

## **Exhibit 4**

*Evidence that the Product Use will not  
Adversely Affect Human Health  
and the Environment*

## Public Health and Safety

The composting facility recycles source separated food waste and similar compostable materials, by using a specialty “in vessel” composting technology to produce quality compost and manufactured topsoil for resale. Food waste generally includes source separated meat, poultry, fish, fruits, vegetables, dairy products and other suitable discarded food materials, along with paper products, packaging and scrap paper that are routinely mixed with the food waste.

Additionally, the facility accepts other materials, such as leaves, brush, pallets, wood chips, animal bedding and trees as a carbon source material required for the composting operation. These types of compostable materials are also used for moisture control during the composting process. Sandy soils are accepted for blending with compost to produce topsoil.

Peninsula uses a Gore® system that utilizes two phases to compost the material comprising of a twenty-eight day composting phase and a fourteen day stabilization phase. Temperatures are monitored and recorded continuously to verify that temperatures remain above 131°F for three days in order to satisfy the requirements for pathogen reduction as per 40 CFR Part 503.

Peninsula analyzes each batch of approximately 2,200 CY of finished compost material for the following parameters in order to demonstrate that it meets the end product performance criteria: maturity, soluble salts, salmonella, fecal coliform, pH, total inerts, plastic content, moisture content and carbon to nitrogen ratio and certain metals. The specific parameter limits are included in the *Compost Facility Operations Plan* in Exhibit 4.

Based on the types of materials accepted by the facility and the rigorous analytical testing completed on each batch of finished compost, it is not expected that any significant safety or health concerns to the public will be generated.

There are no other unique characteristics of the facility that would generate any additional impacts on public health and safety.