

PROJECT “LANDSBERGER TOR” BERLIN-MARZAHN Storm Water Harvesting and Reuse Project

In this large project (30 ha, 1.800 units), the storm water runoff from the roofs is infiltrated into an infiltration trench system. The storm water runoff from the roads is collected in a conventional storm water drain and discharged into a Storm Water Treatment and Infiltration Facility, located in a public park. The facility consists of a separate unit for mechanical treatment, a rain water lake, and a root zone treatment plant for the biological treatment. The outflow is infiltrated through ditches. The total surface area of the facility is 5.000 m².

The architectural concept is the outcome of an international competition. No storm water leaves the development area (zero runoff).

Present status: in operation since 2000

