
PARALLEL PRODUCTS OF NEW ENGLAND, INC.

Massachusetts Environmental Policy Act
Expanded Environmental Notification Form

Supplemental Submittal No. 2

Site Location:

100 Duchaine Boulevard
New Bedford, Massachusetts 02745

March 2019

Prepared For:

Parallel Products of New England, Inc.
100 Duchaine Boulevard
New Bedford, Massachusetts 02745

Green Seal Environmental, Inc.

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The following supplemental submittal no. 2 to the Expanded Environmental Notification Form (EENF) has been prepared at the request of the MEPA office to provide a description of existing operations at the 100 Duchaine Boulevard site.

Parallel Products of New England (PPNE) has been operating at 969 Shawmut Avenue, New Bedford for the past 11 years. PPNE purchased the 100 Duchaine Boulevard site in 2016. Since purchasing the site PPNE has been repairing the infrastructure at the site to accommodate future company operations. In addition to the operations detailed in the Expanded Environmental Notification Form (EENF), PPNE will move all of the operations currently located at 969 Shawmut Avenue to the 100 Duchaine Boulevard site. The relocation of the Shawmut Avenue operations is currently in progress and as a result operations are currently split between the two sites. PPNE currently maintains a General Permit with MassDEP for both the Shawmut Avenue site and the Duchaine Boulevard site.

PPNE currently accepts glass, aluminum and PET containers collected through the state deposit system. This material is processed, as required, such that it can be beneficially recycled. Glass accepted at Shawmut Avenue is sized by passing through a trommel screen. The sized material is then transported to the Duchaine Boulevard site for temporary storage prior to shipment to recycling markets. At the present time there is a significant accumulation of glass at the Duchaine Boulevard site. This material has been accumulating due to difficulties in transporting this glass to out of state recycling markets as the last in state bottle manufacturer closed in 2018. In 2018, PPNE processed 37,345 tons of glass. Phase 1 of the proposed project has been designed to alleviate this problem. When Phase 1 has been completed glass bottles will be accepted at the Duchaine Boulevard. The glass processing facility constructed in Phase 1 will crush and size the glass as is currently the process at Shawmut Avenue. The glass processing facility constructed at Duchaine Boulevard will also sort the crushed glass by color and will remove contaminants such as bottle caps and labels. The result will be a higher value recycled product. The rail sidetrack constructed in Phase 1 will provide shipping capabilities to economically reach out of state bottle manufacturing plants. With the completion of the Phase 1 project, it will no longer be necessary to store large volumes of glass at the Duchaine Boulevard site.

Aluminum containers collected from the deposit system are currently baled at Shawmut Avenue and then transported to recycling markets. In 2018, PPNE processed 3,710 tons of aluminum. This operation will be relocated to the Duchaine Boulevard site within the next six months. PET containers from the deposit system are being received at Shawmut Avenue and consolidated in bales. Baled PET is then transported to the Duchaine Boulevard site for processing. At Duchaine Boulevard, the bales are broken open and the PET is further processed by grinding and

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separation by color. The processed PET is then shipped to recycling markets in super sacks for reuse in new products. In 2018, PPNE processed 3,892 tons of PET. Within the next six months PET will be accepted directly at the Duchaine Boulevard site and the processing of this material at Duchaine Boulevard will continue.

Another operation at the Shawmut Avenue site is the destruction of out of date and off spec liquid consumer products (soda, beer, etc). These liquids are accepted and are treated as required by the New Bedford wastewater treatment plant before being sent into the cities sanitary sewer system. The containers and other packaging material is then processed and recycled to the extent possible. This operation will be relocated to the Duchaine Boulevard site within the next six months. Prior to this relocation of operations, some off spec liquids are being temporarily stored within the existing buildings at Duchaine Boulevard and then shipped to Shawmut Avenue when treatment capacity is available at Shawmut Avenue.