

August 25, 2022

Mr. David Dech, PP
Warren County Planning Board
165 County Route 519 South
Belvidere, New Jersey 07823-1949

RE: Additional Information for Vivaria SWAC Application

Dear Mr. Dech,

I have enclosed five copies of the following items for your use at the SWAC meeting of September 1, 2022:

1. Copies of the return receipts providing proof of delivery to all parties as required.
2. Copies of the advertisement Affidavits for both publications as required.
3. A copy of our response from the Fire Official with regard to his ability to review the fire control plan.

Please provide these items to the members of SWAC for inclusion with their binder.

Thank you for your assistance in this matter.

Very truly yours,

Wayne D. DeFeo, LEED AP, BD&C
Principal

Cc Christina Pio Costa Lahue (w/enclosures)

RECIPIENT: COMPLETE THIS SECTION

Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits.

Article Addressed to:

*Anna Coy Health Dept
520 Oxford Road
xford, NJ 08813*
9590 9402 7377 2028 0115 52

Form 3811, July 2020 PSN 7530-02-000-9053

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Article Addressed to:

*David Dech RR
165 County Rd. 579 South
Bridgewater NJ 08833-1919*
9590 9402 7377 2028 0115 69

Form 3811, July 2020 PSN 7530-02-000-9053

COMPLETE THIS SECTION ON DELIVERY

A. Signature *M. J. Matthews* Agent Addressee
B. Received by (Printed Name) *M. J. Matthews* C. Date of Delivery *8/9/22*
D. Is delivery address different from item 1? Yes No
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Domestic Return Receipt

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B. Received by (Printed Name) C. Date of Delivery
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Article Addressed to:

*Mr. Robert Towel
Training of Musicians
100 Port Murray Rd
Port Murray NJ 08855*
9590 9402 7377 2028 0115 76

Form 3811, July 2020 PSN 7530-02-000-9053

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Article Addressed to:

*David Dech RR
165 County Rd. 579 South
Bridgewater NJ 08833-1919*
9590 9402 7377 2028 0115 38

Form 3811, July 2020 PSN 7530-02-000-9053

COMPLETE THIS SECTION ON DELIVERY

A. Signature *[Signature]* Agent Addressee
B. Received by (Printed Name) C. Date of Delivery *8/19/22*
D. Is delivery address different from item 1? Yes No
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Domestic Return Receipt

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9402 7377 2028 0115 52

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1 Service

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15 Washington Valley Rd
Warren NJ 07055*



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15 Washington Valley Rd
Warren, NJ 07055*



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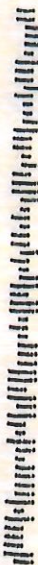
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*Dale Associates
15 Washington Valley Rd
Warren, NJ 07055*



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1. Article Addressed to:

*Marisa Orlando, Clerk
100 Post Murray Road
Post Murray NJ 07865*

9590 9402 7377 2028 0115 83



2. 1

EI 428 436 026 US

PS Form 3811, July 2020 PSN 7530-02-UU-9435

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A. Signature Signature Agent
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8/9/22

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 - Signature Confirmation™
 - Signature Confirmation Restricted Delivery

Domestic Return Receipt



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15 Washington Valley Rd
Morran NJ 08059*



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 Iselin, NJ 08830



Star Ledger

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 WARREN, NJ 07059

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Page 1 of 2

Date	Position	Description	P.O. Number	Costs
08/16/2022	Notices NJ	PUBLIC NOTICE WARREN COUNTY SOLID WASTE ADVISORY COUNCIL	Vivaria Ecologics, LLC	

Ad Size

1 x 80 L

Affidavit Fee - 08/16/2022	\$90.00
Basic Ad Charge - 08/16/2022	\$93.60
Total	\$183.60

CLAIMANTS CERTIFICATION AND DECLARATION	
<p>I do solemnly declare and certify under the penalties of law that this bill or invoice is correct in all its particulars, that the goods have been furnished or services have been rendered as stated herein, that no bonus has been given or received by any person or persons within the knowledge of this claimant in connection with the above claim, that the amount herein stated is justly due and owing, and that the amount charged is a reasonable one.</p>	
Date: <u>8/17/2022</u>	Fed ID#: <u>13-4123607</u>
Signature: <u>Chris Tighe</u>	Official Position: <u>AR Manager</u>
CERTIFICATION BY RECEIVING AGENCY	CERTIFICATION BY APPROVAL OFFICIAL
<p>I, having knowledge of the facts, certify and declare that the goods have been received or the services rendered and are in compliance with the specifications or other requirements, and said certification is based on signed delivery slips or other reasonable procedures or verifiable information.</p>	<p>I certify and declare that this bill or invoice is correct, and that sufficient funds are available to satisfy this claim. The Payment shall be chargeable to:</p>
Signature: _____	Appropriation Account(s) and Amounts Charged: _____ P.O.#: _____
Date: _____	Signature: _____

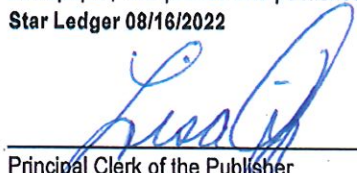
THIS FORM APPROVED FOR USE BY LOCAL GOVERNMENTS BY THE LOCAL FINANCE BOARD



State of New Jersey,) ss
County of Middlesex)

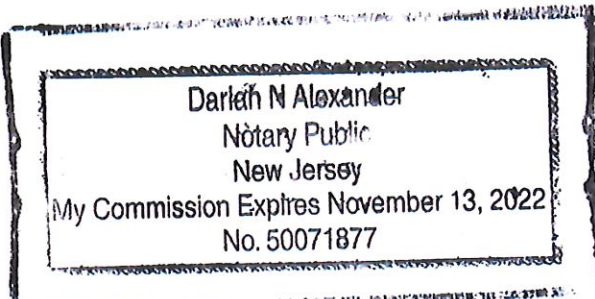
Lisa Arrington being duly sworn, deposes that he/she is principal clerk of NJ Advance Media; that Star Ledger is a public newspaper, with general circulation in Atlantic, Burlington, Cape May, Essex, Hudson, Hunterdon, Mercer, Middlesex, Monmouth, Morris, Ocean, Passaic, Somerset, Sussex, Union, and Warren Counties, and this notice is an accurate and true copy of this notice as printed in said newspaper, was printed and published in the regular edition and issue of said newspaper on the following date(s):

Star Ledger 08/16/2022


Principal Clerk of the Publisher

Sworn to and subscribed before me this 17th day of August 2022


Notary Public



PUBLIC NOTICE

Friday 8:00 am to 4:00 pm.

WARREN COUNTY SOLID WASTE ADVISORY COUNCIL MEETING, SEPTEMBER 1, 2022, 7:30 PM

Wayne Dumont Jr. Administration Building, 165 CR 519 Belvidere NJ 07823

1. Vivaria Ecologics, LLC (Applicant) has applied for inclusion into the Warren County Solid Waste Management Plan. It is the intention of the Applicant to file a permit application with the New Jersey Department of Environmental Protection upon approval of said Plan Inclusion.

2. The Project shall be known as the Vivaria Ecologics Compost Facility. The Owner is Vivaria Ecologics, LLC. The facility will be a food waste composting operation generating high quality finished compost. As proposed the facility will have a maximum permitted throughput of 50,000 tons per year. Truck routes to the facility will travel NJ 57, to Airport Road, to Rockport Road (CR 626) to Blau Road. Hours of operation will be Monday through

3. This Facility will be located on Blau Road, Block 1204, Lot 24 in Mansfield Township.

4. A complete copy of the Application may be examined by scheduling an appointment with County Solid Waste Coordinator, through email at planningdept@co.warren.nj.us or by telephone at 908-475-6532. In addition, the application will be posted on the Warren County website at <https://www.warrencountynj.gov> under Solid Waste Advisory Council. It will be available at the Mansfield Township Municipal Clerk's office

5. Comments regarding the application can be made at the meeting of the Solid Waste Advisory Council that the application is scheduled to be heard, or submitted in writing to the office of the County Solid Waste Coordinator at Warren County Planning Department, Wayne Dumont Jr. Administration Building, 165 CR 519, Belvidere NJ 07823 or via email at planningdept@co.warren.nj.us. 8/16/22 \$93.60

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Express Times

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Date	Position	Description	P.O. Number	Costs
08/13/2022	Public Meetings NJ	PUBLIC NOTICE WARREN COUNTY SOLID WASTE ADVISORY COUNCIL		

Ad Size
 1 x 54 L

Affidavit Fee - 08/13/2022 \$5.00
 Basic Ad Charge - 08/13/2022 \$243.30
 Total \$248.30

Paid

CLAIMANTS CERTIFICATION AND DECLARATION	
I do solemnly declare and certify under the penalties of law that this bill or invoice is correct in all its particulars, that the goods have been furnished or services have been rendered as stated herein, that no bonus has been given or received by any person or persons within the knowledge of this claimant in connection with the above claim, that the amount herein stated is justly due and owing, and that the amount charged is a reasonable one.	
Date: <u>8/17/2022</u>	Fed ID#: <u>13-4123607</u>
Signature: <u>Chris Tighe</u>	Official Position: <u>AR Manager</u>
CERTIFICATION BY RECEIVING AGENCY	CERTIFICATION BY APPROVAL OFFICIAL
I, having knowledge of the facts, certify and declare that the goods have been received or the services rendered and are in compliance with the specifications or other requirements, and said certification is based on signed delivery slips or other reasonable procedures or verifiable information.	I certify and declare that this bill or invoice is correct, and that sufficient funds are available to satisfy this claim. The Payment shall be chargeable to:
Signature: _____	Appropriation Account(s) and Amounts Charged: _____ P.O.#: _____
Title: _____ Date: _____	Signature: _____



State of Pennsylvania,) ss
County of Northampton)

Susan Myers being duly sworn, deposes that he/she is principal clerk of NJ Advance Media; that Express Times is a public newspaper, with general circulation in Lehigh and Northampton Counties, and this notice is an accurate and true copy of this notice as printed in said newspaper, was printed and published in the regular edition and issue of said newspaper on the following date(s):

Express Times 08/13/2022

Principal Clerk of the Publisher

Sworn to and subscribed before me this 17th day of August 2022

Notary Public

Commonwealth of Pennsylvania - Notary Seal
Jeanette Kryzmalshi, Notary Public
Northampton County
My commission expires June 17, 2025
Commission number 1398723
Member, Pennsylvania Association of Notaries

PUBLIC NOTICE
WARREN COUNTY SOLID WASTE ADVISORY COUNCIL MEETING, SEPTEMBER 1, 2022, 7:30 PM
Wayne Dumont Jr. Administration Building, 165 CR 519 Belvidere NJ 07823

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2. The Project shall be known as the Vivaria Ecologics Compost Facility. The Owner is Vivaria Ecologics, LLC. The facility will be a food waste composting operation generating high quality finished compost. As proposed the facility will have a maximum permitted throughput of 50,000 tons per year. Truck routes to the facility will travel NJ 57, to Airport Road, to Rockport Road (CR 626) to Blau Road. Hours of operation will be Monday through Friday 8:00 am to 4:00 pm.
3. This Facility will be located on Blau Road, Block 1204, Lot 24 in Mansfield Township.
4. A complete copy of the Application may be examined by scheduling an appointment with County Solid Waste Coordinator, through email at planningdept@co.warren.nj.us or by telephone at 908-475-6532. In addition, the application will be posted on the Warren County website at <https://www.warrencountynj.gov> under Solid Waste Advisory Council. It will be available at the Mansfield Township Municipal Clerk's office
5. Comments regarding the application can be made at the meeting of the Solid Waste Advisory Council that the application is scheduled to be heard, or submitted in writing to the office of the County Solid Waste Coordinator at Warren County Planning Department, Wayne Dumont Jr. Administration Building, 165 CR 519, Belvidere NJ 07823 or via email at planningdept@co.warren.nj.us.

RE: [External] Fire Control Plan for Vivaria Composting Project.

Matt Lopez <mlopez@wtmorris.net>

Good morning Matt,

In short no. DEP will not even begin to review a permit application until the project has been approved by SWAC and the Commissioners.

Wayne

On August 10, 2022 8:45 AM Matt Lopez <mlopez@wtmorris.net> wrote:

Wayne,

I would like to confirm that DEP has approved the site plan for this property? Reading the below information it seems I can only review and approve it once the site plan has been approved.

Matt Lopez
Fire Marshal/ OEM Coordinator
Washington Township
3 Schooley's Mountain Road
Long Valley, NJ 07853
Direct: 908-876-8637
Main: 908-876-3315
Fax: 908-876-5082

Washington Township (Morris County) Fire Prevention Bureau also serves as the LEA for the Borough of Washington, Mansfield Twp, and Independence Twp of Warren County

From: wdefeo defeoassociates.com <wdefeo@defeoassociates.com>
Sent: Tuesday, August 9, 2022 11:22 AM
To: mlopez@wtmorris.net
Subject: [External] Fire Control Plan for Vivaria Composting Project.

Good morning Matt,

Thank you for taking the time to speak with me yesterday. As we discussed, one of the requirements for Vivaria's application to the SWAC is that we obtain an approval of a fire control plan.

I understand that since we have no buildings in place, or a final design, that you have a limited ability to review anything before you and that the usual procedure is to get a site plan and final building approval for a C.O. However, we are seeking a preliminary approval for the fire control plan with regard to compost operations.

In my experience, it is common for compost operations to utilize a fire control plan that minimizes exposure to ignit' sources, keeps potential combustable sources within state guidelines and maximizes staff training.

This facility is designed as an aerated static pile operation. The feedstock is primarily food, which is approximately 60-70% water or more.

The food is blended with wood chips, or finished compost, then placed into a a concrete bunker which utilizes a computer controlled system to blow air into the piles. The bins are no taller than 8' and thus, well below the standard of 20' for a potential combustable source notwithstanding the fact that the moisture content is too high to support combustion.

During the composting process, a moisture content of 60% will be maintained and a temperature of approximately 150 degrees will be consistently maintained. This is well below the temperature required for spontaneous combustion.

The food is covered with wood chips and compost to prevent the escape of odor. Accordingly, wood chips will be brought into the site on a regular basis. This is the single source of combustable material on site. Wood chips will be stored in piles that conform to the state fire code. More importantly, unlike a wood mulch operation (A Class B operation), the wood chips on this site will be cycled through the facility on a regular basis rather than being aged on site.

Since they will not be stored on site for the purpose of aging as a wood project, they will not be allowed to stay in place long enough to decompose, ie, generate heat sufficient enough to reach a temperature needed for spontaneous combustion. Further, as noted in the fire control plan below, the piles will be monitored on a regular basis. This will further prevent the risk of fire.

I have attached a conceptual site plan that shows the overall site operation for your use in reviewing Vivaria's operation and the proposed fire control plan.

After you have reviewed the plan, and in order to comply with the SWAC application requirements, we are seeking a preliminary approval of the fire control plan by your office.

Please advise as to any questions that you might have.

Thank you for your assistance in this matter.

Very truly yours,
Wayne

Wayne D. DeFeo, LEED AP, BD&C
Principal
DeFeo Associates

Tel: 732-563-9524

1. Fire Control and Emergency Procedures

SWAC Requirement

- A fire control plan and emergency procedures plan must be submitted with the application and must be approved by the local fire official and emergency management official prior to the application being submitted to the Board of Chosen Freeholders for consideration

While it should be noted that a fire control plan can only be finalized after the N.J.D.E.P. has issued an approval for final site plan and a final permit and the Applicant has made a filing for building approval, the Applicant has submitted a fire control plan to the Mansfield Township Fire Marshall. If a letter of approval is received prior to the SWAC meeting, a copy of this approval will be forwarded to your office immediately upon receipt or as soon as it is received thereafter.

PROPOSED FIRE PREVENTION/CONTROL PLAN

Vivaria Ecologics staff will use the following procedure to prevent or combat a fire that may occur on the site:

- The site will be designated as a non-smoking site in all locations.
- The gate will have a warning sign posted on the gate advising all observers to call 911 in the case of a fire.
- The site will maintain a Fire Readiness Kits at key locations including the Inspection Trailer, Receiving Building and at key intervals along the internal road that contain:
 - Fire Extinguishers
 - Fire Blankets
- The site is proposing the utilization of electrically powered site equipment including loaders and screeners. The proposed plan does not include petrol storage for vehicles at this time. Accordingly, the risk of a fuel fire will be significantly reduced. (A backup generator may be included in the final design. If that occurs, the generator will be powered by propane gas and will include all required safety standards for such a storage container.
- All bulking agent (Wood Chips) will be maintained in accordance with State Fire Codes and will not exceed twenty (20) feet in height.
 - Bulking agent storage will be minimized to the amount required for efficient utilization within the composting process.
 - Temperature monitoring of the storage pile will be performed on a weekly basis. If a temperature is found above 160 ° the location of the reading will be flagged with a landscape flag, so it can be found easily.
 - At this point the location will be opened and inspected to ensure that that the hot spot can be cooled.
- If smoke is detected rising from a vent in the bulking agent, the location will be marked (as above).
- If a fire is suspected, the operator will call the fire department.
 - After the fire department has arrived, the operator will, if instructed by the fire department, carefully excavate the area around the marked flag with a bucket of the loader and spread the bulking agent out on the ground in a thin layer (no more than 12" thick) as directed by the fire department.

- **Temperature monitoring of aerated static piles is continuous and air flow is computer controlled. This will significantly reduce the risk of a compost pile fire. However, if routine temperature monitoring shows a location in a pile where temperatures are greater than 160°, the location of the reading will be flagged with a landscape flag, so it can be found easily.**
 - **At this point the location will be opened and inspected to ensure that that the hot spot can be cooled.**
- **If smoke is detected rising from a vent in the compost, the location will be marked (as above).**
- **If a fire is suspected, the operator will call the fire department.**
 - **After the fire department has arrived, the operator will, if instructed by the fire department, carefully excavate the area around the marked flag with a bucket of the loader and spread the compost out on the ground in a thin layer (no more than 12" thick) as directed by the fire department.**

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