

工程应用篇

目 次

广州市西江引水工程专栏

- 西江水源置换的管网水质模拟中试研究 区科,苏宇,袁永钦,等(1)
西江水源置换模式及管网平稳置换的保障措施 董玉莲,陈诚,潘铁军,等(7)

述评与讨论

- 浅谈水业国际工程如何规避风险 张述超,张藜,金宏(11)
郑州市中心城区再生水专项规划介绍 梁伟刚(13)
关于我国生活饮用水卫生标准实施方案的建议 由阳,石炼,孙增峰,等(17)
城市供水管网 GIS 系统的建设管理与维护 戴雄奇,朱戈文,边靖(21)
广州市中心城区内涝分析及对策 郭常安,邓立鸣(25)
A²O—曝气生物滤池深度生物脱氮除磷工艺分析 陈永志,彭永臻,王建华,等(29)

热点专题(太湖流域水污染治理)

- 江苏太湖流域污水处理厂一级 A 提标改造技术总结 何伶俊,汪勇,黄皓,等(33)

设计经验

- 两级 A/O-Fenton-BAF 工艺处理垃圾渗滤液 周文龙,汪晓军(40)
MBR 工艺处理垃圾渗滤液的设计参数探讨 杜昱,林伯伟,李洪君,等(43)
松原生活垃圾卫生填埋场工程设计 韦新东,高尚,王晓玲(47)
唐钢城市中水与工业废水综合利用工程 苗利利,祝群力,尹士海,等(51)
山地城市高落差“嵌岩式跌水箱涵”排水系统设计 张智,余薇薇,毕生兰,等(57)
大庆石化污水厂改扩建工程生化池的优化设计 盛雪芹,武占华,王晓阳,等(61)
南通开发区污水处理厂二、三期工程的设计及运行比较 陈卫平(65)

工程实例

- 改良化粪池/地下土壤渗滤系统处理农村生活污水 闫亚男,张列宇,席北斗,等(69)
水解酸化/曝气/气浮/Fenton 工艺处理造纸废水 刘丽,罗松柏,谢智华(73)
PLC 在 MBR 膜生活污水处理系统中的应用 姜路,杨丽芳,张文波,等(76)
豆制品废水处理工程实例 李宁,陈云翔,姜涛,等(79)
UASB/微电解/Fenton/混凝/SBR 处理垃圾渗滤液 郑垒,颜智勇,张赛军,等(82)

节水与回用

- 炼钢生产用循环冷却水系统的节水改造 谭立国,刘金,郭春艳,等(85)
上海虹桥综合交通枢纽的雨水收集与利用 张辰,陈嫣,张惠锋,等(88)

分析与监测

- 污水中总氮和总磷连续测定方法探讨 周雪莲,史镇辉,陈强,等(93)

运行与管理

- 降低供水产销差率的途径与方法 万金,周良法,沈亚辉,等(95)
微孔曝气器的清洗方案改进及实施效果 薛媛媚,王斌,朱景刚,等(98)

施工与监理

- 椒江市污水厂二期工程地基真空预压处理原位监测 黄华治,方湖晓,边靖(101)

技术交流

- 吐丝酸工艺废水的资源化利用 成信荣,李学字(105)
曝气沉砂池浮渣筛选装置的改造 林萃(107)

版权声明:(50) 企业动态:(72)、(75)、(100)、(104)

ENGINEERING APPLICATION EDITION

C O N T E N T S

XIJIANG RIVER WATER DIVERSION PROJECT TOPIC

Pilot-scale Study on Water Quality Simulation of Water Distribution System during Replacement with Xijiang River Source Water	KUANG Ke, et al. (1)
Determination of Xijiang River Water Source Replacement Pattern and Guarantee Measures for Steady Replacement in Pipe Network	DONG Yu-lian, et al. (7)

REVIEWS AND DISCUSSIONS

How to Avoid Risk of International Engineering of Water Industry	ZHANG Shu-chao, et al. (11)
Introduction to Reclaimed Water Specific Plan in Central Area of Zhengzhou City	LIANG Wei-gang (13)
Suggestion on Implementation Program of Chinese Standards for Drinking Water Quality	YOU Yang, et al. (17)
Construction, Management and Maintenance of GIS in Municipal Water Supply Network	DAI Xiong-qi, et al. (21)
Analysis and Countermeasure of Waterlogging in Central Urban Area of Guangzhou	GUO Chang-an, et al. (25)
Advanced Biological Phosphorus and Nitrogen Removal by Combined Process A ² /O and BAF	CHEN Yong-zhi, et al. (29)

HOT TOPIC(Pollution Control in Taihu Lake Basin)

Summary of Technical Innovations for Upgrading and Retrofitting of MWWTPs for First Level A Criteria in Taihu Lake Basin of Jiangsu Province	HE Ling-jun, et al. (33)
--	--------------------------

DESIGN EXPERIENCES

Combined Process of Two-stage A/O, Fenton Oxidation and BAF for Treatment of Landfill Leachate	ZHOU Wen-long, et al. (40)
Discussion on Design Parameters of MBR Process for Treatment of Landfill Leachate	DU Yu, et al. (43)
Project Design of Songyuan Municipal Solid Waste Landfill Site	WEI Xin-dong, et al. (47)
Comprehensive Utilization Project of Municipal Reclaimed Water and Industrial Wastewater in Tangshan Iron and Steel Co. Ltd.	MIAO Li-li, et al. (51)
Design of Drainage System of Rock-socketed Water Drop Box Culverts with High Fall in Mountainous City	ZHANG Zhi, et al. (57)
Optimization Design of Biochemical System in Reconstruction and Extension Projects of Daqing Petroleum Refinery Wastewater Plant	SHENG Xue-qin, et al. (61)
Comparison of Design and Operation of Second-phase and Third-phase Projects of Nantong Development Zone Wastewater Treatment Plant	CHEN Wei-ping (65)

PROJECT CASES

Treatment of Rural Domestic Sewage by Modified Septic Tanks/Subsurface Soil Infiltration System	YAN Ya-nan, et al. (69)
Hydrolysis Acidification/Biolak/Air Flotation/Fenton Process for Treatment of Papermaking Wastewater	LIU Li, et al. (73)
Application of PLC in MBR Domestic Sewage Treatment System	JIANG Lu, et al. (76)
Engineering Case on Treatment of Bean Product Wastewater	LI Ning, et al. (79)
UASB/Microelectrolysis/Fenton Oxidation/Chemical Coagulation/SBR Process for Treatment of Landfill Leachate	ZHENG Lei, et al. (82)

WATER CONSERVATION AND REUSE

Energy-saving Reconstruction Case of Circulating Cooling Water System for Steel Production	TAN Li-guo, et al. (85)
Rainwater Harvesting and Utilization in Hongqiao Transportation Junction	ZHANG Chen, et al. (88)

ANALYSIS AND MONITORING

Continuous Determination Method of Total Nitrogen and Total Phosphorus in Wastewater	ZHOU Xue-lian, et al. (93)
--	----------------------------

OPERATION AND MANAGEMENT

Ways and Method for Reducing Difference Rate between Water Production and Sale	WAN Jin, et al. (95)
Improvement of Cleaning Scheme of Microporous Aerator and Its Execution Effect	XUE Yuan-mei, et al. (98)

CONSTRUCTION AND SUPERVISION

In-situ Monitoring for Vacuum Preloading Treatment of Foundation in Second-phase Project of Jiaojiang Sewage Treatment Plant	HUANG Hua-zhi, et al. (101)
--	-----------------------------

TECHNICAL EXCHANGE

Resource Utilization of Tobias Acid Wastewater	CHENG Xin-rong, et al. (105)
Reconstruction of Screening Device of Scum in Aerated Grit Chamber	LIN Cui (107)