



Longhouse Market & Deli

Owner: Jamestown S’Klallam Tribe

Technical Description: (2) 4’ x 4’ Filterra Biofiltration Systems

Installation: May, 2008



The Jamestown S’Klallam Tribe sought to incorporate the concept of Low Impact Development (LID) long before design began on their new Longhouse Market and Deli.

Prior to design, the Jamestown Tribe established two main goals to be met by all Tribal developments. The first goal was to protect and enhance the natural resources of the Jamestown S’Klallam Tribe. The second was to diversify and strengthen the existing base of businesses owned and operated by the Tribe.

The new market is located in close proximity to two environmentally sensitive areas; the Jimmycomelately Creek estuary, and the Tribe’s gooey duck clam bed in Sequim Bay. The Tribe recognized that stormwater treatment was paramount in protecting these crucial waterways and felt incorporating LID stormwater solutions would offer the best solution to their immediate challenges.

The Tribe’s desire to maximize parking spaces while meeting the high environmental standards required by Washington’s Dept. of Ecology, made this site a particular challenge. Soils at the site were not conducive to infiltration, and a high groundwater level limited the options for utilizing LID. The Filterra Bioretention System provided a solution to the site constraint and infiltration challenges with its efficient pollutant removal and small footprint. Two Filterra units which exceeded the Tribe’s expected goals for waterway protection were installed and allowed available land to be saved for customer parking.

