

# PUBLIC PARTICIPATION PLAN

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**Applicant:**

Saratoga Biochar Solutions, LLC

**Facility:**

Carbon Fertilizer Manufacturing Facility  
Moreau, NY

**NYSDEC Application Number:**

5-4144-00187/00001

**As Required by:**

NYSDEC Commissioner's Policy Guidance CP-29

**Submitted to:**

New York State Department of Environmental Conservation  
Region 5  
232 Golf Course Road  
Warrensburg, NY 12885

**Prepared by:**

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24 Wade Road  
Latham, New York 12110

**Date:**

December 1, 2022

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## **List of Acronyms**

<b>Acronym</b>	<b>Definition</b>
CLCPA	Climate Leadership and Community Protection Act
CP-29	Commissioner Policy 29, Environmental Justice and Permitting
GHG	Greenhouse Gas
NOCA	Notice of Complete Application
NYSDEC	New York State Department of Environmental Conservation
PEJA	Potential Environmental Justice Area
PPP	Public Participation Plan
SEQRA	State Environmental Quality Review Act

## I. INTRODUCTION AND OBJECTIVE

This Public Participation Plan (PPP) has been prepared by Sterling Environmental Engineering, P.C. (STERLING) on behalf of Saratoga Biochar Solutions, LLC (hereinafter referred to as “applicant”) to fulfill and comply with the requirements of New York State Department of Environmental Conservation (NYSDEC) **Commissioner Policy 29, Environmental Justice and Permitting (CP-29)** for their proposed Carbon Fertilizer™ Manufacturing Facility, that requires a Solid Waste Management Facility Permit and State Air Facility Permit application and which has been determined by NYSDEC to potentially impact one or more potential environmental justice area (PEJA) and draft Disadvantaged Community (DAC), (See Figure 1).

This PPP has been developed in accordance with the procedures established in CP-29 Section V.D and it aims to help ensure meaningful and effective public participation throughout the NYSDEC environmental permit review process. Public participation in the NYSDEC environmental permit review process means a program of activities that provides opportunities for stakeholders to be informed about and involved during the review of a proposed action.

The objective of this PPP is to outline and describe the program of activities that the applicant will implement to actively seek and enhance public participation during the application review process.

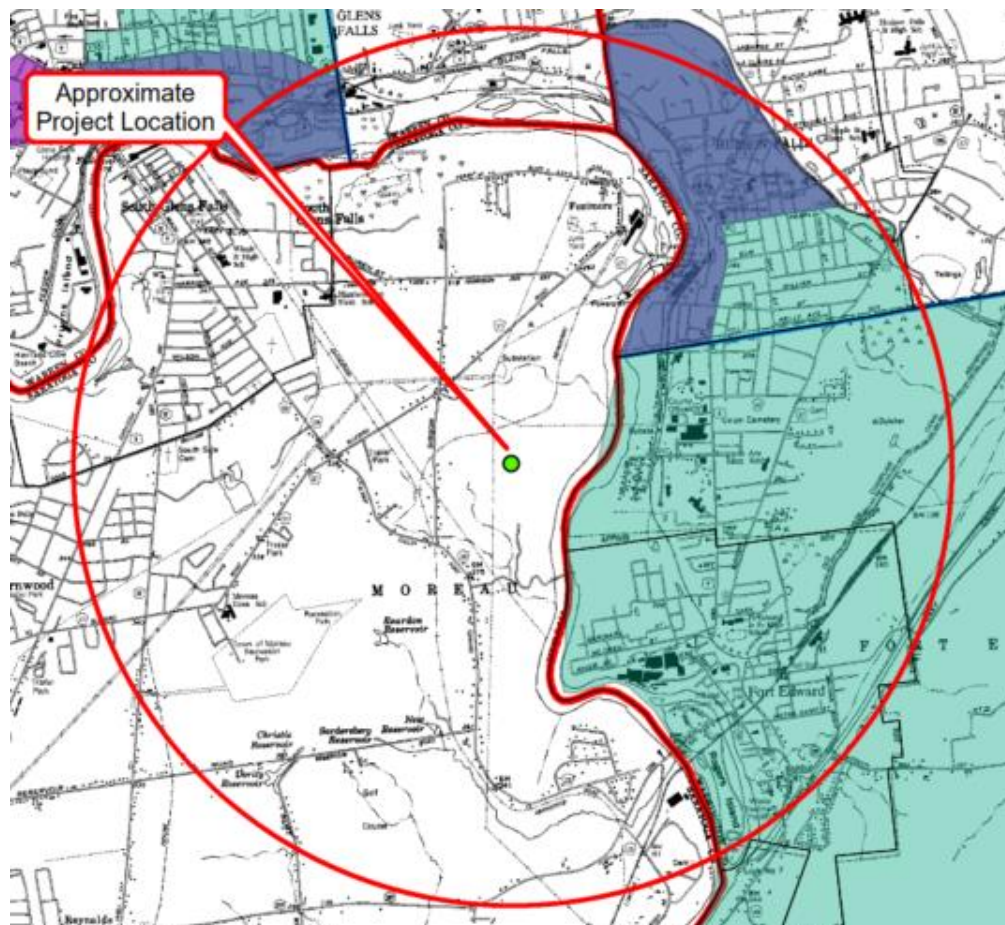


Figure 1. PEJA and DAC Map with 2-Mile Radius from Project Location

## **II. PROJECT DESCRIPTION AND PROPOSED ACTION**

### **Project Overview**

The applicant proposes to construct and operate a Carbon Fertilizer™ manufacturing facility located on 5.89 acres on Farnan Road within the Town of Moreau Industrial Park. The facility will receive treated, non-hazardous biosolids from local and regional municipal wastewater treatment plants as well as clean wood waste to be processed into a manufactured Carbon Fertilizer™ for beneficial use. The facility will be constructed in three phases over five years. To implement the proposed project, the applicant has submitted an application to the New York State Department of Environmental Conservation (NYSDEC) for a Solid Waste Management Facility and State Air Facility permits to authorize the construction and operation of the facility.

### **Nature of Proposed Project/Action and Purpose**

The facility will receive treated, non-hazardous biosolids from local and regional municipal wastewater treatment plants as well as clean wood waste to be processed safely into a manufactured Carbon Fertilizer™ for beneficial use.

Current limitations of biosolids disposal practices within New York State, as well as developing regulatory requirements, particularly for PFAS compounds, are driving the need for this type of facility. Biosolids contain traces of PFAS compounds, hormones, micro-plastics, and other constituents that are introduced into municipal sewer systems. Currently, biosolids are primarily landfilled in New York State, or exported to other states, and are a major source of methane as a greenhouse gas, which has a global warming potential 84 times greater than carbon dioxide. The New York State Solid Waste Management Plan encourages reduction, reuse, and recycling of waste over land disposal.

The newly enacted New York State Climate Leadership and Community Protection Act (CLCPA) requires New York State to reduce greenhouse gas emissions in New York State by 40% below 1990 levels by 2030 and 85% below 1990 levels by 2050.

The facility process employs drying and pyrolysis coupled with state-of-the-art gas combustion and air treatment processes to ensure emissions meet ambient air standards for regulated constituents and do not disproportionately burden any community. The pyrolysis process uniquely avoids the direct combustion of solids, which can lead to incomplete combustion and increased emissions. The pyrolysis process uniquely separates contaminants from dried biosolids and gets them into a gaseous state where they can easily be destroyed. The facility also employs an advanced, multi-stage gas combustion system that remediates the pyrolysis gas, and even the toughest PFAS contaminants known as “forever chemicals”, while minimizing the formation of nitrogen dioxide, a regulated contaminant, and nitrous oxide, a potent GHG emission. The resulting heat from the gas combustion process is utilized in the dryer to offset natural gas consumption in the facility, which further reduces greenhouse gas emissions.

The facility also employs a state-of-the-art air treatment system that is designed to meet the highest emissions standards globally. The air treatment system accomplishes the following:

- Recycles most of the dust back into the process.
- Scrubs the fine dust with water. The wastewater is recycled as cooling water in the gas combustion process to minimize contaminants in the wastewater.
- Scrubs sulfur dioxide, a regulated contaminant, using hydrated lime; a non-hazardous material that generates non-hazardous wastewater.
- Scrubs ammonia to further remove odors using sulfuric acid, a hazardous material, that generates a fertilizer byproduct which is recycled into Carbon Fertilizer™.
- Polishes odors and sulfur dioxide, a regulated contaminant, in a final biological scrubber that ensures the odor profile of the facility will be managed.
- Disperses emissions using surplus airflow and heat from the process to minimize the impact on local air quality and increase the virtual stack height.

Carbon Fertilizer™ sequesters carbon in soil while substituting for and reducing chemical fertilizer use and its associated greenhouse gas emissions. The extensive use of traditional chemical fertilizers has contributed heavily to soil degradation and nutrient runoff into waterbodies with local, regional, and global impacts, including aquatic dead zones. Carbon Fertilizer™ binds nutrients with organic matter and carbon, instead of salts, to quickly absorb water and nutrients, and slowly release them to plants in a way that reduces fertilizer application over time. Organic matter feeds the soil, along with the carbon, and restores the filtration capacity the soil once provided to reduce nutrient pollution and prevent contaminants from entering the water supply.

The Carbon Manufacturing Building is completely enclosed as shown in Figure 2 with dedicated areas for specific operations. Construction is planned to occur in three phases over five years as indicated by the “Future Manufacturing Process” areas.

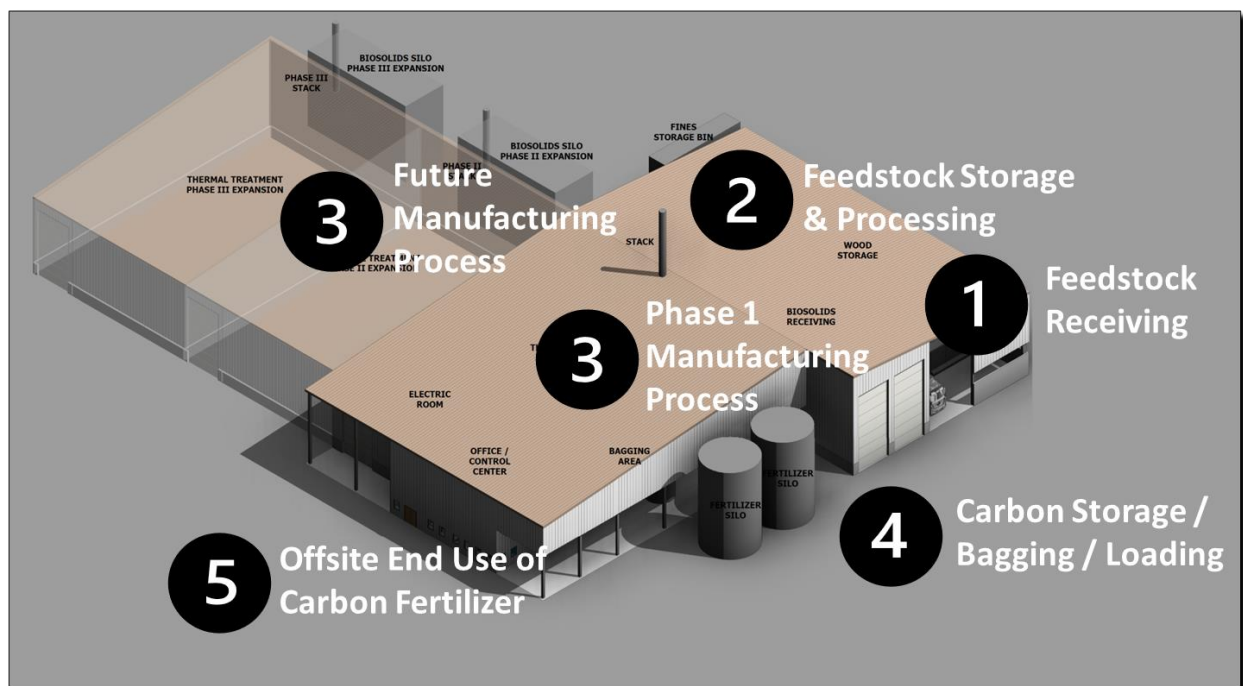


Figure 2. Facility Layout

The Carbon Fertilizer™ manufacturing process is described by the 5 steps shown in Figure 3.

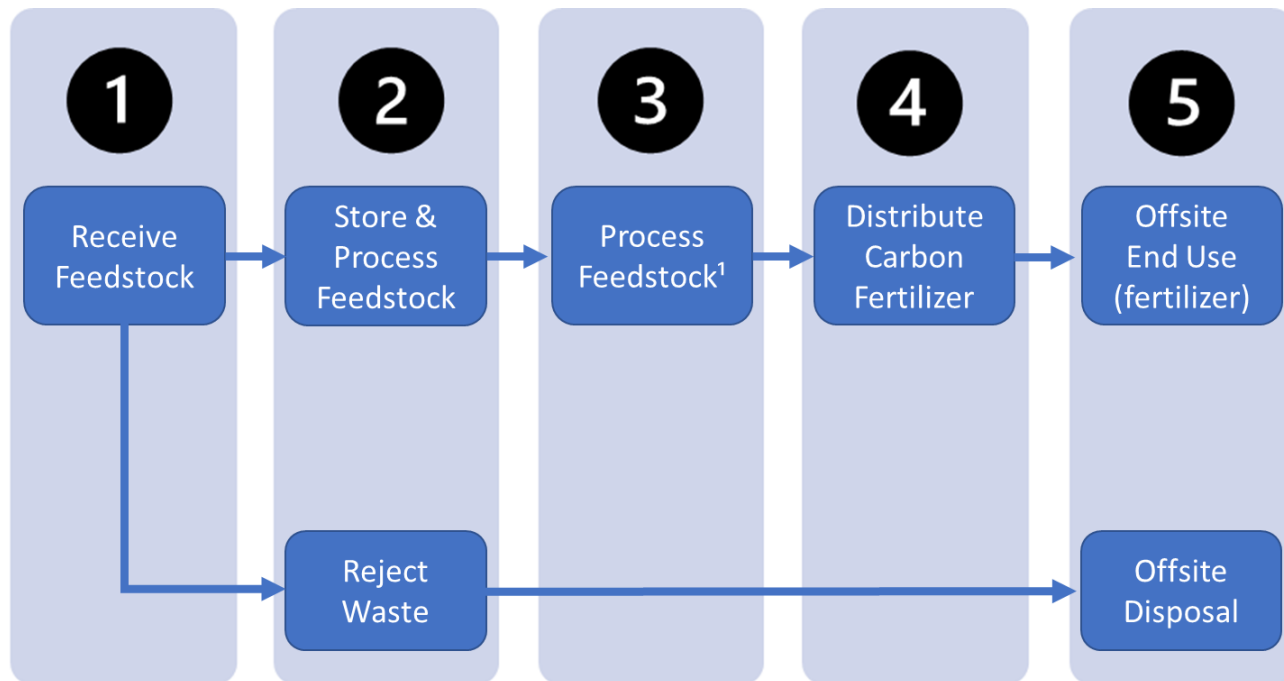


Figure 3. Carbon Fertilizer Manufacturing Process Sequence

Note 1: Refer to Figure 4 for additional detail on feedstock processing

1. Receive Feedstock: Biosolids are delivered by specialized hauling trucks that are tarped and sealed to avoid odors. Wood waste is delivered by standard hauling trucks. Biosolids are received inside the enclosed receiving building with doors shut to manage odors while unloading into an enclosed receiving pit. Wood waste is received outdoors and stored in a covered receiving area. Control plans require inspection of incoming material to intercept and reject any unauthorized waste.
2. Store and Process Feedstock: Biosolids are temporarily stored indoors within an enclosed reception pit prior to being blended with wood waste for processing. The biosolids receiving pit is integrated into the air treatment system for odor control.
3. Process Feedstock: Refer to Figure 4 for additional detail. The blended biosolids and wood waste are first mixed and then dried to decrease moisture content. Following drying, the mixture is heated in a reactor without oxygen, which creates a solid Carbon Fertilizer™ (the manufactured product) and a gas (an energy byproduct). The gas is quickly combusted in a multi-stage process to remediate PFAS compounds and other contaminants, control harmful air emissions and greenhouse gases, and generate heat for the dryer. The Carbon Fertilizer™ proceeds to Step 4. Air emissions from the process are further treated in the air treatment system prior to discharge from the facility stacks.
4. Distribute Carbon Fertilizer™: Manufactured Carbon Fertilizer™ is temporarily stored onsite within silos prior to loading into trucks for delivery and distribution to users.
5. Offsite End Use: Manufactured Carbon Fertilizer™ will be licensed and marketed as a commercial fertilizer with specific testing requirements determined by NYSDEC and the New York State Agriculture and Markets Law.

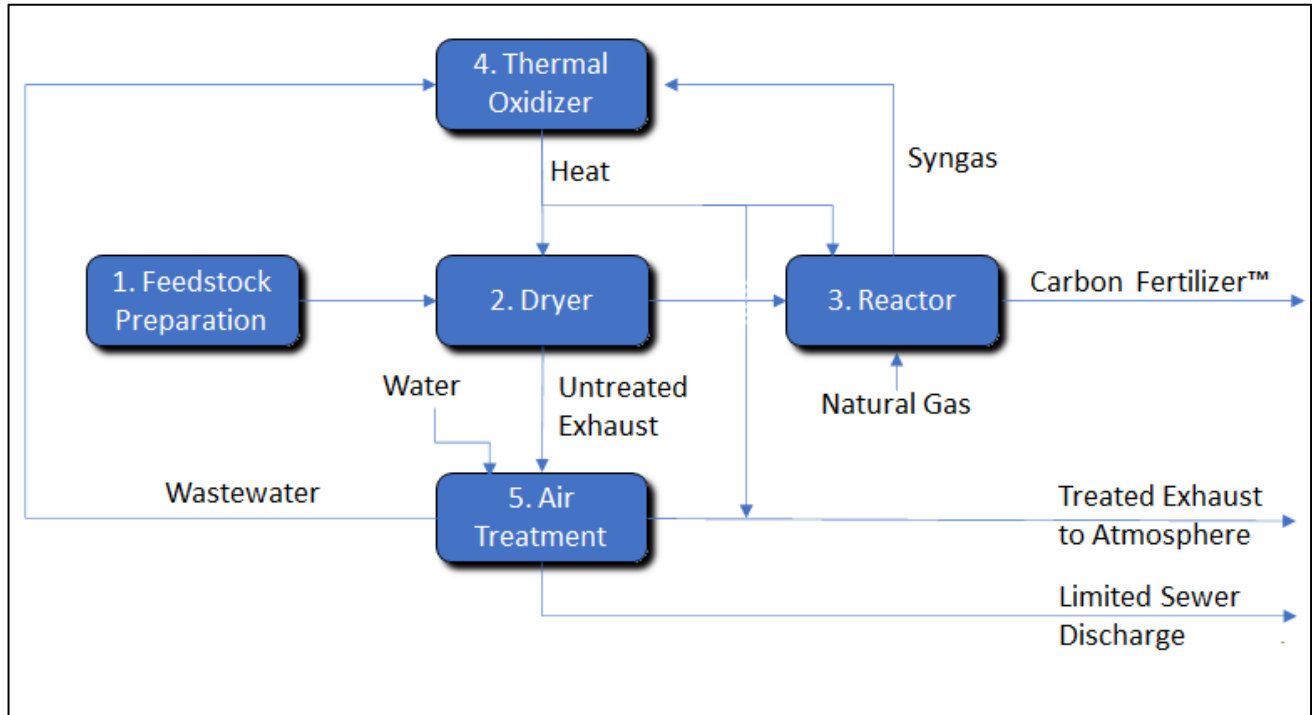


Figure 4. Carbon Fertilizer™ Processing Detail

## **Potential Impacts**

The project has been reviewed by the Town of Moreau Planning Board as the Lead Agency under the State Environmental Quality Review Act (SEQRA). During its review, the Planning Board identified the following potential impacts:

1. **Impacts on Land:** The project will result in land disturbance to construct the facility. The project location is within the Town of Moreau Industrial Park that was extensively reviewed during its creation. The project complies with applicable zoning and land use standards within the industrial park. Therefore, the Town Planning Board determined that the impacts on land would result in no or small impact.
2. **Impacts on Air:** The project will result in a new air emission source from the facility stacks. The Planning Board determined that impacts on air could be moderate to large and required additional information during its review. The Applicant provided its NYSDEC Air Permit Application, which included a description of the air treatment equipment and a screening model of air emissions to assess the potential impacts in comparison to state and federal air standards. The Planning Board consulted the NYSDEC to obtain additional information related to the air emissions and permitting process. Based on the reviewed information, the Planning Board determined that the potential moderate to large impacts would be sufficiently mitigated through the facility design and operational permit requirements. The Planning Board imposed its own conditions related to air emissions on its project approval to ensure the facility is operated in a manner that is protective of the surrounding community.
3. **Impacts on Plants and Animals:** The project will result in land disturbance to construct the facility that could remove existing habitat. The project location is within the Town of Moreau Industrial Park that was extensively reviewed for the presence of

threatened and endangered species. During the current project review, NYSDEC databases were consulted to confirm there remain no identified threatened or endangered species in the project location. Therefore, the Town Planning Board determined that the impacts on plants and animals would result in no or small impact.

4. Impacts on Energy: The project will result in a new facility that will require the use of energy. There is existing infrastructure with adequate capacity within the industrial park to service the facility. The facility has minimized its use of energy by recovering and utilizing renewable energy, in the form of syngas, from the feedstocks and employing waste heat recovery in a concerted effort to avoid natural gas use. Therefore, the Town Planning Board determined that the impacts on energy would result in no or small impact.
5. Impacts on Noise, Odor, and Light: The project will result in activities that have potential to generate noise and odor. The Planning Board determined that impacts on odor could be moderate to large and required additional information during its review. The Applicant provided its NYSDEC Air Permit Application, which included a description of the air treatment equipment to control odors. In addition, the Applicant provided its NYSDEC Solid Waste Management Facility Permit Application, which included a Facility Manual that describes how the facility will be operated to minimize nuisance odors to the surrounding community. This includes having a fully enclosed building with a ventilation system that continuously draws air in to prevent odors from escaping. Based on the reviewed information, the Planning Board determined that the potential moderate to large impacts would be sufficiently mitigated through the facility design and operation. The Planning Board imposed its own conditions related to odors on its project approval to ensure the facility is operated in a manner that is protective of the surrounding community.

### **Impact Mitigation**

The facility is designed to mitigate identified potential impacts such that the impacts are not significant or adverse. Impact mitigation includes the following:

- Fully enclosed facility for odor and noise control.
- Negative pressure ventilation system and biofilter for odor control.
- Engineered air pollution control devices consisting of a cyclone separator, thermal oxidizer, and wet scrubbers to maintain air emissions below regulatory thresholds.

At the completion of the Town of Moreau Planning Board's review, the facility site plan was approved subject to 16 conditions that must be adhered to. The conditions are based on the Planning Board's review, receipt of public comments, and deliberations and are in place to ensure protection of the surrounding community. A copy of the approval resolution with conditions is included in Appendix A.



### **III. STAKEHOLDER IDENTIFICATION & CONTACT LIST**

A contact list consisting of the names, addresses, phone numbers, or email addresses of stakeholders to the proposed action is provided in Appendix B. The contact list includes individuals and organizations with a direct stake in the proposed action and people and individuals and organizations that have expressed interest in the proposed project or similar projects affecting the same neighborhood or community.

To develop the initial contact list, the applicant reached out to the NYSDEC Office of Environmental Justice to help identify stakeholders. The initial contact list was developed in consultation with NYSDEC by identifying stakeholders from the following categories: local government and elected officials; business owners, residents, and occupants; local civic, community, environmental and religious organizations; local news media; administrator/operator of any school or day care that live, work and/or represent a neighborhood or community within a 2-mile radius of the project area (See Figure 1).

Following the December 19, 2022, public meeting (See Section V), NYSDEC expressed interest in enhancing notification of future meetings to specifically target the adjacent PEJA and DAC areas within Glens Falls, Hudson Falls, and Fort Edward. Therefore, a mailing program has been developed to saturate those target areas with mailed meeting notices. An updated contact list is provided in Appendix B.

The applicant will utilize this contact list to communicate and disseminate information about the proposed project/action and permit application review process to the affected community and stakeholders. At minimum, this includes distribution of the written information and outreach materials described in Section V to inform the community about upcoming public meetings and opportunities for public participation.

The contact list will be reviewed periodically and updated as appropriate throughout the permit application review process. The applicant will update the contact list with any new stakeholders identified during the public meeting or execution of other PPP components. In addition, individuals and organizations will be added to the contact list upon request. Such requests should be submitted to the project liaison identified in Section IV. Other additions to the contact list may be made at the discretion of the applicant or, at the request of the NYSDEC project manager, in consultation with other NYSDEC staff, as appropriate.

### **IV. PROJECT LIAISON**

A representative from the project team will be available during business hours at:

- Bryce Meeker, President, Saratoga Biochar Solutions  
913-325-6123  
[BMeeker@northeasternbiochar.com](mailto:BMeeker@northeasternbiochar.com)  
26F Congress Street #346, Saratoga Springs, NY 12866

Impacted residents and interested stakeholders can contact the project liaison listed above to provide input to the project team, discuss any issues or concerns and/or to ask questions or request information. The project liaison shall respond in a timely manner and in the manner appropriate to question or information request received. The project liaison will be

responsible for tracking and documenting public input, inquires, questions, and information requests received, along with responses provided.

## **V. PUBLIC OUTREACH ACTIVITIES**

The applicant will utilize a range of engagement strategies and conduct various public outreach activities to facilitate participation, involvement, and direct communication with the affected community during the permit application review process. The applicant will implement the public outreach activities outlined below upon finalization and approval of this PPP by NYSDEC.

In compliance with the requirements of CP-29, the applicant will hold public information meeting(s) to keep the public informed about the proposed action and the environmental permit review process. At minimum, the applicant will prepare, distribute, and post written information and materials, including a meeting notice and fact sheet, to encourage dialogue and solicit input from interested stakeholders during the permit application review process. In addition, the Applicant maintains a website ([www.saratogabiochar.com](http://www.saratogabiochar.com)) and social media account ([www.facebook.com/SaratogaBiochar](https://www.facebook.com/SaratogaBiochar)) to supplement the minimum requirements. All public outreach materials and information will be prepared and presented in an easy-to-read, understandable format, using plain language free of legal terminology, and geared towards a non-technical audience.

The public meeting notice and fact sheet will be made available and disseminated in English. In addition, the public can contact the project liaison regarding the availability of language assistance and to request that the notice and fact sheet are translated into another language for comprehension by non-English speaking or limited proficiency stakeholders.

### **Public Meeting(s)**

At the discretion of NYSDEC and, depending on the scale and nature of a project, one or more public meeting(s) must be conducted to satisfy the intent of CP-29.

A meeting is typically required near the end of the permit application review process to inform the public about: the status of, or, if applicable, the availability of, final application materials and draft permits for review; the pending NYSDEC public comment period, and deadline to submit written comments to NYSDEC, if established; and eventual final decision. Meetings may also be held earlier, either pursuant to this plan or possibly even earlier during the initial design phase.

#### **Public Meeting: Early Engagement**

The Applicant has appeared at nine (9) publicly noticed Town of Moreau Planning Board meetings over a period of 12 months from August 2021 to August 2022, including two public hearings to solicit public assessment. The first public hearing occurred on December 13, 2021, and the second public hearing occurred on May 12, 2022. During this time period, the Applicant established a website ([www.saratogabiochar.com](http://www.saratogabiochar.com)) and social media account

([www.facebook.com/SaratogaBiochar](https://www.facebook.com/SaratogaBiochar)) to engage the public to further solicit feedback and to provide access to project information.

### Public Meeting: At or Near Completeness

The Applicant held a virtual public meeting on December 19, 2022 to:

- Inform the public about the proposed project/action and permit application review status.
- Provide the opportunity for stakeholders to ask questions and express concerns about the project and identify how to obtain information or answers to questions after the meeting has concluded.
- Inform attendees how they may submit written comments on the permit application to the NYSDEC during the public comment period and, if available, identify any applicable deadlines.

Based on feedback from meeting participants and NYSDEC, two (2) additional public meetings will be scheduled subject to the following:

- The meetings will be scheduled for two consecutive days at different times to maximize accessibility to the public who may have differing schedules.
- The meetings will be held in a hybrid format to allow in-person and virtual participation.
- The meeting venue(s) will be held in either Glens Falls, Hudson Falls, or Fort Edward based on venue availability.
- One meeting will be held from 2 to 5 PM and the other meeting will be held from 6 to 9 PM. The meetings will be held for 3 hours as opposed to the 2-hour initial public meeting.
- Mailed notifications will target 3 weeks in advance of the meetings as opposed to the 2-week mailed notice for the first public meeting.

### Necessary Meeting Discussion Points and Requirements

All meetings will be facilitated by the applicant and/or representatives from their project team (project personnel). During the meeting, the applicant and/or representatives from their project team will present a brief overview of the project, including any relevant background information, details on the permitting action, scope of work, schedule, and community impacts. The second part of the meeting will include a question and answer portion where the floor will be open for attendees to ask questions, make remarks, and/or express concerns. Priority will be given to residents of the PEJA and DAC areas followed by the general public as time allows. In addition, the following discussion points will be addressed:

- Provide an update on the permit application review process and identify outstanding application requirements and future milestones in the application review process.

- Make it clear that the meeting is being held prior to NYSDEC's permitting decision for the project/action.
- Identify the location of the online document repository and provide directions on how attendees may obtain and review materials relevant to the application, documents related to the meeting and other public participation plan components.
- Identify and provide contact information for the project liaison and announce procedures for how attendees may obtain answers to questions after the meeting has concluded and interested stakeholders can submit questions, express concerns, or request additional information by telephone, email, and in writing.
- Announce any future outreach, opportunities for public participation, and /or required follow-up with attendees including, but not limited to: additional meetings and future mailings, including, but not limited to the Notice of Complete Application.

Attendance will be recorded with a sign in sheet for in-person participants and by the meeting software for remote participants. The applicant will track the number of attendees for all meetings held during implementation of this PPP and, where feasible and applicable, identify any affiliation of participants and interests represented at the meeting. In addition, the applicant will be responsible for documenting meeting notes or minutes, along with a record of comments and questions raised in the meeting and respective responses and answers provided. Attendees not identified on the contact list will have the option to be added in the event of future meetings or information sharing.

### **Public Meeting Notice Preparation and Distribution**

Information regarding the details of the public meetings and how to participate in person or via computer and/or telephone is contained in the reader-friendly meeting notice(s) shown in Appendix C. Through this notice, the public will be invited and encouraged to attend the public meetings.

Once the PPP has been approved by NYSDEC the public meeting notice will be posted and available in the online document repository described in Section VI of this document. At least two weeks in advance of the public meetings, the notice will be published in the Times Union which is a weekly newspaper printed, published, and circulated daily in Saratoga County. In addition, the public meeting notice will be emailed, mailed and/or hand delivered (door-to-door) to the stakeholders identified in the contact list in Appendix B at least two weeks prior to the public meetings.

### **Fact Sheet Preparation and Distribution**

Factual information on the proposed project/action, including an overview, purpose statement, and potential impacts, is outlined in the reader-friendly fact sheet shown in Appendix D. In addition, the fact sheet outlines how interested stakeholders can: participate in the permit application review process; access the online document repository to review relevant application materials prior to the public meetings; and contact the project team to obtain additional information.

Once the PPP has been approved by NYSDEC the fact sheet will be posted and available in the online document repository described in Section VI of this document. No later than two weeks prior to the public meeting, the applicant will distribute the fact sheet to provide stakeholders with relevant background on the proposed project/action and facilitate meaningful participation during the meeting. The fact sheet will be distributed together with the public meeting notice via email, mail and/or hand delivery (door-to-door).

The fact sheet(s) will also be posted within the vicinity of the project site and visible to the public. For example, they may be posted on some streetlight lampposts or bulletin boards located in the lobby of residential complex buildings or public facilities such as libraries, schools, or community centers within the project site. The meeting notice and fact sheet will be posted at the following locations:

- Moreau Town Hall
- Glens Falls City Hall
- Hudson Falls Village Hall
- Fort Edward Village Office
- Glens Falls Crandall Public Library
- Fort Edward Public Library

### **Distribution of Notice of Complete Application**

Once NYSDEC determines the application(s) for the proposed action/project is complete and provides the Notice of Complete Application (NOCA) to the applicant, the applicant will distribute the NOCA and draft permit, if applicable, to the meeting attendees and any identified interested parties, to provide notification regarding the start of the NYSDEC public comment period and to announce the deadline for submission of written comments to NYSDEC. If the NOCA is available at the time of the meeting, the applicant will distribute the NOCA at the public meeting. If the NOCA is not available at the time of the meeting, the applicant will provide explicit instructions on how to access the online repository and inform the attendees that, once available, the NOCA will be posted to the online document repository and will be distributed to attendees via email or mail as soon as possible, but no later than the date that the NOCA is published by the applicant in the print edition of a paid local newspaper that is circulated at least weekly and available in the municipality in which the project is located.

### **Additional Outreach and Materials**

The Applicant maintains a website ([www.saratogabiochar.com](http://www.saratogabiochar.com)) and social media account ([www.facebook.com/SaratogaBiochar](https://www.facebook.com/SaratogaBiochar)) to engage the public to further solicit feedback and to provide access to project information.

## **VI. DOCUMENT REPOSITORY**

An online document repository has been established for the community and interested stakeholders to access and review information about the project. The online repository available at [www.saratogabiochar.com/PPP](http://www.saratogabiochar.com/PPP) will provide information and documents relating to the project and permit application.

The repository will be updated throughout the application process with project-related information and written materials (i.e., application forms and supporting materials, draft permit, fact sheet, statement of basis (where applicable), the Notice of Complete Application provided by the NYSDEC, etc.).

## **VII. SUBMISSIONS**

### **Final Summary Report and Written Certification**

Upon completion of the enhanced public participation plan, the applicant will submit written certification to NYSDEC to certify that it has fully executed and complied with the approved PPP. The certification shall be signed by the applicant, or the applicant's agent, and submitted to NYSDEC prior to a final decision on the application.

As part of the certification, the applicant shall submit a final summary report documenting the implementation of this PPP. The report will summarize the activities that occurred in accordance with the PPP and will identify any substantive concerns raised by stakeholders during the public meeting, or, at any time throughout the permitting process and detail the applicant's response(s) to any such concerns or questions. The applicant will include, or append, any documentation that supports the final summary report, such as: the meeting sign-in sheet(s), record of attendees/participants, meeting presentation, notes or minutes, summary of questions and answers, and copy of newspaper notice or other proof of publication. In addition, the report will identify any changes or modifications to the proposed project that were made or considered by the applicant to address or reduce concerns surrounding the permit application.

The final summary report and written certification will become part of the application record and will be posted to the online document repository so that it is readily available to the public.

**APPENDIX A**  
**TOWN OF MOREAU SITE PLAN APPROVAL**  
**RESOLUTION WITH CONDITIONS**

**RESOLUTION  
TOWN OF MOREAU PLANNING BOARD**

SUBJECT: SARATOGA BIOCHAR SOLUTIONS, LLC SITE PLAN APPLICATION APPROVAL

WHEREAS, Saratoga Biochar Solutions, LLC (hereinafter “Applicant”) has made an application to the Town of Moreau Planning Board (hereinafter “Planning Board”) for site plan approval pursuant to Article VI Site Plan of the Town of Moreau Code, for a carbon fertilizer manufacturing facility to be located at 2-6 Electric Drive, tax map numbers 50.-4-16 and 50.-4-22, within the Moreau Industrial Park, the development area comprising 5.89+/- acres, zoned M-1 General Manufacturing and Industrial (hereinafter the “proposed Project”); and

WHEREAS, on May 7, 2021, Town of Morea Zoning Administrator James Martin rendered a determination that the proposed Project is a use permitted upon Site Plan approval by the Planning Board; and

WHEREAS, on July 6, 2021, Applicant submitted its application for Site Plan review for the proposed Project; and

WHEREAS, Applicant first appeared before the Planning Board on August 2, 2021, at which time the Planning Board reviewed the preliminary site plan, actively engaging in discussion with the Applicant, asking questions including, but not limited to, traffic, noise, air emissions, odor, water and sewer; and

WHEREAS, on August 2, 2021, the Planning Board reviewed Part 1 of the Full Environmental Assessment Form (“FEAF”), dated July 1, 2021, identified the proposed Project as an Unlisted Action under the State Environmental Quality Review Act (“SEQRA”) and declared itself Lead Agency for the coordinated review; and



WHEREAS, on November 22, 2021, the proposed Project was again before the Planning Board, at which time the Planning Board discussed, among other issues and concerns, traffic patterns, with an eye towards emergency access; the size and locations of the buildings; the NYSDEC process for permits and the Applicant's progress in that area as well as the follow through once the permits are issued; the progression in SEQRA in that none of the interested or involved agencies objected to coordinated review with the Planning Board acting as Lead Agency and, other than NYSDEC and NYSDOT, from whom permits are required, none had any concerns with the FEAF; and

WHEREAS, at its meeting on November 22, 2021, pursuant to Section 149-40 of the Moreau Town Code, the Planning Board determined that the public should have a right to weigh in on the proposed Project, and as such, set the public hearing for December 13, 2021; and

WHEREAS, the Public Hearing was properly noticed to residents within five (500) feet of the proposed Project, was published in The Post Star, was posted on the Town's official website and in the Town Municipal Complex; and

WHEREAS, at its meeting on December 13, 2021, the Planning Board reviewed Part 2 of the FEAF, and upon identifying concerns regarding the impact on air and odor, tabled continued review until such time as further information could be obtained;

WHEREAS, on December 13, 2021, a resolution was adopted to retain an independent expert and directed the Zoning Administrator to create a scope of work; and

WHEREAS, the Public Hearing was opened and closed on December 13, 2021; and

WHEREAS, as a result of information raised in public comment as well as concerns raised by the Planning Board regarding environmental questions from its

December 13, 2021, meeting, on January 12, 2022, the Planning Board held a properly noticed special meeting with scientists and individuals from NYSDEC and the Applicant; and

WHEREAS, having been satisfied with the information provided by NYSDEC during the January 12, 2022, special meeting, and reviewing all information in the record, on March 7, 2022, the Planning Board reviewed revised site plan documents intended to address deficiencies in the Applicant's prior submittals, Parts 1, 2 and 3 of the revised FEAF dated February 22, 2022, taking a hard look and identifying five (5) areas of moderate concern, to wit:

- (1) The action may also emit one or more greenhouse gases at or about the following levels: More than 1000 tons/year of carbon dioxide (CO<sub>2</sub>) (Q.6[a][i]);
- (2) The proposed action may require a state air registration, or may produce an emissions rate of total contaminants that may exceed 5 lbs. per hour, or may include a heat source capable of producing more than 10 million BTUs per hour (Q.6[c]);
- (3) The proposed action may reach 50% of any of the thresholds in 6(a) – (c) (Q.6[d]);
- (4) The proposed action may result in the combustion or thermal treatment of more than 1 ton of refuse per hour (Q.6[e]);
- (5) The proposed action may result in routine odors for more than one hour per day (Q.15[c]); and

WHEREAS, after identifying the above (1) – (5) as moderate to large concerns, the Planning Board ascertained that the concerns could be mitigated as follows;

- (1) With respect to concerns raised for Question 6, impacts on air are mitigated by NYSDEC issuance of Air Emission permit and periodic third-party monitoring;
- (2) With respect to concerns raised for Question 15, impacts on noise, odor and light are mitigated by building enclosure, scrubbing and being under negative air pressure and bio filters; and

WHEREAS, after taking a hard look at the above, identifying the moderate to large concerns and the mitigation efforts that can be taken, on March 7, 2022, the Planning Board adopted a resolution finding no significant environmental impact and issued a negative declaration under SEQRA; and

WHEREAS, given the amount of discussion and new information provided between December 13, 2022 and March 7, 2022, the Planning Board, sua sponte, decided to engage the public and scheduled another public hearing for April 18, 2022; and

WHEREAS, the second Public Hearing was properly noticed to residents within five (500) feet of the proposed Project, was published in The Post Star, was posted on the Town's official website and in the Town Municipal Complex; and

WHEREAS, the second Public Hearing was moved from April 18, 2022, to May 12, 2022, due to an unexpected lack of a quorum; and

WHEREAS, the public was properly notified of the change from April 18, 2022 to May 12, 2022; and

WHEREAS, the second Public Hearing was held on May 12, 2022, as a special meeting, with the proposed Project as the sole item on the agenda; and

WHEREAS, at the second Public Hearing, twenty-three (23) members of the public voiced their opinions and comments regarding the proposed Project; and

WHEREAS, after verifying that all members of the public present had been permitted to speak, the Planning Board closed the second Public Hearing; and

WHEREAS, after the closing of the second Public Hearing, the Planning Board engaged in discussion regarding the public comments received in writing and at the second Public Hearing; and

WHEREAS, during the course of the discussions, a motion was made to reopen the environmental review process under SEQRA, which motion was defeated by a vote of four to two; and

WHEREAS, during the course of the discussion, a resolution was adopted to retain an independent expert to assist the Board in its review of the proposed Project;; and

WHEREAS, on May 12, 2022, the Zoning Administrator requested that the Planning Board provide specific direction by May 27, 2022, regarding a potential Request for Proposal for an independent/third-party review of the proposed Project; and

WHEREAS, on June 6, 2022, the Planning Board meticulously reviewed a draft RFP prepared by Member Ann Purdue, and agreed to permit the Zoning Administrator to revise the draft RFP; and

WHEREAS, on June 20, 2022, the Planning Board again discussed the proposed Project, including the necessity, if any, of an independent/third-party review, the current stage of the proposed Project under the Moreau Town Code, and the specifics of a determination on the proposed Project; and

WHEREAS, on June 20, 2022, the Planning Board directed the attorney for the Planning Board to draft a resolution approving the Site Plan application with certain conditions, such resolution to be reviewed at the meeting on July 18, 2022, and

WHEREAS, on July 18, 2022, pursuant to Section 149-43, the Planning Board advised the applicant, in writing, of its need for an additional forty-five (45) days to consider the application; and

WHEREAS, based on the extensive review performed over the course of twelve months by the Planning Board, including nine public meetings, of which two were public hearings and one was a special public meeting with NYSDEC, the Planning Board has determined that the site plan for the project conforms to all requirements of Section 149-40, 149-42 and 149-43 of the Town of Moreau Code and all requirements under SEQR have been met; and

WHEREAS, the Planning Board has identified a number of conditions to approval that must be met by the Applicant prior to any application or issuance of a building permit and certain conditions that must be satisfied thereafter; and

WHEREAS, the Planning Board hereby submits this resolution and report on final site plan pursuant to Section 149-43 of the Moreau Town Code;

NOW, THEREFORE, BE IT RESOLVED, that the Planning Board does hereby grant site plan approval to the Applicant for the proposed Project as applied for and as depicted in the site plan application materials for the Subject Property, conditioned upon compliance with the following, all of which must be identified as “Notes” on the Final Site Plan prior to signature by the Planning Board Chair and one member and reviewed by the Zoning Administrator and Attorney for the Town:

1. Proof of a NYSDEC Solid Waste Management Facility Permit shall be required prior to commencement of construction of the project and shall be maintained in effect for the duration of its operations. Applicant shall provide the Planning Board with prompt written notice of all violations and compliance proceedings and at least 30

days prior written notice of its submittal of applications for renewals or modifications of this permit. If such modifications may allow increased levels of contaminants from the processes or the emissions or wastewater of the project, the site plan for the project shall be subject to renewed site plan review and approval by the Planning Board as a condition to proceeding with such modifications.

2. Proof of a NYSDEC Air State Facility Permit shall be required as a condition to commencement of construction of the project. Such Permit shall be maintained in effect for the duration of its operations. Applicant shall provide the Planning Board with prompt written notice of all violations and at least 30 days prior written notice of compliance proceedings and its submittal of applications for renewals or modifications of this permit. If such modifications might allow the introduction of new or increased levels of contaminants from the processes or the emissions or wastewater of the project, the site plan for the project shall be subject to renewed site plan review and approval by the Planning Board as a condition to proceeding with such modifications.

A continuous stack emission monitoring system will be installed and operated to test for the regulated contaminants stated presently in the Air Facility Permit or any future contaminants as determined by NYSDEC and the results made public monthly. Any findings above permitted levels shall be reported by SBS and the Town to NYSDEC..

3. Noise - All noise levels from the proposed Project will be compliant with Chapter 100, Noise, of the Moreau Town Code. The applicant shall conduct continuous noise testing at the outer property boundaries. . The noise report will be made public monthly.

4. Odor –

a. All material shall be handled within the enclosed building, with air handling under negative pressure. Applicant shall install, operate and maintain state of

the art odor quality monitoring equipment that will continuously monitor the emissions from the project.

SBS will be required to replace its operating equipment with equal to or better, new equipment when such equipment no longer functions properly or is no longer supported by, or defined as “end of life,” by its manufacturer.

A report detailing the effectiveness (maintenance, outages, pressures within the structure) of the buildings air handling system will be made public monthly by the applicant.. All biosolids materials shall be handled within the enclosed building, with air handling under negative pressure. All air emissions from the process employed in the project must pass through the air treatment system. The facility may only operate (receive biosolids feedstock and process same into carbon fertilizer) with its air treatment system operating as presented to and permitted by NYS DEC (solid waste management and air facility permits).

b. Prior to Project construction, SBS will provide an analysis of the existing Ambient Air Quality within the Moreau Industrial Park and at the property limits, completed by a qualified environmental engineer. Particulate Matter (PM) and Volatile Organic Compound (VOC) data will be analyzed and provided to the Town of Moreau Code Enforcement and publicly available on the SBS website with a link on the Town website.

Once the Project becomes operational,<sup>1</sup> any complaints regarding odor must follow the following process:

- i. Complainant must file their concern to the NYSDEC Odor Hotline (800)457-7362, the SBS Hotline, and the Town Building Department.

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<sup>1</sup> Operational is assumed at time of Certificate of Occupancy issued by the Town of Moreau Building Department.

- ii. SBS must notify the Town Code Enforcement of the Complaint within 24 hours (business day) via email, 48 hours weekend/holiday.
- iii. Within 7 business days of the initial complaint, SBS must provide the Building Department with a monitoring plan to assess the complaint. Monitoring locations and durations should be provided in the plan. SBS is not expected to access private property but will measure at the property line of the Moreau Industrial Park and nearest public receptor to location of complaint.<sup>2</sup>

If NYSDEC is conducting on-the-spot air quality inspections, this must also be indicated to the Town.
- iv. The Monitoring Plan will be reviewed by the Town Code Enforcement Officer or designated third-party, which may be an outside consultant. In the event an outside consultant is engaged, an escrow account shall be created and funded solely by SBS. The Town shall provide its review of the Monitoring Plan within 7 business days of receipt.
- v. Upon receipt of approval of the Monitoring Plan, SBS shall implement the Plan immediately, but no later than three (3) business days.
- vi. SBS must provide the findings and analysis of the Monitoring Plan to the Town within 14-business days following the conclusion of the monitoring. The findings and analysis will be reviewed by the Town Code Enforcement Officer or designated third-party, which may be an outside consultant. In the event an outside consultant is engaged, an escrow account shall be created and funded solely by SBS. The Town shall provide its comments on the findings and analysis within 7 business days.

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<sup>2</sup> Public receptor is a location that has open public access and monitoring equipment can be placed safely.



- vii. In the event conditions are found to have a degradation of the Ambient Air Quality and/or an exceedance level for VOCs and PMs, SBS is required to immediately cease operations and shall not recommence operations until it has developed and is prepared to implement a remediation plan satisfactory to the Town Code Enforcement Officer or designated third-party.
- viii. There shall be open communication between NYSDEC, the Town, and SBS regarding any investigation and findings.

5. Biosolid feed stock composition – The sources are from area treatment plants and the composition of the material will be monitored by applicant on a regular basis as determined by applicant but in no event less than quarterly to ensure composition is consistent with the terms of the Solid Waste Handling Permit, with reports provided to the Town upon request. The feedstock makeup will be regularly monitored to confirm stability of composition over time, with reports to be made public at least quarterly. No hazardous waste or radioactive materials will be allowed or stored on the project site at any time

6. Transportation–

a. Truck traffic shall be limited to the hours of 6:00 AM – 6:00 PM Monday through Saturday. Arrivals and departures of trucks shall be scheduled to avoid backups on any public roadway or the entrance to the Industrial Park. No parking or idling of trucks shall be allowed on any public roadways for staging deliveries or departures or any other purpose.

b. Biosolid waste may be transported to the proposed Project only through the transportation contract of the Applicant. Any modification to the transportation contract must be provided to the Zoning Administrator or Code Enforcement Officer.

Biosolids waste may be transported to the proposed Project only through the transportation contracts of the Applicant, or the Applicant itself. The applicant has identified Casella Organics as its exclusively contracted biosolids feedstock provider for the first phase of the facility, delivering approximately 75,000 tons per year of biosolids from publicly operated and state permitted WWTP's. The applicant must alert the town in advance prior to making any arrangements for biosolids deliveries with other haulers, subject to the Town's approval following review of any such hauler's NYS operating permits.

c. The route will follow the designated route as determined from the GEIS adopted for the formation of the Moreau Industrial Park. Failure to use designated routes may result in a code violation unless notification is provided and such use is due to external circumstances unrelated to applicant.

d. The Applicant is limited to no more than 50 truck trips per day.

e. Trucks transporting material must meet state licensing and permitting requirements and will be regularly checked by SBS for operational safety.

f. Trucks entering and depositing biosolid feedstock are required do so within a completely enclosed facility. No unloading of feedstock occurs until the entry bay doors are completely closed. No idling outside the facility is permitted.

7. Applicant shall give prompt written notice of all non-odor complaints of which is has notice to the Moreau Building Department. A record of all complaints shall be made available to the public on a quarterly basis.

8. All requirements set forth in the letter dated June 6, 2022, from Michael Mooney, Town Water Superintendent shall be satisfied before the issuance of a building permit. A record of water use and wastewater discharge shall be made available to the

public on a quarterly basis. Notations of water usage and wastewater generation shall be added to the final site plan set.

9. All fees associated with the project shall be paid prior to issuance of a building permit.

10. There shall be a mandatory pre-construction meeting with attendees as determined by the Zoning Administrator and Building Department.

11. The draft Emergency Response Plan and training schedule will be provided to the Town at the pre-construction meeting with a final Plan provided to the Town prior to the issuance of a Certificate of Occupancy.

12. The wood chipper utilized by the Applicant shall be limited to an electric drive, and shall be run only between the hours of 7am and 3pm, Monday through Friday, no weekends or holidays.

13. Proof of approval from DEC on the final biochar fertilizer product shall be provided to the Town.

14. There shall be signage posted around the property indicating the contact information for NYSDEC, the Town Building Department, and SBS Hotline. The signs shall be located on property boundaries facing residential properties, shall be visible from the public road, and at the entrance to the facility. The Applicant shall update the information on the signs when necessary.

15. Construction of phases 2 and 3 will be preceded by a meeting with the Planning Board to address any outstanding issues with the project. No phase shall proceed if the Planning Board determines that:

a. Applicant is not otherwise in full compliance with the terms of this Resolution;

or

b. there are other circumstances, including but not limited to, negative impacts on the community from phase 1 or anticipated for phases 2 or 3, that warrant cessation of further construction of the project.

16. Compliance with Laws –If the NYS DEC, EPA or Town of Moreau adopts regulations following the issuance of permits or other approvals that might otherwise exempt the Applicant from compliance with such regulations (for example, by reason of exemptions allowed for pre-existing uses), Applicant agrees that it shall conform its facility and operations to comply with the adopted regulations within 30 days of the effective date of the regulations. If Applicant needs additional time to comply, Applicant may request that the Planning Board grant additional time. The Planning Board may deny or grant such request and may impose conditions or restrictions on Applicant’s operation of the project pending compliance by the Applicant, as the Planning Board deems appropriate in the interests of the community. The Applicant shall cease operations in the event that it fails to comply by the applicable deadline established by the Planning Board.

By decision of the Town of Moreau Planning Board on August 25, 2022.

**APPENDIX B**  
**Contact List**

**PUBLIC PARTICIPATION PLAN  
CONTACT LIST**

<b>NYSDEC Application #: 5-4144-00187/00001</b>									
<b>Facility Name: Saratoga Biochar Solutions, LLC Carbon Fertilizer™ Manufacturing Facility</b>					<b>List Last Updated:</b>	3/14/2023			
<b>Postal Customer</b>	<b>Name, Title</b>	<b>Owner Address</b>	<b>Owner City</b>	<b>Owner Zip</b>	<b>Street Address</b>	<b>City</b>	<b>State</b>	<b>Zip</b>	<b>County</b>
<b>Local Government and Elected Officials</b>									
NA	Town of Moreau Supervisor	NA	NA	NA	351 Reynolds Road	Moreau	NY	12828	Saratoga
NA	City of Glens Falls Mayor	NA	NA	NA	42 Ridge Street	Glens Falls	NY	12801	Saratoga
NA	Village of Hudson Falls Mayor	NA	NA	NA	220 Main Street	Hudson Falls	NY	12839	Washington
NA	Village of Fort Edward Mayor	NA	NA	NA	118 Broadway	Fort Edward	NY	12828	Washington
NA	NY Assemblywoman, Carrie Woerner	<a href="mailto:woerner@nyassembly.gov">woerner@nyassembly.gov</a>	NA	NA	112 Spring Street	Saratoga Springs	NY	12866	Saratoga
<b>Adjacent Business Owners, Residents, Occupants, and/or Property Owners</b>									
NA	Spurlock Adhesives, INC				64 Farnan Road	Moreau	NY	12803	Saratoga
NA	Home of Good Shepherd Moreau				198 Bluebird Road	Moreau	NY	12803	Saratoga
<b>Town of Moreau Residents and Property Owners on Bluebird Road, Sisson Road, and Ft Edward Road within 0.5 Miles of Facility</b>									
Postal Customer 1	Town of Moreau Resident	216 Bluebird Rd	So Glens Falls	12803	216 Bluebird Rd	Moreau	NY	12803	Saratoga
Postal Customer 2	Town of Moreau Resident	204 Fort Edward Rd	Moreau	12828	204 Fort Edward Rd	Moreau	NY	12803	Saratoga
Postal Customer 3	Town of Moreau Resident	194 Fort Edward Rd	Moreau	12828	194 Fort Edward Rd	Moreau	NY	12803	Saratoga
Postal Customer 4	Town of Moreau Resident	190 Fort Edward Rd	Moreau	12828	190 Fort Edward Rd	Moreau	NY	12803	Saratoga
Postal Customer 5	Town of Moreau Resident	188 Fort Edward Rd	Moreau	12828	188 Fort Edward Rd	Moreau	NY	12803	Saratoga
Postal Customer 7	Town of Moreau Resident	184 Fort Edward Rd	Moreau	12828	184 Fort Edward Rd	Moreau	NY	12803	Saratoga
Postal Customer 8	Town of Moreau Resident	58 Sisson Rd	Moreau	12828	45-47 Sisson Rd	Moreau	NY	12803	Saratoga
Postal Customer 9	Town of Moreau Resident	204 Bluebird Rd	So. Glens Falls	12803	204 Bluebird Rd	Moreau	NY	12803	Saratoga
Postal Customer 10	Town of Moreau Resident	182 Fort Edward Rd	Moreau	12828	182 Fort Edward Rd	Moreau	NY	12803	Saratoga
Postal Customer 11	Town of Moreau Resident	PO Box 126	Fort Edward	12828	195 Fort Edward Rd	Moreau	NY	12803	Saratoga
Postal Customer 12	Town of Moreau Resident	210 Fort Edward Rd	Moreau	12828	210 Fort Edward Rd	Moreau	NY	12803	Saratoga
Postal Customer 14	Town of Moreau Resident	220 Fort Edward Rd	Moreau	12828	220 Fort Edward Rd	Moreau	NY	12803	Saratoga
Postal Customer 16	Town of Moreau Resident	PO Box 455	Saratoga Springs	12866	186-188 Bluebird Rd	Moreau	NY	12803	Saratoga
Postal Customer 17	Town of Moreau Resident	202 Bluebird Rd	So. Glens Falls	12803	202 Bluebird Rd	Moreau	NY	12803	Saratoga
Postal Customer 18	Town of Moreau Resident	32 Sisson Rd	Moreau	12828	32 Sisson Rd	Moreau	NY	12803	Saratoga
Postal Customer 19	Town of Moreau Resident	234 Fort Edward Rd	Moreau	12828	234 Fort Edward Rd	Moreau	NY	12803	Saratoga
Postal Customer 20	Town of Moreau Resident	12 Sisson Rd	Fort Edward	12828	12 Sisson Rd	Moreau	NY	12803	Saratoga
Postal Customer 21	Town of Moreau Resident	8 Sisson Rd	Moreau	12828	8 Sisson Rd	Moreau	NY	12803	Saratoga
Postal Customer 22	Town of Moreau Resident	150 Selfridge Rd	Gansevoort	12831	4-6 Sisson Rd	Moreau	NY	12803	Saratoga
Postal Customer 23	Town of Moreau Resident	58 Sisson Rd	Moreau	12828	58 Sisson Rd	Moreau	NY	12803	Saratoga
Postal Customer 24	Town of Moreau Resident	181 Fort Edward Rd	Moreau	12828	181 Fort Edward Rd	Moreau	NY	12803	Saratoga
Postal Customer 25	Town of Moreau Resident	199 Fort Edward Rd	Moreau	12828	199 Fort Edward Rd	Moreau	NY	12803	Saratoga
Postal Customer 27	Town of Moreau Resident	205 Fort Edward Rd	Moreau	12828	205 Fort Edward Rd	Moreau	NY	12803	Saratoga
Postal Customer 28	Town of Moreau Resident	26 Sisson Rd	Moreau	12828	26-28 Sisson Rd	Moreau	NY	12803	Saratoga
Postal Customer 29	Town of Moreau Resident	37 Sisson Rd	Moreau	12828	37 Sisson Rd	Moreau	NY	12803	Saratoga
Postal Customer 30	Town of Moreau Resident	35 Sisson Rd	Moreau	12828	35 Sisson Rd	Moreau	NY	12803	Saratoga

**PUBLIC PARTICIPATION PLAN  
CONTACT LIST**

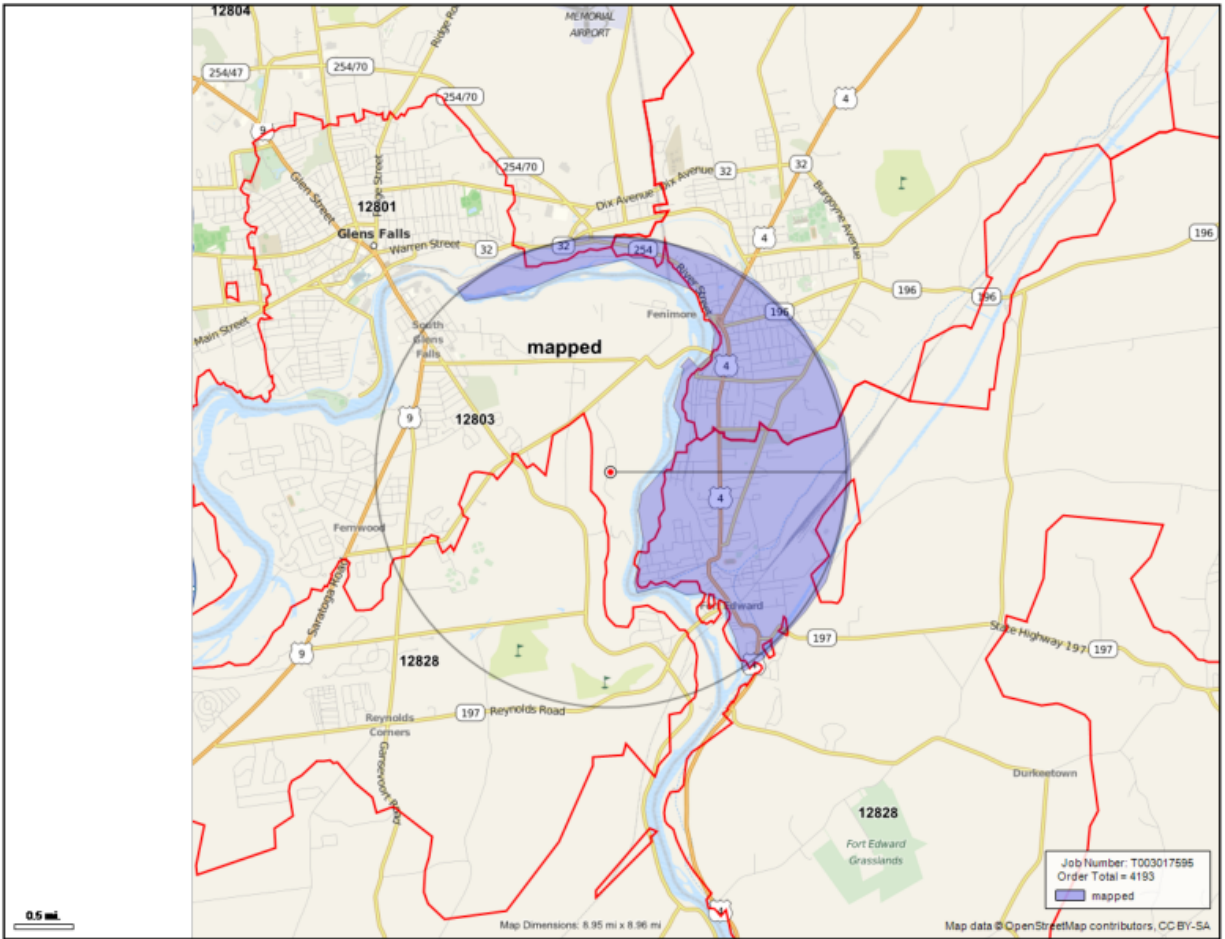
<b>NYSDEC Application #: 5-4144-00187/00001</b>									
<b>Facility Name: Saratoga Biochar Solutions, LLC Carbon Fertilizer™ Manufacturing Facility</b>				<b>List Last Updated:</b>	3/14/2023				
<b>Postal Customer</b>	<b>Name, Title</b>	<b>Owner Address</b>	<b>Owner City</b>	<b>Owner Zip</b>	<b>Street Address</b>	<b>City</b>	<b>State</b>	<b>Zip</b>	<b>County</b>
Postal Customer 31	Town of Moreau Resident	31 Sisson Rd	Moreau	12828	31 Sisson Rd	Moreau	NY	12803	Saratoga
Postal Customer 32	Town of Moreau Resident	33 Sisson Rd	Moreau	12828	33 Sisson Rd	Moreau	NY	12803	Saratoga
Postal Customer 33	Town of Moreau Resident	25 Sisson Rd	Moreau	12828	25 Sisson Rd	Moreau	NY	12803	Saratoga
Postal Customer 35	Town of Moreau Resident	19 Sisson Rd	Moreau	12828	19 Sisson Rd	Moreau	NY	12803	Saratoga
Postal Customer 36	Town of Moreau Resident	17 Sisson Rd	Moreau	12828	17 Sisson Rd	Moreau	NY	12803	Saratoga
Postal Customer 37	Town of Moreau Resident	15 Sisson Rd	Fort Edward	12828	15 Sisson Rd	Moreau	NY	12803	Saratoga
Postal Customer 38	Town of Moreau Resident	13 Sisson Rd	Moreau	12828	13 Sisson Rd	Moreau	NY	12803	Saratoga
Postal Customer 39	Town of Moreau Resident	11 Sisson Rd	Moreau	12828	11 Sisson Rd	Moreau	NY	12803	Saratoga
Postal Customer 40	Town of Moreau Resident	7 Sisson Rd	Moreau	12828	7 Sisson Rd	Moreau	NY	12803	Saratoga
Postal Customer 41	Town of Moreau Resident	9 Sisson Rd	Moreau	12828	9 Sisson Rd	Moreau	NY	12803	Saratoga
Postal Customer 44	Town of Moreau Resident	57 Sisson Rd	So Glens Falls	12803	210 Bluebird Rd	Moreau	NY	12803	Saratoga
Postal Customer 45	Town of Moreau Resident	52 Sisson Rd	Moreau	12828	52 Sisson Rd	Moreau	NY	12803	Saratoga
Postal Customer 46	Town of Moreau Resident	50 Sisson Rd	Moreau	12828	50 Sisson Rd	Moreau	NY	12803	Saratoga
Postal Customer 48	Town of Moreau Resident	206 Bluebird Rd	So Glens Falls	12803	206 Bluebird Rd	Moreau	NY	12803	Saratoga
Postal Customer 49	Town of Moreau Resident	29 Sisson Rd	Moreau	12828	29 Sisson Rd	Moreau	NY	12803	Saratoga
Postal Customer 50	Town of Moreau Resident	27 Sisson Rd	Moreau	12828	27 Sisson Rd	Moreau	NY	12803	Saratoga
Postal Customer 51	Town of Moreau Resident	203 Fort Edward Rd	Moreau	12828	203 Fort Edward Rd	Moreau	NY	12803	Saratoga
Postal Customer 52	Town of Moreau Resident	201 Fort Edward Rd	Moreau	12828	201 Fort Edward Rd	Moreau	NY	12803	Saratoga
Postal Customer 54	Town of Moreau Resident	1101 Regency Park N	Queensbury	12804	49-53 Sisson Rd	Moreau	NY	12803	Saratoga
Postal Customer 55	Town of Moreau Resident	10 Sisson Rd	Moreau	12828	10 Sisson Rd	Moreau	NY	12803	Saratoga
Postal Customer 56	Town of Moreau Resident	351 Reynolds Rd	Moreau	12828	39-41 Sisson Rd	Moreau	NY	12803	Saratoga
<b>Residents of Glens Falls, Hudson Falls, and Fort Edward within 2 Miles of Facility. See Attached Saturation Mailing Map</b>									
<b>Local Civic, Community, Environmental, and Religious Organizations</b>									
NA	Not Moreau Facebook Group	<a href="mailto:notmoreau@gmail.com">notmoreau@gmail.com</a>	NA	NA	NA	NA	NA	NA	NA
NA	Clean Air Action Network of Glens Falls	<a href="mailto:contact@cleanairactionnetwork.org">contact@cleanairactionnetwork.org</a> ; <a href="mailto:cc:tracy.frisch@gmail.com">cc:tracy.frisch@gmail.com</a>	NA	NA	NA	NA	NA	NA	NA
NA	Crandall Public Library	NA	NA	NA	251 Glen St	Glens Falls	NY	12801	Saratoga
NA	Fort Edward Public Library	NA	NA	NA	23 East St	Fort Edward	NY	12828	Washington
NA	Washington County Co-Op Extension	NA	NA	NA	415 Lower Main Street, Ste 2	Hudson Falls	NY	12839	Washington
NA	Fort Edward Village Recreation	NA	NA	NA	39 McIntyre Street	Fort Edward	NY	12828	Washington
NA	St Joseph's Church	NA	NA	NA	164 Broadway	Fort Edward	NY	12828	Washington
NA	Fort Edward American Legion	NA	NA	NA	44 Mccrea Street	Fort Edward	NY	12828	Washington
NA	Village Baptist Church	NA	NA	NA	131 Broadway	Fort Edward	NY	12828	Washington
NA	Rogers Island Visitor Center	NA	NA	NA	11 Rogers Island Drive	Fort Edward	NY	12828	Washington
NA	Hudson Falls Free Library	NA	NA	NA	220 Main Street	Hudson Falls	NY	12839	Washington
NA	LEAP Head Start River Street	NA	NA	NA	11 Saint Pauls Drive	Hudson Falls	NY	12839	Washington
NA	Gospel Lighthouse Assembly of God Church	NA	NA	NA	30 La Cross Street	Hudson Falls	NY	12839	Washington
NA	World Awareness Children's Museum	NA	NA	NA	89 Warren Street	Glens Falls	NY	12801	Saratoga

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<b>Postal Customer</b>	<b>Name, Title</b>	<b>Owner Address</b>	<b>Owner City</b>	<b>Owner Zip</b>	<b>Street Address</b>	<b>City</b>	<b>State</b>	<b>Zip</b>	<b>County</b>
NA	First Baptist Church	NA	NA	NA	100 Maple Street	Glens Falls	NY	12801	Saratoga
NA	Warren County Head Start	NA	NA	NA	11 Pearl Street	Glens Falls	NY	12801	Saratoga
NA	Hudson River Watershed Alliance	NA	NA	NA	P.O. Box 1734	Kingston	NY	12402	Ulster
NA	Riverkeeper	<a href="mailto:info@riverkeeper.org">info@riverkeeper.org</a>	NA	NA	20 Secor Road	Ossining	NY	10562	Westchester
NA	Rensselaer Environmental Coalition	<a href="mailto:info@rensselaerenvironmentalcoalition.org">info@rensselaerenvironmentalcoalition.org</a>	NA	NA	P.O. Box 228	Rensselaear	NY	12144	Rensselaer
<b>Local News Media</b>									
NA	Post Star	<a href="mailto:jdecamilla@poststar.com">jdecamilla@poststar.com</a>	NA	NA	76 Lawrence Street	Glens Falls	NY	12801	Saratoga
NA	Glens Falls Chronicle	<a href="mailto:Chronicle@loneoak.com">Chronicle@loneoak.com</a>	NA	NA	15 Ridge Street	Glens Falls	NY	12801	Saratoga
NA	Foothills Business Daily	<a href="mailto:Steve@foothillsbusinessdaily.com">Steve@foothillsbusinessdaily.com</a>	NA	NA	NA	NA	NA	NA	NA
NA	Times Union	<a href="mailto:tulegals@timesunion.com">tulegals@timesunion.com</a>	NA	NA	NA	NA	NA	NA	NA
NA	News Channel 13	<a href="mailto:mrffaele@wnyt.com">mrffaele@wnyt.com</a>	NA	NA	715 N. Pearl Street	Albany	NY	12204	Albany
NA	News Channel 10	<a href="mailto:jpetrequin@news10.com">jpetrequin@news10.com</a>	NA	NA	341 Northern Boulevard	Albany	NY	12204	Albany
<b>Administrator/Operator of Any School or Daycare that Live, Work, and/or Represent a Neighborhood or Community within the Outreach Area</b>									
NA	South Glens Falls Central School District	NA	NA	NA	42 Merritt Road, Suite 1	South Glens Falls	NY	12803	Saratoga
NA	Harrison Avenue Elementry School	NA	NA	NA	76 Harrison Avenue	South Glens Falls	NY	12803	Saratoga
NA	Oliver W. Winch Middle School	NA	NA	NA	99 Hudson Street	South Glens Falls	NY	12803	Saratoga
NA	Moreau Elementary School	NA	NA	NA	76 Bluebird Road	South Glens Falls	NY	12803	Saratoga
NA	Fort Edward Jr Sr High School	NA	NA	NA	220 Broadway	Fort Edward	NY	12828	Washington
NA	Margaret Murphy Kindergarten	NA	NA	NA	2 Clark Street	Hudson Falls	NY	12839	Washington
NA	Hudson Falls Intermediate School	NA	NA	NA	139 Maple Street	Hudson Falls	NY	12839	Washington



# Geography Breakdown



# Geography Breakdown

## Key

sfdu = Single-Family Dwelling Units

mfdud = Multi-Family Dwelling Units

trlr = Trailers/Mobile Homes, bus = Businesses

age = Median Age, inc = Median Income, hv = Median Home Value

\*\*\* indicates that the count is less than the total available for that route.

ZIP	route	city	SFDU	MFDU	TRLR	BUS	total	sat	names	income	med_hv	age	phwc
12804	C027	QUEENSBURY	1	2	0	11	14	B	0	57,667	204,546	59	50
		<b>Total</b>	<b>1</b>	<b>2</b>	<b>0</b>	<b>11</b>	<b>14</b>		<b>0</b>				
12828	C001	FORT EDWARD	308	193	0	21	522	S	0	48,000	156,160	52	52
12828	C002	FORT EDWARD	298	151	0	19	468	S	0	48,100	151,987	51	55
12828	C003	FORT EDWARD	366	84	12	31	493	S	424	54,125	170,349	61	56
		<b>Total</b>	<b>972</b>	<b>428</b>	<b>12</b>	<b>71</b>	<b>1,483</b>		<b>424</b>				
12839	C001	HUDSON FALLS	385	87	0	2	474	S	0	47,875	181,580	50	57
12839	C002	HUDSON FALLS	259	459	0	60	778	S	523	38,500	155,002	50	46
12839	C003	HUDSON FALLS	128	360	0	60	548	P	0	44,500	172,791	56	48
12839	C004	HUDSON FALLS	156	92	0	9	257	H	0	47,625	174,960	55	53
12839	C005	HUDSON FALLS	17	3	0	2	22	B	0	63,750	196,703	58	61
12839	C006	HUDSON FALLS	446	156	8	7	617	S	0	49,500	177,536	55	54
		<b>Total</b>	<b>1,391</b>	<b>1,157</b>	<b>8</b>	<b>140</b>	<b>2,696</b>		<b>523</b>				

# Demographics Breakdown

<b>Dwelling Type</b>	<b>Qty</b>	<b>Percent</b>
SFDU	2,364	56.4%
MFDU	1,587	37.8%
TRLR	20	0.5%
BUS	222	5.3%

<b>Postage Qualification</b>	<b>Qty</b>	<b>Percent</b>
Saturation	3,352	79.9%
High Density+	548	13.1%
High Density	257	6.1%
Basic	36	0.9%

**APPENDIX C**  
**Public Meeting Notice**

**Sterling Environmental Engineering, P.C.**

24 Wade Road

Latham, NY 12110

# YOU ARE INVITED

## **PUBLIC MEETING**

Saratoga Biochar Solutions, LLC

Carbon Fertilizer™ Manufacturing Facility

Saratoga Biochar Solutions, LLC has submitted an application to the New York State Department of Environmental Conservation (NYSDEC) for a Solid Waste Management Facility and State Air Facility permit for the Carbon Fertilizer™ Manufacturing Facility. A Public Participation Plan has been developed in accordance with NYSDEC Commissioner Policy 29, Environmental Justice and Permitting (CP-29). The purpose of this meeting is to inform the public about the project and to involve the community during the NYSDEC permit application review process.

## **Your Attendance is Important!**

Project personnel will be available to answer questions from the community. For additional information on the proposed project:

- Contact: Bryce Meeker by phone at 913-325-6123 or by email at [BMeeker@northeasternbiochar.com](mailto:BMeeker@northeasternbiochar.com)
- Visit the repository at: [www.saratogabiochar.com/PPP](http://www.saratogabiochar.com/PPP)

Contact the project liaison to request reasonable accommodation for a disability or interpreter services in a language other than English, so that you can participate in the call and/or to request a translation of any of the event documents into a language other than English.

## **Choose From Two Dates**

### **Tuesday | March 28, 2023 | 6 to 9 PM**

Join In Person: 214 Main Street, Hudson Falls, NY

Join Online: <https://zoom.us/join>

Meeting ID: 865 4825 1024

Passcode: 343339

Join By Phone: 1-929-205-6099

### **Wednesday | March 29, 2023 | 2 to 5 PM**

Join In Person: 214 Main Street, Hudson Falls, NY

Join Online: <https://zoom.us/join>

Meeting ID: 853 5681 2801

Passcode: 201279

Join By Phone: 1-929-205-6099

**AGENDA:**

- Project Overview
- Scope of Work
- Community Impacts
- Questions and Answers
- Background
- Project Schedules
- Proposed Mitigation Measures

**APPENDIX D**  
**Fact Sheet**

# Saratoga Biochar Solutions, LLC Fact Sheet

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**PROJECT:** Carbon Fertilizer™ Manufacturing Facility

**APPLICANT:** Saratoga Biochar Solutions, LLC

**FACILITY:** Carbon Fertilizer™ Manufacturing Facility

**NYSDEC APPLICATION NUMBER:** 5-4144-00187/00001

**A Public Participation Plan (PPP) has been developed in accordance with NYSDEC Commissioner Policy 29, Environmental Justice and Permitting (CP-29)**

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## What is the Proposed Project?

The Proposed Project will construct and operate a Carbon Fertilizer™ Manufacturing Facility located on 5.89 acres on Farnan Road within the Town of Moreau Industrial Park. The facility will receive treated non-hazardous biosolids from local and regional municipal wastewater treatment plants as well as clean wood waste to be processed into Carbon Fertilizer™ for beneficial use. To implement the proposed project, Saratoga Biochar Solutions, LLC has submitted an application for a Solid Waste Management Facility and State Air Facility permits to the New York State Department of Environmental Conservation (NYSDEC) to authorize the construction and operation of the facility. The purpose of this fact sheet is to inform the public about this proposed project and to involve the community during the NYSDEC permit application review process.

## Why does Saratoga Biochar Solutions, LLC need to construct this facility?

- Current biosolids management practices in NYS are not sustainable or consistent with the Climate Leadership and Community Protection Act (CLCPA).
- There is a need for alternative biosolid management practices.
- The facility will produce a Carbon Fertilizer™ for beneficial use as a substitute for traditional chemical fertilizers.

## How might the project affect the surrounding community?

- The facility will produce air emissions subject to engineered air treatment systems.
- The facility has potential to generate odors subject to engineered odor controls.

## How can I participate in the permit review process?

- Attend an upcoming virtual public meeting scheduled for March 28<sup>th</sup> at 6 to 9 PM or March 29<sup>th</sup> from 2 to 5 PM to learn about the project, ask questions and/or express concerns about the project.
- Ask questions, express concerns, provide input or submit by comments in writing, by phone or email to the project contact person identified below.

## Where can I get more information about the proposed project?

- Visit the online document repository at: [www.saratogabiochar.com/PPP](http://www.saratogabiochar.com/PPP) to obtain application materials, relevant documents, and information about the project.
- Contact Bryce Meeker by phone at: 913-325-6123 by email at: [BMeeker@northeasternbiochar.com](mailto:BMeeker@northeasternbiochar.com) or in writing at: 26F Congress Street #346, Saratoga Springs, NY 12866 for information on the project, instructions on how to attend the upcoming virtual public meeting, or to find out about the status of the permit application and public comment period.

## Who is responsible for reviewing the Permit Application?

- NYSDEC Region 5 Warrensburg Sub-Office, 232 Golf Course Road, Warrensburg, NY 12885, is responsible for reviewing and issuing the required permits. Tel: (518) 623-3603; email: [DEP.R5@dec.ny.gov](mailto:DEP.R5@dec.ny.gov)