

## <<北京市北护城河和亮马河水环境<治理工程环境影响评价与管理>>

### 图书基本信息

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## <<北京市北护城河和亮马河水环>>

### 内容概要

Tonghui River , Liangshui River , Qinghe River , Bahe River , flows through it and more than 30 large branch rivers interflow with the total drainage area of 1 , 255km<sup>2</sup>. The current water system of the city zone is composed of the southern and north water half-loops , which connect with 26 lakes. Many rivers and lakes were excavated manually in different historical stages. Moreover , the diversion canals of the Yongding River and the Miyun Reservoir were built after the founding of the People's Republic of China. Presently , the existing river and lake water system of the city zone is confronted with many problems , for example , the insufficient flood-carrying capacity , the hidden danger of flood ; the obviously increased rate of surface runoff with the progress of urbanization ; the lack of water source ; the high degree of pollution , the increasingly deteriorating riverside environment ; the disordered construction during the "Cultural Revolution" period did great damage to the water system and it has not yet recovered from it. Beijing is the capital of China and national political , economic , cultural center , and also a centuries-old civilized ancient capital. The upcoming Beijing 2008 Olympic Game makes it advance toward an international metropolitan and its special position and development prospect bring up higher requirement of the environment. In the light of the present situation and the future development requirement , the comprehensive treatment of the city water system is put on the top of our agenda. In 1997 , with the support of Beijing Municipal People's Government , China Academy of Urban Planning and Design prepared the "Plan for Comprehensive Control of Beijing City-Zone River and Lake Water System" , in which the work task between 1998 and 2010 was put forward. The objective of water environmental control is : to turn the water system within the first and second ring road into garden landscape watercourse , and make the water clean and flow merrily ; to enhance the flood control capability of the city zone and practically implement the projects of the "water conservation of the west , water drainage of the east , flood diversion of the south and north" ; to develop the sewage intercepting project of the water system within the limit of the first and second ring road and make the quality of water meet standard ( GHZB 1-1999 ) . "Two rings" , i.e. south waterlocked system and north waterlocked system , are the two water systems passing through the city zone. The southern one is composed of the Kunming Lake , the Kunyu section of the diversion canal of Miyun Reservoir , Yuyuan Pond , Bayi Lake , the lower reaches of the diversion canal of Yongding River , the south city moat and the upper reaches of Tonghui River , etc. ; the northern one is composed of the Changhe River , the North Moat , Liangma River , Shuidui Lake ( in Chaoyang Park ) , Honglingjin Lake ( in Honglingjin Park ) and Erdao Gou.

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