From: Storey, Brian
To: McWade, Tammy
Subject: RE: Medley Landfill Title V Renewal, Facility ID No. 0250615
Date: Friday, December 20, 2013 9:53:14 AM

The pre-2005 engine is an existing unit at an area source of HAPs. It would qualify as an emergency use CI RICE at an area source.

From the Section 63.6590

(a)(1) *Existing stationary RICE.*

(i) For stationary RICE with a site rating of more than 500 brake horsepower (HP) located at a major source of HAP emissions, a stationary RICE is existing if you commenced construction or reconstruction of the stationary RICE before December 19, 2002.

(ii) For stationary RICE with a site rating of less than or equal to 500 brake HP located at a major source of HAP emissions, a stationary RICE is existing if you commenced construction or reconstruction of the stationary RICE before June 12, 2006.

(iii) For stationary RICE located at an area source of HAP emissions, a stationary RICE is existing if you commenced construction or reconstruction of the stationary RICE before June 12, 2006.

(iv) A change in ownership of an existing stationary RICE does not make that stationary RICE a new or reconstructed stationary RICE.

§63.6603 What emission limitations, operating limitations, and other requirements must I meet if I own or operate an existing stationary RICE located at an area source of HAP emissions?

Compliance with the numerical emission limitations established in this subpart is based on the results of testing the average of three 1-hour runs using the testing requirements and procedures in §63.6620 and Table 4 to this subpart.

(a) If you own or operate an existing stationary RICE located at an area source of HAP emissions, you must comply with the requirements in Table 2d to this subpart and the operating limitations in Table 2b to this subpart that apply to you.

From Table 4d

4. Emergency stationary CI RICE and black start stationary CI RICE.[2]	a. Change oil and filter every 500 hours of operation or annually, whichever comes first;[1]
	b. Inspect air cleaner every 1,000 hours of operation or annually, whichever comes first, and replace as necessary; and
	c. Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.

Table 2b – not applicable

Hope this helps,
Brian

From: McWade, Tammy [mailto:Tammy.McWade@dep.state.fl.us]
Sent: Thursday, December 19, 2013 4:35 PM
To: Storey, Brian
Subject: RE: Medley Landfill Title V Renewal, Facility ID No. 0250615

Hi Brian,

I need the following information on the pre-2005 emergency CI engine:

NESHAP Subpart ZZZZ of 40 CFR 63 requirements:

§63.6590 What parts of my plant does this subpart cover?

(a)(2) *New stationary RICE.* (i) A stationary RICE with a site rating of more than 500 brake HP located at a major source of HAP emissions is new if you commenced construction of the stationary RICE on or after December 19, 2002.

(b) Stationary RICE subject to ***limited requirements****.* (1) An affected source which meets either of the criteria in paragraphs (b)(1)(i) through (ii) of this section does not have to meet the requirements of this subpart and of subpart A of this part except for the initial notification requirements of §63.6645(f).

(i) The stationary RICE is a new or reconstructed emergency stationary RICE with a site rating of more than 500 brake HP located at a major source of HAP emissions that **does not operate or is not contractually obligated to be available for more than 15 hours per calendar year for the purposes specified in §63.6640(f)(2)(ii) and (iii).**

(ii) The stationary RICE is a new or reconstructed **limited use** stationary RICE with a site rating of more than 500 brake HP located at a major source of HAP emissions.

Thank you,

Tammy

Tammy T. McWade
Engineer Specialist III
Florida Department of Environmental Protection
Division of Air Resource Management (DARM)
Office of Permitting and Compliance (OPC)
Phone: 850/717-9086
GIC: 59586

From: Storey, Brian [mailto:Brian_Storey@golder.com]
Sent: Thursday, December 19, 2013 8:23 AM
To: McWade, Tammy
Cc: Jim Christiansen (WMI); David Thorley, PE (WMI)
Subject: Medley Landfill Title V Renewal, Facility ID No. 0250615

Tammy:

Here are the specifications for the two emergency generator RICE at the landfill.

Engine Location	Flare Station	Leachate Collection Building
Engine Use	Emergency	Emergency
Fuel	Diesel	Diesel
Engine Manufacturer	Detroit Diesel	Caterpillar
Estimated Manufacturer Date	June 2006	Pre-2005

Engine Model No.	4M4021	D-343
Brake horsepower (bhp)	635 (maximum)	550 (maximum)
Cylinder Displacement (L)	14.0	14.6
No. of Cylinders	6	6
Cylinder Displacement per Cylinder (L/cyl)	2.33	2.43

Please send me an email that you have received this information for my project files.

This should be the information you need for the NESHAP applicability. Let me know if you have any questions,
Best regards,

Brian Storey, P.E. | Senior Project Engineer | **Golder Associates Inc.**
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