flow rate in gal/min, etc.), locations where the VE were read, VE 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.

(Auth.: HAR §11-60.1-3, §11-60.1-11, §11-60.1-90; 40 CFR §60.8, §60.675; SIP §11-60-15)^{1,2}

7. Performance Test Waiver

Upon written request and justification, the Department 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 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)

Section G. Change of Location Requirements

1. For all location changes, the permittee shall submit the enclosed **Change of Location Request for a Temporary Source** form to the Department for approval **at least thirty (30) days prior to the change in location**, or such lesser time as designated and approved by the Department.
2. With each change of location request, the permittee shall submit to the Department:
 - a. A map of the proposed new temporary location showing the property boundary, fence lines, location of the equipment on the property, and the location of any other air pollution sources owned and operated by the permittee at the new location; and
 - b. An area map showing the proposed new temporary location.
3. The applicable filing fee shall be submitted to the Department with each change in location request and made payable to the **Clean Air Special Fund-COV**.
4. The permittee shall submit any additional information as requested by the Department.
5. Prior to any relocation, the Department shall approve, conditionally approve, or deny in writing each location change. If the Department denies a location change, the applicant may appeal the decision pursuant to HRS, Chapter 91.
6. 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.
7. At each of the authorized locations, the permittee shall operate in accordance with this temporary covered source permit and all applicable requirements.

Section H. Agency Notification

Any document (including reports) required to be submitted by this temporary CSP 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 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 III: ANNUAL FEE REQUIREMENTS
TEMPORARY COVERED SOURCE PERMIT NO. 0507-01-CT**

Issuance Date: DATE

Expiration Date: DATE

The following requirements for the submittal of annual fees are established pursuant to 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 **120 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 HAR, 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.
4. The annual fees and the emission data shall be mailed to:

**State of Hawaii
Clean Air Branch
2827 Waimano Home Road, #130
Pearl City, Hawaii 96782**

**ATTACHMENT IV: ANNUAL EMISSIONS REPORTING REQUIREMENTS
TEMPORARY COVERED SOURCE PERMIT NO. 0507-01-CT**

Issuance Date: DATE

Expiration Date: DATE

In accordance with the HAR, 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: Screening Plants

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

**State of Hawaii
Clean Air Branch
2827 Waimano Home Road, #130
Pearl City, Hawaii 96782**

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 upon request.
4. Any information submitted to the Department 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.

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

Issuance Date: DATE

Expiration Date: 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: _____

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): _____

Report the tons of materials processed and air pollution control measures in use for the calendar year:

Type of Operation	Tons of Materials Processed	Air Pollution Control Measures in Use	Control Efficiency (% Reduction)
Truck Unloading			
500 TPH Screen			
Conveyor Transfer			
Truck Loading			
Stockpiles			

Note: Control measures include water sprays, housing and duct work to baghouses.
 Use the following Control Efficiencies, unless documentation is available to show otherwise:
Baghouses: 99%
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.

**COMPLIANCE CERTIFICATION FORM
TEMPORARY COVERED SOURCE PERMIT NO. 0507-01-CT
(PAGE 1 OF ___)**

Issuance Date: DATE

Expiration Date: DATE

In accordance with the Hawaii Administrative Rules (HAR), 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 HAR, Title 11, Chapter 60.1, Air Pollution Control, and any permit issued thereof.

**COMPLIANCE CERTIFICATION FORM
 TEMPORARY COVERED SOURCE PERMIT NO. 0507-01-CT
 (CONTINUED, PAGE 2 OF ___)**

Issuance Date: DATE

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

COMPLIANCE CERTIFICATION FORM
TEMPORARY COVERED SOURCE PERMIT NO. 0507-01-CT
(CONTINUED, PAGE ___ OF ___)

Issuance Date: DATE

Expiration Date: DATE

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

**COMPLIANCE CERTIFICATION FORM
 TEMPORARY COVERED SOURCE PERMIT NO. 0507-01-CT
 (CONTINUED, PAGE ___ OF ___)**

Issuance Date: DATE

Expiration Date: DATE

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:	
		Beginning: Ending:	
		Beginning: Ending:	
		Beginning: Ending:	
		Beginning: Ending:	
		Beginning: Ending:	
		Beginning: Ending:	
		Beginning: Ending:	

(Make Additional Copies if Needed)

**CHANGE OF LOCATION REQUEST
FOR A TEMPORARY SOURCE
TEMPORARY COVERED SOURCE PERMIT NO. 0507-01-CT
(PAGE 1 OF 3)**

Issuance Date: DATE

Expiration Date: 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. For all location changes, the permittee shall complete and submit this change of location request form to the Department of Health for approval **at least thirty (30) days prior to the change of location**, or such lesser time as designated and approved by the Department of Health.
2. With each change of location request, the permittee shall submit to the Department:
 - a. A map of the proposed new temporary location showing the property boundary, fence lines, location of the equipment on the property, and the location of any other air pollution sources owned and operated by the permittee at the new location; and
 - b. An area map showing the proposed new temporary location.
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. The permittee shall submit any additional information as requested by the Department of Health.
5. This **Change of Location Request for a Temporary Source** form shall be mailed to the following address:

**State of Hawaii
Clean Air Branch
2827 Waimano Home Road, #130
Pearl City, Hawaii 96782**

-
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 Hawaii Revised Statutes, Chapter 91.
 2. 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.
 3. At each new authorized location, the permittee shall operate in accordance with the current temporary covered source permit (CSP) and all applicable requirements.

**CHANGE OF LOCATION REQUEST
FOR A TEMPORARY SOURCE
TEMPORARY COVERED SOURCE PERMIT NO. 0507-01-CT
(CONTINUED, PAGE 2 OF 3)**

Issuance Date: DATE

Expiration Date: 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: _____
or, UTM Coordinates: _____
Horizontal Datum: _____
 - d. Plant manager/contact: _____ Phone: _____
 - e. Proposed start date at new location: _____
 - f. Estimated project duration at new location: _____
 - g. Identify other air pollution sources owned and operated by the permittee at the new location, if any: _____

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

**CHANGE OF LOCATION REQUEST
FOR A TEMPORARY SOURCE
TEMPORARY COVERED SOURCE PERMIT NO. 0507-01-CT
(CONTINUED, PAGE 3 OF 3)**

Issuance Date: DATE

Expiration Date: DATE

- i. 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 CSP at this new location.

Responsible Official (Print): _____ Date: _____

Title: _____

Responsible Official (Signature): _____

**VISIBLE EMISSIONS FORM REQUIREMENTS
STATE OF HAWAII
TEMPORARY COVERED SOURCE PERMIT NO. 0507-01-CT**

Issuance Date: DATE

Expiration Date: DATE

The ***Visible Emissions Form*** shall be completed **monthly** (*each calendar month*) for each equipment subject to opacity limits by a certified reader in accordance with 40 CFR Part 60, Appendix A, Method 9, or U.S. EPA approved equivalent methods, or alternative methods with prior written approval from the Department of Health and U.S. EPA. 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 screening plants, stand at least 4.57 meters (fifteen (15) feet) from the VE source, but not more than a quarter mile from the VE 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.

**VISIBLE EMISSIONS FORM
 TEMPORARY COVERED SOURCE PERMIT NO. 0507-01-CT**

Issuance Date: DATE

Expiration Date: DATE

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

Company Name: _____

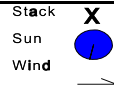
For stacks, describe equipment and fuel: _____

For fugitive emissions from crushers, describe:

Fugitive emission point: _____

Plant Production (tons/hr): _____

(During observation)



Draw North Arrow



X Emission Point

Observers Position

140

Sun Location Line

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: _____

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

Observation Date and Start Time: _____

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

Draft Review Summary

DRAFT

PERMIT APPLICATION REVIEW
TEMPORARY COVERED SOURCE PERMIT (CSP) No. 0507-01-CT

Application No.: Application No. 0507-06 for Renewal and No. 0507-07 for Minor Modification

Organization: Pineridge Farms, Inc.

Facility: 500 TPH Screening Plant

Mailing Address: 855 Umi Street
Honolulu, Hawaii 96819

Location: Various Temporary Sites, State of Hawaii

Initial Location: Base Yard: 87-1650 Paakea Road, Waianae, Island of Oahu

SIC Code: 1429 (Crushed and Broken Stone)

Responsible Official: Ms. Georgette Silva
President
(808) 847-6746

Equipment:

Equipment	Make and Model No.	Serial No.
<i>Existing:</i> 500 TPH Powerscreen 2-deck screen Note: The Deutz, 109 HP diesel engine is exempt because it propels the tracks of the 500 TPH Screen. (HAR §11-60.1-82(d)(4))	Chieftain 1400 Manuf. 2000	6612673
Various conveyors		
Water spray system		

Background:

On February 17, 2012, Pineridge Farms, Inc. submitted an application for permit renewal with minor modification No. 0507-06, requesting the removal of the 195 TPH BL-Pegson jaw crusher powered by a 160 hp Caterpillar diesel engine and 200 TPH Powerscreen from the permit, as the equipment were sold. On February 24, 2016, the applicant submitted an application for minor modification No. 0507-07 requesting to remove the 400 TPH BL-Pegson impactor powered by a 300 hp Caterpillar diesel engine from the permit, as the equipment was also sold.

In summary, Pineridge Farms, Inc. will operate an existing 500 TPH screen (on tracks) powered by an exempt 109 hp Deutz diesel engine. Operations at the facility consist of raw material, primarily consisting of dirt, basalt rock, and concrete rubble, being loaded into the feeder of the screen by a front-end loader or excavator. The 500 TPH screen may operate in conjunction with a crushing plant or independently depending on job demand.

Since the screening plant is the only equipment remaining in the permit, the facility can be regulated under a noncovered source permit rather than a CSP. The permittee has instead requested that the equipment remain as a CSP, separate from the other CSPs held by the permittee. The permittee plans to operate the screener with the crushing equipment in the permittees other CSPs, which would make the screener subject to 40 CFR Part 60, Subpart OOO.

Operation of the screener with other covered source crushing equipment is acceptable because it does not have the potential to trigger a major source since emissions from the screening operation are fugitive and are not considered “reasonably” capturable. Further, the screening operation is not a listed source category and fugitive emissions are not included in the evaluation of major stationary source.

Air Pollution Control:

The 500 TPH Powerscreen does not have a built-in water spray system, however the material will be sprayed prior to screening. Water sprays from a water truck will also be used to control fugitive dust from storage piles, access roads, and facility grounds.

Applicable Requirements:

Hawaii Administrative Rules (HAR)

Title 11 Chapter 59, Ambient Air Quality Standards

Title 11 Chapter 60.1, Air Pollution Control

Subchapter 1, General Requirements

Subchapter 2, General Prohibitions

11-60.1-31, Applicability

11-60.1-32, Visible Emissions

11-60.1-33, Fugitive Dust

Subchapter 5, Covered Sources

Subchapter 6, Fees for Covered Sources, Noncovered Sources, and Agricultural Burning

11-60.1-111, Definitions

11-60.1-112, General Fee Provisions for Covered Sources

11-60.1-113, Application Fees for Covered Sources

11-60.1-114, Annual Fees for Covered Sources

11-60.1-115, Basis of Annual Fees for Covered Sources

Subchapter 8, Standards of Performance for Stationary Sources

11-60.1-161, New Source Performance Standards

Subchapter 10, Field Citations

New Source Performance Standards (NSPS)/National Emission Standards for Hazardous Air Pollutants (NESHAP)

This source is subject to 40 Code of Federal Regulations (CFR) Part 60, NSPS, Subpart OOO – Standards of Performance for Non-Metallic Mineral Processing Plants, because the screen will be operated with a crushing plant that is subject to covered source permitting. The screen has a manufacture date of 2000 (after August 31, 1983).

This source is not subject to 40 CFR Part 60, Subpart IIII – Standards of Performance for Stationary Compression Ignition Internal Combustion Engines, because the engine on the screening plant propels the tracks of the equipment and is considered a nonroad engine as defined in 40 CFR §1068.30. Subpart IIII applies to stationary internal combustion engines that are not nonroad engines.

This source is not subject to 40 CFR Part 61, NESHAP. There are no standards in 40 CFR Part 61 applicable to this facility.

This source is not subject to 40 CFR Part 63, Subpart ZZZZ – National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (RICE), because the engine propels the tracks of the screener and is considered a nonroad engine as defined in 40 CFR §1068.30. Subpart ZZZZ applies to stationary internal combustion engines that are not nonroad engines.

Prevention of Significant Deterioration (PSD)

This source is not subject to PSD requirements because it is not a major stationary source as defined in 40 CFR §52.21 and HAR, Title 11, Chapter 60.1, Subchapter 7.

Compliance Assurance Monitoring (CAM)

This source is not subject to CAM because the facility is not a major source.

The purpose of CAM is to provide a reasonable assurance that compliance is being achieved with large emissions units that rely on air pollution control device equipment to meet an emissions limit or standard. Pursuant to 40 CFR Part 64, for CAM to be applicable, the emissions unit must:

- (1) Be located at a major source;
- (2) Be subject to an emissions limit or standard;
- (3) Use a control device to achieve compliance;
- (4) Have potential pre-control emissions that are one hundred (100) percent of the major source level; and
- (5) Not otherwise be exempt from CAM.

Air Emissions Reporting Requirements (AERR)

This source is not subject to AERR, 40 CFR Part 51, Subpart A.

Emissions from the screening plant are all fugitive, non-capturable emissions. Additionally, screening operations do not belong to one of the categories of sources listed in the definition of “major source”/“major stationary source” such that, if it were listed, would require fugitive emissions to be included in the “major source”/“major stationary source” determination; as a result the source is considered a nonpoint emissions source. Emissions from nonpoint emissions sources are included in Environmental Protection Agency’s (EPA’s) Emissions Inventory System nonpoint data category. For these reasons, emissions from the screen are not included in the determination of whether this stationary source is subject to AERR.

The diesel engine on the screening plant is a nonroad mobile source. Emissions from nonroad mobile sources are either reported using the latest EPA developed mobile emissions models or by the state accepting existing EPA emission estimates. For this reason, emissions from the diesel engine are not included in the determination of whether this stationary source is subject to AERR.

CAB In-House Annual Emissions Reporting

The facility is subject to in-house annual emissions reporting because this facility holds a temporary CSP.

CAB in-house annual emissions reporting is required for: 1) all facilities holding a temporary CSP; and 2) noncovered source facilities with a potential to emit, based on permit limits, equal to or above the CAB in-house annual emissions reporting trigger levels.

Best Available Control Technology (BACT)

This source is not subject to a BACT analysis.

A BACT analysis is required for new sources and significant modifications to sources that have the potential to emit or increase emissions above significant levels, as defined in HAR §11-60.1-1, considering any limitations.

Although not subject to a BACT analysis, emission controls required by the permit include the use of wet suppression, water hoses, water truck, etc., to minimize fugitive dust emissions from facility operations.

Insignificant Activities/Exemptions:

109 hp Deutz Diesel Engine

The 109 hp diesel engine powering the screen is exempt in accordance with HAR §11-60.1-82(d)(4) because the engine is used to propel the screen.

Alternate Operating Scenarios:

None.

Project Emissions:

Emissions are conservatively based on the facility operating 8,760 hours per year.

500 TPH Screening Plant

The maximum capacity of the screen is 500 TPH based on manufacturer’s data submitted by the applicant. Fines screening emission factors from AP-42, Table 11.19.2-2 Emission Factors for Crushed Stone Processing Operations (8/04) were conservatively used to represent screening of dirt, basalt rock, and concrete rubble. There are no fines screening emission factors for PM_{2.5}, therefore PM_{2.5} is assumed to be approximately fifteen (15) percent of particulate emissions are assumed to be PM_{2.5}, per AP-42 Appendix B.2 (1/95). For truck loading and unloading emission factors, approximately fifty-one (51) percent of particulate emissions are assumed to be PM₁₀ and approximately fifteen (15) percent of particulate emissions are assumed to be PM_{2.5}, per AP-42 Appendix B.2 (1/95).

500 TPH Screening Plant	
Pollutant	Emissions (TPY) (8,760 hr/yr)
PM	201.19
PM ₁₀	48.83
PM _{2.5}	30.18

Note: Fugitive emissions from the screen are not considered capturable.

Storage Piles

Storage pile emissions were calculated for the screening plant operating at maximum capacity for 8,760 hr/yr. Emissions from storage piles are based on emission factors from AP-42 Section 13.2.4 – Aggregate handling and Storage Piles. Water suppression provides seventy (70) percent control efficiency.

Storage Piles	
Pollutant	Emissions (TPY) (8,760 hr/yr)
PM	18.63
PM ₁₀	8.81
PM _{2.5}	1.33

Vehicle Travel on Unpaved Roads

The maximum capacity of the screening plant was used to calculate emissions. Emissions were based on emission factors from AP-42 Section 13.2.2 (11/06) – Unpaved Roads. A seventy (70) percent control efficiency was assumed for water suppression to control fugitive dust.

Vehicle Travel on Unpaved Roads	
Pollutant	Emissions (TPY) (8,760 hr/yr)
PM	34.27
PM ₁₀	8.36
PM _{2.5}	0.86

Total Emissions

A summary of the facility's maximum potential emissions are shown in the table below:

Total Emissions (8,760 hr/yr) (TPY)				
Pollutant	500 TPH Screen	Storage Piles	Unpaved Roads	Total Facility
PM	201.19	18.63	34.27	254.10
PM ₁₀	48.83	8.81	8.36	66.00
PM _{2.5}	30.18	1.33	0.86	32.38

Synthetic Minor Source:

A synthetic minor source means a source that otherwise has the potential to emit regulated New Source Review pollutants in the amounts at or above the thresholds for major sources but has taken restrictions, so that its potential to emit is less than such amounts for major sources.

Emissions from the screening operation are fugitive and are not considered "reasonably" capturable. Further, the screening operation is not a listed source category and fugitive emissions are not included in the evaluation of major stationary source.

Ambient Air Quality Assessment:

An ambient air quality assessment is not required for this facility.

The diesel engine on the screening plant is considered a nonroad mobile source and is not subject to an air quality modeling assessment. The only other emissions from the source are fugitive emissions that are not generally modeled by the Clean Air Branch.

Deleted Permit Conditions:

C.1. Operating Hour Restrictions

Maximum operating hours for each equipment shall be as follows:

Equipment	Maximum Operating Hours, 12-month Rolling Basis
One (1) Chieftain 1400	1,560
MK II Powerscreen	2,080
Metro Trak	2,080
4242 SR Impactor	2,080

Reason: The Metro Trak crusher, Impactor, and MK II Powerscreen were removed from the permit. The diesel engine on the Chieftain 1400 screen is a nonroad engine as defined in 40 CFR §1068.30 and is exempt since the engine propels the tracks of the screener. Additionally, emissions from the screening operation are fugitive and are not considered “reasonably” capturable. Further, the screening operation is not a listed source category and fugitive emissions are not included in the evaluation of major stationary source.

C.2. Crushing and Screening Operations

- a. The total operating hours of each portable crushing and screening plant, including the diesel engines, shall not exceed the maximum operating hours in any rolling twelve (12) month period, as specified in Special Condition C.1. The permittee shall not operate the crushing and screening plants unless its respective non-resetting hour meter is recording its hours of operation.
- d. 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.

Reason: The Metro Trak crusher, Impactor, and MK II Powerscreen were removed from the permit. The diesel engine on the Chieftain 1400 screen is a nonroad engine as defined in 40 CFR §1068.30 and is exempt since the engine propels the tracks of the screener. Additionally, emissions from the screening operation are fugitive and are not considered “reasonably” capturable. Further, the screening operation is not a listed source category and fugitive emissions are not included in the evaluation of major stationary source.

C.3. 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.

- b. The exhaust stack servicing the 195 TPH Metro Trak (Caterpillar 3116TA) diesel engines shall be constructed to a minimum height of 16.5 feet (5.03 m) above ground elevation.
- 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.
- d. The permittee shall not operate the 400 TPH Tracked Impactor (Caterpillar C-9 DITA) 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.
- 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.

Reason: The Metro Trak crusher, Impactor, and MK II Powerscreen were removed from the permit. The diesel engine on the Chieftain 1400 screen is a nonroad engine as defined in 40 CFR §1068.30, and is exempt since the engine propels the tracks of the screener.

Significant Permit Conditions:

1. Fugitive Emission Limits

- a. The permittee shall not cause to be discharged into the atmosphere from the following plants, fugitive emissions which exhibit greater than ten (10) percent opacity from any transfer point on the belt conveyors, screening operation, or from any other affected facility.

Reason: 40 CFR Part 60, Subpart OOO, provisions. The screener was manufactured in the Year 2000 and is subject to emission factors for screeners that were manufactured after August 31, 1983, but before April 22, 2008.

Conclusion and Recommendations:

Potential emissions were conservatively based on operation of the equipment at maximum capacity for 8,760 hr/yr. Actual operating hours and emissions should be less than those calculated. The equipment, if operated in accordance with the permit, shows compliance with air regulations. Recommend issuance of the temporary CSP subject to the incorporation of the significant permit conditions, thirty (30) day public comment period, and forty-five (45) day EPA review period.

Evan Fujimoto
September 26, 2024

**Application
and
Supporting Information**

HAND DELIVERED *M*
FEB 17 2012

PINERIDGE FARMS, INC.

855 Umi Street, Honolulu, HI 96819 Phone: (808) 847-6746 Fax: (808) 842-3470

0507-06
0507CT
renewal 2012

NH February 2, 2012

Mr. Wilfred K. Nagamine, Manager
Clean Air Branch
Department of Health
P.O. Box 3378
Honolulu, HI 96801

Subject: Permit Renewal – Permit No. 0507-01-CT
Temporary Covered Source Permit for Portable Stone Processing Plant
Pineridge Farms, Inc.
855 Umi Street, Honolulu, Hawaii

Dear Mr. Nagamine,

Attached please find the temporary covered source clean air permit renewal for our Portable Stone Processing Plant.

I certify that based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

Should you have any questions, please do not hesitate to contact me at 847-6746.

Sincerely,



Georgette Silva, President
Pineridge Farms, Inc.

Attachments

Form S-1
Form S-3
Form C-1
Form C-2
Equipment Specs
2010 Emission Calculations

MN18437

0507-06
CT

File/Application No.: 0507-06

S-1: Standard Air Pollution Control Permit Application Form
(Covered Source Permit and Noncovered Source Permit)

State of Hawaii
Department of Health
Environmental Management Division
Clean Air Branch
P.O. Box 3378 • Honolulu, HI 96801-3378 • Phone: (808) 586-4200

- 1. Company Name: Pineridge Farms, Inc
- 2. Facility Name (if different from the Company): Portable Crushers and Screens
- 3. Mailing Address: 855 Umi Street
City: Honolulu State: HI Zip Code: 96819
Phone Number: 847-6746
- 4. Name of Owner/Owner's Agent: Georgette Silva
Title: President Phone: 847-6746
Mailing Address: 855 Umi Street
City: Honolulu State: HI Zip Code: 96819
- 5. Plant Site Manager/Other Contact: Joaquin Silva
Title: Vice President Phone: 306-5646
Mailing Address: 855 Umi Street
City: Honolulu State: HI Zip Code: 96819
- 6. Permit Application Basis: (Check One.)
 Initial Permit for a New Source Initial Permit for an Existing Source
 Renewal of Existing Permit General Permit
 Temporary Source Transfer of Permit
 Modification to a Covered Source: → Is Modification? Significant Minor Uncertain
 Modification to a Noncovered Source
- 7. If renewal or modification, include existing permit number: 0507-01-CT
- 8. Does the Proposed Source require a County Special Management Area Permit? Yes No
- 9. Type of Source (Check One): Covered Source Covered and PSD Source
 Noncovered Source Uncertain
- 10. Standard Industrial Classification Code (SICC), if known: 1442

WD18427

11. Proposed Equipment/Plant Location (e.g. street address): Move from place to place
 City: _____ State: HI Zip Code: _____
 UTM Coordinates (meters): East: _____ North: _____
12. General Nature of Business: Construction Material Recycling
13. Date of Planned Commencement of Construction or Modification: N/A
14. Is *any* of the equipment to be leased to another individual or entity? Yes No
15. Type of Organization: Corporation Individual Owner Partnership
 Government Agency (Government Facility Code: _____)
 Other: _____

Any applicant for a permit who fails to submit any relevant facts or who has submitted incorrect information in any permit application shall, upon becoming aware of such failure or incorrect submittal, promptly submit such supplementary facts or corrected information. In addition, an applicant shall provide additional information as necessary to address any requirements that become applicable to the source after the date it filed a complete application, but prior to the issuance of the noncovered source permit or release of a draft covered source permit. (HAR §11-60.1-64 & 11-60.1-84)

RESPONSIBLE OFFICIAL (as defined in HAR §11-60.1-1)

Name (Last): Silva (First): Georgette (MI): _____
 Title: President Phone: 847-6746
 Mailing Address: 855 Umi Street
 City: Honolulu State: HI Zip Code: 96819

Certification by Responsible Official (pursuant to HAR §11-60.1-4)

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 (HAR), Title II, Chapter 60.1, Air Pollution Control, and any permit issued thereof.

Name (Print/Type): Georgette Silva
 (Signature): *Georgette Silva* Date: 2-2-12

FOR AGENCY USE ONLY:	
File/Application No.:	<u>0507-06</u>
Island:	<u>VARIOUS</u>
Date Received:	<u>2/17/12</u>

Submit the following documents as part of your application:

- A. The **Emissions Units Table**, filled in as completely as possible. Use separate sheets of paper as needed. General instructions include the following:
1. Identify each **emission point** with a unique number for this plant site, consistent with emission point identification used on the location drawing and previous permits; if known, provide the SICC number. Emission points shall be identified and described in sufficient detail to establish the basis for fees and applicability of requirement of HAR, Chapter 11-60.1. Examples of emission point names are: heater, vent, boiler, tank, baghouse, fugitive, etc. Abbreviations may be used.
 - a. For each emission point use as many lines as necessary to list regulated and hazardous air pollutant data. For hazardous air pollutants, also list the Chemical Abstracts Service number (CAS#).
 - b. Indicate the emission points that discharge together for any length of time.
 - c. The **Equipment Date** is the date of equipment construction, reconstruction, or modification. Provide supporting documentation.
 2. State the maximum emission rates in terms sufficient to establish compliance with the applicable requirements and standard reference test methods. Provide all supporting emission calculations and assumptions:
 - a. Include all regulated and hazardous air pollutants and air pollutants for which the source is major, as defined in HAR §11-60.1-1. Examples of regulated pollutant names are: Carbon Monoxide (CO), Nitrogen Oxides (NOX), Sulfur Dioxide (SO₂), Volatile Organic Compounds (VOC), particulate matter (PM), and particulate less than 10 microns (PM₁₀). Abbreviations may be used.
 - b. Include fugitive emissions.
 - c. Pounds per hour (#/HR) is the maximum potential emission rate expected by applicant.
 - d. Tons per year is the annual maximum potential emissions expected by the applicant, taking into account the typical operating schedule.
 3. Describe Stack Source Parameters:
 - a. Stack Height is the height above the ground.
 - b. Direction refers to the exit direction of stack emissions: up, down or horizontal.
 - c. Flow Rate is the actual, not the calculated, flow rate.
 4. Provide any additional information, if applicable, as follows:
 - a. If combinations of different fuels are used that cause any of the stack source parameters to differ, complete one row for each possible set of stack parameters and identify each fuel in the Equipment Description.
 - b. For a rectangular stack, indicate the length and width.
 - c. Provide any information on stack parameters or any stack height limitations developed pursuant to Section 123 of the Clean Air Act.
- B. A **process flow diagram** identifying all equipment used in the process, including the following:
1. Identify and describe each emission point.
 2. Identify the locations of safety valves, bypasses, and other such devices which when activated may release air pollutants to the atmosphere.
- C. A **facility location map**, drawn to a reasonable scale and showing the following:
1. The property involved and all structures on it. Identify property/fence lines plainly.
 2. Layout of the facility.
 3. Location and identification of the proposed emissions unit on the property.
 4. Location of the property and equipment with respect to streets and all adjacent property. Show the location of all structures within 100 meters of the applicant's emissions unit. Provide the building dimensions (height, length, and width) of all structures that have heights greater than 40% of the stack height of the emissions unit.
- D. Provide a description of any proposed modifications or permit revisions. Include any justification or supporting information for the proposed modifications or permit revisions.

Company Name: Pineridge Farms, Inc

File No.: 0507-01-CT

Location: 855 Umi Street, Honolulu, HI 96819

Page 1 of 2

(Make as many copies of this page as necessary)

EMISSIONS UNITS TABLE

Review of applications and issuance of permits will be expedited by supplying all necessary information on this table

AIR POLLUTANT DATA: EMISSION POINTS			AIR POLLUTANT		AIR POLLUTANT EMISSION RATE		UTM Zone: Horizontal Datum		STACK SOURCE PARAMETERS						
Stack No	Unit No.	Equipment Name/ Description & SIC number	Equipment Date	Regulated/ Hazardous Air Pollutant Name & CAS#	#/ HR	Tons/ YR	Coordinates (mtrs)		Stack Height (mtrs)	Direction (u/d/h) *	Inside Diameter (mtrs)	Velocity (m/s)	Flow Rate (m ³ /s)	Temp. (°K)	Capped (Y/N)
							East	North							
		400 TPH BL-Pegson Tracked Impactor (4242SR) with Screen	2003	TSP		33.6	East	North	4.0	up	5"				

* Specify UTM Horizontal Datum as Old Hawaiian, NAD-83, or NAD-27
 * Specify the direction of the stack exhaust as u = upward, d = downward, or h = horizontal

EMISSIONS UNITS TABLE

Review of applications and issuance of permits will be expedited by supplying all necessary information on this table.

AIR POLLUTANT DATA: EMISSION POINTS			AIR POLLUTANT		AIR POLLUTANT EMISSION RATE		UTM Zone Horizontal Datum *		STACK SOURCE PARAMETERS					
Stack No.	Equipment Name/ Description & SICC number	Equipment Date	Regulated/ Hazardous Air Pollutant Name & CAS#	#/ HR	Tons/ YR	Coordinates (mtrs)	Stack Height (mtrs)	Direction (u/d/h) †	Inside Diameter (mtrs)	Velocity (m/s)	Flow Rate (m³/s)	Temp (°K)	Capped (Y/N)	
	Caterpillar Diesel Engine		TSP		0.74	East	4.0	up	0.127	69	0.87	696	N	
			NOx		10.50	North								
			CO		2.26	East								
			SO ₂		1.23	North								
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* Specify UTM Horizontal Datum as Old Hawaiian, NAD-83, or NAD-27
 † Specify the direction of the stack exhaust as u = upward, d = downward, or h = horizontal

Company Name: Pineridge Farms, Inc File No.: 0507-01-CT
 Location: 855 Umi Street, Honolulu, HI 96819 Page 1 of 2
 (Make as many copies of this page as necessary)

EMISSIONS UNITS TABLE

Review of applications and issuance of permits will be expedited by supplying all necessary information on this table.

AIR POLLUTANT DATA: EMISSION POINTS				AIR POLLUTANT EMISSION RATE		UTM Zone: _____		STACK SOURCE PARAMETERS						
Stack No.	Unit No.	Equipment Name/ Description & SICC number	Equipment Date	Regulated/ Hazardous Air Pollutant Name & CAS#	#/ HR	Tons/ YR	Coordinates (mtrs)	Stack Height (mtrs)	Direction (width)	Inside Diameter (mtrs)	Velocity (m/s)	Flow Rate (m ³ /s)	Temp. (°K)	Capped (Y/N)
		Powerscreen, Turbo Chieftain 1400, serial no. 6612673	2003	TSP		33.6	East	4.0	up	5"				
							North							
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Pine Ridge

S-3: Application for a Covered Source Permit Renewal

Each application for permit renewal shall be submitted to the Director of Health, (hereafter, Director) a minimum of **twelve months** prior to the date of permit expiration. In providing the required information, please reference the corresponding letters and numbers listed below.

Provide a minimum of **two (2)** sets (1 original and 1 copy) of all application materials to the Hawaii Department of Health. Also, mail **one (1)** set directly to EPA at the following address:

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

I. In accordance with Hawaii Administrative Rules (HAR) §11-60.1-101, the following information is required:

- A. Statement certifying that no changes have been made in the design or operation of the source as proposed in the initial and any subsequent Covered Source Permit applications. If changes have occurred or are being proposed, the applicant shall provide a description of those changes such as work practices, operations, equipment design, and monitoring procedures, including the affected applicable requirements associated with the changes and the corresponding information to determine the applicability of all applicable requirements.

Changes have been made. Pieces of equipment have been reduced.

The following pieces of equipment are under this permit:

- ① 400 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
- Powerscreen; Turbo Chieftain 1400 (#2), serial no. 6612673

500 TPH

The following pieces are no longer under this permit:

- 275 TPH BL-Pegson Impact Crusher, Model 428 Trakpctor, serial no. QM014776 with Caterpillar 300 HP engine, model 3306, derail no. 64Z33001
- 195 TPH Pegson Jaw Crusher, model Metro Trak, serial no. QM10381 with 160 HP engine, model 3116TA
- 200 TPH Powerscreen, model Mk II, serial no. 2813808
- 600 TPH Powerscreen, model Mk III, serial no. 7212816
- 500 TPH Powerscreen, Turbo Chieftain 1400, serial no. 6608038

B. Equipment Specifications:

No change. Equipment Specs are attached to the application.

- C. Provide detailed descriptions of all processes and products defined by Standard Industrial Classification Code (SICC). Also, provide any reasonably anticipated alternative operating scenarios, associated processes, and products, by SICC.

Standard Industrial Classification Code (SICC): **1442**
 Recyclable construction and demolition wastes/Materials to be processed include rocks and concrete. Materials to be crushed are loaded into the feeder by front end loader. After crushing, materials go through screener with different sizes of screens. The screens separate the material into different sizes. Different sizes of materials will go to different stock piles via different conveyor belts. Oversize material returns it to the crusher.

- 1. Identify and describe in detail all air pollution control equipment and compliance monitoring devices or activities, and to the extent of available information, an estimate of emissions before and after controls. Provide all calculations and assumptions.

Pollutants from the plant include fugitive dusts and emissions from the diesel engine.

The Processing Plant is equipped with spray bars for dust control. Stockpiles, crushing area, screen area, and truck access routes are controlled by a water truck.

The major contributor for the emission is unpaved roads, which is hard to anticipate as the plant moves from location to location.

- 2. List all *insignificant* activities in accordance with HAR §11-60.1-82.

No insignificant activities

- D. Maximum Operating Schedule (to the extent needed to determine or regulate emissions):

- 1. Total hours per day, per week, and/or per month.
- 2. Total hours per year.
- 3. If operation is seasonal or irregular, describe.

Maximum operating schedule would be operating 8 hours a day, 5 days a week, from 7:00am to 4:00pm.

8 hr/day 40 hr/week 2080 hr/yr

- E. Cite and describe all applicable requirements as defined in HAR §11-60.1-81, including the following:

- 1. Description of or reference to any applicable test methods for determining compliance with each applicable requirement.

11-60.1-2	Prohibition of Air Pollution
11 -60.1 -32	Visible Emissions
11-60.1-33	Fugitive Dust
11 -60.1 -38	Sulfur Oxides from Fuel Combustion
11-60.1-81	Subchapter 5, Covered Sources
11-60.1-91	Temporary Covered Source Permit
40CFR60, Subpart 000:	Standards of Performance for Nonmetallic Mineral Processing Plants

- 2. Explanation of all proposed exemptions from any applicable requirements.

N/A

- F. Identify and describe current operational limitations or work practices that affect emissions of any regulated or hazardous air pollutant. Provide all calculations and assumptions.

The diesel engine generators shall be fired only on diesel #2 with a maximum sulfur content not to exceed 0.5% by weight.

The operating hours for the stone processing plant shall not exceed 2080 hours in any rolling twelve (12) month period.

Any location change will be applied for according to HAR 11-60.1-91, Temporary covered source permits.

- G. For new covered sources and significant modifications which increase the emissions of any air pollutant or result in the emission of any air pollutant not previously emitted, an assessment of the ambient air quality impact of the covered source or significant modification, with the inclusion of any available background air quality data. The assessment shall include all supporting data, calculations and assumptions, and a comparison with the NAAQS and SAAQS.

N/A

- H. For new covered sources and significant modifications subject to the requirements of subchapter 7 of HAR Chapter 11-60.1, all analyses, assessments, monitoring, and other application requirements of subchapter 7.

N/A

- I. Provide detailed information to define permit terms and conditions for any proposed emissions trading within the facility in accordance with HAR §11-60.1-96.

N/A

- J. Provide the following for Compliance purposes:

1. A Compliance Plan, Form C-1.
2. A Compliance Certification, Form C-2.

Attached.

- II. Submit an application fee according to the Application Fee Schedule in the Instructions for Applying for an Air Pollution Control Permit.

Renewal application fee of \$500 is enclosed.

- III. Provide other information as follows:

- A. As required by any applicable requirement or as requested and deemed necessary by the Director to make a decision on the application.
- B. As may be necessary to implement and enforce other applicable requirements of the Clean Air Act or of HAR Chapter 11-60.1 or to determine the applicability of such requirements.

IV. The Director reserves the right to request the following information:

- A. An assessment of the ambient air quality impact of the source or modification. The assessment shall include all supporting data, calculations and assumptions, and a comparison with the National Ambient Air Quality Standards and State Ambient Air Quality Standards.
- B. A risk assessment of the air quality related impacts caused by the covered source or significant modification to the surrounding environment.
- C. Results of source emissions testing, ambient air quality monitoring, or both.
- D. Information on other available control technologies.

V. An application shall be determined to be complete only when all of the following have been complied with:

- A. All information required or requested in numbers I, III, and IV has been submitted.
- B. All documents requiring certification have been certified pursuant to HAR §11-60.1-4.
- C. All applicable fees have been submitted.
- D. The Director has certified that the application is complete.

VI. The Director shall not continue to act upon or consider an incomplete application.

- A. The applicant shall be notified in writing whether the application is complete. Unless the Director requests additional information or notifies the applicant of incompleteness within sixty days of receipt of an application, the application shall be deemed complete.
- B. During the processing of an application that has been determined or deemed complete, if the Director determines that additional information is necessary to evaluate or take final action on the application, the Director may request such information in writing and set a reasonable deadline for a response. As set forth in HAR §11-60.1-82, the covered source's ability to operate and the validity of the Covered Source Permit shall continue beyond the permit expiration date until the final permit is issued or denied, provided the applicant submits all additional information within the reasonable deadline specified by the Director.

VII. After receipt of a complete application, the Director, in writing, shall approve, conditionally approve, or deny an application:

- A. Within twelve months, *except* for applications for renewal for coverage under a covered source general permit. If the application for renewal has not been approved or denied within twelve months, the Covered Source Permit and all its terms and conditions shall remain in effect and not expire until the application for renewal has been approved or denied and provided the applicant has submitted any additional information within the reasonable deadline specified by the Director.
- B. Within six months for applications for renewal requesting coverage under a covered source general permit. If the application for renewal has not been approved or denied within six months, the coverage under the covered source general permit and all its terms and conditions shall remain in effect and not expire until the application for renewal has been approved or denied and provided the applicant has submitted any additional information within the reasonable deadline specified by the Director.

VIII.A Covered Source Permit renewal application shall be approved only if the Director determines that the operation of the covered source will be in compliance with all applicable requirements.

- IX. The Director shall provide for public notice, including the method by which a public hearing can be requested, and an opportunity for public comment on the draft Covered Source Permit renewal in accordance with HAR §11-60.1-99.**
- X. The Director shall provide a statement that sets forth the legal and factual bases for the draft permit conditions (including references to the applicable statutory or regulatory provisions) to EPA and any other person requesting it.**
- XI. Each application for renewal and proposed Covered Source Permit shall be subject to EPA oversight in accordance with HAR §11-60.1-95.**

C-1: Compliance Plan

The Responsible Official shall submit a Compliance Plan as indicated in the Instructions for Applying for an Air Pollution Control Permit and at such other times as requested by the Director of Health (hereafter, Director).

Use separate sheets of paper if necessary.

1. Compliance status with respect to all Applicable Requirements:

Will your facility be in compliance, or is your facility in compliance, with all applicable requirements in effect at the time of your permit application submittal?

- YES {If YES, complete items a and c below}
- NO {If NO, complete items a, b, and c below}

a. Identify all applicable requirement(s) for which compliance is achieved.

11-60.1-2 Prohibition of Air Pollution

11-60.1-32 Visible Emissions 11-60.1-33 Fugitive Dust

11-60.1-81, Subchapter 5, Covered Sources 11-60.1-91 Temporary Covered Source permits

40 CFR60. Subpart OOO. Standards of Performance for Nonmetallic Mineral Processing Plants

Provide a statement that the source is in compliance and will continue to comply with all such requirements.

Pineridge Farms, Inc. facility with a permit No. 0507-01-CT is currently in compliance and will
continue to be in compliance with the requirements listed in item 1 a.

b. Identify all applicable requirement(s) for which compliance is NOT achieved.

N/A

Provide a detailed Schedule of Compliance Schedule and a description of how the source will achieve compliance with all such applicable requirements.

<u>Description of Remedial Action</u>	<u>Expected Date of Completion</u>
<u>N/A</u>	

- c. Identify any other applicable requirement(s) with a future compliance date that your source is subject to. These applicable requirements may take effect AFTER permit issuance:

<u>Applicable Requirement</u>	<u>Effective Date</u>	<u>Currently in Compliance?</u>
N/A		

If the source is not currently in compliance, provide a Schedule of Compliance and a description of how the source will achieve compliance with all such applicable requirements:

<u>Description of Proposed Action/Steps to Achieve Compliance</u>	<u>Expected Date of Achieving Compliance</u>
N/A	

Provide a statement that the source on a timely basis will meet all these applicable requirements:

N/A

If the expected date of achieving compliance will NOT meet the applicable requirement's effective date, provide a more detailed description of each remedial action and the expected date of completion:

<u>Description of Remedial Action and Explanation</u>	<u>Expected Date of Completion</u>
N/A	

2. Compliance Progress Reports:

- a. If a compliance plan is being submitted to remedy a violation, complete the following information:

Frequency of Submittal: N/A
(less than or equal to 6 months)

Beginning Date: _____

b. Date(s) that the Action described in (1)(b) was achieved:

<u>Remedial Action</u>	<u>Date Achieved</u>
N/A	

c. Narrative description of why any date(s) in (1)(b) was not met, and any preventive or corrective measures taken in the interim:

N/A

RESPONSIBLE OFFICIAL

(as defined in HAR §11-60.1-1)

Name (Last): Silva (First): Georgette (MI):

Title: President Phone: 847-6746

Mailing Address: 855 Umi Street

City: Honolulu State: HI Zip Code: 96819

Certification by Responsible Official

(pursuant to HAR §11-60.1-4)

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.

Name (Print/Type): Georgette Silva

(Signature): *Georgette Silva* Date: 2-2-12

Facility Name: Pineridge Farms, INC.

Location: 855 Umi Street, Honolulu, Oahu

Permit Number: 0507-01-CT

FOR AGENCY USE ONLY
File/Application No.: _____
Island: _____
Date Received: _____

COMPLIANCE CERTIFICATION FORM
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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.

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

For Period: 1/1/11-12/31/11 Date: 2/2/12

Company/Facility Name: Pineridge Farms, Inc.

Responsible Official (Print): Georgette Silva

Title: President

Responsible Official (Signature): *Georgette Silva*

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.

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2.

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

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

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

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

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)

(Make Additional Copies if Needed)

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used to determine the compliance status of the respective permit term/condition.

<u>Permit term/condition</u>	<u>Equipment(s)</u>	<u>Method</u>	<u>Compliance</u>
Attachment II, B1, a. & b.	400 TPH BL-Pegson Tracked Impactor, model 4242SR, serial no. QM017963 with Caterpillar 300 HP diesel engine, model C-9 DITA, serial no. CLJ03612, and screen plants	<input checked="" type="checkbox"/> monitoring <input checked="" type="checkbox"/> recordkeeping <input checked="" type="checkbox"/> reporting <input checked="" type="checkbox"/> testing <input type="checkbox"/> none of the above	<input checked="" type="checkbox"/> Continuous <input type="checkbox"/> Intermittent
Attachment II, B2	400 TPH BL-Pegson Tracked Impactor, model 4242SR, serial no. QM017963 with Caterpillar 300 HP diesel engine, model C-9 DITA, serial no. CLJ03612, and screen plants	<input checked="" type="checkbox"/> monitoring <input checked="" type="checkbox"/> recordkeeping <input checked="" type="checkbox"/> reporting <input checked="" type="checkbox"/> testing <input type="checkbox"/> none of the above	<input checked="" type="checkbox"/> Continuous <input type="checkbox"/> Intermittent
Attachment II, C2	400 TPH BL-Pegson Tracked Impactor, model 4242SR, serial no. QM017963 with Caterpillar 300 HP diesel engine, model C-9 DITA, serial no. CLJ03612, and screen plants 500 TPH Powerscreen, Turbo Chieftain 1400, serial no. 6612673	<input checked="" type="checkbox"/> monitoring <input checked="" type="checkbox"/> recordkeeping <input checked="" type="checkbox"/> reporting <input checked="" type="checkbox"/> testing <input type="checkbox"/> none of the above	<input checked="" type="checkbox"/> Continuous <input type="checkbox"/> Intermittent
Attachment II, C3, a	400 TPH BL-Pegson Tracked Impactor, model 4242SR, serial no. QM017963 with Caterpillar 300 HP diesel engine, model C-9 DITA, serial no. CLJ03612, and screen plants 500 TPH Powerscreen, Turbo Chieftain 1400, serial no. 6612673	<input checked="" type="checkbox"/> monitoring <input checked="" type="checkbox"/> recordkeeping <input checked="" type="checkbox"/> reporting <input checked="" type="checkbox"/> testing <input type="checkbox"/> none of the above	<input checked="" type="checkbox"/> Continuous <input type="checkbox"/> Intermittent
Attachment II, C3, b.	400 TPH BL-Pegson Tracked Impactor, model 4242SR, serial no. QM017963 with Caterpillar 300 HP diesel engine, model C-9 DITA, serial no. CLJ03612, and screen plants 500 TPH Powerscreen, Turbo Chieftain 1400, serial no. 6612673	<input checked="" type="checkbox"/> monitoring <input checked="" type="checkbox"/> recordkeeping <input checked="" type="checkbox"/> reporting <input checked="" type="checkbox"/> testing <input type="checkbox"/> none of the above	<input checked="" type="checkbox"/> Continuous <input type="checkbox"/> Intermittent
Attachment II, C3, c.	400 TPH BL-Pegson Tracked Impactor, model 4242SR, serial no. QM017963 with Caterpillar 300 HP diesel engine, model C-9 DITA, serial no. CLJ03612, and screen plants	<input checked="" type="checkbox"/> monitoring <input checked="" type="checkbox"/> recordkeeping <input checked="" type="checkbox"/> reporting <input checked="" type="checkbox"/> testing <input type="checkbox"/> none of the above	<input checked="" type="checkbox"/> Continuous <input type="checkbox"/> Intermittent
Attachment II, C3, d	400 TPH BL-Pegson Tracked Impactor, model 4242SR, serial no. QM017963 with Caterpillar 300 HP diesel engine, model C-9 DITA, serial no. CLJ03612, and screen plants 500 TPH Powerscreen, Turbo Chieftain 1400, serial no. 6612673	<input checked="" type="checkbox"/> monitoring <input checked="" type="checkbox"/> recordkeeping <input checked="" type="checkbox"/> reporting <input checked="" type="checkbox"/> testing <input type="checkbox"/> none of the above	<input checked="" type="checkbox"/> Continuous <input type="checkbox"/> Intermittent
Attachment II, C3, e	400 TPH BL-Pegson Tracked Impactor, model 4242SR, serial no. QM017963 with Caterpillar 300 HP diesel engine, model C-9 DITA, serial no. CLJ03612, and screen plants 500 TPH Powerscreen, Turbo Chieftain 1400, serial no. 6612673	<input checked="" type="checkbox"/> monitoring <input checked="" type="checkbox"/> recordkeeping <input checked="" type="checkbox"/> reporting <input checked="" type="checkbox"/> testing <input type="checkbox"/> none of the above	<input checked="" type="checkbox"/> Continuous <input type="checkbox"/> Intermittent
Attachment II, C3, f	400 TPH BL-Pegson Tracked Impactor, model 4242SR,	<input checked="" type="checkbox"/> monitoring	<input checked="" type="checkbox"/> Continuous

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	serial no. QM017963 with Caterpillar 300 HP diesel engine, model C-9 DITA, serial no. CLJ03612, and screen plants 500 TPH Powerscreen, Turbo Chieftain 1400, serial no. 6612673	<input checked="" type="checkbox"/> recordkeeping <input checked="" type="checkbox"/> reporting <input checked="" type="checkbox"/> testing <input type="checkbox"/> none of the above	<input type="checkbox"/> Intermittent
Attachment II, C3, g	400 TPH BL-Pegson Tracked Impactor, model 4242SR, serial no. QM017963 with Caterpillar 300 HP diesel engine, model C-9 DITA, serial no. CLJ03612, and screen plants 500 TPH Powerscreen, Turbo Chieftain 1400, serial no. 6612673	<input checked="" type="checkbox"/> monitoring <input checked="" type="checkbox"/> recordkeeping <input checked="" type="checkbox"/> reporting <input checked="" type="checkbox"/> testing <input type="checkbox"/> none of the above	<input checked="" type="checkbox"/> Continuous <input type="checkbox"/> Intermittent
Attachment II, C3, h	400 TPH BL-Pegson Tracked Impactor, model 4242SR, serial no. QM017963 with Caterpillar 300 HP diesel engine, model C-9 DITA, serial no. CLJ03612, and screen plants 500 TPH Powerscreen, Turbo Chieftain 1400, serial no. 6612673	<input checked="" type="checkbox"/> monitoring <input checked="" type="checkbox"/> recordkeeping <input checked="" type="checkbox"/> reporting <input checked="" type="checkbox"/> testing <input type="checkbox"/> none of the above	<input checked="" type="checkbox"/> Continuous <input type="checkbox"/> Intermittent
Attachment II, C3, i	400 TPH BL-Pegson Tracked Impactor, model 4242SR, serial no. QM017963 with Caterpillar 300 HP diesel engine, model C-9 DITA, serial no. CLJ03612, and screen plants 500 TPH Powerscreen, Turbo Chieftain 1400, serial no. 6612673	<input checked="" type="checkbox"/> monitoring <input checked="" type="checkbox"/> recordkeeping <input checked="" type="checkbox"/> reporting <input checked="" type="checkbox"/> testing <input type="checkbox"/> none of the above	<input checked="" type="checkbox"/> Continuous <input type="checkbox"/> Intermittent
Attachment II, C3, j	Water Trucks	<input checked="" type="checkbox"/> monitoring <input checked="" type="checkbox"/> recordkeeping <input checked="" type="checkbox"/> reporting <input checked="" type="checkbox"/> testing <input type="checkbox"/> none of the above	<input checked="" type="checkbox"/> Continuous <input type="checkbox"/> Intermittent
Attachment II, C4, a	400 TPH BL-Pegson Tracked Impactor, model 4242 SR, serial no QM017963 with Caterpillar 300 HP diesel engine, model C-9 DITA, serial no. CLJ03612,	<input checked="" type="checkbox"/> monitoring <input checked="" type="checkbox"/> recordkeeping <input checked="" type="checkbox"/> reporting <input checked="" type="checkbox"/> testing <input type="checkbox"/> none of the above	<input checked="" type="checkbox"/> Continuous <input type="checkbox"/> Intermittent
Attachment II, C4, c	400 TPH BL-Pegson Tracked Impactor, model 4242 SR, serial no QM017963 with Caterpillar 300 HP diesel engine, model C-9 DITA, serial no. CLJ03612	<input checked="" type="checkbox"/> monitoring <input checked="" type="checkbox"/> recordkeeping <input checked="" type="checkbox"/> reporting <input checked="" type="checkbox"/> testing <input type="checkbox"/> none of the above	<input checked="" type="checkbox"/> Continuous <input type="checkbox"/> Intermittent
Attachment II, C4, e.	400 TPH BL-Pegson Tracked Impactor, model 4242 SR, serial no QM017963 with Caterpillar 300 HP diesel engine, model C-9 DITA, serial no. CLJ03612	<input checked="" type="checkbox"/> monitoring <input checked="" type="checkbox"/> recordkeeping <input checked="" type="checkbox"/> reporting <input checked="" type="checkbox"/> testing <input type="checkbox"/> none of the above	<input checked="" type="checkbox"/> Continuous <input type="checkbox"/> Intermittent
Attachment II, C5	400 TPH BL-Pegson Tracked Impactor, model 4242 SR, serial no QM017963 with Caterpillar 300 HP diesel engine, model C-9 DITA, serial no. CLJ03612, and screening plants 500 TPH Powerscreen, Turbo Chieftain 1400, serial no. 6612673	<input checked="" type="checkbox"/> monitoring <input checked="" type="checkbox"/> recordkeeping <input checked="" type="checkbox"/> reporting <input checked="" type="checkbox"/> testing <input type="checkbox"/> none of the above	<input checked="" type="checkbox"/> Continuous <input type="checkbox"/> Intermittent
Attachment II, C6	400 TPH BL-Pegson Tracked Impactor, model 4242 SR, serial no QM017963 with Caterpillar 300 HP diesel	<input checked="" type="checkbox"/> monitoring <input checked="" type="checkbox"/> recordkeeping	<input checked="" type="checkbox"/> Continuous <input type="checkbox"/> Intermittent

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	engine, model C-9 DITA, serial no. CLJ03612, and screening plants 500 TPH Powerscreen, Turbo Chieftain 1400, serial no. 6612673	<input checked="" type="checkbox"/> reporting <input checked="" type="checkbox"/> testing <input type="checkbox"/> none of the above	
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D. Deviations

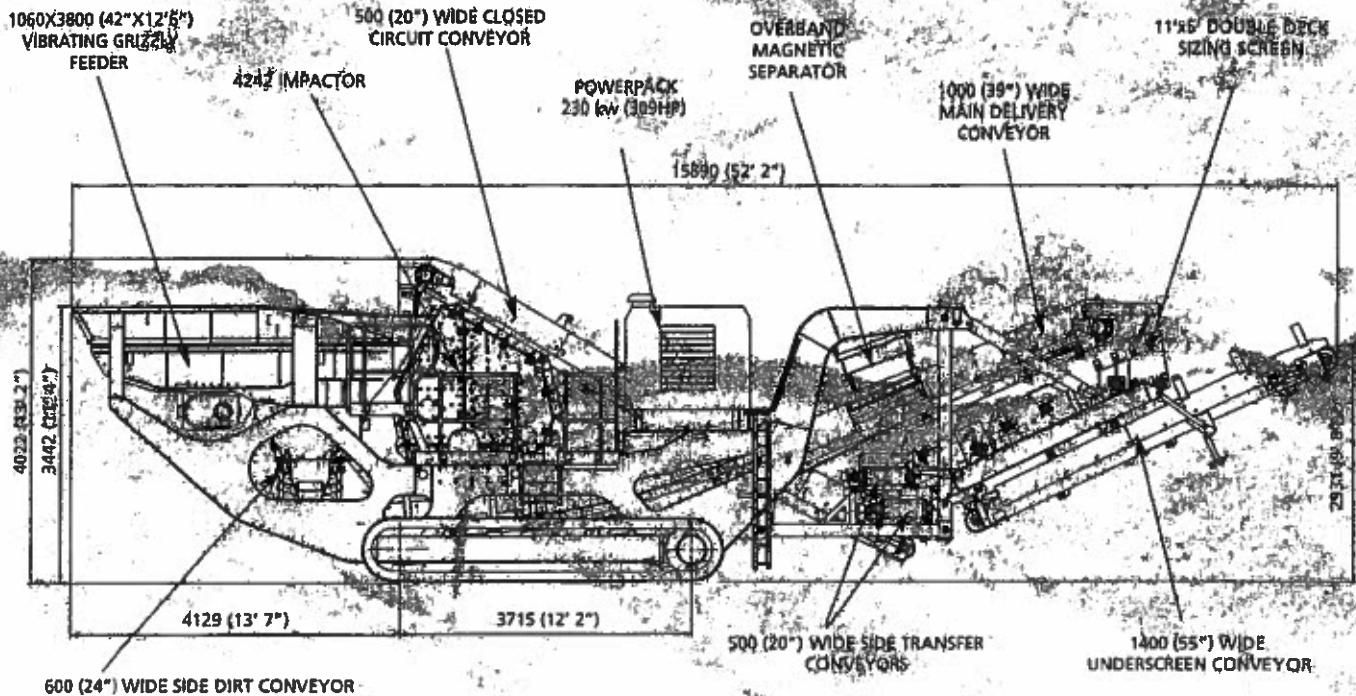
<u>Permit Term/ Condition</u>	<u>Equipment(s) / Brief Summary of Deviation</u>	<u>Deviation Period time (am/pm) & date (mo/day/yr)</u>	<u>Date of Written Deviation Report to DOH (mo/day/yr)</u>
	No deviations	Beginning: Ending:	
		Beginning: Ending:	
		Beginning: Ending:	
		Beginning: Ending:	
		Beginning: Ending:	
		Beginning: Ending:	
		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 CRF 64 occurred.**

(Make Additional Copies if Needed)

4242 SR

Tracked Impactor with product sizing screen & re-circulating facility



Technical information for Impactor				
Feed Opening	Rotor Diameter	Rotor Width	Rotor Speed	No. of Hammers
1067 x 711mm (42" x 28")	1062mm (42")	1062mm (42")	504 rpm 630 rpm*	4

* Optional

Working Width: (over dirt conveyor)	4,100 (13'-5")
Travel Length:	15,890 (52'-2")
Travel Width:	3,100 (10' 2")
Travel Height:	3,442 (11'- 4")
Overall Track Width:	2,560 (8'- 5")
Total Weight:	42 tonnes (46 US tons)

Notes: Capacities are typical only based on clean, dry, quarried hard limestone weighing loose approximately 1.60m³ (100lb/ft³). The feed should be well graded and of a size that will readily enter the mouth of the crusher chamber. Crushing performance will vary with local conditions. For further advice contact your local dealer or BL-Pegson Ltd.

Your Local Authorised BL-Pegson Dealer:

SERIAL # 420125BLSR

POWER SCREENING INC.

P. O. BOX 192
HENDERSON, CO 80640
303-287-0100

BL-Pegson Ltd

Mammoth Street, Coalville,
Leicestershire, LE67 3GN, England.
Tel: +44 (0) 1530 518600
Fax: +44 (0) 1530 518618
email sales@bl-pegson.com
www.bl-pegson.com

US Office:

11001 Electron Drive, Louisville,
Kentucky, 40299 USA.
Tel: (502) 736 5200.
Fax: (502) 736 5202



THE QUEEN'S AWARDS
FOR ENTERPRISE,
INTERNATIONAL TRADE
2002

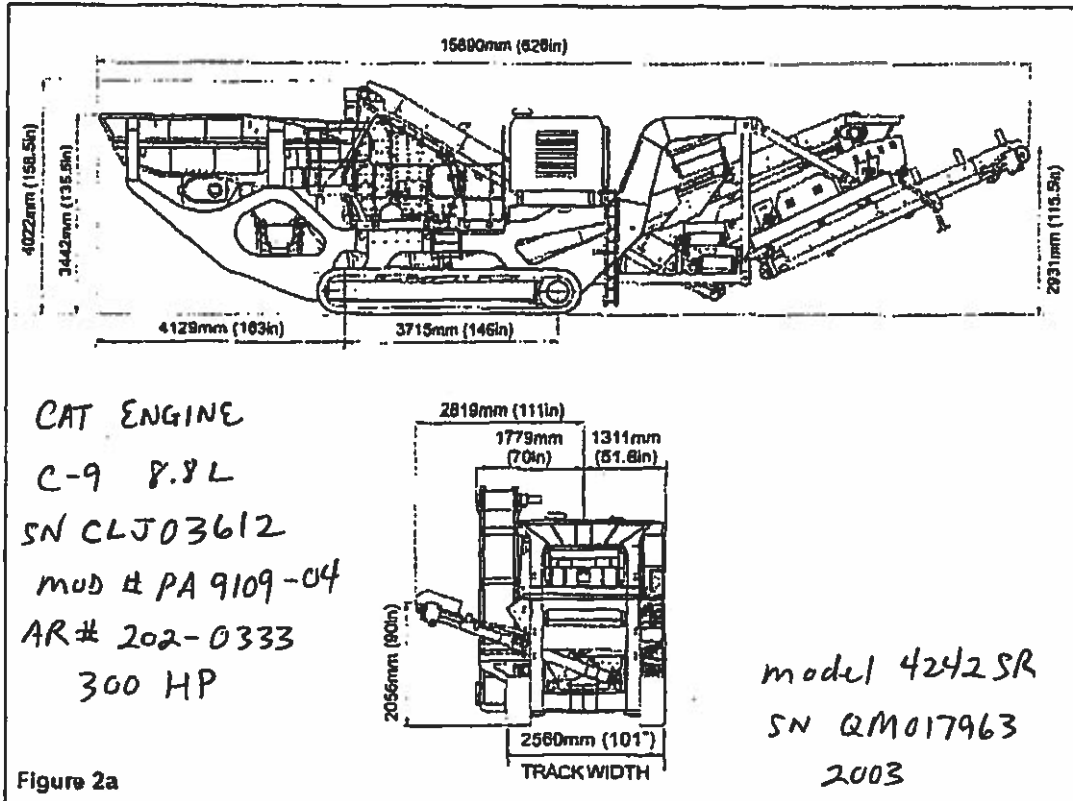




Technical Information

Tracked Impactor
4242SR
Issue 01
Page 2

2.1 Dimensions



- Travel Height (Excluding Transport Trailer): 3442mm (135.5in) without spray bars
- Travel Width: 3100mm (122in)
- Track Width: 2560mm (101in)
- Working Height: 4022mm (158.5in)
- Gross Weight approx. 42 tonnes (46 US tons)

Note: Weights and dimensions are for guidance only and appropriate allowances should be applied when being used for transportation purposes.



Turbo Chieftain 1400

Technical Specification



S/N 6612673

Chieftain 1400 JAN. 2000

Page 2

FEATURES

• Total weight	21,760kg (47,900 lbs)	W
• Total weight	25,200kg (55,400 lbs)	(T)
• Vibrating grid fitted	25,220kg (55,484 lbs)	W
• Vibrating grid fitted	28,660kg (63,052 lbs)	(T)
• Width (transport)	2.75m (9')	
• Length (transport)	15.59m (51' - 1")	W
•	13.95m (45' - 9")	(T)
• Height (transport)	3.9m (12' - 8")	W
•	3.2m (10' - 6")	(T)
• Vibrating grid fitted	3.4m (11' - 1")	(T)
• Hopper capacity	7.0m ³ (9.15yds)	(T)
•	7.5m ³ (9.81yds)	W
• Screenunit	4 - bearing 3.3m x 1.5m (11' x 5')	
• Powerunit	Diesel Hydraulic with Deutz BF4M1012C - 82kW (109 Hp).	

ADVANTAGES

- High capacity -500 TPH, (depending on mesh sizes and material type).
- Quick set up time typically under 15 minutes.
- Maximum mobility with heavy duty, low ground pressure crawler tracks. (T)
- Approved GLD braking axles, spring suspension, mudguards and 235/65/R17.5 dual road wheels. W
- Removable heavy duty pendant remote control system. (T)
- Optional radio control system available if required at extra cost. (T)
- High performance hydraulic system - David Brown pumps, Danfoss motors, Oil cooler, Commercial Hydraulics control valves.
- Angle adjustable tipping grid with radio control double acting tipping grid rams.
- Low profile Single deck Vibrating Grid option with remote control tipping. Angle adjustable and fully riveted construction.

APPLICATIONS

- Sand and gravel
- Topsoil
- Coal
- Crushed stone
- Recycling

NB W = WHEEL MACHINE / (T) = TRACK MACHINE

UNLIMITED SOLUTIONS FOR LIMITED RESOURCES

All specifications subject to change without prior notice.



Turbo Chieftain 1400 Technical Specification



Chieftain 1400 JAN, 2000

Page 3

Hopper & Grid:

Adjustable angle tipping grid with integral loading and wing plates	
Grid opening	3.57m x 1.8m (11'-9" x 5'-11")
Grid aperture:	102mm (4")
Target area:	4.3 x 1.8m (14'-1" x 5'-11")
Hopper capacity:	7.5m ³ (9.81cu.yds) W
	7.0m ³ (9.15cu.yds) T

Screenunit:

11' x 5' (3.3 x 1.5m) double deck, 4 bearing, free floating vibration system which eliminates the need for fine tuning.

Feed Conveyor:

1050mm (42") wide direct feed conveyor with direct drive system & hydraulic variable speed control.

Shredder:

Optional, single shaft, flail type shredder designed for use in top soil applications.

Main Conveyor:

1050mm (42") wide hydraulically adjustable conveyor, fully skirted & sealed to prevent spillage.

Tail Conveyor:

1200mm (48") wide hydraulically folding tail conveyor
 3.85m (12' - 7.5") stockpile height. (Measured to drum centre) T
 4.08m (13' - 4.5") stockpile height. (Measured to drum centre) W

Side Conveyors:

650mm (26") wide hydraulically folding side conveyors with individual, variable speed control:
 4.45m (14' - 7") stockpile height. (Measured to drum centre) T
 4.68m (15' - 4") stockpile height. (Measured to drum centre) W

Powerunit & Hydraulics:

Diesel engine:	Deutz BF4M 1012C, with output up to 82 kW (109 Hp), developing 72 kW (96Hp) at 2200 rpm.
Flywheel pump1:	David Brown 4032/4032 (32cc/rev each circuit) (Pump1 not used on shredder machine)
PTO pump2:	David Brown 5023/5023 (23cc/rev each circuit)
Flywheel pump3:	David Brown 5046/5033/5033 (46cc/33cc/33cc / rev) (Shredder only)
Feeder Motor:	Danfoss OMSS250 (250cc/rev)
Shredder Motor:	David Brown MCC 2215 (102cc/rev)
Main conveyor Motor:	Danfoss OMT500 (500cc/rev)
Tail Conveyor Motor:	Danfoss OMT500 (500cc/rev)
Side Conveyor Motor:	Danfoss OMT500 (500cc/rev)
Screen Motor:	David Brown MCC 2208 (59cc/rev)

NB T = TRACK MACHINE / W = WHEEL MACHINE

UNLIMITED SOLUTIONS FOR LIMITED RESOURCES

All specifications subject to change without prior notice.



Turbo Chieftain 1400 Technical Specification



Chieftain 1400 JAN. 2000

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Tank Capacities:

Hydraulic tank:	564 L (124 Gal)
Diesel tank:	336 L (74 Gal)

Crawler Track Data:

(T)

Tractive Effort	=	14,276 daN
Gradability Percentage	=	77 -75 %
Gearbox Ratio	=	1:122
Hydraulic Motor	=	Rexroth 63 cc/rev
Approximate Speed	=	0.87 Km/hr (0.54 Mph)

Road Transport:

W

Wheels:	235/75/R17.5 Dual
Axle:	Approved braking axle (GLD manufacture)
Suspension:	Mono leaf spring suspension
Brakes:	Air brakes, (ABS optional)
Mudguards:	Plastic type
Lateral Protection:	Optional extra.
Lights:	Optional extra.

Vibrating Grid Option

Screen size:	3.05m x 2.14m (10' x 7')
Working angle:	10° to 20° adjustable.
Tip angle:	45° maximum.
Motor:	David Brown MCC 2208 (59cc/rev)
Circuit:	Coupled to main conveyor circuit.
Transport height:	3.4m (11' - 1.75") (T)
Transport height:	4.0m (13' - 1") (W)
Total weight:	28,660kg (63,052 lbs) (T)
Total weight:	25,220kg (55,484 lbs) (W)

NB T = TRACK MACHINE / W = WHEEL MACHINE

UNLIMITED SOLUTIONS ARE LIMITED RESOURCES

All specifications subject to change without prior notice.

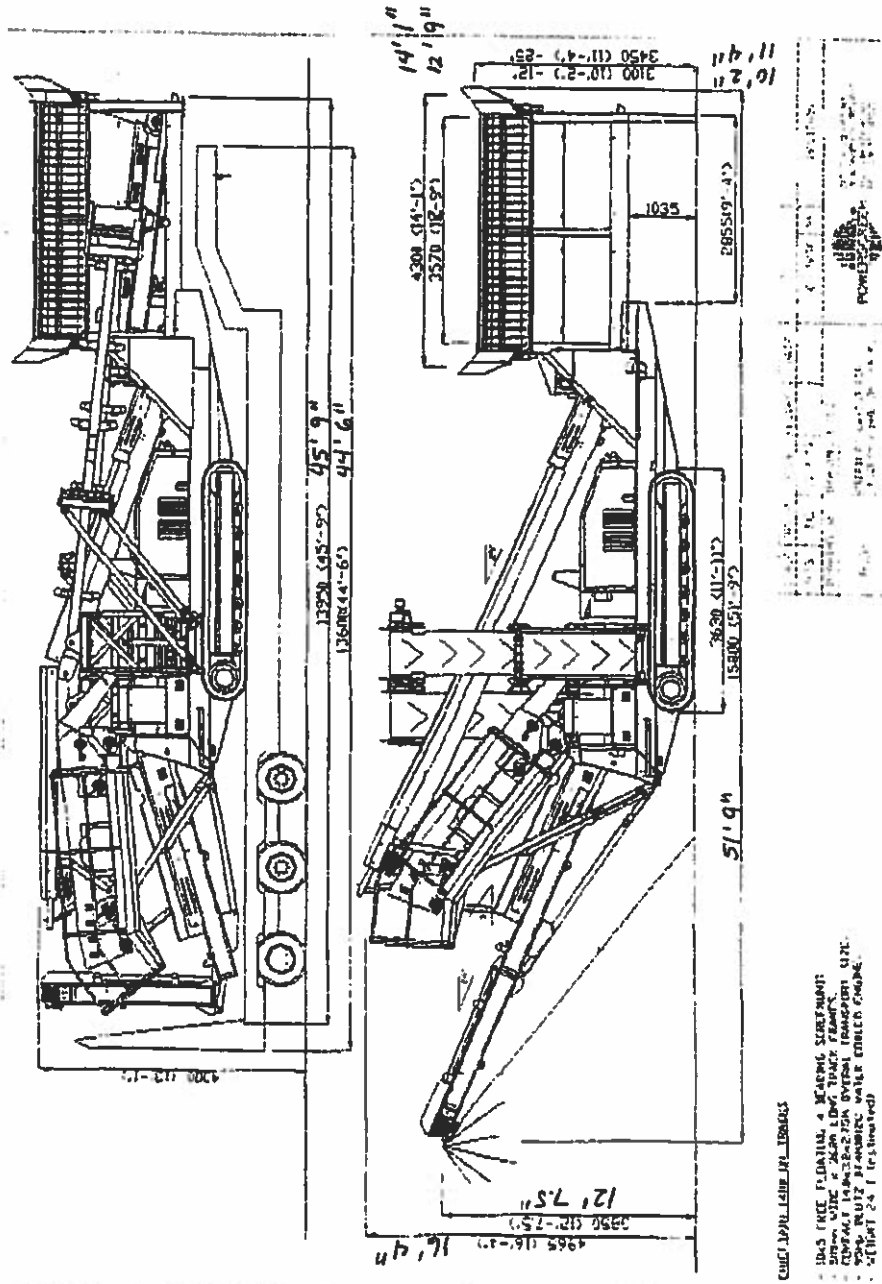


Turbo Chieftain 1400 Technical Specification



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CALC. APPROX. DIMS. IN. DIMS.

- HAS TIRE FLATFIX, A BEARING SCREENING
- OPERATES ON 20% GRADE
- OPERATES ON 20% GRADE
- OPERATES ON 20% GRADE
- OPERATES ON 20% GRADE
- OPERATES ON 20% GRADE

UNLIMITED SOLUTIONS FOR LIMITED RESOURCES

All specifications subject to change without prior notice.

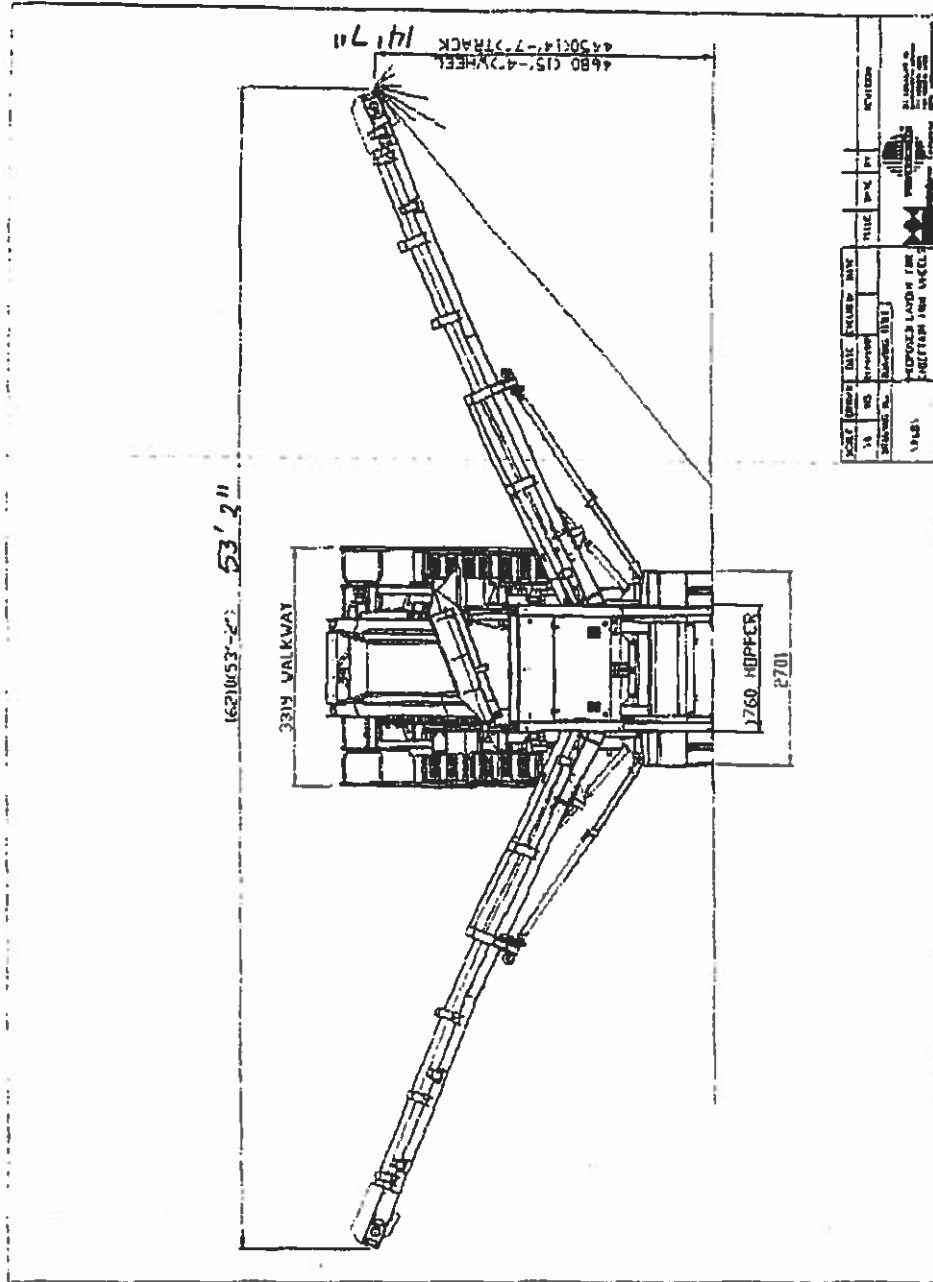


Turbo Chieftain 1400 Technical Specification



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UNLIMITED SOLUTIONS FOR LIMITED RESOURCES

All specifications subject to change without prior notice.

FORM F-1
2011 ANNUAL FEE SUMMARY FOR COVERED SOURCES
 (FOR AIR POLLUTANTS EMITTED DURING CALENDAR YEAR 2010)

File 0507-01-CT
 Date Received _____

1. FACILITY INFORMATION (PLEASE PRINT)

A. Facility Name:	Pineridge Farms, Inc.	B. Location:	Move from location to location	C. Island:	varies
D. Mailing Address:	855 Umii Street	E. City:	Honolulu	F. State:	Hawaii
H. Contact Person:	Georgette Silva	I. Title:	President	J. Telephone No.:	847-6746
K. Responsible Officer:	Georgette Silva	L. Title:	President	M. Telephone No.:	847-6746
N. Signature:	<i>Georgette Silva</i>	Date:	<u>2-2-12</u>		

Based on the information and belief formed after reasonable inquiry, the statements and information in this document are true, accurate, and complete.

2. CALCULATED EMISSIONS (CALCULATE AND REPORT EMISSIONS TO THE NEAREST TENTH OF A TON (Line 2.B.) AND TOTAL ANNUAL EMISSIONS (Line 2.C.) SUBJECT TO FEES IN WHOLE TONS (DROP FRACTION(S) OF A TON))

Equipment: Stack Number or Unit Number	Air Pollutant Emissions (tons/yr)										Annual Total	
	TSP	PM10	PM2.5	SO2	CO	NOx	VOC	Pb	HAPs	NH3		
A. Supplement 1	1.121			0.078	0.256	1.187	0.094					
Supplement 2	0.181											
B. Total Report Emissions	1.301			0.078	0.256	1.187	0.094					
C. Total Emissions Subject to Fees	1			0	0	1	0					D. 2

3. 2008 ANNUAL FEE CALCULATION (USE THE TOTAL ANNUAL EMISSIONS SUBJECT TO FEES CALCULATED IN BLOCK 2.D.)

Fee payable to:	Total Annual Emissions Subject to Fees (enter 2.D. value in 3.A. & 3.C. below)		Times	2011 \$/ton	Times	Consumer Price Index Adjustment (5.37% increase from '08-'09)	Equals	Total
	A.	C.						
Clean Air Special Fund - COV	2		X	\$49.46	X	1	= B	\$98.92
Clean Air Special Fund - NON	2		X	\$12.05	X	1	= D	\$24.10
							Total E	\$123.02

Note: The indicated rates were established in accordance with HAR, §11-60.1-114, and will be adjusted annually.

2010 \$/ton charge payable to Clean Air Special Fund-NON = 2 X 49.46 X 1 = \$98.92 /ton

2010 \$/ton charge payable to Clean Air Special Fund-COV = 2 X 12.05 X 1 = \$24.10 /ton

If the summed amount found in 3.E. is less than \$500, then pay the minimum amount of \$500, with a check made payable to the "Clean Air Special Fund-COV."

If the summed amount found in 3.E. is greater than \$500, then pay fee amounts found in 3.B. & 3.D. with two separate checks made payable to the "Clean Air Special Fund-COV" & "Clean Air Special Fund-NON," respectively.

FORM F-2
Supplement 1
2011 ANNUAL FEE SUMMARY FOR COVERED SOURCES
(FOR AIR POLLUTANTS EMITTED DURING CALENDAR YEAR 2010)

File 0507-01-CT
Date Received _____

1. FACILITY INFORMATION (PLEASE PRINT)

A. Facility Name: Pineridge Farms, Inc.	B. Location: Move from location to location	C. Island: varies
D. Responsible Officer Georgette Silva	E. Title: President	F. Telephone No.: 847-6746
G. Signature: <i>Georgette Silva</i>		Date: 2-2-12

Based on the information and belief formed after reasonable inquiry, the statements and information in this document are true, accurate, and complete.

2. CALCULATED EMISSIONS (CALCULATE AND REPORT EMISSIONS TO THE NEAREST TENTH OF A TON (Line 2.B.) AND TOTAL ANNUAL EMISSIONS (Line 2.C.) SUBJECT TO FEES IN WHOLE TONS (DROP FRACTION(S) OF A TON)

Equipment: Stack Number or Unit Number	Air Pollutant Emissions (tons/yr)											
	TSP	PM ₁₀	PM _{2.5}	SO ₂	CO	NO _x	VOC	Pb	HAPs	NH ₃		
400 TPH BL-Pegson Tracked Impactor with Sizing Screen, model 4242 SR												
Primary Crushing	0.110											
Truck unloading	0.005											
Transfer Points	0.549											
Storage Piles	1.297											
Unpaved Roads	1.498											
Total Uncontrolled	3.458											
Control Factor	70%											
Total Controlled	1.037											
Diesel Engine	0.083			0.078	0.256	1.187	0.094					
Supplement												
Total Report Emissions	1.121			0.078	0.256	1.187	0.094					

EMISSION CALCULATIONS - ENGINE

PERMIT NO.: 0507-01-CT

FACILITY AND EQUIPMENT INFORMATION

COMPANY: Pineridge Farms, Inc.

EQUIPMENT: 400 TPH BL-Pegson Tracked Impactor with Sizing Screen, model 4242 SR

ENGINE: Caterpillar 300 HP diesel engine, model C-9 DITA, serial no. CLJ03612

LOCATION: Move from location to location

FUEL USAGE (FROM OPERATOINS RECORDS)

3,929	GAL/YR, (INPUT)	CONVERTORS FOR DIESEL:	
27,892	LB/YR	LB/GAL	7.1
538	MMBTU/YR	BTU/LB	19300

POLLUTANT EMISSIONS FROM THE ENGINE (PER AP42 SECTION 3.3)

POLLUTANT	EMISSION FACTOR	TOTAL EMISSIONS	
	(LB/MMBTU)	(LB/YR)	(TON/YR)
NOx	4.41	2,374	1.187
CO	0.95	511	0.256
SOx	0.29	156	0.078
TSP	0.31	167	0.083
CO ₂	164	88,285	44.14
VOC	0.35	188	0.094

EMISSION CALCULATIONS - CRUSHING OPERATIONS

PERMIT NO.: 0507-01-CT

FACILITY AND EQUIPMENT INFORMATION

COMPANY: Pineridge Farms, Inc.
 EQUIPMENT: 400 TPH BL-Pegson Tracked Impactor with Sizing Screen, model 4242 SR
 ENGINE: Caterpillar 300 HP diesel engine, model C-9 DITA, serial no. CU03612
 LOCATION: Move from location to location

PRODUCTION INFORMATION (FROM OPERATOINS RECORDS)

91,473 TON/YR TRANSFER POINT 4

POLLUTANT EMISSIONS FROM THE CRUSHING OPERATONS (TPM) (PER AP42 CH 11, TABLE 11.19)

Source	SCC NO.	Total Particulate Emission Factor (LB/TON)	Total Particulate output (LB/YR)	Total Particulate output (TON/YR)
Primary Crushing ¹		0.0024	219.5352	0.110
Primary Crushing (controlled) ¹		0.00054		
Secondary Crushing		ND		
Secondary Crushing (controlled)		ND		
Tertiary Crushing		0.0054		
Tertiary Crushing (controlled)		0.0012		
Fines Crushing		0.039		
Fines Crushing (controlled)		0.003		
Screening		0.025		
Screening (controlled)		0.0022		
Fines Screening		0.3		
Fines Screening (controlled)		0.0036		
Conveyor Transfer Point		0.003	274.419	0.548838
Conveyor Transfer Point (controlled)		0.00014		
Wet Drilling - Unfragmented Stone		ND		
Truck Unloading -Fragmented Stone		ND		
Truck Unloading - Conveyor, crushed stone ²		0.0001	9.1473	0.005

¹ There is no data for these items for TPMs. PM₁₀ values for tertiary crushing are used for TPMs.

EMISSION CALCULATIONS - STORAGE

PERMIT NO.: 0507-01-CT

FACILITY AND EQUIPMENT INFORMATION

COMPANY: Pineridge Farms, Inc.
EQUIPMENT: 400 TPH BL-Pegson Tracked Impactor with Sizing Screen, model 4242 SR
ENGINE: Caterpillar 300 HP diesel engine, model C-9 DITA, serial no. CLJ03612
LOCATION: Move from location to location

WIND EROSION FROM STORAGE PILES

Per AP42 13.2.4

$$E = 0.0032 k \times \frac{\left(\frac{U}{5}\right)^{1.3}}{\left(\frac{M}{2}\right)^{1.4}}$$

where:

k: particle size multiplier	0.74
U: mean wind speed (mph)	10.9
M: material moisture content %	0.7
E: emission factor (lb/ton)	0.0284
annual production: (ton/yr)	91,473
total TSP for storage piles (ton/yr):	1.297

EMISSION CALCULATIONS - UNPAVED ROAD

PERMIT NO.: 0507-01-CT

FACILITY AND EQUIPMENT INFORMATION

COMPANY: Pineridge Farms, Inc.
EQUIPMENT: 400 TPH BL-Pegson Tracked Impactor with Sizing Screen, model 4242 SR
ENGINE: Caterpillar 300 HP diesel engine, model C-9 DITA, serial no. CLJ03612
LOCATION: Move from location to location

EMISSION FROM UNPAVED ROAD (TPM)

Per AP42 13.2.2

$$E = k\left(\frac{s}{12}\right)^a \left(\frac{W}{3}\right)^b$$

where:

k: constants (lb/VMT)	4.9
a: constants	0.7
b: constants	0.45
s: surface material silt content (%)	4.8
W: mean vehicle weight (ton)	26.5
E: emission factor (lb/VMT)	6.88
average truck load (ton)	21
average unpaved roads (mile)	0.1
annual production (ton):	91,473
VMT generate:	436
Total emission (ton/yr):	1.498

~~FEB 24 2016~~

Lorina L. Modelski
Operations

855 Umi Street
Honolulu, HI 96819

Phone: 808-847-6746
Fax: 808-842-3470
Mobile: 808-561-0530

l.modelski@pineridgefarmsinc.com

SCANNED

Pineridge Farms, Inc.

February 22, 2016

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

Subject: PERMIT APPLICATION FOR MINOR MODIFICATION –
PERMIT NO. 0507-01-CT

Dear Mr. Hirai,

We respectfully request Department of Health, Clean Air Branch's consideration with the attached Request for Permit Modification. We are removing equipment which we no longer own.

Should you have any questions regarding the above, please do not hesitate to call Ms. Lori Modelski at 847-6746.

Sincerely,



Lorina L. Modelski
Operations Manager

cc: File: Permit 0507-01-CT/Permit Application (Modification)
Lance Zhai

M.D 3 3093

File/Application No.: 0507

S-1: Standard Air Pollution Control Permit Application Form
(Covered Source Permit and Noncovered Source Permit)

State of Hawaii
Department of Health
Environmental Management Division
Clean Air Branch
P.O. Box 3378 · Honolulu, HI 96801-3378 · Phone: (808) 586-4200

1. Company Name: Pineridge Farms, Inc.

2. Facility Name (if different from the Company):

3. Mailing Address: 855 Umi Street

City: Honolulu State: HI Zip Code: 96819

Phone Number: 847-6746

4. Name of Owner/Owner's Agent: Georgette Silva

Title: President Phone: 847-6746

Mailing Address: 855 Umi Street

City: Honolulu State: HI Zip Code: 96819

5. Plant Site Manager/Other Contact: Georgette Silva

Title: President Phone: 847-6746

Mailing Address: 855 Umi Street

City: Honolulu State: HI Zip Code: 96819

6. Permit Application Basis: (Check One.)

- Initial Permit for a New Source
Initial Permit for an Existing Source
Renewal of Existing Permit
General Permit
Temporary Source
Transfer of Permit
Modification to a Covered Source: Is Modification? Significant Minor Uncertain
Modification to a Noncovered Source

7. If renewal or modification, include existing permit number: 0507-01-CT

8. Does the Proposed Source require a County Special Management Area Permit? Yes No

9. Type of Source (Check One): Covered Source Covered and PSD Source
Noncovered Source Uncertain

MAN3093

10. Standard Industrial Classification Code (SICC), if known: 1442
11. Proposed Equipment/Plant Location (e.g. street address): Move from place to place
 City: _____ State: HI Zip Code: _____
 UTM Coordinates (meters): East: _____ North: _____
12. General Nature of Business: Construction Material Recycling
13. Date of Planned Commencement of Construction or Modification: asap upon permit approval
14. Is *any* of the equipment to be leased to another individual or entity? Yes No
15. Type of Organization: Corporation Individual Owner Partnership
 Government Agency (Government Facility Code: _____)
 Other: _____

Any applicant for a permit who fails to submit any relevant facts or who has submitted incorrect information in any permit application shall, upon becoming aware of such failure or incorrect submittal, promptly submit such supplementary facts or corrected information. In addition, an applicant shall provide additional information as necessary to address any requirements that become applicable to the source after the date it filed a complete application, but prior to the issuance of the noncovered source permit or release of a draft covered source permit. (HAR §11-60.1-64 & 11-60.1-84)

RESPONSIBLE OFFICIAL (as defined in HAR §11-60.1-1)

Name (Last): Silva (First): Georgette (MI): _____
 Title: President Phone: 847-6746
 Mailing Address: 855 Umi Street
 City: Honolulu State: HI Zip Code: 96819

Certification by Responsible Official (pursuant to HAR §11-60.1-4)

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 (HAR), Title II, Chapter 60.1, Air Pollution Control, and any permit issued thereof.

Name (Print/Type): Georgette Silva
 (Signature): Georgette Silva Date: 02/22/16

FOR AGENCY USE ONLY:	
File/Application No.:	_____
Island:	_____
Date Received:	_____

Submit the following documents as part of your application:

- A. The **Emissions Units Table**, filled in as completely as possible. Use separate sheets of paper as needed. General instructions include the following:
1. Identify each **emission point** with a unique number for this plant site, consistent with emission point identification used on the location drawing and previous permits; if known, provide the SIC number. Emission points shall be identified and described in sufficient detail to establish the basis for fees and applicability of requirement of HAR, Chapter 11-60.1. Examples of emission point names are: heater, vent, boiler, tank, baghouse, fugitive, etc. Abbreviations may be used.
 - a. For each emission point use as many lines as necessary to list regulated and hazardous air pollutant data. For hazardous air pollutants, also list the Chemical Abstracts Service number (CAS#).
 - b. Indicate the emission points that discharge together for any length of time.
 - c. The **Equipment Date** is the date of equipment construction, reconstruction, or modification. Provide supporting documentation.
 2. State the maximum emission rates in terms sufficient to establish compliance with the applicable requirements and standard reference test methods. Provide all supporting emission calculations and assumptions:
 - a. Include all regulated and hazardous air pollutants and air pollutants for which the source is major, as defined in HAR §11-60.1-1. Examples of regulated pollutant names are: Carbon Monoxide (CO), Nitrogen Oxides (NOX), Sulfur Dioxide (SO₂), Volatile Organic Compounds (VOC), particulate matter (PM), and particulate less than 10 microns (PM₁₀). Abbreviations may be used.
 - b. Include fugitive emissions.
 - c. Pounds per hour (#/HR) is the maximum potential emission rate expected by applicant.
 - d. Tons per year is the annual maximum potential emissions expected by the applicant, taking into account the typical operating schedule.
 3. Describe Stack Source Parameters:
 - a. Stack Height is the height above the ground.
 - b. Direction refers to the exit direction of stack emissions: up, down or horizontal.
 - c. Flow Rate is the actual, not the calculated, flow rate.
 4. Provide any additional information, if applicable, as follows:
 - a. If combinations of different fuels are used that cause any of the stack source parameters to differ, complete one row for each possible set of stack parameters and identify each fuel in the Equipment Description.
 - b. For a rectangular stack, indicate the length and width.
 - c. Provide any information on stack parameters or any stack height limitations developed pursuant to Section 123 of the Clean Air Act.
- B. A **process flow diagram** identifying all equipment used in the process, including the following:
1. Identify and describe each emission point.
 2. Identify the locations of safety valves, bypasses, and other such devices which when activated may release air pollutants to the atmosphere.
- C. A **facility location map**, drawn to a reasonable scale and showing the following:
1. The property involved and all structures on it. Identify property/fence lines plainly.
 2. Layout of the facility.
 3. Location and identification of the proposed emissions unit on the property.
 4. Location of the property and equipment with respect to streets and all adjacent property. Show the location of all structures within 100 meters of the applicant's emissions unit. Provide the building dimensions (height, length, and width) of all structures that have heights greater than 40% of the stack height of the emissions unit.
- D. Provide a description of any proposed modifications or permit revisions. Include any justification or supporting information for the proposed modifications or permit revisions.

Company Name: Pineridge Farms, Inc. File No.: 0507-01-CT
 Location: 87-1650 Paakea Road, Waianae, HI 96792
 (Make as many copies of this page as necessary) Page 1 of 1

EMISSIONS UNITS TABLE

Review of applications and issuance of permits will be expedited by supplying all necessary information on this table.

AIR POLLUTANT DATA			EMISSION POINTS			AIR POLLUTANT	AIR POLLUTANT EMISSION RATE		UTM Zone: Horizontal Datum		STACK SOURCE PARAMETERS					
Stack No.	Unit No.	Equipment Name/Description & SIC number	Equipment Date	Regulated/Hazardous Air Pollutant Name & CAS#	#/ HR	Tons/ YR	East	North	Stack Height (mtrs)	Direction (w/d/h)	Inside Diameter (mtrs)	Velocity (m/s)	Flow Rate (m ³ /s)	Temp. (°K)	Capped (Y/N)	
		500 TPH Powerscreen, Turbo Chieftain 1400, serial no. 6612673		No change			East	North								
							East	North								
							East	North								
							East	North								
							East	North								
							East	North								
							East	North								
							East	North								
							East	North								
							East	North								
							East	North								
							East	North								
							East	North								
							East	North								

Specify UTM Horizontal Datum as Old Hawaiian, NAD-83, or NAD-27
 Specify the direction of the stack exhaust as u = upward, d = downward, or h = horizontal

S-7: Application for a Minor Modification to a Covered Source

In providing the required information, reference the corresponding letters and numbers listed below.

Provide a minimum of **two (2)** sets (1 original and 1 copy) of all application materials to the Hawaii Department of Health. Also, mail **one (1)** set directly to EPA at the following address:

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

I. In accordance with Hawaii Administrative Rules (HAR) §11-60.1-103, the following information is required:

A. A clear description of all changes.

We are removing the Pegson Crusher, Pegson Tracked Impactor, and MK II power screen from this permit. These equipment pieces will not be in operation any more. The only equipment left under this permit will be the Powerscreener Turbo Chieftain 1400.

ORIGINAL:

- a. Crushing Plants (includes Crushing and Screening Plant):
 - 1. One (1) 195 TPH BL-Pegson Jaw Crusher, model Metro Trak, serial no. QM10381 with One (1) Caterpillar 160 HP diesel engine, model 3116TA, serial no. 2MR01700;
 - 2. One (1) 400 TPH BL-Pegson Tracked Impactor (42"x42") with Product Sizing Screen (11 x 5', 2-deck), model 4242 SR, serial no. QM017963 with One (1) Caterpillar 300 HP diesel engine, model C-9 DITA, serial no. CLJ03612;
 - 3. Various conveyors; and
 - 4. 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. 6612673;
 - 3. Various conveyors; and
 - 4. Waterspray systems.

CURRENT:

Screening Plants:

- 1. One (1) 500 TPH Powerscreen, Turbo Chieftain 1400, serial no. 6612673;
- 2. Various conveyors; and
- 3. Waterspray systems.

only →

B. A statement of why the modification is determined to be minor, and a request that minor modification procedures be used.

The removal of the Portable Screening Plant will not increase the emissions of any air pollutant. On the contrary, it reduces the emissions associated with this permit.

C. Cite and describe any new applicable requirements as defined in HAR §11-60.1-81 that will apply if the minor modification occurs.

We do not see any new regulatory requirements under HAR §11-60.1-81.

D. The suggested changes to permit terms or conditions.

None.

E. Certification by a responsible official that the proposed modification meets the criteria for minor modification.

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 the proposed modification meets the criteria for minor modification.

Responsible Official (PRINT): Georgette Silva, President

Responsible Official (Signature): *Georgette Silva*

F. All information submitted with the application for the Initial Covered Source Permit or any subsequent application for a Covered Source Permit. The owner or operator may reference information contained in a previous application submittal, provided such referenced information has been certified as being current and still applicable.

Please refer to our previous permit renewal.

G. Other information, as required by any applicable requirement or as requested and deemed necessary by the Director of Health (hereafter, Director) to make a decision on the application.

None.

II. Submit an application fee according to the Application Fee Schedule in the Instructions for Applying for an Air Pollution Control Permit.

Permit fee attached.

III. An application shall be determined to be complete only when all of the following have been complied with:

- A. All information required or requested in number I have been submitted.
- B. All documents requiring certification have been certified pursuant to HAR §11-60.1-4.
- C. All applicable fees have been submitted.
- D. The Director has certified that the application is complete.

IV. The Director shall not continue to act upon or consider an incomplete application.

- A. The applicant shall be notified in writing whether the application is complete. Unless the Director requests additional information or notifies the applicant of incompleteness within thirty days of receipt of an application, the application shall be deemed complete.
- B. During the processing of an application that has been determined or deemed complete, if the Director determines that additional information is necessary to evaluate or take final action on the application, the Director may request such information in writing and set a reasonable deadline for a response.

V. Within ninety days of receipt of a complete application for a minor modification, or upon program approval, within fifteen days after the end of the Administrator's forty-five-day review period, whichever is later, the Director in writing shall:

- A. Amend the permit to reflect the minor modification as proposed.
- B. Deny the minor modification.
- C. Determine that the requested modification does not meet the minor modification criteria, and should be reviewed under the significant modification procedures; or
- D. Upon program approval, amend the proposed permit and resubmit the amendment to EPA for reevaluation.

VI. An application for a minor modification to a covered source shall be approved only if the Director determines that the minor modification will be in compliance with all applicable requirements.

VII. The Director shall provide a statement that sets forth the legal and factual bases for the proposed permit conditions (including references to the applicable statutory or regulatory provisions) to EPA and any other person requesting it.

VIII. Each application and proposed permit reflecting the minor modification to a covered source shall be subject to EPA oversight in accordance with HAR §11-60.1-95.

C-1: Compliance Plan

The Responsible Official shall submit a Compliance Plan as indicated in the Instructions for Applying for an Air Pollution Control Permit and at such other times as requested by the Director of Health (hereafter, Director).

Use separate sheets of paper if necessary.

1. Compliance status with respect to all Applicable Requirements:

Will your facility be in compliance, or is your facility in compliance, with all applicable requirements in effect at the time of your permit application submittal?

YES (If YES, complete items a and c below)

NO (If NO, complete items a, b, and c below)

a. Identify all applicable requirement(s) for which compliance is achieved.

11-60.1-2 Prohibition of Air Pollution
11-60.1-32 Visible Emissions 11-60.1-33 Fugitive Dust
11-60.1-81, Subchapter 5, Covered Sources 11-60.1-91 Temporary Covered Source permits
40 CFR60, Subpart OOO, Standards of Performance for Nonmetallic Mineral Processing Plants

Provide a statement that the source is in compliance and will continue to comply with all such requirements.

The facility is currently in compliance and will continue to be in compliance with the requirements listed in item 1 a.

b. Identify all applicable requirement(s) for which compliance is NOT achieved.

N/A

Provide a detailed Schedule of Compliance Schedule and a description of how the source will achieve compliance with all such applicable requirements.

<u>Description of Remedial Action</u>	<u>Expected Date of Completion</u>
<u>N/A</u>	

- c. Identify any other applicable requirement(s) with a future compliance date that your source is subject to. These applicable requirements may take effect AFTER permit issuance:

<u>Applicable Requirement</u>	<u>Effective Date</u>	<u>Currently in Compliance?</u>
N/A		

If the source is not currently in compliance, provide a Schedule of Compliance and a description of how the source will achieve compliance with all such applicable requirements:

<u>Description of Proposed Action/Steps to Achieve Compliance</u>	<u>Expected Date of Achieving Compliance</u>
N/A	

Provide a statement that the source on a timely basis will meet all these applicable requirements:

N/A

If the expected date of achieving compliance will NOT meet the applicable requirement's effective date, provide a more detailed description of each remedial action and the expected date of completion:

<u>Description of Remedial Action and Explanation</u>	<u>Expected Date of Completion</u>
N/A	

2. Compliance Progress Reports:

- a. If a compliance plan is being submitted to remedy a violation, complete the following information:

Frequency of Submittal: N/A
(less than or equal to 6 months)

Beginning Date: _____

b. Date(s) that the Action described in (1)(b) was achieved:

<u>Remedial Action</u>	<u>Date Achieved</u>
N/A	

c. Narrative description of why any date(s) in (1)(b) was not met, and any preventive or corrective measures taken in the interim:

N/A

RESPONSIBLE OFFICIAL

(as defined in HAR §11-60.1-1)

Name (Last): Silva (First): Georgette (MI): _____
Title: President Phone: 847-6746
Mailing Address: 855 Umi Street
City: Honolulu State: HI Zip Code: 96819

Certification by Responsible Official

(pursuant to HAR §11-60.1-4)

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.

Name (Print/Type): Georgette Silva
(Signature): *Georgette Silva* Date: 02/22/16

Facility Name: Pineridge Farms, Inc.
Location: 855 Umi Street, Honolulu, Oahu
Permit Number: 0507-01-CT

FOR AGENCY USE ONLY
File/Application No.: _____
Island: _____
Date Received: _____