United States
Environmental Protection
Agency

Technology Transfer

Rotating Biological Contactors

A Teleconference to:

Albany, NY
Chicago, IL
Cincinnati, OH
East Lansing, MI
Omaha, NE

September 22, 1983

10:20 a.m. **RBC Shaft Study**

Mark D. Bowman
Assistant Professor of Structural Engineering
Purdue University
West Lafayette, IN

10:40 a.m. **Break**

11:00 a.m. **Organic Loading and Nitrification Considerations**

James A. Heidman
USEPA
Municipal Environmental Research Laboratory
Cincinnati, OH

11:20 a.m. **Energy Considerations**

Richard C. Brenner

11:40 a.m. **Panel Discussion**

12:15 p.m. **Lunch**

1:30 p.m. **General Plant Design**

James Ward

2:00 p.m. **Performance Prediction**

Edward J. Opatken
USEPA
Municipal Environmental Research Laboratory
Cincinnati, OH

2:20 p.m. **Break**

2:45 p.m. **Panel Discussion**

3:45 p.m. **Closing Remarks**

Charles E. Gross

4:00 p.m. **Adjourn**

CERI-83-9

Place
Stamp
Here

EPA TECHNOLOGY TRANSFER TELECONFERENCE
c/o Dynamac Corporation
The Dynamac Building
11140 Rockville Pike
Rockville, MD 20852

Purpose

This teleconference on rotating biological contactors (RBCs) is being sponsored by EPA's Office of Research and Development as part of its continuing Technology Transfer Program.

The relatively rapid introduction of RBCs into the United States for municipal wastewater treatment has resulted in the widespread application of a technology with which many design engineers are not intimately familiar. As interest in the process has increased, complex, deterministic design approaches have been developed. Experts from the federal, local, and private sectors are being brought together to assess existing RBC design procedures and provide more in-depth design information on critical features of the RBC process.

Target Audience

The information presented during this teleconference will be most beneficial to those individuals with a working knowledge of the RBC process. Consulting engineers, municipal design engineers, and federal, state, and local officials concerned with reviewing and/or approving RBC projects are invited to participate.

Registration

There is no registration fee required for attending any of the teleconference receiving sites. Attendance will be limited, however, due to space limitations so early registration is encouraged.

To register, simply fill out the attached Registration Form, indicating the location you wish to attend, and mail it to: EPA Technology Transfer Teleconference, c/o Dynamac Corp., Dynamac Building, 11140 Rockville Pike, Rockville, MD 20852. For further information, call Sheri Marshall, Conference Coordinator, at (301) 468-2500.

Receiving Sites

Receiving sites for the teleconference are:

Thruway House
1375 Washington Avenue
Albany, NY 12206

American Hospital Assoc.
840 N. Lake Shore Drive
Chicago, IL 60611

U.S. Environmental Protection Agency
26 W. St. Clair St.
Cincinnati, OH 45268

WKAR-TV
Communication Arts Building
Michigan State University
East Lansing, MI 48823

University of Nebraska at Omaha
Engineering Building 200
60th and Dodge
Omaha, NE 68182

PROGRAM

September 22, 1983

Eastern Standard Time

9:15 a.m. **Introduction/Conference Purpose**

Henry L. Longest
USEPA
Director, Office of Water Program Operations
Washington, DC

Francis T. Mayo
USEPA
Director, Municipal Environmental Research Laboratory
Cincinnati, OH

9:25 a.m. **RBC Background/History**

Charles E. Gross
USEPA
Office of Water Program Operations
Washington, DC

James R. Ward
Burgess and Niple, Ltd.
Columbus, OH

9:45 a.m. **Local RBC Issues**

(Separate presentation at each receiving site)

TECHNICAL SESSION: Moderator - Charles E. Gross

10:00 a.m. **RBC Equipment/Configurations**

Richard C. Brenner
USEPA
Municipal Environmental Research Laboratory
Cincinnati, OH

TECHNOLOGY TRANSFER TELECONFERENCE
—U.S. Environmental Protection Agency—

I will be attending the teleconference at the following location (check one):

☐ Albany, NY
☐ Cincinnati, OH
☐ Omaha, NE
☐ Chicago, IL
☐ East Lansing, MI

Name and Title _____

Organization _____

Address _____

City, State, Zip Code _____

Telephone _____

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