South Coast Renewables, LLC

South Coast Renewables, LLC [hereinafter "the Proponent" and formally known as - Parallel Products of New England [PPNE]) is proposing a project that is subject to Massachusetts Environmental Policy Act (MEPA) review for a new solid waste handling facility located in an environmental justice community. This fact sheet describes the Proponent's project, the baseline health assessment of the communities surrounding the Project as well as air quality impacts from the PPNE project.

What is the Proponent proposing to do?

The Proponent is proposing a Project to be built in two Phases. Phase 1 is construction of a glass processing facility with solar panels (1.9 megawatts). Phase 2 is construction of a handling facility that will accept municipal solid waste (MSW) and construction and demolition (C&D) debris. Some of the glass processing facility has been built and is operating. The rest of Phase 1 will be completed early in 2022, and Phase 2 portions have not yet been built.

The glass processing includes crushing, sizing, and separation of glass by color. Processed glass is stored under cover until it is loaded into rail cars or trucks for shipment to bottle manufacturers.

MSW processing activities will include sorting equipment to remove recyclables. The facility is expected to process up to 1,500 tons per day of MSW with the residuals being shipped via rail to out-ofstate disposal facilities. The C&D will not be processed and will be loading into railcars. The post processed waste may be loaded into railcars or baled, shrink-wrapped, and sent off-site via rail for disposal.

The Proponent no longer proposes any biosolids drying operations. This change reduces on- site emissions by 50%.

Where is the Facility located?

The 71-acre project is located within the New Bedford Industrial Park at 100 Duchaine Boulevard (see Figure 1). The Project site was previously developed by Polaroid, and contains access roads, parking areas, and numerous buildings. The project is in an Environmental Justice area and is required to prepare an enhanced analysis of impacts and facilitate enhanced public participation.

As part of the Proponent's MEPA filing for the Project an enhanced analysis of impacts has been prepared.

What is an enhanced analysis of impacts?

An enhanced analysis of impacts requires the Project to describe the existing baseline health of areas within one mile of the Project and requires an analysis of multiple air pollutants and a description of measures to reduce impacts proposed by the Project.

The existing baseline health of areas within one mile of the Project was described in MEPA filings for the following diseases:

- Pediatric Asthma (by school)
- Asthma Emergency Room (ER) visits
- Asthma Hospitalizations
- Cancer
- Chronic Obstructive Pulmonary Disease (COPD) ER Visits
- COPD Hospitalizations

 Acute Myocardial Infarctions Hospitalizations

The rate of disease in areas within 1 mile of the PPNE project were compared to statewide rates to assess whether these areas experience a higher rate of disease. Broadly, the baseline health analysis in the MEPA filings indicate that New Bedford has a higher rate of disease when compared to statewide rates.

How could the project impact me?

Operation of the project will release some air pollution from its proposed operations. Traffic traveling to and from the proposed facility will generate exhaust emissions. The glass processing releases dust during the processing of the glass and air pollution from heating the building.

The processing of MSW and handling of C&D can release dust, odor, and air pollution from the equipment used to process the material, such as front-end loaders.

Emissions from stationary sources are below permitting thresholds, and total emissions are less than one-tenth of one percent of county-wide emissions.

The MEPA filings includes an analysis of the potential impacts of the air emissions. Emissions from the project were analyzed using an Environmental Protection Agency (EPA)- approved computer model to show what the air impacts could be from the Project under any weather. Air modeling results are compared to EPA and Massachusetts Department of Environmental Protection (MassDEP) health-protective standards. For odor, model results are compared to a threshold that is unlikely to cause an off-site nuisance odor condition. The predicted air pollutant and odor concentrations shown to comply with the EPA and Massachusetts standards, and to comply with the protective odor dilution threshold at homes.

As a comparison for perspective, the additional particulate matter (dust) from year-long exposure to the worst-case impact would be like spending an additional 90 minutes in highway traffic, or 30 minutes in a kitchen cooking with a gas stove. Impacts at the nearest home will be much lower and would be like spending 20 minutes in highway traffic or 7 minutes in a kitchen cooking with a gas stove.

What is the Proponent doing to mitigate its impacts?

The Proponent will control air emissions, including odor, using best available technology and procedures, as follows:

- Dust will be minimized by indoor tipping, processing and handling practices.
- Dust will be mitigated using a highpressure water misting system, and exhaust vents controlled with fabric filters.
- Exhaust from heaters and handling equipment will be minimized by using cleaner burning fuels (natural gas for heaters, electricity and ultralow sulfur diesel for handling equipment).

MSW odor will be minimized through best management practices to minimize decomposition onsite, including handling inside buildings, daily cleanup and sweeping, and following first in/first out procedures to minimize the time MSW spends onsite.

How can I learn more about the project and who can I contact with questions?

The Proponent is in the process of preparing a Supplemental Final Environmental Impact Report, as part of this report, a public hearing will occur, and MEPA will ask for public comment. Information about the project including the filings made for MEPA can be found at: <u>https://parallelproductssustainability.com/</u> <u>#new-bedford</u>

The public meetings held to discuss the PPNE Project can be found here:

https://parallelproductssustainability.com/ meetings/

A link to frequently asked questions about the Project can be found here:

http://pps2021.flywheelsites.com/q-and-a/

Should you have questions about the PPNE project or require material to be translated contact:

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