

WATER QUALITY

The treatment and filtration of stormwater

Water quality refers to the treatment and filtration of stormwater as it moves across surfaces in the landscape after a storm or rain event. When it rains and water lands on hard surfaces such as roofs & pavement, water is prevented from soaking into the soil and instead travels along the surface, collecting pollutants and sediments along the way, which negatively impact the quality of water.

Fortunately, there are natural and designed solutions to treat, filter and trap the pollutants and sediments before the water travels to a nearby stream or is soaked up by the soil and infiltrates below ground to recharge the groundwater table. Certain plants can absorb different contaminants better than others, so much planning, thought and research are involved in determining which plants are best suited for each unique landscape.

Water quality systems are designed to slow the speed of water, spread it out over a wide area, and use plants and soils to filter and trap pollutants.



It is important to filter and trap pollutants

