



DHMC Rain Gardens

Dartmouth Hitchcock Medical Center in Hanover, NH uses Rain Gardens to control storm water run-off.

Completed Spring 2016

Rain Gardens, like bioretention soils, are designed to serve several different functions. Storm water run off can cause problems with surrounding landscape if left to flow at its own peril. Rain Gardens allow storm water to be channeled to a specific area and slowly infiltrate the soil to allow water to continue into the subsoil in a way that will not overwhelm the system. Rain Gardens can also aid in filtering the water as it percolates through, pulling out unwanted nutrient overloads and other pollutants, by both the make up of the soil physical properties and the plants that are selected for the site.

DHMC first installed the rain gardens with an improper soil configuration leading to detention basins that stayed saturated for days and weeks at a time. After the problem material was removed, Agresource was brought in to provided new material that filled 4 rain garden areas and allowed for storm water to infiltrate at an appropriate rate as well as provide an ideal environment for plant life to increase the aesthetics and functionality of the property.

