



Illinois
Environmental
Protection Agency

Bureau of Water
1021 North Grand Ave. E.
Springfield, IL 62702

Digester/Over the Spillway

"for optimum operation/maintenance of all water and wastewater facilities"

TRAINING CATALOG

For many years, the Illinois Environmental Protection Agency in cooperation with the Environmental Resources Training Center at Southern Illinois University/Edwardsville, published a training catalogue issue of Digester/Over the Spillway that identified courses in wastewater and drinking water operator training available at community colleges around the state, and some other training resources.

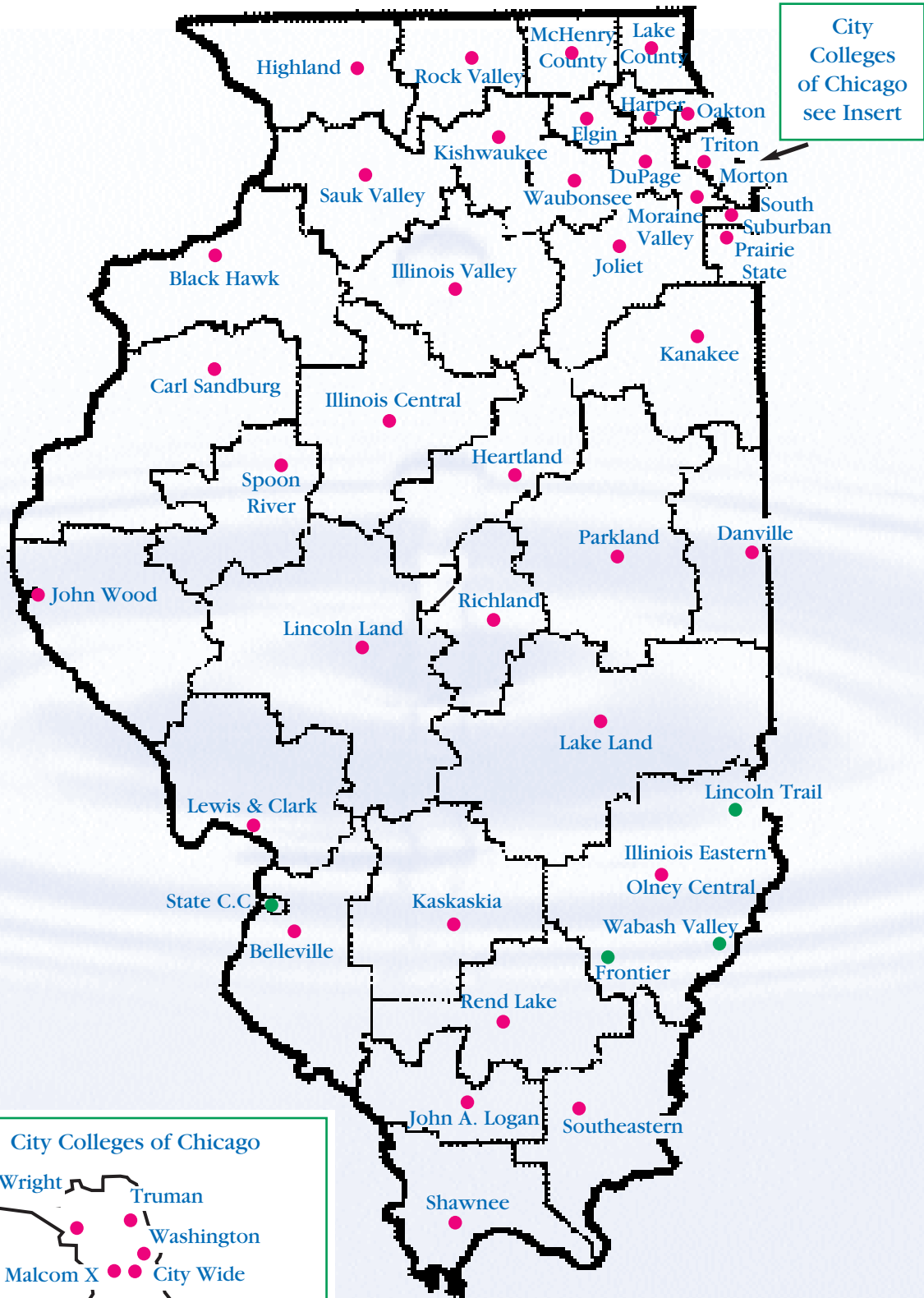
We feel that this information can be more effectively provided to operators and potential operator trainees through an electronic medium and are now offering the information online, starting with the spring 2004 sessions. We have adopted a new format we hope will be easier to use.

The listings that follow offer a brief explanation of ERTC's programs, a map identifying community colleges serving various parts of Illinois, information on home study courses, a listing of professional organizations that offer short training courses and seminars, and information on Illinois professional drinking water and wastewater operators associations. Where possible, we have provided links to the websites of these groups.

Additional information can be obtained from ERTC at www.siu.edu/ERTC

618-650-2030
Fax 618-650-2210





ENVIRONMENTAL RESOURCES TRAINING CENTER

The Environmental Resources Training Center (ERTC) is designated by the Illinois Environmental Protection Agency (IEPA) as the state center to develop, coordinate and present training for potable water supply and wastewater treatment plant operators. One of its main functions is to assist in coordinating water supply and wastewater treatment operator training programs in Illinois.

Training events are listed in three parts:

Part I: Environmental Resources Training Center

Part II: Illinois Community Colleges

Part III: Other Training Activities

Illinois offers a wide variety of excellent training opportunities to help you maintain or improve your skills as water quality operations specialists. However, the success of any training program depends on participation in the programs. Evaluate the training currently available through your local community college or the ERTC.

We have tried to make the listing as complete as possible but we may have missed some training activities.

Please share this catalog with others who might not have received a copy. Why not place a copy on your plant's bulletin board? By doing so, you may be doing a favor for a lot of your co-workers.

The ERTC offers a comprehensive program in all aspects of water supply and wastewater treatment including courses in laboratory analysis, plant operations, troubleshooting, water distribution, wastewater collection, maintenance methods and management systems. Basic and advanced courses are taught. Both experienced and newly employed operators can find training to meet individual needs and interests.

Courses, workshops and seminars taught by the ERTC are accepted by the Illinois EPA for education and training credits to meet certification requirements. However, wastewater operators may have to complete several workshops to meet the "wastewater course" requirements as defined under Illinois EPA Wastewater certification rules.

ERTC courses, workshops and seminars are taught at various locations throughout Illinois and in varied formats to make it easier for operators to attend training programs. Some courses are taught in the evening; some will be one, two or three day seminars, and some will be weeklong "short schools." Most of the seminars and workshops will be taught at off-campus sites.

CERTIFICATE OF COMPLETION

The ERTC offers a one-year, full-time program for pre-service personnel leading to a Certificate of Completion in Water Quality Operations.

This full-time program for pre-service personnel can be completed in only three semesters (one year) and includes training in both water supply and wastewater treatment operations. Students receive classroom and laboratory instruction. Students practice operations in hands-on training using ERTC's pilot plant facilities and laboratories. During the summer months, students are placed in treatment facilities for 10 weeks to gain on-the-job training.

The curriculum, which provides 1,450 total contact hours of instruction, is divided into the following areas:

- Water Supply Operations
- Wastewater Operations
- Water Quality Control Laboratory Testing
- Water Quality Control Facilities Maintenance
- Supervised Work Study

Graduates of the program receive a Certificate of Completion from Southern Illinois University at Edwardsville and will meet all educational requirements for certification as a water quality control operator by Illinois EPA.

Formal admission to Southern Illinois University at Edwardsville is not required. High school graduation or G.E.D. equivalent is desired.

The program starts in late August. If you or some of your family or friends are interested call 618-650-2030 for additional information or an application to the program.

Wastewater Training

Wastewater training is available to wastewater operators in Illinois from a number of sources as delineated below. In addition to assisting an individual operate a wastewater treatment facility and/or prepare for a wastewater certification examination, wastewater training can be applied toward meeting wastewater operator certification requirements. Wastewater training courses for which credit of 2 or more semester hours, 3 or more quarter hours, or 3 or more continuing education units (CEU's) is given will each receive up to 3 months credit per course up to the maximum allowed for each certification level.

Environmental Resources Training Center (ERTC)

ERTC is designated as the state center to develop, coordinate, and present training for potable water supply and wastewater treatment facility operators. ERTC offers training via a 1 year full-time certificate program for pre-service personnel, semester long courses, seminars/workshops of varying lengths up to 5 days, and correspondence/home study courses. Additionally, ERTC provides assistance to community colleges via course outlines and other training aids. For more detailed information regarding course offerings and course registration, visit ERTC's website.

<http://www.siue.edu/ERTC>

Community Colleges

Illinois has a network of community colleges that includes every geographic part of the state. A number of the community colleges offer wastewater courses. Visit the website below to check whether or not a specific community college currently offers wastewater training courses.

<http://www.iccb.state.il.us/html/colleges/colleges.html>

Illinois Rural Water Association (IRWA)

IRWA focuses on offering inplant assistance to operators of smaller communities throughout Illinois. IRWA also offers 1 - 2 day seminars on topics pertaining to wastewater treatment at various times during the year. Visit IRWA's website for more information.

<http://www.ilrwa.org>

California State University

California State University at Sacramento offers several correspondence/home study courses on various aspects of wastewater treatment. Visit their website for information on obtaining the course textbooks for reference purposes and/or to enroll in their courses.

<http://www.owp.csus.edu>

Water Environment Federation (WEF)

WEF is a national organization for wastewater professionals, including wastewater treatment facility operators. WEF has developed a large number of books that cover all aspects of wastewater treatment. These books are available for purchase and are excellent for study and/or reference materials. Additionally, WEF has available training materials on various aspects of wastewater treatment operation, including some on cd-rom disks. For more information visit the WEF website.

<http://www.wef.org/>

Black Hawk College
Moline
www.bhc.edu

City Colleges of Chicago
Chicago
www.ccc.edu

Harry S Truman College
Chicago
www.trumancollege.cc

Danville Area Community College
Danville
www.dacc.edu

College of DuPage
Glen Ellyn
www.cod.edu

East St. Louis Comm. College Center
East St. Louis
www.eslccc.com

Elgin Community College
Elgin
www.elgin.edu

Harper College
Palatine
www.harpercollege.edu

Heartland Community College
Bloomington
www.heartland.edu

Highland Community College
Freeport
www.highland.edu

Illinois Central College
East Peoria
www.icc.edu

Illinois Eastern Community Colleges
Olney
www.iecc.edu

Illinois Valley Community College
Oglesby
www.ivcc.edu

Joliet Junior College
Joliet
www.jjc.edu

Kanakakee Community College
Kankakee
www.kcc.cc.il.us

Kaskaskia College
Centralia
www.kaskaskia.edu

Kishwaukee College
Malta
www.kishwaukeecollege.edu

College of Lake County
Grayslake
www.clcillinois.edu

Lake Land College
Mattoon
www.lakelandcollege.edu/indexf.cfm

Lewis & Clark Community College
Godfrey
www.lc.edu/lccchome.nsf

Lincoln Land Community College
Springfield
www.llcc.edu

John A. Logan College
Carterville
www.jalc.edu

McHenry County College
Crystal Lake
www.mchenry.edu

Moraine Valley Community College
Palos Hills
www.morainevalley.edu

Morton College
Cicero
www.morton.edu

Oakton Community College
Des Plaines
www.oakton.edu

Parkland College
Champaign
www.parkland.edu

Prairie State College
Chicago Heights
www.prairiestate.edu

Rend Lake College
Ina
www.rlc.edu

Richland Community College
Decatur
www.richland.edu

Rock Valley College
Rockford
www.rockvalleycollege.edu

Carl Sandburg College
Galesburg
www.sandburg.edu

Sauk Valley Community College
Dixon
www.svcc.edu

Shawnee Community College
Ullin
www.shawneecc.edu

South Suburban College
South Holland
www.southsuburbancollege.edu

Southeastern Illinois College
Harrisburg
www.sic.edu

Southwestern Illinois College
(Formerly Belleville Area College)
Belleville
www.swic.edu

Spoon River College
Canton
www.spoonrivercollege.edu

Triton College
River Grove
www.triton.edu/index/indexnf.php

Waubensee Community College
Sugar Grove
www.waubensee.edu

John Wood Community College
Quincy
www.jwcc.edu