*SEPA Check List: Item 11*

*Give brief, complete description of your proposal, including the proposed uses and size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page. (Lead agencies may modify this form to include additional specific information on project description).*

## Project Description

## PacifiClean – Elk Heights Compost Facility

PacifiClean of Washington, LLC proposes to construct and operate a 83.4-acre compost facility located at 8860 Thorp Prairie Road, Cle Elum, in Kittitas County, Washington. The property is currently zoned Forest and Range, and as such it requires a Conditional Use Permit (CUP) for the proposed activity. The Elk Heights facility will be designed and operated in accordance with all applicable state and local regulations (refer to: WAC 173-350-220).

The Elk Heights facility will process yard debris, commercial and residential food waste and municipal biosolids, approximately 80% of which are generated in King and Snohomish Counties. Biosolids from the City of Ellensburg and other local municipalities will also be composted at the Elk Heights facility. The majority of finished compost will be utilized as an agricultural soil amendment in central Washington, with the balance used in residential and municipal applications.

Initially, the Elk Heights facility will be sized to process 160,000 tons of organic waste per year and to yield approximately 64,000 tons of finished compost. Within two to five years, the project goal is to expand the facility in Phase II Construction to accommodate a maximum of 320,000 tons of waste per year and produce approximately 128,000 tons of finished compost.

As part of this expansion phase, an anaerobic digester may also be constructed to produce renewable methane gas (Condensed Natural Gas or CNG) for use in generating electricity and operating a fleet of transport vehicles. The by-product of the anaerobic digestion process ("digestate") would then be further processed by aerobic composting. Anaerobic digestion will accept additional organic feedstock.

The design of the Elk Heights facility pays particular attention to mitigating potential impacts to: 1) surface water and groundwater resources; 2) air quality (volatile organic compound [VOC] emissions and dust); and 3) the neighboring community (odor, noise, traffic, aesthetics and cultural resources). The design also emphasizes the production of a superior quality finished compost product with strong market value.

The various waste materials will be received and processed in a fully enclosed tipping building that is negatively ventilated, with the captured air emissions treated by biofilteration.

Structures, in addition to the tipping building, will include an office building, a water tank for fire prevention, a maintenance building of approximate dimensions of 100 ft x 60 ft, concrete retaining walls, also used to support aeration equipment, a conveyor system, below and above grade utilities, roads and surface operating areas of crushed rock, asphalt, and concrete.

Clean surface water that falls outside of the facility boundary will be diverted around the site. Surface water that falls inside of the facility boundary will be retained in lined ponds and used in the composting process, for dust control and to irrigate undeveloped areas of the surrounding property. Compost leachate will be stored in above grade tanks and reused to moisture condition feedstock materials prior to composting.

The GORE ® Cover System will be used throughout the initial phase of composting. The Gore technology employs the Aerated Static Pile (ASP) method of composting wherein airflow is induced under positive pressure through the compost pile to maintain aerobic conditions throughout the first 30-days of composting. Maintaining aerobic conditions optimizes the biology of the system, expedites the composting process and reduces the emission of objectionable odors.

GORE ® Cover System will be placed over each of the Composting Phase 1 piles to retain and treat VOC's, manage moisture conditions within the compost pile and minimize the production of compost leachate.

Specific engineering and related studies have been conducted by qualified third-party specialists as part of the CUP Application Process. These studies include the following: 1) traffic analysis 2) noise; 3) air quality; 4) geotechnical; 5) wetlands and habitat; 5) archeological resources; 6) aesthetics; and 7) economic development. Information from these studies is incorporated in this SEPA Checklist, and the complete reports are appended to the CUP Application.

The vision for the PacifiClean Elk Height's Compost Facility is summarized in the following diagram.

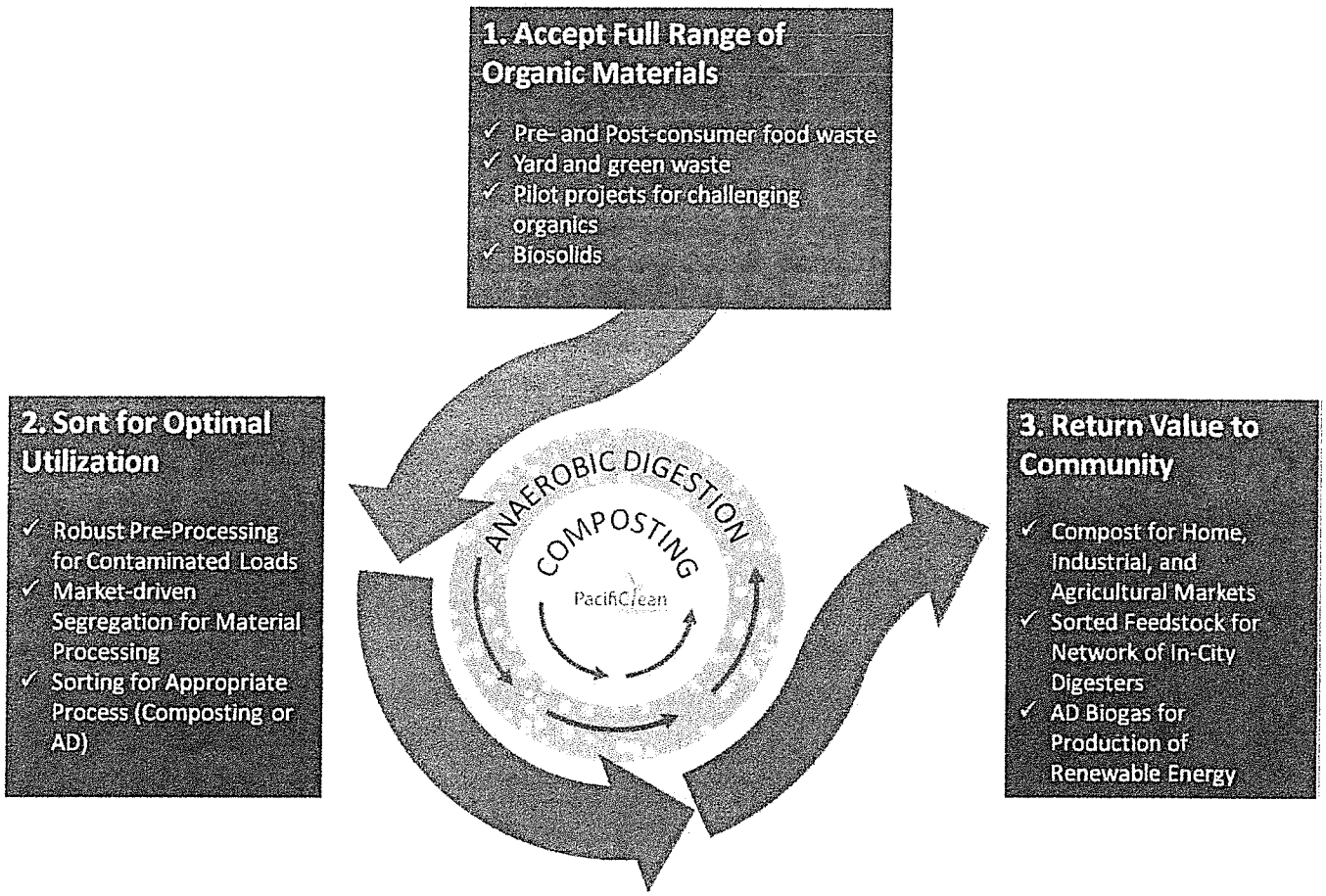


Figure 1 – PacifiClean Elk Heights Project Flow-Diagram