

Did you know that there is an acre of Vetiver grass on top of the closed Rock Prairie Road Landfill?

All landfills create leachate.

Leachate is the liquid that drains or 'leaches' from a landfill. It is created any time a liquid, like rainwater, filters through solid waste.

Without proper care, leachate can contaminate our groundwater.

At the Twin Oaks Landfill, all of the leachate created in the landfill is sent to the evaporation pond where it is then evaporated!

At the closed Rock Prairie Road Landfill, we had to get more creative.

Instead of transporting the leachate off-site, we use a Phyto-Utilization System that pumps leachate from extraction wells to storage tanks and then into the field of Vetiver grass through slow-drip irrigation lines.

Re-purposing the leachate not only eliminates waste, it also creates new wildlife habitats.

Since beginning operations in 2020, the system has treated over 1.3 million gallons of leachate and prevented more than 58 tons of CO2 emissions.

Looking ahead, BSWMA plans to add four more leachate sumps to increase consumption rates even further.