



Best Management Practices Eden Stone Company and Valders Stone and Marble

The growing demand for water both on a global and local level requires that we all manage water usage to the best of our abilities. Water is required in producing and fabricating dimensional stone products. Eden Stone Company and Valders Stone and Marble have implemented various Best Management Practices to protect, conserve, and reuse water, the most precious of natural resources.

At both our Eden and Valders facilities, we use water to cool and lubricate the saw blades that cut rock. To conserve water, we have installed water purification systems in Eden and Valders allowing the reuse of this water.

“Rock dust” laden water produced in the rock cutting process is directed to floor drains and pumped to the holding tank of our recently installed system. A flocculent is added to the water that draws fine particles together creating larger particles. These particles settle to the bottom of the tank and are then pumped to a mud tank. From the mud tank, the sludge is pumped to a press where excess water is squeezed out and a solid “mud cake” remains. The clear water returns to the saws for reuse and the mud cake is recycled or disposed of properly.

The main pollutant generated by nonmetallic mining operations is suspended solids. If allowed to leave the mine site in storm water run off, suspended solids can enter area streams, rivers, and lakes, fouling the water and potentially killing fish and plant life.

Eden Stone Company and Valders Stone and Marble attempt to control all storm water runoff by constructing storm water retention ponds. These ponds collect and retain storm water allowing suspended sediment to settle out prior to entering area waterways. To ensure that the ponds are operating efficiently, outflows from each pond are monitored carefully and detailed records are kept.



Eden Stone Company and Valders Stone and Marble have dramatically reduced the amount of garbage transported to area landfills by instituting a comprehensive recycling program at all facilities. Aluminum, glass, paper, cardboard, steel, and plastics, including shrink wrap and plastic bags, are recycled. Because far less energy is required to turn recycled material back into useable items, we are doing our small but important part in reducing green house gas generation.

Eden Stone Company and Valders Stone and Marble have made a substantial investment to ensure that the water we utilize is used wisely. Installing water purification systems at our two largest processing facilities minimizes our need for fresh water. Constructing storm water retention ponds at our facilities guarantees that the storm water entering our premises leaves as clean as it arrived. Our program to recycle and reduce waste is a Best Management Practice demonstrating our commitment to reduce green house gas emissions and conserve landfill space.