

ILICA



NEWS

Land Improvement Contractors Of America · Illinois Chapter

July - August 2019

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NATIONAL LICA SUMMER CONVENTION JULY 9-13, 2019

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BAER & LITWILLER RECEIVE NATIONAL LICA SCHOLARSHIPS

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SUMMER PICNIC & MEMBERS' MTG. AUGUST 3, 2019



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- ▶ The Extension Connection: Performance of Small Diameter Drainage Tile (page 12-13)
- ▶ Improving Public Image: How Can Contractors Engage With Their Community? (page 21)

Illinois LICA
P.O. Box 474
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Upcoming Events:

National LICA Convention
Vancouver, WA
July 9-13, 2019

Summer Picnic & Members' Mtg.
Southwind Park: Springfield
August 3, 2019

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PRESIDENT'S MESSAGE



WOW! I'm pretty sure I missed Spring, and jumped right into Summer! There was a point in May that I thought that the Illinois and Mississippi Rivers might meet somewhere in the middle. Like you, we had a challenging Spring to say the least, as I write this, we

have completed planting, replanted 70+ acres of drown out, and are now debating turning the furnace back on...what a CRAZY Spring!

Well, now that we've made it to "summer", please don't forget about all the activities we have going on. On July 9-13, the LICA Summer Convention will be held at the Hilton in Vancouver, WA. Just over a week later, we will need volunteer members to help build the constructed wetland at Illinois Central College (ICC) in East Peoria on July 22-27. On August 3, we will have our Summer Picnic & Members' Meeting at Southwind Park in Springfield, after a plant tour of Springfield Plastics in the morning. The following week is the University of Illinois Extension's Summer Drainage Workshop, formerly

the ILICA Drainage Workshop, on August 6-7 at Richland Community College in Decatur. Finally, August 27-29 brings the Farm Progress Show tiling, bioreactor, and mock line strike demos that we will need volunteer assistance with on each day.

To volunteer or register for any of these summer events, please go to the events page on our website: www.illica.net. You can also call the office for assistance.

Please remember to stay safe during these long hours.

Sincerely,

Grant Curtis

Attention: Proposed By-Laws Amendment

The By-laws committee met at the request of Board of Directors to discuss increasing state chapter dues \$30, from \$170 to \$200 annually, thereby raising total Association dues, including National dues, to \$350/yr.

There will be a vote on this proposed By-Laws change at the members' meeting held during the summer picnic at Southwind Park in Springfield, IL on August 3, 2019. All should attend for good food, fun and a chance to voice your opinion. Please also feel free to provide comments and feedback regarding the proposed By-Laws change before the meeting by calling or emailing the office at 309.446.3700, ryan@illica.net.

The change will be to Article I, Section 4 (a) of the By-laws. Please review the directory for the existing verbiage/printing; the new section would read as follows,

(a). Active member dues shall be Two Hundred dollars (\$200) per year, effective October 2019. (Plus the National membership dues.)

Respectfully submitted

Bill Dean, By-laws committee chair

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 Ph: 217-821-3559
 Email: stephen@wmsag.com
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BOARD & MEMBERS' MEETING SCHEDULE

Unless changed by the Board during the year, the ILICA business meetings are scheduled as follows:

Aug. 3, 2019 - Picnic & Members' Meeting:
 Southwind Park, Springfield

Sept. 7, 2019 - Regular Meeting of the Board:
 TBD

Exact location, committee meeting times & other details will be published in the ILICA News and sent to members via mail and/or email.

2019 BOARD MEMBER MTG. ATTENDANCE

Area / Director	Jan	Mar	May	Aug	Sep	Nov
A = absent P = present C = cancelled meeting						
Pres: Grant Curtis	P	P	P			
VP: Steve Anderson	P	P	P			
1st VP: Eric Layden	P	P	P			
Area 1 - Brian Brooks	P	P	P			
Area 2 - Vacant	-	-	-			
Area 3 - Wes Litwiller	P	P	A			
Area 3 - Joe Streitmatter	P	P	A			
Area 4 - David Kennedy	P	P	A			
Area 4 - John McCoy	P	A	P			
Area 5 - Earl Mast	-	P	A			
Area 6 - Jon Seevers	P	P	P			
Area 6 - Bill Dean	P	P	A			
Area 7 - Vacant	-	-	-			
Area 8 - Norm Kocher	A	A	A			
Area 8 - Tom Beyers	P	A	P			
Associate Dir: Brad Baker	P	P	A			



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OSHA NATIONAL EMPHASIS PROGRAM ON TRENCHING AND EXCAVATION

Background

Because of the continuing incidence of trench/ excavation collapses and accompanying loss of life, the Occupational Safety and Health Administration (OSHA) has determined that these worksites continue to warrant an increased enforcement presence. OSHA has long maintained that employees exposed to potential cave-ins must be protected before the excavation face is in imminent danger of collapse, because OSHA believes that there is a potential for a collapse in virtually all excavations.

Trenching and excavation work exposes workers to extremely dangerous hazards. According to the Census of Fatal Occupational Injuries (CFOI) data, published by the Bureau of Labor Statistics (BLS), there were 130 fatalities recorded in trenching and excavation operations between 2011 and 2016. The private construction industry accounted for 80%, or 104, of those fatalities. An alarming 49% of those construction fatalities occurred between 2015 and 2016. In summary, of the 104 fatalities in this industry:

- 40 (38%) were at industrial places and premises;
- 39 (38%) were at private residences; and
- 21 (20%) occurred at streets or highways.

OSHA believes that the rate of deaths and serious injuries resulting from trenching and excavation incidents (mostly collapses) can be significantly reduced if OSHA concentrates resources to effectively engage trenching and excavation operations through both enforcement and compliance assistance activities.

The construction scheduling procedures can be used to schedule inspections of trenching and excavation operations. However, these operations tend to begin and end quickly and must be inspected while they are ongoing. Consequently, the following procedures are prescribed for excavation inspections.

- Compliance Safety and Health Officers (CSHOs) shall initiate inspections under this National Emphasis Program (NEP) whenever they observe an open trench or an open excavation, regardless of whether or not a violation is readily observed. These observations may occur during the course of their normal work-day travel or while engaged in programmed or un-programmed inspections. Trenching

and excavation operations will also be assigned for inspection as the result of incidents, referrals, and complaints.

- During all programmed safety and health inspections (such as national, regional or local emphasis programs), and during all un-programmed inspections (incidents, complaints and referrals), CSHOs will observe the surrounding area for open trenches or excavations and conduct an inspection under this NEP if any are present.
- Inspections under this NEP shall normally be limited to evaluating worker exposure to safety and health hazards associated with the excavation. However, a CSHO may expand the scope of an inspection if other safety and health hazards or violations are observed in plain view and/or brought to their attention.



What Can You Do?

Small businesses should contact their local OSHA On-Site Consultation program for assistance. OSHA On-Site Consultation Program offers no-cost and confidential safety and health services to small- and medium-sized businesses. Consultants from local agencies or universities work with employers to identify workplace hazards, provide advice for compliance with OSHA standards, and assist in establishing and improving safety and health programs.

On-Site Consultation services are separate from enforcement and do not result in penalties or citations. To locate the OSHA On-Site Consultation program nearest you, call 800-321-OSHA (6742) or visit www.osha.gov/consultation.

Source: Adapted from

https://www.osha.gov/sites/default/files/enforcement/directives/CPL-02-00-161_0.pdf

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ILICA Ladies Page

Negative situations happen all the time. We can't avoid them, so how can we counteract their negative effect on our lives and our attitudes? Learning the power of positive thinking helps us stay positive even in the midst of tragedy. Learning how to stay positive in negative situations is invaluable in leading a healthy lifestyle. Here are 5 ways you can achieve this:

1. Have a positive support group.

It's important to have a positive support group to help each other through difficult times. Notice I said a "positive" support group. Surrounding yourself with positive people will help you stay positive when in a negative situation. There are plenty of negative people out there—avoid them! Their negative attitudes will only bring you down and be counterproductive to what you are trying to achieve by practicing positive thinking.

2. Express what you are grateful for.

Even in the worst of times, most of us realize that we still have things in our lives for which we are grateful. Voice those blessings! Practice gratitude. Talk about the things you are grateful for with your closest friends, your support group. Keep a gratitude journal to capture the thankfulness you feel for what you have on a daily basis. Actively acknowledging what you're grateful for will help you to always have a grateful mind and heart, even when bad things happen.

3. Retrain your mind.

Are you a person who continually beats yourself up mentally? Do you constantly question your actions? Believe me, I've been there. Nobody needs to call me stupid, because I can do that just fine myself! Retrain your brain to stop doing that to yourself. The more you talk negatively to yourself, the more that negativity will become a part of you. Instead, practice the power of positive thinking. Any time a negative thought comes into your mind, replace it with a positive one. At some point, this will become more natural as your brain automatically turns a negative into a positive.

4. Exercise your body and mind.

We know that exercise is good for our bodies, but what about our minds? Sure, it is! It releases those natural endorphins in our brains that make us feel better. Exercise has physical as well as mental and emotional benefits. Getting out there and moving around will keep your body in better shape, as well as boosting your self-esteem for having the discipline to exercise. You might try adding yoga into your exercise routine now and

then to help you learn to really focus and meditate. Exercise is an excellent way to fight the negative effects of bad situations.



5. Accept and find solutions.

Many of us are resistant to changes in our lives. What we must do is learn to accept that change will happen. Haven't you heard that "the only constant in life is change"? There is a lot of truth to that, as we continually go through changes, whether good or bad. Accepting that changes are a part of life can help us to relax and be more accepting. Try to look for the positive aspect. For example, if you're in a bad job situation, what do you do? Accept it and try to make it better? Possibly. Or maybe this is the chance to make a change for yourself and look for that job you really want.

More tragic changes, such as death, will throw us off even worse, but when our brains are practiced on how to stay positive in negative situations, even tragedy won't destroy us. With the power of positive thinking, we can learn to put negative situations in perspective ... and to deal with them as they arise.

Source: <https://www.lifehack.org/articles/communication/5-tips-stay-positive-negative-situations.html>

5 Tips To Stay Positive In Negative Situations



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ILICA DEMO & MORE!

Mark your calendars for AUGUST 27-29, 2019, and be sure to find ILICA, its Associates & Partners at the Farm Progress Show! ILICA will be in the field demonstrating over 30 acres of drainage tile installation, complete with a bioreactor practice installation. The Association will also be partnering with Associate member Ameren and the Drain Tile Safety Coalition to host a mock line strike demonstration each day of the Farm Progress Show. Additionally, ILICA can still be found at the Partners in Conservation booth (26E), located within the Southeast Exhibit Field. Be sure to seek out a number of our Associate members and Partners who will also be exhibiting at this year's FPS at the following booths:

- ⇒ AgSolutions VIT 9210
- ⇒ Alta Equipment 523
- ⇒ Altorfer CAT 612
- ⇒ Ameren 811
- ⇒ CIT Trucks 1106
- ⇒ First Mid Bank & Trust 446
- ⇒ John Deere 267
- ⇒ Partners in Conservation 26E
- ⇒ Port Industries 2W
- ⇒ Prinsco, Inc. 1142
- ⇒ Springfield Plastics, Inc. 409
- ⇒ Sullivan Auctioneers VIT 9419
- ⇒ T-L Irrigation Company 952



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BAER & LITWILLER RECEIVE NATIONAL LICA SCHOLARSHIPS

The National LICA scholarship is eligible to relatives of active LICA Contractors (i.e. spouse, child, grandchild) with an interest in agriculture, construction, engineering, landscaping, law, marine biology, medicine, and more. Two individuals from Illinois again made the cut out of eight total recipients named for 2019: Leon Baer and Grace Litwiller.



Grace Litwiller, daughter of member Jeff and Chris Litwiller (Hopedale) and granddaughter of member Wayne & Janice Litwiller (Hopedale), was recently named as a National LICA Scholarship winner.



Leon Baer, son of member Marvin & Rebecca Baer (Tremont), was recently named as a National LICA Scholarship winner.

Leon grew up on the family farm, accompanied with a field tiling business. He is currently a freshman in a diesel mechanic program at Illinois Central College (ICC) in East Peoria, working part time at a local truck shop, and helping out on the farm. In his free time he likes to work on his '79 Camaro, fish, and hang out with family & friends. Leon's career goal is to become a full time diesel mechanic.

Grace's hobbies include reading, creating artwork, spending time with family and friends, and listening to podcasts. Grace was involved in yearbook, cross country, track, journalism, and student bank board in high school. Grace worked as a barista during the school year, and is now working at a Christian camp in Michigan for the summer. She will be attending Hesston College (Hesston, KS) this fall, majoring in business. Grace hopes to eventually open her own hair salon.

Please join us in congratulating Leon, Grace, and their families for their recent accomplishments. We wish both scholarship recipients the best of luck in their future endeavors!

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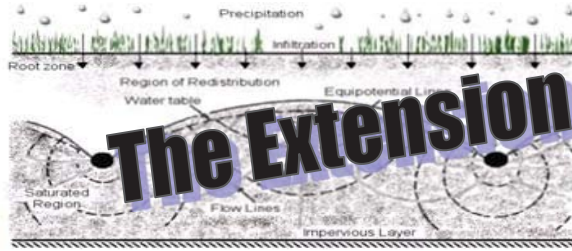
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LICA MISSION

To promote, perpetuate, and improve the proper use of our natural resources for the benefit of all



The Extension Connection

Source: Richard Cooke, Hanseok Jeong and Rabin Bhattarai - Department of Agricultural and Biological Engineering, University of Illinois at Urbana-Champaign, Urbana, IL

PERFORMANCE OF SMALL DIAMETER DRAINAGE TILE

Twenty years ago, 4" and 5" laterals were commonly used, and 3" laterals were somewhat of a novelty. However, 3" laterals are now common, and many tile manufacturers make 3" tile. Some companies even make 2" tile. Producers and contractors often call in asking about the suitability of these smaller diameter pipes. We can answer questions about maximum length of runs and effect of deviations from grade, and we are now getting experience with the actual performance of these systems in the field.

The maximum length of tile (the length at which a tile flows full) placed on a tenth of a percent slope is shown in Table 1. The lengths are shown for tiles flowing full, and for tiles with a half an inch of sediment. These lengths, rounded up to the nearest 10 feet, were calculated using the Lateral Specification tool on the Illinois Drainage Guide (<http://www.wq.illinois.edu/DG/Equations/Laterals.exe>). These values show that for 3" and more so 2" tile, length of run becomes a serious consideration, particularly for systems that are designed to function at design capacity after some sedimentation.

We have recently initiated an experiment at the University of Illinois' South Farm to evaluate

the long-term performance of small diameter laterals. These laterals will be evaluated at two drainage coefficients (0.375" and 0.75") and two spacing (35' and 70'), for a total of four combinations of drainage coefficient and spacing. For each combination, 2" 3" and 4" systems will be installed. Each system will be separated by border tiles to isolate it from the others, and flow, water quality and crop yield will be monitored. Sections of tile will be inspected at 5 year intervals to track degree of sedimentation.

Table 1. Maximum Length of Runs for Tile on a 0.1% Slope

Drain. Coeff. (in/day)	Spacing (ft)	Sediment Depth (in)	Lateral diameter		
			2"	3"	4"
3/8	70	0	330 ft	960 ft	2070 ft
3/8	35	0	650 ft	1920 ft	4130 ft
3/4	70	0	170 ft	480 ft	1040 ft
3/4	35	0	330 ft	960 ft	2070 ft
3/8	70	0.5	240 ft	810 ft	1860 ft
3/8	35	0.5	470 ft	1920 ft	3710 ft
3/4	70	0.5	120 ft	410 ft	930 ft
3/4	35	0.5	240 ft	810 ft	1860 ft

The first combination, 3/8" drainage coefficient on 70' spacing, was installed by an ILICA contractor in Fall, 2018. The layout is shown in Figure 1.

The laterals are 330 feet long, which is the length at which the 2" lateral will flow full at the design drainage coefficient and spacing. The systems were randomly assigned to their locations. There is a border tile on the other side of the top 4" lateral that is connected to a separate outlet.

Tile flow, and nitrate loads and concentrations, in the three systems between November 2018, when they were installed, and April 2019 are

shown in Figures 2 and 3, respectively.

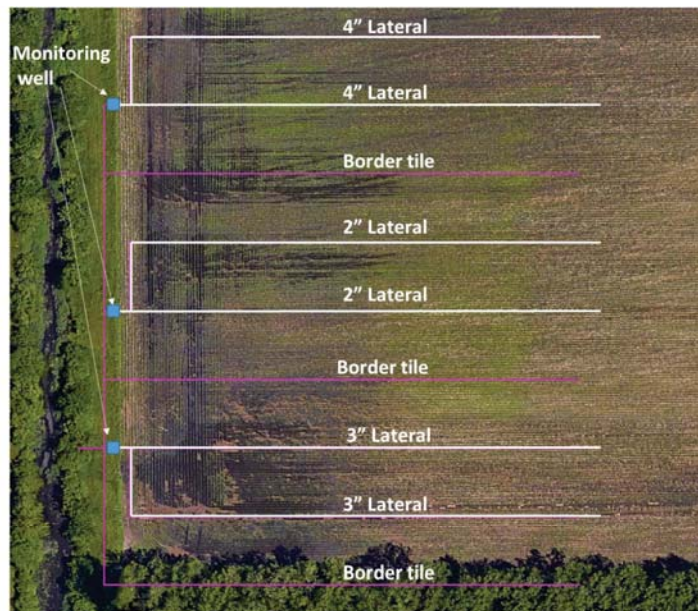


Figure 1. Layout of 3/8" drainage coefficient, 70' spacing drainage systems on the South Farm

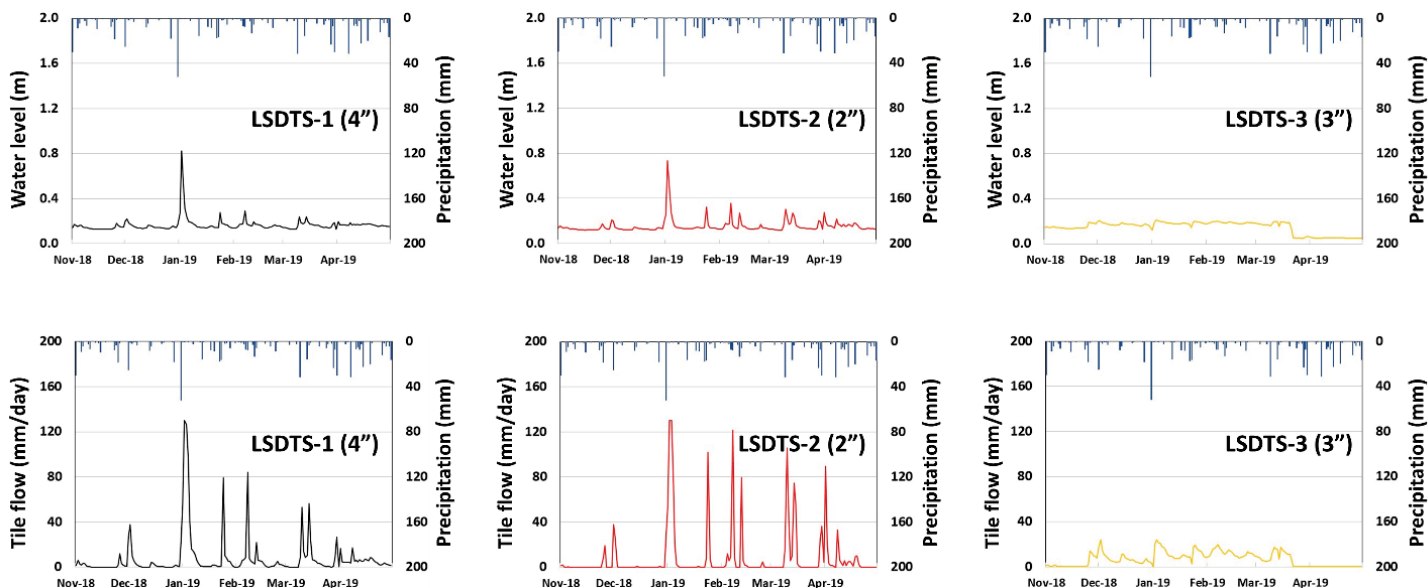


Figure 2. Tile flow in small diameter drainage systems on the South Farm

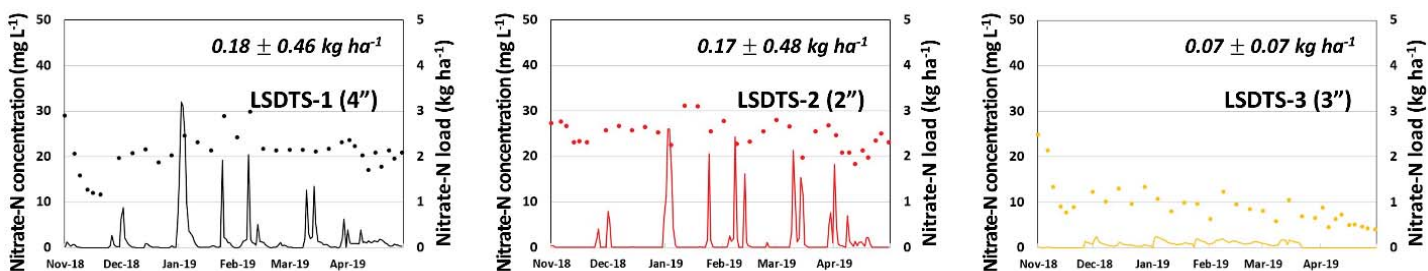


Figure 3. Nitrate concentration and load in small diameter drainage systems on the South Farm

The flow and nitrate characteristics of the 2” and 4” systems were similar. However, flow peaks and nitrate concentrations were lower in the 3” system. This difference is consistent with the recent discovery that one of the 3” laterals inadvertently intercepted an old 10” clay tile, the existence of which came as a surprise to everyone. One drainage contractor commented, “Welcome to my world.” The 10” tile was repaired (Figure 4), the downstream section of the 3” lateral was capped, and the upstream section was connected to the old clay tile.

This experience demonstrates one of the challenges inherent in plowing in tile (Is that Norm laughing in the background?). In many instances the location or existence of old tile in a field is not known, and it is not always easy to tell if such a system has been impacted by a plowed-in tile. It is also an indication why data from the first year of a drainage study is often excluded from a drainage study. It takes time for a drainage system to settle down, and time to figure out anomalies in the study. The rest of the discussion will be limited to the 2” and 4” systems.

The peak flows in the 2” and 4” systems exceeds the design capacity of the laterals. Such occurrences are consistent with a flat water table. In such instances water enters the laterals in excess of the design rate. The process was explained in a previous article on choke points in drainage systems.

The nitrate concentration exceeded 10 ppm in both systems

over the entire period. These concentrations were, on average, higher in the 2” system, but mean daily loads and variations in load were similar for both systems.

Although no conclusions should be drawn from this first site in the first year of the study, the similarity between the systems is encouraging. We will continue to observe the performance of the systems as they age, and report the results in this newsletter. We will be in a position to answer questions about the performance of 3” and 2” systems.



Figure 4. Repairing old clay tile impacted by new drainage system

2019 National LICA Summer Meeting Tentative Agenda



Tuesday, July 9

9:00 am - 5:00 pm Mount St. Helen's Tour

Wednesday, July 10

8:30 am - 5:30 pm Columbia River Gorge & Mount Hood Tour

7:00 pm - 10:00 pm Executive Committee

Thursday, July 11

8:00 am - 2:00 pm Educational Seminars

10:00 am - 12:00 pm Executive Directors

6:00 pm - 6:45 pm Associates' Meeting

7:00 pm - 10:00 pm Associates' Night

Friday, July 12

7:00 am - 7:30 am Devotions

7:30 am - 8:00 am Committee Chairs

8:00 am Breakfast

9:15 am - 6:00 pm Committee Meetings

12:00 pm Lunch

Saturday, July 13

7:30 am - 8:00 am Devotions

8:00 am Breakfast

10:00 am - 11:00 am Board Meeting

12:30 pm Lunch

2:30 pm Portland City Tour

Educational Seminar *(More TBA)*

Thursday, July 11

Social Media Basics

Presented by: Allison Hack

Facebook, Twitter, Instagram all can be valuable tools for your business. Over the past 15 years social media has exploded in popularity. It has made publishing content and reaching consumers so easy...if you know how to use it. In this session you will get the basics of starting a social media presence, and an overview of how it can have a positive impact on your business.

The LICA Fishing Contest

Thursday, July 11 at Associates' Night



LICA is bringing the outdoors, indoors! Using Virtual Reality, there will be a fishing contest during Associates' Night. Associates are welcome to participate in the event and/or donate prizes for the winners.





2019 National LICA Summer Meeting Registration Form

Company _____
 City _____ State _____
 Phone _____
 Email _____

Names of Attendees (for Badges)

Name _____
 Name _____
 Name _____
 Name _____

Early Bird Registration Postmarked by **June 8, 2019**

Members, Spouses, Associates **\$295**
 Number Attending _____ Total \$ _____
Youth: 13 Years & under *Free*
 Number Attending _____

Registration Postmarked after **June 8, 2019**

Members, Spouses, Associates **\$325**
 Number Attending _____ Total \$ _____
Youth: 13 Years & under *Free*
 Number Attending _____

Registration Includes: Associates' Night, Friday Breakfast & Lunch, Saturday Breakfast & Lunch.

Optional Tours

Tues. July 9
 Mt. St. Helen's No. Attending _____
 Cost \$109 per person Total \$ _____

Weds. July 10
 Columbia & Mt. Hood No. Attending _____
 Cost \$79 per person Total \$ _____

Sat., July 13
 Portland City Tour No. Attending _____
 Cost \$29 per person Total \$ _____

Tour Total **\$** _____

Convention Total **\$** _____

(tours plus convention registration)

Return this form with payment to:
LICA Summer Meeting
3080 Ogden Ave. Suite 300, Lisle, IL 60532

Hotel Information:
Hilton Vancouver Washington
301 West 6th St.; Vancouver, WA 98660
Calling on or before the deadline does NOT
guarantee you will get in the room block.
Make your reservations today, the block fills up fast.
Call: (360) 993-4500 Reserve by: June 8, 2019

Enclosed is my check for \$ _____
or charge my credit card
 Credit Card MC Visa

Cardholder _____
 Card # _____
 Exp. _____ 3 Digit Code _____
 Billing zipcode _____

Registration Policy: Only individuals registered and wearing badges may attend Summer Meeting events. No registration will be processed without payment. Registration fee deadlines will be strictly enforced.

Refund Policy: For cancellations received prior to June 29, 2019 a \$30.00 charge will be deducted from the original amount paid. No registration payment will be refunded after June 29, 2019 unless there has been an emergency.



Illinois Land Improvement Contractors Association Annual Picnic, Members' Meeting, & More

August 3rd, 2019

**Southwind Park - Hope Institute Pavilion
4965 S. Second St., Springfield, IL 62703**



Please join Illinois LICA for our Annual Picnic and Summer Members' Meeting at the Edwin Watts Southwind Park in Springfield, IL. The day will begin with a tour of Springfield Plastics, Inc.'s manufacturing plant located in Auburn, IL (7300 W. State Route 104, Auburn, IL 62615).

After the plant tour, we will head 30 minutes north to Southwind Park's Hope Institute Pavilion in Springfield for a grilled picnic lunch and the members' meeting. Following the members' meeting, members and their families are invited to enjoy any number of great activities offered through the following park amenities:

- Fishing piers
- Great lawn (8 acres: frisbee, kite flying)
- Sports courts (bocce ball, horseshoes, shuffleboard)
- Playground (city's largest)
- Sensory gardens
- Tram



Schedule

9:00 - 10:30am	Springfield Plastics Plant Tour - Auburn, IL
11:30 am - 12:30 pm	Lunch @ Southwind Park (Hope Institute Pavilion) - Springfield, IL
12:30 - 3 pm	Members' Meeting @ Southwind Park (Hope Institute Pavilion) - Springfield, IL

Please RSVP by July 15th

Name/Company Name: _____



- Yes, I/we will attend the Springfield Plastics Plant Tour @ 9:00 am. # _____
- Yes, I/we will attend Lunch at Southwind Park @ 11:30 pm. # _____ (\$15/person or \$40/family)
- Yes, I/we will attend the Members' Meeting at Southwind Park @ 12:30 pm. # _____

Please list names of all those attending. _____

Return To:

Illinois LICA
P.O. Box 474
Brimfield, IL 61517 or Fax: (309) 446-3744

Total Amount Enclosed: \$ _____

OR Bill Me

This notice is to inform all officers, directors, alternate directors, chairmen and members of standing committees, and all active members of the Illinois Land Improvement Contractors Association, Inc. that the next ILICA members' meeting will be held on **Aug. 3, 2019 at 12:30 pm at Southwind Park, Springfield, IL. *All members are welcome and encouraged to attend.***

Hotel Block Information - Drops July 2.

Aug. 2nd & 3rd: Drury Inn & Suites, Springfield, IL - (217) 529-3900; King @ \$119 + tax
Aug. 2nd & 3rd: Route 66 Hotel, Springfield, IL - (217) 529-6626; King & Doubles @ \$89 + tax

2019 ILICA COMMITTEES

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Chad Nicholson
John Pogge
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UNIVERSITY OF ILLINOIS EXTENSION SUMMER DRAINAGE WORKSHOP

August 6-7, 2019 - Richland Community College
NSEC Building - One College Park, Decatur, IL

Join us for this 2-day, comprehensive drainage workshop training which includes concurrent introductory and advanced drainage design sessions, exhibitors, and a field day. From beginners to seasoned drainage veterans, there will be valuable content for every experience level.

TUESDAY, AUGUST 6			
	INTRODUCTORY DRAINAGE DESIGN	ADVANCED DRAINAGE DESIGN	ACDT
8:30 - 9 am	Registration		ACDT trainees can choose to participate in any of the Introductory or Advanced Drainage Design Sessions
9 - 10:30 am	Surveying Basics, Calculating Slopes	QGIS*, Map Interpretation, Latitude/Longitude, State Plane Coordinate System for Illinois	
10:30 - 10:45 am	Break		
10:45 am - 12:15 pm	Soils, Drainage Coefficient, Lateral Spacing	Illinois LiDAR data*, Creating Contour Lines*	
12:15 - 1:15 pm	Lunch (included w/registration)		
1:15 - 2:45 pm	Sizing Mains, System Layout	Watershed Delineation*, Sizing Control Zones*	
2:45 - 3 pm	Break		
3 - 5 pm	Drainage Water Management Plan Development*		
WEDNESDAY, AUGUST 7			
8 - 8:30 am	Registration		Standards & Specifications of Drainage Water Management
8:30 - 10:00 am	Drainage Outlets, Drainage Ditches	Trench Safety	
10:00 - 10:15 am	Break		Case Study & Messaging
10:15 - 11:45 am	Hands-on System Design**	Developments in Drainage Research & Modeling	
11:45 am - 12:30 pm	Lunch (included w/registration)		
1:00 - 3:30 pm	PUBLIC FIELD DAY at Al Boyd's DWM Field (Argenta, IL)		
4:30 pm	Optional social for ACDT, ILICA participants		
*QGIS, a free, public domain GIS software will be used in these sessions. Participants are encouraged to download and install Version 3.4 of this program before the workshop. It is available at: https://qgis.org/en/site/			
** Participants can choose to design a system for one of their own fields.			



UNIVERSITY OF ILLINOIS EXTENSION SUMMER DRAINAGE WORKSHOP REGISTRATION

August 6-7, 2019 - Richland Community College
NSEC Building - One College Park, Decatur, IL

Registration Workshop Fees	
Full Registration:	\$35

Yes, I will attend the following University of Illinois Extension Summer Drainage Workshop Session(s)

- Introductory Drainage Design (\$35)
 Advanced Drainage Design (\$35)

Name: _____ Phone: _____

Address: _____ City, State, Zip: _____

Company Name: _____ Email: _____

Additional Attendees: _____, _____, _____,

Registration fee must be received by July 30 to guarantee spot.

Mail to: ILICA
 P.O. Box 474
 Brimfield, IL 61517
 Fax: (309) 446-3744

Total Enclosed: \$ _____

<p>Hampton Inn 1429 Hickory Point Dr. Forsyth, IL 62535 217-877-5577</p>	<p>Please contact the hotel and mention group code LIC before July 21st to receive the group rate of \$123+ tax.</p>
------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------

IMPROVING PUBLIC IMAGE: HOW CAN CONTRACTORS ENGAGE WITH THEIR COMMUNITY?



What is the public image of drainage? I asked this question to an audience of drainage contractors when I spoke at the 2019 Land Improvement Contractors of Ontario (LICO) annual conference during my presentation on social license for the drainage industry.

There is not just one public image of drainage. Agricultural clients may have the view that drainage is a practice that is beneficial, or rather, vital for growing crops. Others have suggested we've focused too much on drainage and not enough on soil health. Some of the general public understands tile drainage can mitigate the effects of water erosion, while others believe tile drainage is to blame for nutrient loading into water. In 2017, research from the Canadian Centre for Food Integrity indicated only 34 percent of respondents felt Canadian farmers were good stewards of the environment. So where does that leave drainage contractors?

What the public thinks is becoming increasingly important. In an article about social license published in Farm and Food Care Ontario's booklet, "The Real Dirt on Farming," Ted Menzies, Canadian politician, said, "Farmer – and industry – must now rely on public trust for their right to operate . . . their social license."

The article defines social license as "The level of public trust granted to a corporate entity or industry sector by the community at large and its key consumer base. Public trust is the belief that activities are consistent with social expectations and the values of stakeholders, and earned through industry engagement, operating practices, and expressed values."

Industry tacitly garners public trust by doing what is "right." The difficulty of social license is that it's difficult to gain and easy to lose. It constantly changes with societal values and expectations. It involves those who aren't your target audience, leaving you to work harder to sell the value of your service. You might be the best drainage contractor around but public relations and marketing are a different skill set.

More difficult yet, social license is not an individual action or responsibility – it is industry wide. For those in Ontario, the general public will not likely draw a distinction between a farmer doing their own tile drainage and a licensed contractor who has invested time and resources into training and licensing. One botched job in your sector can bring you all down.

So what do we do? Here are some ideas:

1. Get involved in projects that garner a lot of public attention from non-traditional audiences, like wetland construction projects or community agriculture initiatives. Let people know that the drainage industry is not just "feet of tile installed," but part of a more complicated erosion control/water quality/agricultural sustainability initiative.
2. Meet the researchers involved in soil health and water quality at your local educational institution. They are usually looking for partners or sites to help with technical expertise. Show them the value of your experiences in the field.
3. Talk to people about your work. Public speaking may not be your forte, but there are many programs available to gain more experience with presentation skills. Public speaking also allows you to dispel myths about drainage. You don't have to jump into formal lectures right away; there are many events where the audience gathers in the field or around the equipment. This is familiar territory where you can excel.
4. Recognize opportunities when they arise. Events such as ditch or river clean ups, or those geared towards controlling invasive species, are prime opportunities to meet people concerned about the environment and who are involved in small, but important activities to help. You could organize or sponsor these events, in return for a chance to talk about the ways that drainage assists in their cause.
5. Consider passive forms of marketing. Those in agriculture will recognize a tile drainage project by the telltale signs and patterns in the soil. The general public, however, may see agricultural productivity at the expense of water quality or habitat loss – or maybe they'll see nothing at all. Next time you do a project, consider putting up a sign pointing out some of the benefits from the project:
 - Will it reduce water erosion?
 - Is tile drainage being used in with other best management practices, such as berms?
 - Is the drainage paired with another cropping practice, like reduced tillage or cover crops, that the general public wouldn't know about?
6. These signs also pose an opportunity for brand recognition. Remember that social license is a collective responsibility, not individual. What if contractors got together to promote the professionalism or benefits of all of their

(Continued pg. 21)

IMPROVING PUBLIC IMAGE: HOW CAN CONTRACTORS ENGAGE WITH THEIR COMMUNITY? (CONT.)

projects as a collective? This would also divide the rogues of the industry from those that are innovative and engaged.

Remember: there is a story to tell. You can either tell the story and control the messages, or someone will tell it for you. Recognize where the industry is lagging and take steps in your LICO/LICA organization to change it.

Source: This article was originally written by Jacqui Empson Laporte, an environmental specialist and member of the drainage team for the Ontario Ministry of Agriculture, Food and Rural Affairs. This article originally appeared in the May 2019 edition of Drainage Contractor magazine and was republished with permission.

For more great industry articles check out www.drainagecontractor.com. And don't forget, all drainage contractors in North America qualify for a free subscription to Drainage Contractor magazine.

BE AWARE BE PREPARED

IDENTITY THEFT

We've all heard the horror stories about how difficult it is recovering from having your name, Social Security number or credit card numbers stolen. Fortunately, there are steps you can take to help minimize the risk of identity theft.

Mail

Check your home mailbox daily, and drop your outgoing mail into a secure postal mailbox only. Also, pay attention to your billing cycles; identity thieves may change your billing address, so a late bill may indicate a problem.

Personal Items

Carry only what you need and keep a list of those items on paper. In the event of a mishap, you'll know who should be notified and the phone numbers to call to cancel the accounts. If your wallet is lost or stolen, follow these tips:

- Call your credit card company immediately and have that particular card canceled.
- File a police report in the jurisdiction in which your property was stolen. This will help provide proof of immediate action to your credit card providers.
- Call the three national credit reporting organizations as well as the Social Security Administration so that a fraud alert can be placed on your name and Social Security num-

ber. By doing so, any company that checks your credit will know to contact you by phone before approving any credit transactions. Try calling the following numbers:

⇒ Equifax—888-766-0008

⇒ Experian—888-397-3742

⇒ TransUnion—800-680-7289

⇒ Social Security Administration—800-772-1213

Personal Information

Give out information on a “need to know” basis only. Omit your Social Security number and driver's license number on your bank checks. If required to use your Social Security number as an account number, request an alternate identifier. Finally, invest in a shredder for destroying documents that contain personal information.

Computer and Credit History

Regularly update your virus protection software or use a fire-wall program. Before you dispose of your old computer, delete personal information by using a “wipe” utility program to “clean” all the information off your hard drive. Lastly, it can take months to learn that someone has applied for credit in your name. To stay up-to-date on your credit history, review your credit record at least once a year.

Source: Be Prepared & Playing It Safe Newsletter - From Prins Insurance LICA Portal



ASSOCIATES

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CALENDAR OF EVENTS

Illinois

Constructed Wetland Demonstration

July 22-27, 2019

Illinois Central College (ICC) - East Peoria, IL
Requesting Volunteers

Advanced Conservation Drainage Training

July 24-25, 2019

Classroom Training - East Peoria, IL (ICC Campus)
Wednesday: 8 am - 5 pm

Constructed Wetland Field Day - East Peoria, IL (ICC)
Thursday: 8 am - 12 pm

Summer Picnic & Members' Meeting

Saturday, August 3, 2019

Springfield Plastics, Inc. - Auburn, IL
Plant Tour - 9:00 am

Southwind Park - Springfield, IL
Members' Meeting - 12:30 pm

Hotel blocks at Drury Inn & Suites - Springfield, IL &
Route 66 Hotel - Springfield, IL

U of I Extension Summer Drainage Workshop

August 6 - 7, 2019

Richland Community College
NSEC Bldg. - Decatur, IL

Farm Progress Show Demonstrations

August 27-29, 2019

Richland Community College - Decatur, IL
Requesting Volunteers for Tile, Bioreactor, & Mock Line
Strike Demonstrations

National

2019 LICA Summer Convention

July 9-13, 2019

Hilton Vancouver Washington
301 W. 6th Street, Vancouver, WA 98660

Phone: (360) 993-4500 (Land Improvement Contractors)

<http://group.hilton.com/LandImprovementContractorsOfAmerica>

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SAFETY FEATURE: THE DANGERS OF JOB SITE CELLPHONE USE

Interruptions as short as 2.8 seconds double the likelihood of job site errors—errors that can cause injury or even death.



- Don't carry your cellphone on you if the temptation to check it is too much. Instead, leave it in a safe place where it won't distract you from your job.
- Follow your workplace policy for cellphone use at work and on the job site. Be aware of any cellphone-free zones.

Besides creating enormous safety risks, employees who are texting at work are not doing what they are getting paid to do. For this reason, these workers may be subject to disciplinary action.

If you have questions about your company's workplace cellphone policy, or if you notice inappropriate cellphone use on the job site, don't hesitate to discuss it with your supervisor or HR.

According to a recent study, the average person checks their cellphone 100 times a day. While there is a time and a place for cellphones, using it at the job site can be extremely dangerous.

If you're distracted for just a second while operating a power tool, working on a roof or driving a forklift, you can injure yourself or a co-worker. You can also face civil or criminal liability for damages you cause by operating a motorized vehicle while using a cellphone.

It isn't only operators of machinery who need to be mindful of the dangers of cellphone use on the job site. Simply looking down at your cellphone and not paying attention to your surroundings could put your life in danger.

Cellphone Safety Tips When On-site

The Occupational Safety and Health Administration (OSHA) prohibits cellphone use by operators of cranes and similar equipment. Most organizations prohibit any kind of cellphone use on the job site—not just for crane operators. It is your responsibility to know how your company's rules apply to you and follow them accordingly.

If you struggle with the temptation to check your phone while working on a job site, consider the following safety tips:

- Get in the habit of sending and receiving text messages before or after your shift, or during one of your breaks.
- Remind family and friends that you may not be able to respond to their messages right away. Provide them with your workplace contact information in case of emergencies.
- Turn off push notifications so you're not distracted by any apps.

Discussion Date: _____

Employee Participants



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