



IOS Ranch is a private facility that sits on just 7.5 acres of land within the city limits of Bainbridge Island and houses up to 25 horses. The property has been under strict surveillance by the local Soil and Water District due to the proximity to streams and access to the local water source. In 2012, the owners finished a sustainably designed facility that captures all storm water runoff with natural filters that drain into a retention pond. They also have two rain water catch basins that supply the water for landscape use and arena watering. The stalls are built with sustainable bamboo and the adjoining paddocks are laid with the eco bricks that keep the sand in place and allow for easy cleaning. Solar panels line the southern facing roof of the viewing lounge and help to heat the hot water tank. The stable waste from the stalls and paddocks is treated on site in the Green Mountain Technology Earth Flow In-vessel Composting System. The Earth Flow processes the waste with total leachate, odor and vector control, and creates quality compost that is locally sold wholesale. The compost is also used by the owner on hay fields, jumping fields and land reclamation over an old gravel pit with resounding success.

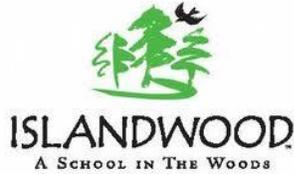
<http://www.iosranch.com/>



Hey Day Farm is dedicated to restoring 25 acres of farm land

in an historic district of Bainbridge Island. They sell organic local food: eggs, meat, dairy and produce. While it is nestled in a quaint valley they do have to protect neighbors from farm odors, vectors and unsightly manure bins as well as protect local ground water from manure nutrient run off. On site they house 20 cows, 30 pigs, 250 chickens and have 5 acres dedicated to produce. The waste from the animals, the entrails from the slaughtering of pigs and chickens, and the green waste from the produce is all processed in a Green Mountain Technology Site Built Earth Flow System. This system consists of a concrete slab, wood walls covered in stainless steel creating a three bay system. In the center bay, approximately 10' x 34', an automated auger system is mounted and has computerized control systems much like the in-vessel system. Of the outer two bays, one houses two sows with their piglets and the other is divided in half, holding both input and output material. The entire structure measures 30' x 50' and is covered by a hoop house. The cost for this manure management system is considerably less than an in-vessel system. The compost is rich in organic material and is used on the pastures and gardens of the farm. This is an important attribute for a "local grown" institution to practice a closed loop waste system.

<http://heydayfarm.com/>



Islandwood is an educational institution situated on 255 acres of forest and tidelands in the historic Port Blakely Mill District of Bainbridge Island. It is a learning center for children and adults alike, encouraging them to “discover a new way of seeing nature, themselves, and one another”; with the hope in doing so, “each person comes to understand their ability to change the world for the better”. Islandwood’s mission includes School Overnight Programs, school and graduate programs, camps, community events, conferences and celebrations. The mission is based on the institutions four pillars: Education, Environment, Community, Stewardship. They are sustainably driven and have Green Mountain Technology Earth Tubs to handle their organic waste from the kitchen, the table and the garden. The compost that is created is recycled back into the gardens that produce the fruits and vegetables for the Islandwood kitchen. The Earth Tubs are an in-vessel composting system that can handle up to 150 pounds per day of organic material. The tubs work well when two or more are used on a rotational basis.

<http://islandwood.org/>