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????????????????20m3/d??

2? A/O?

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A??2~4????????????????????????????????1~1.2M????????????????????
??30~35g/l,????????0.35~0.30kgCODcr/kg(ss).d? B
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????????????2.5????????1.15kgBOD5/m3.d????????????1.5????????0.768kgBOD5/m3.d?A/O??
??A/O????A2/O?A3/O????????????
?

3?SBR?

??SBR????????????????????????????????
??—SBR???
——??—????????????????SBR????????????????????0.1~1.3 kgBOD5/m3.d????????????0.1
OD5/m3.d??SBR?
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4???? ???A????????B????????C????????D????-
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Sewage treatment plant is the "kidney" of the city, which is indispensable. Reporters learned on July 15 that six sewage treatment plants under construction in Nanning are expected to be commissioned within this year, when the scale of sewage treatment in Nanning will rise to a new level.

On July 15, workers were laying the last floor of the biological pond at the site of the project of water quality improvement and phase III of the Jiangnan Sewage Treatment Plant. According to project manager Ou Liangrui, Jiangnan Sewage Treatment Plant is the largest planned and designed sewage treatment plant in Guangxi. It is planned to be constructed in four phases. The total planned and designed sewage treatment scale is 960,000 cubic meters per day. The first and second phases of the project have been completed, and the sewage treatment scale is 480,000 cubic meters per day.

As the plant also undertakes the sewage treatment work in Liangqing District and High-tech Zone, it has been fully operated at present, so the construction of the third phase project is imminent. It is understood that the construction of the project will begin at the end of 2017, and the pilot operation of the project will be realized by August 16 this year as planned. The sewage treatment capacity of Jiangnan Sewage Treatment Plant will be increased to 720,000 cubic meters per day after it is officially put into operation. Moreover, the effluent quality will be raised from the national level B standard to the national level A standard, which means that the treated sewage can be used as urban landscape water and general reuse water, and then discharged back to Yongjiang River.

In addition, the third phase of Jiangnan Sewage Treatment Plant will also improve the deodorization level of sewage. According to reports, the third phase of the project will carry out closed deodorization of all odor sources. On the basis of the traditional biological soil deodorization process, ion deodorization process will be added. This is the first time that Guangxi Sewage Treatment Plant has adopted this technology to add a protective barrier to the surrounding environment. In the future, Jiangnan Sewage Treatment Plant will become a popular science education base open to the public, which integrates scientific experiments and environmental protection education. It will publicize the knowledge of green water treatment to the public and advocate the concept of green development.

Similar to the third phase of Jiangnan Sewage Treatment Plant, there are also sewage treatment plants downstream of Xinwei River. According to the plan, the sewage treatment plant will be commissioned by September 25. It is reported that the treatment of black and odorous water body in Nanning has entered a critical stage, and the construction of sewage treatment plant is very important. Within this year, Shuitangjiang Sewage Treatment Plant, Ximingjiang Sewage Treatment Plant, Santang Sewage Treatment Plant Phase II and Tuodong Sewage Treatment Plant Phase IV will also enter the trial operation stage. In 2020, five sewage treatment plants will be built in the upper reaches of Xinwei River, Chaoyang River (upper reaches), Nanning Logistics Park, Maoqiao Lake and Linliqiao of Naping River.