

PROJECT ENVIRONMENTAL TECHNOLOGY PARK BRANDENBURG

Integrated Water Concept Waste Water Treatment and Reuse Project Storm Water Harvesting and Reuse Project

In this 76 ha project (34 ha built-up), the entire storm water runoff is proposed to be collected, treated and reused as a substitute for drinking water used in recreation, irrigation, toilet flushing, washing machines and still further uses where drinking water quality is not required. The excess water is infiltrated to recharge the ground water.

It is proposed that the waste water be treated in a treatment plant on site applying the most modern technology (membrane technology) and that root zone treatment technology be used for polishing and sludge stabilisation. The effluent will be reused for irrigation and the establishment of valuable wet lands within the project area. The excess waste water is infiltrated to recharge the ground water.

No waste water and no storm water should leave the development area (zero discharge of storm water and waste water).

Present status: water management in discussion, begin of construction 2001

