

Mar. 26-28

International Conference on Ozone. International Ozone Association and National Institute for Water Research. Pretoria, South Africa.

Technology transfer in the use of ozone or alternative oxidants-disinfectants and activated carbon in water and wastewater treatment is the theme of this conference.

Contact: Symposium Secretariat S.327, CSIR, P.O. Box 395, Pretoria, 0001 South Africa. Tel. 27 12 86-9211.

Mar. 26-29

1984 National Plant Engineering & Maintenance Show and Conference. Chicago, Ill.

"Managing the New Technology in the Plant" is the theme of this conference, which will include 45 sessions under six general headings: planning and administration, maintenance management, energy management and conservation, material handling, instrumentation and controls, and pollution and the environment. Sixteen short courses will provide background in areas of concern to plant engineers and maintenance managers.

More than 575 companies will display products and services, including computerized equipment for energy management, training, maintenance man-

agement, building envelope evaluation, and CAD/CAM.

Contact: National Plant Engineering & Maintenance Show and Conference, 708 Third Ave., New York, NY 10017. Tel. (212) 370-1100.

Call for Papers

The Eastern Analytical Symposium to be held in New York, N.Y., Nov. 13-16, 1984
Abstract deadline: Apr. 1, 1984

A limited number of oral and poster presentations on new developments in analytical chemistry will be accepted for this symposium, sponsored by ACS, the American Microchemical Society, and the Society for Applied Spectroscopy.

Prospective authors should submit a 50- to 100-word abstract, indicating preference for oral or poster format, to Thomas Kometani, EAS Program Chairman, Bell Laboratories RM1A-378, 600 Mountain Ave., Murray Hill, NJ 07974; tel. (201) 582-6559. Care should be taken in selecting the title and authors of the proposed presentation, as both title and authors will be considered final.

International Conference on Groundwater Technology to be held in Johannesburg, South Africa, Nov. 12-17, 1984
Abstract deadline: Mar. 16, 1984

Sponsored by the National Water Well Association (USA) and the Borehole Water Association (South Africa), this conference will be devoted to the practical applications of state-of-the-art groundwater technology, including water well construction, water treatment, waste disposal, irrigation, and water source energy systems. Persons involved in the protection, development, and management of groundwater supplies are invited to submit abstracts.

Abstracts of between 250 and 400 words should be sent to David M. Nielsen, NWWA, 500 W. Wilson Bridge Rd., Worthington, OH 43085. Tel. (614) 846-9355. Biographical sketches, of no more than 100 words, for all authors, along with full mailing addresses and telephone numbers, should accompany abstracts. (Résumés will not be accepted.)

NACE Symposium on Electrochemical Techniques for Corrosion to be held in Boston, Mass., Mar. 25-27, 1985

This symposium will review the state of the art and discuss innovative uses of electrochemical techniques.

Prospective authors should contact Robert Baboian, Symposium Chairman, Texas Instruments, Inc., Mail Station 10-13, Attleboro, MA 02703. Tel. (617) 699-1350. □

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Positions Available

THE CITY OF LAWTON, OK is looking for a responsible individual for the position of Superintendent at the Wastewater Treatment Plant. Bachelor's degree in Civil or Environmental Engineering, plus three (3) years' professional and administrative experience; OR seven (7) years in the operation and/or supervision of a wastewater treatment plant. Possession of or eligibility for an Oklahoma State Class 'A' certification in wastewater treatment. Closing date: March 16, 1984. Send resume and salary requirements to the City of Lawton, Personnel Office, Rm 114, 103 South Fourth St., Lawton, OK 73501. An Affirmative Action, Equal Opportunity Employer.

Positions Available

ASSISTANT MANAGER/PLANT ENGINEER. The Beaufort-Jasper County Water Authority is seeking an Assistant Manager/Plant Engineer. Responsible for operations and maintenance of a 16 mgd surface water treatment plant, 13 wells, and distribution system serving 11 wholesale and 2500 retail customers, and future sewer treatment systems; planning and execution of a preventive maintenance program; purchasing of maintenance supplies; inspection; mapping; costing and design of small projects. Accountable for 14 employees and \$1 million plus budget. Requires a degree in engineering, strong management ability, and experience in operation, maintenance and inspection of water and wastewater systems. Send a resume to Edward E. Duryea, General Manager, Beaufort-Jasper County Water Authority, P.O. Box 275, Beaufort, S.C. 29901. EOE.

Positions Available

ADMINISTRATIVE SERVICES MANAGER. The City of Tulsa, Oklahoma actively seeks candidates for the position of "Administrative Services Manager". This position is a major division level manager, reporting to the Director of the Water and Sewer Department. Responsibilities of the position include administrative and supervisory work in managing the activities of the Utilities Services, Accounting, Financial, and Computer Services, and Operations Support Services Sections of the Water and Sewer Department. Financial planning, accounting, utility rate studies, annual program budgeting, management information systems and public relations functions are the major areas in which this position plays a lead role. Requirements for this position include a BS Degree in Accounting or Business Administration (Advanced Degree or CPA highly desirable) and a minimum of eight years of progressively responsible experience in accounting and administration management. Considerable knowledge of municipal accounting systems, financial planning and budgeting, computer applications and municipal utility services is also desirable. The City of Tulsa offers an attractive compensation plan, with a starting pay level based on appropriate experience in a range from 35K to 52K. A comprehensive program of employee benefits is also offered and most relocation expenses will be reimbursed. Applicants for this position should submit a resume with pay history to: City of Tulsa Personnel Department, Attention: Dennis Jones, 200 Civic Center, Room 829, Tulsa, OK 74103. Closing date for this announcement is March 1, 1984. The City of Tulsa is an equal opportunity, affirmative action employer m/f.

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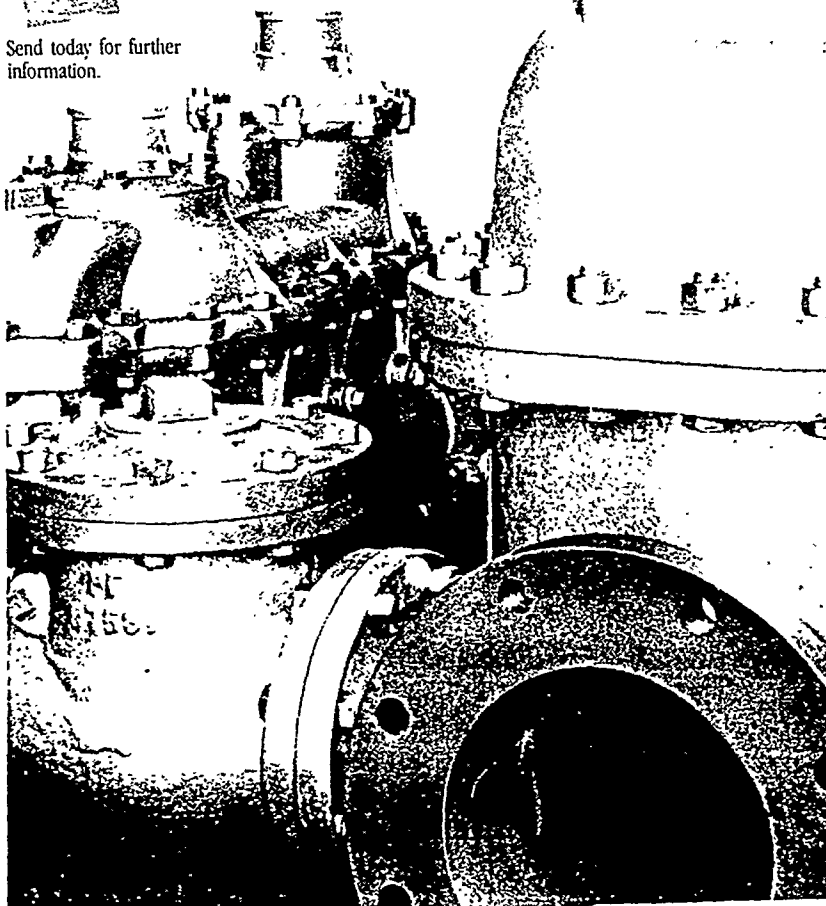
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PLANT SUPERINTENDENT. The City of Tulsa, Oklahoma actively seeks candidates for newly created positions in water and wastewater treatment plant operations. The Plant Superintendent will be a professional in performing advanced technical, administrative and supervisory work in charge of operating and maintaining a water or wastewater treatment plant. Requirements for these positions include a BS Degree in Civil, Sanitary or Chemical Engineering and at least four years of progressively responsible experience in the operation of a large modern water or wastewater treatment plant. Must possess strong supervisory traits and decision-making abilities. The City of Tulsa offers an attractive compensation plan, with a starting pay level based on appropriate experience in a range from 25K to 32K. A comprehensive program of employee benefits is also offered and most relocation expenses will be reimbursed. Applicants for these positions should submit a resume with pay history to: City of Tulsa, Personnel Department, Attention: Dennis Jones, 200 Civic Center, Room 829, Tulsa, OK 74103. Closing date for this announcement is April 1, 1984. The City of Tulsa is an equal opportunity, affirmative action employer m/f.

PROGRESSIVE INVESTOR-OWNED water/wastewater utility in Arizona is seeking a Civil/Sanitary Engineer with a minimum of three years' experience in design, operation or construction of water and wastewater systems. Duties will include supervision of operation of wastewater treatment plants and coordinating construction and design activities of rapidly expanding water and wastewater systems. EIT/PE is desirable but not necessary. Salary commensurate with experience and qualifications. Write to: #272, AWWA, 6666 W. Quincy Ave., Denver, CO 80235.

Positions Wanted

WATER TREATMENT AND FILTRATION PLANT OPERATOR. Available now. Experienced with river raw water source. Intermediate level Pennsylvania State Operator's Certification. College science graduate. Will relocate any state. Resume sent upon request. Phone 814-333-6271 or reply to A.J. Straw, 152 Glenwood Avenue, Meadville, PA 16335.

WATER QUALITY MANAGER with BS in chemistry/biology and graduate training in business administration. Nine years of progressively responsible experience in water quality with responsibility for water laboratory operations, cross-connection control and groundwater contamination studies. Excellent project and personnel management, financial and technical skills. Will relocate. Send reply to AWWA, 6666 W. Quincy Ave., Box 274, Denver, CO 80235.

1984 AWWA SEMINARS

Contact: Training Program Manager, AWWA, 6666 W. Quincy Ave., Denver, CO 80235. Tel. (303) 794-7711.

Cost of Service and Rate Design

Seattle, Wash. Feb. 22-23
Portland, Ore. Apr. 11-12
Wenatchee, Apr. 18-19
Wash.

Emergency Planning

Pittsburgh, Pa. Feb. 8
Reading Feb. 9
(Wyomissing), Pa.

Customer Service

Pittsburgh, Pa. Mar. 14
Reading Mar. 15
(Wyomissing), Pa.

Mar. 4-9, 1984—University of Minnesota, Dept. of Conferences, Continuing Education and Extension, 335 Nolte Center, 315 Pillsbury Dr. S.E., Minneapolis, MN 55455. Tel. (612) 373-3685. Attn: Moira Keane.

Mar. 25-30, 1984—University of Southern California, Office of Program Development, 3535 S. Figueroa St. (CES-209), Los Angeles, CA 90089. Tel. (213) 743-5311. Attn: Bob Brown.

Apr. 1-6, 1984—University of Texas at Arlington, Office of Continuing Education, P.O. Box 19197, Arlington, TX 76019. Tel. (817) 273-2581. Attn: Lois Glasser.

Other Organizations

Feb. 28-Mar. 1 Interpipe '84, 12th Annual International Pipeline Exhibition and Conference. Houston, Texas.

Presented at concurrent conference sessions, more than 100 technical papers will address pipeline construction and operations, pipeline system design, and future developments in pipeline transportation. The products and services of 150 companies will be displayed.

Contact: Industrial Presentations, Inc., P.O. Box 721948, Houston, TX 77272. Tel. (713) 879-8929.

Mar. 5-9 Second Water Technology, Irrigation, and Agriculture Exhibition. Jeddah, Saudi Arabia.

Contact: Martyn Canevali, Fairs and Exhibitions Ltd., 51 Doughty St., London WC1N 2LB, United Kingdom. Tel. 01-831 8981.

Mar. 5-10 35th Pittsburgh Conference and Exposition on Analytical Chemistry and Applied Spectroscopy. Atlantic City, N.J.

"New Frontiers and Opportunities in Chemistry" is the theme of this conference,

which will feature 20 symposiums on such subjects as capillary column gas chromatography, analytical techniques using supercritical fluids, nuclear magnetic resonance spectroscopy, and integrating software into laboratory systems. A continuing education program of short courses will be included in the conference. More than 600 companies will display the latest spectroscopic and general analytical instrumentation and equipment.

Contact: The Pittsburgh Conference, Inc., 437 Donald Rd., Pittsburgh, PA 15235.

Mar. 14-16 Aquatech of the Americas. Long Beach, Calif.

Endorsed by the Water and Wastewater Equipment Manufacturers Association, this conference will comprise more than 60 technical and economic presentations delivered during three concurrent sessions. Topics to be covered include water supply and transportation for municipal, industrial, and agricultural uses; industrial and utility water use; and wastewater and recycling. More than 200 companies will display their products and services at the exhibition.

Contact: Max Nelson, Aquatech of the Americas, P.O. Box 721948, Houston, TX 77272. Tel. (713) 879-8929.

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AWWA Section Meeting Calendar

SECTION	1984	1985
Alabama-Mississippi	Oct. 7-10, Huntsville, Ala.	Oct. 13-16, Biloxi, Miss.
Arizona	May 2-4, Tucson, Ariz.	
Atlantic Canada	Sept. 16-18, Charlottetown, P.E.I.	
British Columbia	Apr. 8-11, Victoria, B.C.	
California-Nevada	Apr. 12-13, Monterey, Calif. Oct. 21-24, Reno, Nev.	Apr. 11-12, Oakland, Calif. Oct. 22-25, San Diego, Calif.
Chesapeake		
Connecticut	May 16-18, Newport, R.I.	
Florida	Nov. 6-9, Orlando, Fla.	
Hawaii		
Illinois	Mar. 21-23, St. Charles, Ill.	
Indiana	•	Feb. 20-22, Indianapolis, Ind.
Intermountain	Aug. 29-31, Jackson Hole, Wyo.	
Iowa		
Kansas	Mar. 28-30, Manhattan, Kan.	Mar. 27-29, Wichita, Kan.
Kentucky-Tennessee	Nov. 11-14, Chattanooga, Tenn.	
Mexico		
Michigan	Sept. 25-28, Mackinac Island, Mich.	Sept. 24-27, Kalamazoo, Mich.
Missouri	Apr. 25-27, Lake Ozarks, Mo.	Apr. 10-12, St. Louis, Mo.
Montana	Mar. 29-30, Great Falls, Mont.	
Nebraska	Nov. 7-8, Grand Island, Neb.	Nov. 7-8, Lincoln, Neb.
New England	Apr. 23-27, Hyannis, Mass.	
New Jersey	Mar. 27-30, Atlantic City, N.J.	Apr. 9-12, Hershey, Pa.
New York	Apr. 23-27, Hyannis, Mass. Oct. 2-5, Ellenville, N.Y.	Apr. 23-26, Syracuse, N.Y. Sept. 10-13, Toronto, Canada
North Carolina	Nov. 11-14, Raleigh, N.C.	
North Central	Sept. 19-21, Bloomington, Minn.	
Ohio	Nov. 7-9, Toledo, Ohio	Nov. 6-8, Cincinnati, Ohio
Ontario	May 13-16, Windsor, Ont.	Apr. 28-May 1, Toronto, Ont.
Pacific Northwest	May 9-11, Eugene, Ore.	May 1-3, Boise, Idaho
Pennsylvania	Apr. 15-18, Harrisburg, Pa.	Apr. 9-12, Hershey, Pa.
Puerto Rico	May 25-28, Dorado, P.R.	
Quebec		
Rocky Mountain	Sept. 16-19, Keystone, Colo.	Sept. 22-25, Albuquerque, N.M.
South Dakota	Sept. 12-14, Aberdeen, S.D.	
Southeastern	Apr. 29-May 2, Jekyll Island, Ga.	Apr. 14-17, Myrtle Beach, S.C.
Southwest	Oct. 14-17, Little Rock, Ark.	Oct. 20-23, Galveston, Texas
Texas	Oct. 14-17, Little Rock, Ark.	Oct. 20-23, Galveston, Texas
Virginia	Nov. 6-9, Hot Springs, Va.	Oct. 15-18, Virginia Beach, Va.
West Virginia	May 14-16, Parkersburg, W.V.	
Western Canada	Sept. 19-21, Regina, Sask.	Sept. 18-20, Winnipeg, Man.
Wisconsin	Sept. 19-21, Madison, Wis.	Sept. 18-20, Appleton, Wis.

• Indicates that 1984 meeting has already occurred

Coming Meetings

Annual Conference: Dallas, Texas, June 10-14, 1984; Washington, D.C., June 23-27, 1985.

Distribution System Symposium (DSS): Syracuse, N.Y., Sept. 9-12, 1984; Seattle, Wash., Sept. 8-11, 1985.

Water Quality Technology Conference (WQTC): Denver, Colo., Dec. 2-5, 1984; Houston, Texas, Dec. 7-11, 1985.

Illinois—Mar. 21-23 at the Pheasant Run, St. Charles, Ill. Secy. Robert T. Sasman, 101 N. Island Ave., Batavia, IL 60510.

Kansas—Mar. 28-30 at the Holiday Inn, Manhattan, Kan. Secy. R.L. Butts, P.O. Box 856, Hutchinson, KS 67501.

Montana—Mar. 29-30 at the Heritage Inn, Great Falls, Mont. Secy. Dan L. Fraser, Water Quality Bureau, Cogswell Building, Capital Station, Helena, MT 59620.

New Jersey—Mar. 27-30 at Harrah's Marina Hotel Casino, Atlantic City, N.J. Secy. Michael Cronin, 143 Deerfield Lane, Matawan, NJ 07747.

Water Utility Management Institute AWWA and Sponsoring Universities

Feb. 19-24, 1984—Virginia Polytechnic Institute and State University, Office of Management Development, Plaza One—Building D, Blacksburg, VA 24061. Tel. (703) 961-5566. Attn: R. Bruce Prouty.