



Extension Brown County
Attn: Tile Drainage
2019 Technology Way, Rm. 113
Green Bay, WI 54311

University of Wisconsin, U.S. Department of Agriculture and Wisconsin counties cooperating. An EEO/AA employer, University of Wisconsin of Madison Division of Extension provides equal opportunities in employment and programming, including Title VI, Title IX, and American with Disabilities (ADA) requirements. Contact Kevin Erb at 920-391-4652 for more information on this program.

Office use: Date received: _____; Payment Enclosed: Check ☐ # _____; Online ☐ No Payment ☐; Initials _____

Location / Map

<https://jefferson.extension.wisc.edu/office-map-and-directions/>

Registration Options

Scan QRCode



OR

Click link below

Online Registration / Payment instruction:

Registration Form

1. Register at <https://tinyurl.com/2020-Tile-Drainage> click "Submit"
2. Click on "Make Payment" in webpage or confirmation email
3. Provide payment information
 - * Program name is 2020 Tile Drainage
 - * Click "Process"

A confirmation email will be sent to you

If possible, bring a Windows-based laptop or tablet (with USB connection) for use during the training.

2020 Tile Drainage Design & Water Management Workshop

For contractors and farmers installing tile

February 27 & 28
Extension Jefferson County
864 Collins Road
Jefferson, WI



Extension
UNIVERSITY OF WISCONSIN-MADISON

ILLINOIS EXTENSION
COLLEGE OF AGRICULTURAL, CONSUMER
& ENVIRONMENTAL SCIENCES



**Conservation Professional
Training Program**

Speakers

Larry Konopacki is an attorney with Stafford Rosenbaum LLP. His practice focuses on issues related to environmental law, natural resources, agriculture, administrative law, government affairs, local governments, energy and other utilities, and other various regulatory matters. Larry worked as an attorney for more than a decade with the Wisconsin Legislative Council, which provides nonpartisan legal services to the Wisconsin State Legislature. In that capacity, Larry was closely involved in developing legislation on a wide range of topics, including numerous initiatives related to all of his primary practice focus areas. Larry has been the instructor of a class at UW Madison on agricultural business law for more than ten years.

John Panuska: John is a P.E., and Distinguished Faculty Associate in the UW Madison BioSystems Engineering Department. In addition to teaching land surveying and senior design, he conducts Extension programming on drainage system effectiveness, design and impacts on water quality.

Photo: Google Earth



Speakers (continued)

Richard Cooke: Richard Cooke is a Professor and Drainage Extension Specialist in the Department of Agricultural and Biological Engineering at the University of Illinois. He teaches courses in Drainage and Water Management, Land and Water Management Systems, Drainage Design and Layout, and Nonpoint Source Pollution Processes. Richard has developed computer software for analyzing yield maps from paired drainage systems, drainage system design and layout, and the design of subsurface bioreactors. His current research focus is on the development and evaluation of drainage-related best management practices for improving water quality.

Eric Cooley: Eric is Co-Director of Wisconsin's Discovery Farms program, coordinating the program's drainage tile and water quality research efforts. Cooley's research focus includes how quickly drain tile responds to precipitation and snowmelt and how cropping systems, manure application and management impact tile water volume and quality.



If registered by early deadline, a \$25 per person discount for the second or additional people from the same firm, on same registration form, included on same payment will be accepted.

Photo: Google Earth

Thursday, February 27, 2020

7:30	Check-in and Exhibits	1:15	Drainage Permits / Regulations <i>Jeremy Ziegler, USDA-NRCS Soil Scientist;</i> <i>Eric Cooley, Discovery Farms</i>
8:00	Welcome , Introductions & Announcements <i>Kevin Erb, UW Madison Division-Extension</i>	1:45	State Specific Breakouts * Wisconsin- <i>James Brodzeller, WDNR & Barton Chapman, WI DATCP</i> * Illinois- <i>Ryan Arch, IL LICA & Don Wauthier, Berns, Clancy and Associates, P.C.</i>
8:15	First Things First: Considerations Before You Begin a Tiling Project <i>John Panuska, UW Madison Dept. of BioSystems Engineering; Richard Cooke, University of Illinois</i>	2:30	Break / Exhibits
8:45	Design Session 1: Surveying Basics, Calculating Slopes, Understanding Soils <i>Richard Cooke & John Panuska</i>	2:45	Regulatory Wrap-up
10:00	Break	3:00	Be Safe When you Tile <i>Cheryl Skjolaas, UW Madison Division-Extension</i>
10:15	Design Session 1 (continued)	3:30	Sizing Mains / System Layout (hands-on) <i>Richard Cooke & John Panuska</i>
10:45	Design Session 2: Drainage Co-efficient, lateral spacing <i>Richard Cooke & John Panuska</i>	5:00	Wrap-up / Exhibits
Noon	Lunch / Exhibits	5:15	Optional Q&A with experienced tilers
12:45	Drainage Law: What You Need to Know Before You Install <i>Atty. Larry Konopacki, Stafford Rosenbaum LLP</i>		

Friday, February 28, 2020

7:30	Check-in and Exhibits	10:45	Hands on Design Team Project <i>Richard Cooke, John Panuska, Brady Wrezinski, Prinsco, TBA Wisconsin Tubing & Mark Wieland, Timewell</i>
7:55	Announcements <i>Kevin Erb</i>	Noon	Lunch
8:00	Tiles, Nutrients and Water Quality <i>Eric Cooley</i>	12:45	Hands on Design Team Project (continued)
8:30	Drainage Outlets and Ditches <i>Richard Cooke</i>	2:00	Break
9:00	Lift Stations <i>Tom Scherer, North Dakota State University</i>	2:15	Student Design Presentation / Discussion
10:00	Break	3:15	Evaluation and Feedback <i>Kevin Erb</i>
10:15	Introduction to Conservation Drainage <i>Richard Cooke</i>	3:30	Adjourn

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Registration Form

Please make _____ reservation(s) for the **2020 Tile Drainage Design & Water Management Workshop**. Deadline: **February 24, 2020**.

☐ **Professional Installer** ☐ **Farmer**

Name(s): _____

Address: _____

City: _____

State: _____ Zip: _____

Cell Phone: _____

Email: _____

(Please provide email in case of extreme weather)

NO Refunds (Please ✓ one)

☐ **\$200.00/person** postmarked **before or on February 24** - early registrations; (if registered by early deadline, a \$25 per person discount for the second or additional people from the same firm, on same registration form, included on same payment will be accepted)

☐ **\$225.00/person** on or after February 25 - late registrations

Make check payable to: **BCT-** (Brown County Treasurer). Send registration form and check to:

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