

3,280 km² as our mission

The River Lippe is a right-bank tributary of the Rhine. Its source is located in Bad Lippspringe and it flows into the Rhine some 220 kilometres away in Wesel. Along this course, the river undergoes an elevation differential of just 125 metres, thus displaying the typical characteristics of a lowland river. The Lippe drains large parts of the Münsterland region into the Westphalian Basin, and its lower reaches drain the Lower Rhine Plain. At its upper reaches, the Lippe mainly flows through a sparsely-populated agricultural region.

Downstream from the town of Hamm however, the population density increases significantly and the surrounding landscape is accordingly more characterized by urbanism and industrial activity. In terms of usage as waste water canals, the River Seseke and a few other tributaries of the Lippe could certainly be compared to the Emscher in this regard. Here too, mining operations near the rivers create significant challenges for water management. Therefore, a primary consideration is the flood protection system, which must be maintained through a network of dikes and pumping stations.

Of the River Lippe's total catchment area of 4,882 square kilometres, we are responsible for the 147 kilometer-long middle and lower segment of the river, encompassing an area of 3,280 square kilometres.



www.lippeverband.de

Data and Facts

LIPPEVERBAND

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The LIPPEVERBAND

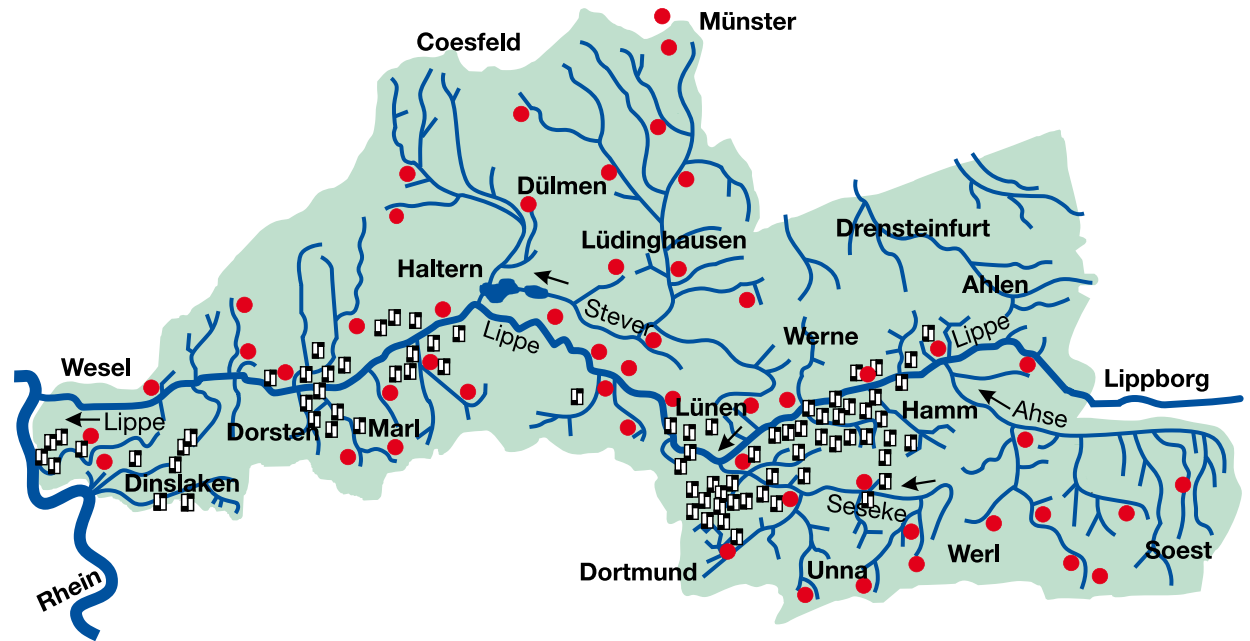
The LIPPEVERBAND (Lippe Association) was founded on January 18th 1926 as a water board responsible for the middle and lower reaches of the River Lippe. From the very beginning we have enjoyed a productive cooperation with the EMSCHERGENOSSENSCHAFT (Emscher Water Management Association), the oldest German water board. Both associations work together under the umbrella of a single, unified organization structure.

As a public corporation, the LIPPEVERBAND is supported by its members – cities, municipalities and mining and business partners. We have been active in our local region for over 80 years. Drawing on the vast experience gained during this time, we are able to offer services tailored to the specific needs of people and the commercial development of the River Lippe catchment area.

Safe – clean – efficient

In the River Emscher and River Lippe region, human activities compete with the needs of the natural environment for water resources. It is our task to ensure that these diverse requirements are brought into a sustainable state of equilibrium. Residential and commercial requirements must be taken into account, while at the same time undertaking the renaturation of a flourishing river environment rich in biodiversity – no easy task in a region which would often face flooding were it not for our intervention. In Europe's largest urban area, between Dortmund and Duisburg as well as in the northern perimeter of the Lippe region, we offer modern, cost-effective water management covering several diverse areas of responsibility:

- Sewage treatment
- Care and maintenance of waterways
- Natural remodelling of open waste water canals
- Flood protection
- Regulation of water flow
- Management of groundwater and rainwater



Waterways
Pumping stations

Sewage treatment plants

0 10 20 km

Members and catchment area

• Members	155
• Catchment area size	3,280 km ²
• Population	approx. 1.38 Mio.

Employees (as of Dec. 31, 2015)

• Permanent employees (incl. the EMSCHERGENOSSENSCHAFT)	1,557
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Waterways (as of June 30, 2016)

Waterways	395 km
Of which the River Lippe	148 km
Of which clean waterways	198 km
Of which waste water conduits	49 km

Waste water canals*

993 km

Dikes

76.13 km

Along the Lippe 32.61 km

Along tributaries 43.52 km

Plants owned by the LIPPEVERBAND

• Sewage treatment plants with a capacity of approx. 2.3 million pop. equivalent	54
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Pumping stations*

220

Waste water pumping stations	90
Water drainage pumping stations	130
• Percentage of total area drained by pumping stations	15.7 %

• Flood control reservoirs	34
• Rainwater retention basins*	76

Mixed waste water treatment plants

228

• Rainwater treatment plants*	164
• Storm water overflows*	64

* including Stadtentwässerung Hamm