



Florida Department of Environmental Protection

Bob Martinez Center
2600 Blair Stone Road, MS #5505
Tallahassee, Florida 32399-2400

Charlie Crist
Governor

Jeff Kottkamp
Lt. Governor

Michael W. Sole
Secretary

February 8, 2007

(Sent by Electronic Mail - Received Receipt Requested)

Mr. Glenn Ogborn, Interim Solid Waste Director
Bay County Solid Waste Department
11411 Landfill Road
West Bay, Florida 32413

RE: Request for Trial Burn of a Segregated Bulk Waste Material (Glycerin)
Bay County Resource Recovery Facility
Title V Air Operation Permit No. 0050031-010-AV

Dear Mr. Ogborn:

We received and reviewed your letter dated February 7, 2007. The plant requests a trial period to burn glycerin in the existing municipal waste combustor (MWC). The glycerin is a byproduct from the bio-diesel manufacturing process. Control equipment for each MWC includes a spray dryer absorber, activated carbon injection and a baghouse. For the trial period:

- The glycerin supplier will provide 16 totes containing 275 gallons of glycerin per tote for a total of approximately 4400 gallons.
- The totes will be stored and used in the Incline Building, which is separate from the Refuse Building. The totes will be stored within a heated container to ensure that the glycerin remains in a liquid state at all times.
- A positive displacement pump will be used to transfer glycerin from a tote to the waste feed chute. The preliminary plan is to apply glycerin directly on the waste feed chutes at varying rates over a series of trial burn runs.
- When empty, the glycerin supplier will collect the totes for reuse. The plant will not dispose of the totes or conduct any cleaning on site.

As described above, the Department approves the proposed trial period subject to the following provisions:

1. Authorization to conduct the trial burns expires on June 1, 2007 or 30 days after beginning the first trial burn, whichever occurs first.
2. Notifications, schedules and reports shall be submitted to the Department's Northwest District Office and the Bureau of Air Regulation.
3. At least 15 days prior to beginning the first trial burn, submit a schedule for conducting each trial burn. Notifications may be made by letter, fax, email or phone call. As necessary, provide any updates to the schedule. Based on its availability and schedule, the Department's Northwest District Office may waive this 15 day advance notice.
4. During the trial period, comply with all specific conditions of the current Title V air operation permit. The trial burn shall cease as soon as possible if the plant is unable to comply with any of the Title V permit

Mr. Glenn Ogborn

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February 8, 2007

conditions due to the trial burn.

5. During the trial burns, monitor the glycerin feed rate gallons per hour. Calculate and record the glycerin feed rate in terms of percent by weight of the total waste charging rate. The glycerin feed rate shall not exceed 5% by weight of the total waste feed rate to the MWC. (Preliminary estimate is a maximum feed rate of approximately 96 gallons per hour based on a glycerin density of 10.5 lb/gallon.)
6. Using the existing equipment, continuously monitor the following operational parameters during the trial burns: carbon monoxide emissions, nitrogen oxides emissions, oxygen content, opacity, steam production, furnace exit gas temperature, furnace exit gas temperature at the top of the particulate matter control device (baghouse), and the waste charging rate.
7. Within 30 days of completing the last trial burn, submit a report summarizing the following for each trial burn: carbon monoxide emissions, nitrogen oxides emissions, oxygen content, opacity, steam production, furnace exit gas temperature, furnace exit gas temperature at the top of the particulate matter control device (baghouse), waste charging rate, and the glycerin feed rate in terms of gph and percent by weight of the total waste charging rate. For comparison, provide the permitted and actual rates for each of these terms in the report. Based on the data collected, provide a conclusion as to the impact of adding glycerin to the waste feed at this plant.

If you have any questions regarding this matter, please contact Mr. Bruce Mitchell at 850/413-9198 or me at 850/921-9536.

Sincerely,



Trina Vielhauer, Chief
Bureau of Air Regulation

TV/jfk

This letter was sent to the following people by electronic mail with a read receipt requested.

Mr. Glenn Ogborn, Bay County Solid Waste Authority (gogborn@co.bay.fl.us)

Mr. Jerome Barthelemy, Montenay Bay, LLC (jbarthelemy@montenaybay.com and Bart.Barthelemy@veoliaes.com)

Mr. Armando Sarasua, NWD Office (Armando.Sarasua@dep.state.fl.us)

Mr. Richard Brookins, NWD Office (Richard.Brookins@dep.state.fl.us)

Friday, Barbara

To: gogborn@co.bay.fl.us; jbarthelemy@montenaybay.com; Bart.Barthelemy@veoliaes.com; Sarasua, Armando; Brookins, Richard

Cc: Mitchell, Bruce; Koerner, Jeff

Attachments: 0050031-010-AV - Bay County Resource Recovery Facility.pdf

Dear Sir/Madam:

Please send a "reply" message verifying receipt of the attached document(s); this may be done by selecting "Reply" on the menu bar of your e-mail software and then selecting "Send". We must receive verification of receipt and your reply will preclude subsequent e-mail transmissions to verify receipt of the document(s).

The document(s) may require immediate action within a specified time frame. Please open and review the document(s) as soon as possible.

The document is in Adobe Portable Document Format (pdf). Adobe Acrobat Reader can be downloaded for free at the following internet site: <http://www.adobe.com/products/acrobat/readstep.html>.

The Bureau of Air Regulation is issuing electronic documents for permits, notices and other correspondence in lieu of hard copies through the United States Postal System, to provide greater service to the applicant and the engineering community. Please advise this office of any changes to your e-mail address or that of the Engineer-of-Record.

Thank you,

DEP, Bureau of Air Regulation

2/9/2007

Friday, Barbara

From: System Administrator
To: Sarasua, Armando
Sent: Friday, February 09, 2007 9:55 AM
Subject: Delivered:Delivery Status Notification (Success)

Your message

To: 'gogborn@co.bay.fl.us'; 'jbarthelemy@montenaybay.com'; 'Bart.Barthelemy@veoliaes.com'; Sarasua, Armando; Brookins, Richard
Cc: Mitchell, Bruce; Koerner, Jeff
Subject:
Sent: 2/9/2007 9:55 AM

was delivered to the following recipient(s):

Sarasua, Armando on 2/9/2007 9:55 AM

Friday, Barbara

From: System Administrator
To: Koerner, Jeff; Brookins, Richard; Mitchell, Bruce
Sent: Friday, February 09, 2007 9:55 AM
Subject: Delivered:Delivery Status Notification (Success)

Your message

To: 'gogborn@co.bay.fl.us'; 'jbarthelemy@montenaybay.com'; 'Bart.Barthelemy@veoliaes.com'; Sarasua, Armando; Brookins, Richard
Cc: Mitchell, Bruce; Koerner, Jeff
Subject:
Sent: 2/9/2007 9:55 AM

was delivered to the following recipient(s):

Koerner, Jeff on 2/9/2007 9:55 AM
Brookins, Richard on 2/9/2007 9:55 AM
Mitchell, Bruce on 2/9/2007 9:55 AM

Friday, Barbara

From: Exchange Administrator
Sent: Friday, February 09, 2007 9:55 AM
To: Friday, Barbara
Subject: Delivery Status Notification (Relay)

Attachments: ATT261961.txt; Untitled Attachment



ATT261961.txt Untitled Attachment
(294 B)

This is an automatically generated Delivery Status Notification.

Your message has been successfully relayed to the following recipients, but the requested delivery status notifications may not be generated by the destination.

Bart.Barthelemy@veoliaes.com

Friday, Barbara

From: Bart.Barthelemy@veoliaes.com
Sent: Friday, February 09, 2007 10:01 AM
To: Friday, Barbara
Cc: Jerry.Gross@veoliaes.com
Subject: Re:
Attachments: 0050031-010-AV - Bay County Resource Recovery Facility.pdf

This email is a reply stating we received your email and the attached letter concerning our Glycerin Test Burn.

V/R,

Bart
 aka Jerome Barthelemy
 Environmental, Health and Safety Manager
 Montenay Bay LLC
 Email: bart.barthelemy@veoliaes.com
 Office: 850-785-7933 ext. 206
 Mobile: 850-596-0122

This e-mail message from Veolia ES Waste-to-Energy, Inc. is for the sole use of the intended recipient(s) and may contain confidential and privileged information. Any unauthorized review, use, disclosure or distribution is prohibited. If you are not the intended recipient, please communicate with the sender by reply e-mail and destroy all copies of the original message and delete same from all computers.

"Friday, Barbara" <Barbara.Friday@dep.state.fl.us>

02/09/2007 08:55 AM

To <gogborn@co.bay.fl.us>, <jbarthelemy@montenaybay.com>, <Bart.Barthelemy@veoliaes.com>, "Sarasua, Armando" <Armando.Sarasua@dep.state.fl.us>, "Brookins, Richard" <Richard.Brookins@dep.state.fl.us>
 cc "Mitchell, Bruce" <Bruce.Mitchell@dep.state.fl.us>, "Koerner, Jeff" <Jeff.Koerner@dep.state.fl.us>

Subject

Dear Sir/Madam:

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2/9/2007

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Thank you,
DEP, Bureau of Air Regulation

Friday, Barbara

From: Exchange Administrator
Sent: Friday, February 09, 2007 9:56 AM
To: Friday, Barbara
Subject: Delivery Status Notification (Relay)

Attachments: ATT261963.txt; Untitled Attachment



ATT261963.txt Untitled Attachment
(293 B)

This is an automatically generated Delivery Status Notification.

Your message has been successfully relayed to the following recipients, but the requested delivery status notifications may not be generated by the destination.

jbarthelemy@montenaybay.com

Friday, Barbara

From: System Administrator
To: gogborn@co.bay.fl.us
Sent: Friday, February 09, 2007 9:56 AM
Subject: Delivered: Delivery report:

Your message

To: gogborn@co.bay.fl.us; jbarthelemy@montenaybay.com; Bart.Barthelemy@veoliaes.com; Sarasua, Armando; Brookins, Richard
Cc: Mitchell, Bruce; Koerner, Jeff
Subject:
Sent: 2/9/2007 9:55 AM

was delivered to the following recipient(s):

gogborn@co.bay.fl.us on 2/9/2007 9:55 AM

Friday, Barbara

From: Brookins, Richard
Sent: Friday, February 09, 2007 10:03 AM
To: Friday, Barbara
Subject: RE:

From: Friday, Barbara
Sent: Friday, February 09, 2007 8:55 AM
To: 'gogborn@co.bay.fl.us'; 'jbarthelemy@montenaybay.com'; 'Bart.Barthelemy@veoliaes.com'; Sarasua, Armando; Brookins, Richard
Cc: Mitchell, Bruce; Koerner, Jeff
Subject:

Dear Sir/Madam:

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Thank you,

DEP, Bureau of Air Regulation

Friday, Barbara

From: gogborn@co.bay.fl.us
To: Friday, Barbara
Sent: Friday, February 09, 2007 2:39 PM
Subject: Return Receipt (displayed) -

Your message

To: gogborn@co.bay.fl.us; jbarthelemy@montenaybay.com; Bart.Barthelemy@veoliaes.com; Sarasua, Armando; Brookins, Richard
Cc: Mitchell, Bruce; Koerner, Jeff
Subject:
Sent: 2/9/2007 9:55 AM

was read on 2/9/2007 2:39 PM.