

General description of the bathing water in non-technical language

Todnitzsee is a lake situated around 5km south of Königs Wusterhausen in the Dahme Lake District, an area with many lakes. Together with Pätzer Vordersee and Pätzer Hintersee located to the south and the adjoining Zeesener See to the north, it is part of a chain. The outflow from the chain into the Dahme is located near Königs Wusterhausen.

The elongated, oval-shaped Todnitzsee has a surface area of 37.1ha and a maximum depth of approximately 6m.

The “Glunze”, a stream, connects Todnitzsee with Pätzer Vordersee located to the south, and which flows into Todnitzsee at the southern tip. There are not further inflows. In the north the course leaves the lake in the direction of Zeesener See.

Between Vordersee and Todnitzsee there was once a lock gate, which was recently replaced by a modern weir and a fish ladder. The aim is to made the Pätzer Lake Chain once again passable for migratory fish.

The entire Dahme Lake District was a popular recreation destination for Berliners as early as the 1920's. Weekend houses and also villas were built for wealthy people from the big city. Todnitzsee is also surrounded by residential properties and bungalow estates are situated in the pine forest, which below to Bestensee. Körbiskrug is situated at the northern tip.

In research carried out in the middle of the 1990's, Todnitzsee was categorised as being very nutrient-rich. In the past it suffered due to the waste water from the adjoining residential areas being insufficiently treated. Although the waste water treatment facilities have now been renovated, the water transparency levels, which are measured at the bathing area during the season, are extremely low with a mean value of 0.9m.

The “Bestensee” bathing area at Todnitzsee, which is tested every four weeks by the local Office for Health as per the Brandenburg Bathing Water Regulations. 2019 there was a singular exceedance of the microbiological parameter intestinal enterococci. Further exceedances of the microbiological parameters e.coli and intestinal enterococci are not measured. The bathing area is evaluated with “good”.

Sometimes blue-green algae can be observed. People who are sensitive to the algae should refrain from bathing.

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Sources

www.mediapur.de , Bestensee

www.naturschutzfonds.de

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