Water Environment Laboratory Solutions Newsletter
2004 Author and Subject Index

Air pollution
- Evaluation of field-based odor assessment devices 11(5):8-11
- Limits for wastewater plants 11(1):15
- Wastewater treatment plants exempt from organic-liquids distributor _____ rules 11(2):13

Allen, Lisa 11(6):1-5
American Council of Independent Laboratories (ACIL)
- Signs agreement with U.S. EPA 11(3):14

Analytes
- Ammonia 11(5):13
- Arsenic 11(1):1-5
- Atrazine 11(1):13
- Biochemical oxygen demand 11(2):5-8
- Chlorine 11(4):12
- Chromium 11(1):1-5
- Cyanide 11(5):1-5
- Dioxin in biosolids 11(1):14
- Emerging contaminants 11(4):1-6
- *Enterococci* 11(4):7-8
- *Escherichia coli* 11(4):7-8
- Ethanol 11(1):7-11
- Mercury 11(2):13
- Methyl-*t*-butyl ether 11(1):7-11
- Nonylphenol 11(2):1-5
- Perfluorinated chemicals 11(6):14
- Sludge volume index 11(3):10-12
- Tributyltin 11(2):1-5
- Uranium 11(4):15
- Volatile organic compounds 11(4):11

Automation
- Of mass balance readings 11(3):1-6
- Sludge volume measurements 11(3):10-12

Beaches Environmental Assessment and Coastal Health Act of 2000
- Grants available 11(4):8-9
- U.S. EPA acts to ensure compliance 11(4):7-8

Biochemical oxygen demand (BOD)
- Quiz 11(1):11
- Substituting TOC for _____ and COD 11(6):1-5
- Using simple respirometric method 11(2):5-8

Biosolids
- Dioxin in 11(1):14
- Metals in 11(3):7-8

Boyles, Wayne 11(6):1-5

Caporuscio, Christian 11(1):7-11
Capulong, Christopher 11(1):7-11
Certification
    Exams 11(2):1-4
Chiang, Chow-Feng 11(2):5-8
China
    Shanghai strives for cleaner restrooms, better bathroom etiquette 11(6):15
Collard, Rick 11(3):1-6
Data quality
    California woman sentenced for testing fraud 11(3):15
    Ethical issues regarding 11(4):1-7
    Reading mass measurements directly into computer 11(3):1-6
    Sampling, analysis procedures 11(4):1-7
    Significant figures 11(5):12-13
U.S. Department of Homeland Security
    Funds microbial risk assessment center 11(5):14
Detection Limits
    Alternative to EPA's method detection limit calculation 11(6):6-9
    Complications analyzing low levels of cyanide 11(5):1-5
    U.S. EPA mulls stakeholder input on detection and quantitation 11(6):12
Disinfection
    Heat-loving bacteria may offer better hydrogen peroxide removal 11(6):14
    Risk assessment of byproducts 11(2):12
    Silver–ultraviolet combination treatment effective for 11(4):15
    Toxic disinfectant lingers in U.S. waters 11(6):13
Doss, Margaret 11(2):1-4
Durkin, Brenna 11(6):1-5
Dye, Bobby 11(5)8-11
Earn, Ernest 11(3):8-9
Emergency preparedness
    Getting ready for a hurricane 11(6):1-6
U.S. Environmental Protection Agency
    Addresses utilities' alleged misrepresentation of lead levels 11(6):13
    Announces Clean Beaches Plan 11(4):7-8
    Benjamin Grumbles named acting assistant administrator for water 11(2):12
    Compiles laboratory index 11(4):15
    Considers chlorine training 11(1):6-7
    Direct final rule for uranium methods 11(4):15
    Effects of effluent guidelines unknown 11(6):13-14
    Environmental technology verification program 11(2):10
    Launches septic system information Web site 11(5):14
    Mulls stakeholder input on detection and quantitation 11(6):12
    Names Stephen L. Johnson deputy administrator 11(5):15
    Office of Inspector General claims drinking water quality overstated 11(3):14
    Promulgates air pollution limits for wastewater plants 11(1):15
    Proposes to simplify fraction of compounds biodegraded calculation 11(5):13-14

Proposes changes to sampling, analysis procedures 11(3):1-7
Proposes pathogen criteria for coastal recreational waters 11(5):15
Proposes to exclude pigment dyes from hazardous waste regulations 11(1):14-15
Re-evaluates water quality criteria for ammonia 11(5):13
Region 5 biosolids metals analysis 11(3):7-8
Reorganizes Science Advisory Board 11(1):13
Sets designated uses for Puerto Rico waterways 11(2):13
Signs agreement to develop detection and early warning system 11(4):15
Signs agreement with ACIL 11(3):14
Stresses balance between environmental, human needs 11(1):13
Electricity
From wastewater with a microbial fuel cell 11(2):13-14
Equipment
Automating mass balance readings 11(3):1-6
European Union
Acts on member states' failure to comply with water quality laws 11(2):12
Agricultural pollution in 11(1):15
LIFE-Environment program 11(1):14-15
Fair, Christopher 11(6):1-5
Fecal coliform
Quiz 11(4):10
U.S. Geological Survey (USGS)
Report on water consumption 11(3):15
Georgian, Thomas 11(6):6-10
Groundwater
Detecting ethanol in 11(1):7-11
Published draft water quality criteria for atrazine 11(1):13
Grosser, Zoe 11(1):1-5
Gulino, Carl 11(5):1-5
High performance liquid chromatography
In chromium, arsenic analysis 11(1):1-5
Hultgren, Donavin 11(5):1-5
Johns Hopkins University
Researchers devise equation to predict pollutant life 11(6):9-10
Kemp, Ray 11(3):10-12
Kim, In S. 11(2):5-8
Knies, Cas 11(6):1-5
Lead
U.S. EPA addresses utilities' alleged misrepresentation of lead levels 11(6):13
Metals
U.S. EPA Region 5 _____ analysis 11(3):7-8
Speciation 11(1):1-5
Dentists extract mercury from office wastestreams 11(2):13
Sample preparation quiz 11(3):9
Miller, Mandy 11(6):1-5
Mirea, Gabriela 11(5):1-5

Mixed liquor suspended solids
Analysis 11(1):12
Molina, Miguel 11(3):10-12
National Association of Counties
Supports U.S. EPA water quality trading policy 11(5):15
Nitrogen
Causes coral reef destruction 11(2):14
Neubauer, Ken 11(1):1-5
Odor
Evaluation of field-based _____ assessment devices 11(5):8-11
Osborn, Kenneth E. 11(6):6-10
Oxenford, Leah 11(3):10-12
Parker, David 11(5):8-11
Persistent organic pollutants
Report on _____ adopted by European parliament committee 11(2):12-13
Treaty to eliminate _____ becomes effective 11(2):14-15
Pharmaceuticals and personal care products
As emerging contaminants 11(4):1-6
Wastewater treatment transforms drugs in unexpected ways 11(6):12-13
Quality control
Analytical challenges of low cyanide levels 11(5):1-5
California woman sentenced for testing fraud 11(3):15
Chemical expiration dates 11(3):13
In choosing equipment 11(2):10
Making judgment calls 11(4):1-7
Percent recovery 11(2):11
Significant figures 11(5):12-13
Quiz
Biochemical oxygen demand 11(1):11
Chloride and halide analyses 11(2):9
Fecal coliform 11(4):10
Preservatives and holding times 11(5):12
Metals sample preparation 11(3):9
Units 11(6):10
Reuter, Wilhad 11(1):1-5
Sadar, Michael J. 11(3):10-12
Sadler, Mary E. 11(4):1-6
Safety
Proposed additional chlorine training 11(1):6-7
Security
Preparing for a hurricane 11(6):1-6
Sheffield, Ron 11(5):8-11
Soils
Johns Hopkins University researchers devise equation to predict pollutant life in 11(6):9-10
Spectrometry

Inductively coupled plasma-mass spectrometry 11(1):1-5
Spencer, Robert 11(5):1-5
Spicer, Steve 11(1):1-6; 11(3):1-7, 7-8; 11(4):1-7, 7-8; 11(5):1-6; 11(6):1-6
Standard Methods for the Examination of Water and Wastewater
Web site 11(1):1-6, 11(1):6-7
Staveley, Jane P. 11(4):1-6
Stuart, James D. 11(1):7-11
Superville, Glen 11(5):1-5
Thompson, Matthew 11(5):8-11
Total organic carbon
Substituting _____ for BOD and COD 11(6):1-5
Underwriters Laboratories
Creates well-water testing service 11(5):1-6
Units
Quiz 11(6):10
Utah
Tackles water shortage with "gray water" for irrigation 11(6):15
Volatile organic compounds
Screening process 11(1):13-14
Warner, Brian 11(1):7-11
Water Environment Federation
Crystal Crucible award 11(3):8-9
Events offered at WEFTEC®.04 11(4):13
Water quality
Ambient Aquatic Life _____ Criteria for tributyltin 11(2):1-5
Beach aquifers may be cause of coastal pollution 11(4):9
Draft Ambient Aquatic Life _____ Criteria for nonylphenol 11(2):1-5
Effects of effluent guidelines unknown 11(6):13-14
Emerging contaminants 11(4):1-6
European Commission acts on member states' failure to comply with water quality laws 11(2):12
Perfluorinated chemicals widespread in Scandinavian waters, marine life 11(6):14
Pollutant levels low along Rio Grande, Rio Bravo border 11(5):14-15
U.S. EPA announces grants for beach monitoring 11(4):8-9
U.S. EPA proposes pathogen criteria for coastal recreational waters 11(5):15
World Bank scientists promote chemically enhanced wastewater treatment 11(5):14
Young, James C. 11(2):5-8