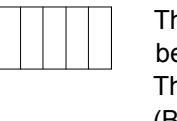
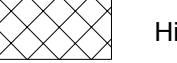


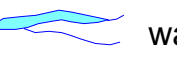


Degree of eutrophication 2001 - 2003

Quality of Surface Waters

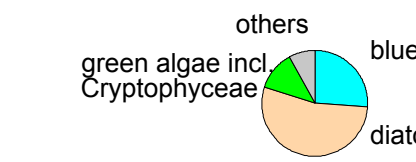
- quality class I
- quality class I-II
- quality class II
- quality class II-III
- quality class III-IV
- quality class IV

 The potential of the eutrophication (like high nutrient bid) cannot improved completely because of chemical and physical factors as well as toxicologic growth inhibition. The quality of surface waters is designated decisive by other quality factors. (Bacteriological degradation of organic substances - heterotrophic degradation)

 High blue algae concentration (Cyanophyceae) at the algae biovolume during the bathing season.

 waters  
 city limit  
 borough border

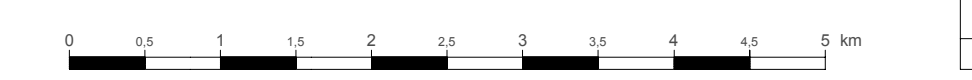
Parts of the algae biovolume during the measured period:



quality class	Chl a medium (µg/l)	TP medium (mg/l)	sighting depth medium (m)
I	1 - 4	-	4,6 - 6,0
I-II	3 - 8	0,006 - 0,018	3,5 - 5,0
<b>II</b>	<b>7 - 30</b>	<b>0,016 - 0,082</b>	<b>1,5 - 3,7</b>
II-III	25 - 50	0,067 - 0,150	1,0 - 1,7
III	50 - 100	0,150 - 0,320	0,5 - 1,0
III-IV	> 100	> 0,320	< 0,5
IV	not defined	-	-

Red marked class: quality objective intended by the LAWA working group "targets".

Basis of evaluation:  
 Proposal for the quality classification of affluents of the Havel river during the period 1. March to 31. October during 3 years (LAWA 1996) as well as the sighting depth areas and all-up phosphorus concentration (IGB).



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 - Trop Jahr 12 bis 22, Sichttiefenmessungen, -Analytik bei BBG/lat  
 - Schöpfprobe in 0,5 m Tiefe, - Auswertungen aus dem Wasserverschafflichen Informationssystem Berlin WIB  
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