From: Nicholas Campanella
To: Lancey, Susan
Cc: Nicholas Campanella; Bird, Patrick; McCarthy, Elizabeth; Kudarauskas, Elizabeth A.
Subject: Re: Technotherm Pyrolysis System Part 1
Date: Tuesday, March 31, 2020 1:31:52 PM
Attachments: PTE Emmissions statement.pptx

Two of two

Have a great day

On Tue, Mar 31, 2020 at 1:30 PM Nicholas Campanella <medrecycler@gmail.com> wrote:

> One of two
>
> On Tue, Mar 31, 2020 at 1:27 PM Lancey, Susan <lancey.susan@epa.gov> wrote:
>
>> Mr. Campanella,
>>
>> Thank you for your message. The attachment did not come through on this end. It looks like it may have been a zip file. I think we have the information we need for now, but if you would like to send us additional information, I suggest you scan it and send it as a pdf document. Thanks again,
>>
>> Susan Lancey
>>
>> U.S. EPA New England
>>
>> 5 Post Office Square
>>
>> Suite 100 (Mail Code: 05-2)
>>
>> Boston, MA 02109
>>
>> Phone: (617) 918-1656
>>
>> **From:** Nicholas Campanella <nick@sunpacificpower.com>
>> **Sent:** Tuesday, March 31, 2020 1:07 PM
>> **To:** Lancey, Susan <lancey.susan@epa.gov>
>> **Cc:** Bird, Patrick <Bird.Patrick@epa.gov>; Nicholas B Campanella <nick@medrecycler.com>; McCarthy, Elizabeth <McCarthy.Liz@epa.gov>; Kudarauskas, Elizabeth A. <Kudarauskas.Beth@epa.gov>
>> **Subject:** Re: Technotherm Pyrolysis System Part 1
>>
>> Mrs Lancey
>>
>> The document provided is including the actual read out from the Cem's (Continuous Emissions Monitoring) unit shows the actual emissions. You can review for more clarity explaining and confirming the system is truly a pyrolysis system.
>>
>> On Wed, Mar 25, 2020 at 11:05 AM Lancey, Susan <lancey.susan@epa.gov> wrote:
>>
>>> Mr. Campanella,

Thank you for your message and for your well wishes. We will review this information and let you know if we have any further questions. Thanks again,

Susan Lancey

U.S. EPA New England

5 Post Office Square

Suite 100 (Mail Code: 05-2)

Boston, MA 02109

Phone: (617) 918-1656

From: Nicholas Campanella <nick@sunpacificpower.com>
Sent: Wednesday, March 25, 2020 10:34 AM
To: Lancey, Susan <lancey.susan@epa.gov>
Cc: Bird, Patrick <Bird.Patrick@epa.gov>; Nicholas B Campanella <nick@medrecycler.com>; McCarthy, Elizabeth <McCarthy.Liz@epa.gov>; Kudarauskas, Elizabeth A. <Kudarauskas.Beth@epa.gov>; Nicholas Campanella <nick@sunpacificpower.com>
Subject: Re: Technotherm Pyrolysis System Part 1

Mrs Lancey

Hope all is well with everyone and you are staying safe in this tragic situation, please find responses requested by your team from our manufacturer and engineers. If you have any questions please feel free to contact me and you also had a chance to review what we had sent before from New York State approval of the same equipment that was permitted at that facility in Schenectady NY. If needed we can also arrange i live Zoom call to review process and answer any further questions if they arise.

On Mon, Mar 23, 2020 at 12:06 PM Lancey, Susan <lancey.susan@epa.gov> wrote:

> Mr. Campanella,
>
> We have reviewed the materials you sent us and we have some questions about the vitrification furnace. Could you please let us know the answers to these questions?
>
> 1) What happens to the tar when it enters the vitrifier?
>
> 2) Why is this unit called a vitrifier? Could you explain in detail how this process operates, its purpose, and any by-products it makes and what is done with any by-products?
>
> 3) How integral is the vitrifier to the pyrolysis unit in terms of the overall process?
>
> 4) Are there any traditional fuels combusted in the vitrifier?
>
> Thank you,

Susan Lancey

U.S. EPA New England

5 Post Office Square

Suite 100 (Mail Code: 05-2)

Boston, MA 02109

Phone: (617) 918-1656

From: Nicholas Campanella <nick@sunpacificpower.com>
Sent: Tuesday, March 17, 2020 9:37 AM
To: Bird, Patrick <Bird.Patrick@epa.gov>; Lancey, Susan <lancey.susan@epa.gov>
Cc: Nicholas Campanella <nick@sunpacificpower.com>; Nicholas B Campanella <nick@medrecycler.com>
Subject: Fwd: Technotherm Pyrolysis System Part 1

Dear Mr Bird

As a follow up to my previous email I am providing additional documentation for your review to hopefully assist in your research.

Technotherm Inc., is the supplier of the Pyrolysis System to be used in West Warwick, RI., Medical Waste Processing Facility. Medrecycler-RI would like to demonstrate to you that the Technotherm's system is truly Pyrolysis. Therefore, I am sending this email with attachments that will provide information showing that Technotherm, Inc., is providing a Pyrolysis System for the West Warwick, RI facility.

DOCUMENT: 2019.11.08 BPS Schdy ASF Permit.pdf

This document shows a Pyrolysis system manufactured by Technotherm, Inc., is classified as Pyrolysis by the New York State Department of Environmental Conservation, Air State Facility Permit DEC # 4-4215-00026/00005 for Schenectady BIOWASTE PYROLYSIS PLANT located at 300 Anthony Street, City of Schenectady, Schenectady County.

DOCUMENT: POS-BPS Permit Transmittal2

This document is a letter from Raymond Porter, of Porter Odor Science LLC; who sent the Transmittal of the State Air Permit for the Pyrolysis Facility in Schenectady, NY: Document 2019.11.08 BPS Schdy ASF Permit.pdf as shown above.

DOCUMENT: Comparison between 1127 and 1131 and DOCUMENT: Comparison of projects 1127 and 1131.

Project 1127 (Schenectady, NY) aims to process wastewater biosolids (sewerage sludge) whereas project 1131 (West Warwick, RI) aims to process medical waste. Both projects will utilise the same pyrolysis systems supplied by Technotherm Inc.

DOCUMENT: PCMIN-MEDRECYCLE (18)-draft-comments

This document is the State of Rhode Island and Providence Plantations Department of Environmental Management, Office of Air Resources, review and approval of Medrecycler-RI, Inc., Minor Source Permit for the West Warwick, RI Facility.

Sincerely,

Nicholas Campanella

Mobile: 732-580-1021

nick@sunpacificpower.com

Twitter-SunPacificPower

Skype-Nicholas.B.Campanella

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Sun Pacific Power Corp.

Building A Brighter Future

Nicholas B Campanella

Nicholas B Campanella Chairman & CEO

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