



VOL.28 NO.24

ISSN1000-4602

CN12-1073/TU

# 中国给水排水

著名商标

(ZHONGGUO JISHUI PAISHUI)

CHINA WATER & WASTEWATER

## 厚学载任 知深行远

### 承担国家“十二五”水专项课题 探索未来供水之路



WPG 北京威派格科技发展有限公司

ISSN 1000-4602

住房和城乡建设部 主管



主办 中国市政工程华北设计研究总院  
国家城市给水排水工程技术研究中心



# 工程应用篇

## 目 次

(卷 终)

### 广州市西江引水工程专栏

西江引水工程实时数据采集和综合分析系统的构建 ..... 岑国锋,匡 科(1)

#### 述评与讨论

供水管网漏损控制研究进展 ..... 徐 强,陈求稳,顾军农,等(5)  
合肥市老城区初期雨水污染调蓄工程方案 ..... 张显忠(10)  
负压(真空)排水流体摩擦阻力的计算分析与探讨 ..... 张 健,聂璋义,李 萌(14)  
扬州市六圩污水厂两种深度处理工艺的比较 ..... 张 颖,仲巍巍,严俊泉,等(18)  
南京市浦口区排水专项规划修编若干问题的探讨 ..... 田 娜,谈永锋,张开龙,等(23)  
南方某小城镇给水排水系统规划 ..... 万玉山,李 娜,彭明国,等(28)  
上海对污染物超量削减实施补贴政策的效果 ..... 张爱平,王 涌(31)  
城市雨水径流中颗粒物冲刷迁移规律研究进展 ..... 王建龙,车 伍,李俊奇(35)

#### 设计经验

涡流澄清池/纤维束滤池组合工艺在中水处理厂的应用 ..... 倪 宁,李如祥,彭长刚(39)  
曝气生物滤池在包头市东河东中水处理厂的应用 ..... 段连钧,谷兆全,高颖艳,等(42)  
UCT工艺在工业园区污水处理厂的应用 ..... 何国钢,肖国仕(45)  
MBR工艺处理污水效果及影响因素分析 ..... 蒋岚岚,张万里,杨薇兰,等(49)  
超滤/反渗透工艺在生活水厂中的设计应用 ..... 杨 勇,沈晓铃,蒋岚岚(53)  
一体式生物接触氧化/土地渗滤系统处理农村污水 ..... 张 俊,周 航,赵自玲,等(57)  
天津市太阳能热水系统设计参数的取值建议 ..... 张淑英,刘建华,杨政忠(60)

#### 工程实例

屠宰废水处理工程的设计及运行 ..... 李 慧,李 涛,王 文,等(64)  
水解酸化/三级生物接触氧化工艺处理屠宰废水 ..... 程 婷,陈 晨,戴友芝,等(67)  
核电站砂石加工厂生产废水处理工程 ..... 李建军(71)  
硅藻精土物化/BAF工艺处理回用玻璃纤维废水 ..... 陈林华,韩东浩,倪吾钟,等(75)  
桂林市七里店城镇污水处理厂的提标节能改造实践 ..... 魏建文,魏 玮,王敦球,等(78)  
敌百虫生产废水处理工程的升级改造 ..... 解彦刚,蔡 凤,张益平(83)  
Fe/C-Fenton-MBBR工艺处理高浓度硫酸盐废水 ..... 许 劲,谈 涛,李跃华,等(86)  
垃圾焚烧厂渗滤液处理工程改造及调试 ..... 黄志聪,汪晓军(91)  
绍兴污水厂三期自控系统的优化与改造 ..... 姚 斌,蔡芝斌,丁媛媛,等(95)

#### 分析与监测

固相萃取-气相色谱/质谱法测定地表水中硝基苯类化合物 ..... 任衍燕,华 勃(99)  
阻抑动力学光度法测定环境水样中痕量镍(II) ..... 高 焯,王晓菊(101)

#### 规范与标准

对《气体灭火系统设计规范》(GB 50370—2005)的建议 ..... 盛 杰(105)

信息:(4)、(38)、(52)、(90)、(94)、(108) 版权声明:(13) 书讯:(56)

# ENGINEERING APPLICATION EDITION

## C O N T E N T S

( Volume End )

### XIJIANG RIVER WATER DIVERSION PROJECT TOPIC

- Establishment of Real-time Data Collection and Integrative Analysis System of Xijiang River Water Diversion  
Project ..... CEN Guo-feng, *et al.* ( 1 )

### REVIEWS AND DISCUSSIONS

- Comprehensive Review of Leakage Control Studies for Water Distribution Pipe Network ..... XU Qiang, *et al.* ( 5 )  
Storage Scheme for Initial Rainwater Control in Old Urban Area of Hefei City ..... ZHANG Xian-zhong ( 10 )  
Analysis and Discussion on Calculation of Fluid Friction Resistance in Negative Pressure ( Vacuum )  
Drainage System ..... ZHANG Jian, *et al.* ( 14 )  
Comparison between Two Types of Advanced Treatment Processes in Yangzhou Liuwei WWTP ..... ZHANG Ying, *et al.* ( 18 )  
Discussion on Several Problems in Revision of Special Planning for Urban Drainage in Pukou District, Nanjing  
City ..... TIAN Na, *et al.* ( 23 )  
Planning of Water Supply and Drainage System for a Small Town in Southern China ..... WAN Yu-shan, *et al.* ( 28 )  
Effect of Subsidy Policy for Pollutants Reduction in Shanghai ..... ZHANG Ai-ping, *et al.* ( 31 )  
Flushing and Migration Laws of Particulate Matters in Urban Stormwater Runoff ..... WANG Jian-long, *et al.* ( 35 )

### DESIGN EXPERIENCES

- Application of Combined Process of Vortex Clarifier and Fiber Bundle Filter in Reclaimed Water Treatment  
Plant ..... NI Ning, *et al.* ( 39 )  
Application of Biological Aerated Filter in Baotou Donghedong Reclaimed Water Treatment Plant ..... DUAN Lian-jun, *et al.* ( 42 )  
Application of UCT Process in Wastewater Treatment Plant in Industrial Park ..... HE Guo-gang, *et al.* ( 45 )  
Analysis on Treatment Effect and Influence Factors of MBR Process ..... JIANG Lan-lan, *et al.* ( 49 )  
Design and Application of UF/RO in Living Waterworks ..... YANG Yong, *et al.* ( 53 )  
Integrated Biological Contact Oxidation/Soil Infiltration System for Treatment of Rural Domestic Sewage  
..... ZHANG Jun, *et al.* ( 57 )  
Suggestions on Design Parameter Values of Tianjin Solar Hot Water System ..... ZHANG Shu-ying, *et al.* ( 60 )

### PROJECT CASES

- Design and Operation of Slaughterhouse Wastewater Treatment Engineering ..... LI Hui, *et al.* ( 64 )  
Hydrolytic Acidification/Three-stage Biological Contact Oxidation Process for Treatment of Slaughterhouse  
Wastewater ..... CHENG Ting, *et al.* ( 67 )  
Treatment Project of Wastewater from Processing of Sand and Gravel for Construction of Nuclear  
Power Station ..... LI Jian-jun ( 71 )  
Treatment and Reuse of Glass-fiber Wastewater Using Refined Diatomite Physicochemical Treatment and  
Biological Aerated Filter ..... CHEN Lin-hua, *et al.* ( 75 )  
Upgrading and Reconstruction of Qilidian Sewage Treatment Plant in Guilin ..... WEI Jian-wen, *et al.* ( 78 )  
Upgrading of Trichlorfon Wastewater Treatment Project ..... XIE Yan-gang, *et al.* ( 83 )  
Combined Process of Fe/C Micro-electrolysis, Fenton Oxidation and MBBR for Treatment of High-sulfate  
Wastewater ..... XU Jin, *et al.* ( 86 )  
Reconstruction and Commissioning of Leachate Treatment Project in Waste Incineration Plant ..... HUANG Zhi-cong, *et al.* ( 91 )  
Optimization and Transformation of Automatic Control System in Third-stage Project of Shaoxing Sewage  
Treatment Plant ..... YAO Bin, *et al.* ( 95 )

### ANALYSIS AND MONITORING

- Determination of Nitrobenzene Compounds in Surface Water by SPE-GC/MS ..... REN Yan-yan, *et al.* ( 99 )  
Determination of Nickel ( II ) in Water Samples by Inhibitory Kinetic Spectrophotometric Method ..... GAO Ye, *et al.* ( 101 )

### CODE AND STANDARD

- Suggestions on Code for Design of Gas Fire Extinguishing Systems ..... SHENG Jie ( 105 )