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File No. 0255

Mr. Leon Brasowski
Vice President, Environmental Permitting
Ogden Energy Group, Inc.
40 Lane Road
Fairfield, New Jersey 07007-2615

Dear Mr. Brasowski:

Subject: Permit Amendment
Covered Source Permit (CSP) No. 0255-01-C
Application for Minor Modification No. 0255-02
Honolulu Resource Recovery Venture (HRRV) or
Honolulu Program of Waste Energy Recovery (HPOWER)
Two (2) Municipal Waste Combustors (MWCs)
Located at 91-174 Hanua Street, Kapolei, Oahu
Date of Expiration: January 1, 2006

Pursuant to Hawaii Administrative Rules (HAR), Section 11-60.1-103 for a minor modification application, the Department of Health hereby amends the subject covered source permit. This amendment allows the opacity limit to match the State opacity requirements pursuant to HAR Section 11-60.1-32 and allows used cooking oil to be burned directly to the boilers' burners. The issuance of this amendment is based on the information that you submitted as part of your application dated October 30, 2003. A receipt for the application filing fee of \$200.00 is enclosed.

The following Special Condition No. C.2 in Attachment IIA, issued with CSP No. 0255-01-C dated January 3, 2001, is superseded as follows:

2. MWCs
 - a. The MWCs shall be fired only on RDF, fuel oil no. 2, specification (spec) used oil, used cooking oil, or any combination thereof, except for the Alternate Operating Scenarios listed in Attachment IIA, Special Condition No. C.2.i.

(Auth.: HAR §11-60.1-3, §11-60.1-90)

- b. The maximum firing rate of auxiliary fuel (fuel oil no. 2, spec used oil, and used cooking oil) per MWC shall not exceed 1,770 gallons per hour.

(Auth.: HAR §11-60.1-3, §11-60.1-90)

- c. The total auxiliary fuel (fuel oil no. 2, spec used oil, and used cooking oil) consumption of each MWC shall not exceed 1,738,500 gallons in any rolling twelve (12) month period.

(Auth.: HAR §11-60.1-3, §11-60.1-90)

The following Special Condition No. D.1.a in Attachment IIA, issued with amendment to CSP No. 0255-01-C dated December 21, 2001, is superseded as follows:

- a. For any six (6) minute averaging period, the MWCs shall not exhibit visible emissions greater than ten (10) percent, except during warm-up, start-up, shut-down, or malfunction periods.

During warm-up, start-up, shut-down, or malfunction periods, for any six (6) minute averaging period, the MWCs shall not exhibit visible emissions twenty (20) percent opacity or greater except as follows: during warm-up, start-up, shut-down, or malfunction periods the MWCs may exhibit visible emissions greater than twenty (20) percent opacity, but not exceeding sixty (60) percent opacity for a period aggregating not more than six (6) minutes in any sixty (60) minutes.

The following Special Condition Nos. E.14.a and b in Attachment IIA, issued with CSP No. 0255-01-C dated January 3, 2001, are superseded as follows:

14. Fuel Usage

- a. A non-resetting fuel meter (in gallons) shall be operated and maintained on each MWC for the continuous and permanent recording of the total fuel oil consumed. Each meter shall permanently record the total fuel oil consumed for the purpose of monitoring the fuel oil limitations specified in Attachment IIA, Special Condition Nos. C.2.b and c. The permittee shall periodically check the fuel meter for its accuracy and provide maintenance as necessary.

Spec used oil and used cooking oil consumption shall be calculated and recorded in gallons per hour and gallons per rolling twelve (12) month period for the purpose of monitoring the fuel oil limitations specified in Attachment IIA, Special Condition Nos. C.2.b and c.

- b. The following information shall be recorded for the fuel oil consumption meter reading for each MWC:

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- 1) Date of meter readings;
- 2) Beginning and ending meter readings for each hour;
- 3) Total fuel oil consumption for each hour;
- 4) Beginning and ending meter readings for each month;
- 5) Total fuel oil consumption for each month; and
- 6) Total fuel oil consumption on a rolling twelve (12) month basis.

The following Special Condition No. F.4.c.3) in Attachment IIA, issued with CSP No. 0255-01-C dated January 3, 2001, is superseded as follows:

- 3) The permittee shall report the monthly and rolling twelve (12) month total of fuel oil no. 2, spec used oil, and cooking oil consumed per MWC. The maximum hourly fuel consumption (per MWC) shall be noted in the comment column for each month. The enclosed *Monitoring Report Form: Auxiliary Fuel Consumption* shall be used (one form per MWC for the total fuel oil no. 2, spec used oil, and cooking oil consumption).

The *Monitoring Report Form: Fuel Oil Consumption* issued with CSP No. 0255-01-C dated January 3, 2001, is replaced with the enclosed *Monitoring Report Form: Auxiliary Fuel Consumption*.

All other permit conditions issued with CSP No. 0255-01-C, shall not be affected and shall remain valid.

If you have any questions, please call Mr. Corey Shibata of my staff at (808) 586-4200.

Sincerely,

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

CBS:lk

Enclosures

c: Mr. Robert Webster, HRRV
CAB Enforcement Section

**MONITORING REPORT FORM
AUXILIARY FUEL CONSUMPTION
COVERED SOURCE PERMIT NO. 0255-01-C**

AMENDED DATE: DATE

PERMIT EXPIRATION DATE: January 1, 2006

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

Fill out one (1) form for each MWC.

(Make Copies for Future Use)

For Period: _____ Date: _____

Facility Name: _____

Equipment Location: _____

Equipment Description: _____

Equipment Capacity/Rating (specify units): _____
(Units such as Horsepower, kilowatt, tons/hour, etc.)

Serial/ID No.: _____

Type of Fuels: _____

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

Responsible Official (PRINT): _____

TITLE: _____

Responsible Official (Signature): _____

MONTH	MONTHLY FUEL CONSUMPTION (gallons)	12-MO. ROLLING BASIS (gallons)	NOTES (including max. hourly consumption)
January			
February			
March			
April			
May			
June			
July			
August			
September			
October			
November			
December			