

General Introduction of ● Municipal Wastewater System in Xi'an

Background Information about Municipal Wastewater System in Xi'an

- Population: 3,260,000
- Areas: 187km²
- Sewer system:
 - Partly combined sewer system (Downtown)
 - Partly separate sewer system (Other areas)
- Total sewer length:835.4km in which the length of rain pipe is 345.4km and that of sewage pipe is 490km.
- Total service areas:152.2km²

Sewer System and Treatment Policy

- Separate sewer system
- The whole city is divided into six zones (Districts) according to:
 - Geography
 - Industrial and economic activities
 - Service function
- Six centralized treatment plants will be built

西安市排水工程规划

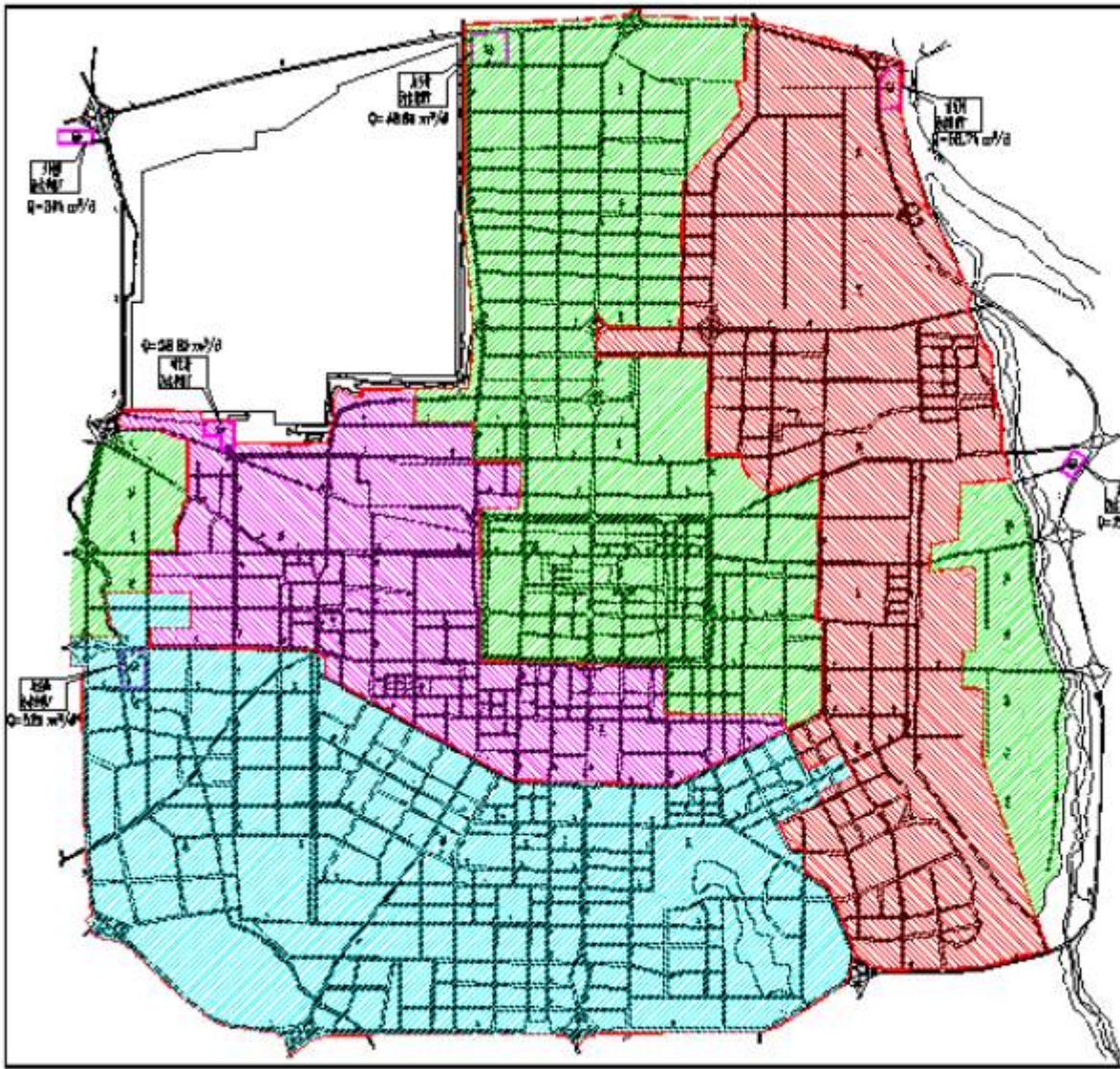
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污水规划



- 图例
- 现状道路红线
 - 规划道路红线
 - 现状污水管
 - 规划污水管
 - 现状雨水管
 - 规划雨水管
 - 现状河道
 - 规划河道

比例尺	图例	说明
1:50,000	—	现状道路红线
1:50,000	—	规划道路红线
1:50,000	—	现状污水管
1:50,000	—	规划污水管
1:50,000	—	现状雨水管
1:50,000	—	规划雨水管
1:50,000	—	现状河道
1:50,000	—	规划河道



Sewer System and Service areas in Xi'an

Municipal Wastewater Treatment Situation in Xi'an

No	Name	Service areas(km ²)	Capacity (*10 ⁵ m ³ /d)	
1	Beishiqiao	48.5	15	In operation
2	Dengjiacun	24.9	16	Under construction (in operation at the end of 2002)
3	Dianzicun	45.0	25	In plan (in operation at the end of 2004)
4	Fangzhicheng	21.0	10	
5	Yuanlecun	45.7	20	
6	Wenlebao	33.4	10	
Total		218.5	96	

Bird View of Beishiqiao WWTP





Bird View of Dengjiacun WWTP

Target to be pursued at the end of 2004

- Three WWTPs will be in operation;
- Treatment capacity will reach $51 \times 10^4 \text{m}^3/\text{d}$;
- The percentage of municipal wastewater treated in Xi'an will reach more than 60%.