# **ILICA**



# NEWS

# Land Improvement Contractors Of America · Illinois Chapter

#### November - December 2015

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#### **Upcoming Events:**

**ILICA Convention & Members** Meeting - East Peoria January 14 - 16, 2016

Nat'l LICA Winter Convention

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JANUARY 14 - 16, 2016



• 3 CEU's For Annual Septic Licensing

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- 811 Remote Ticket Entry Certification
- IDOT Regulations for Contractors
- CPA Update
- Drainage Law

(Convention schedule - page 21)

#### Trade Show

Thursday: 8:30 am - 7:00 pm Friday: 8 am - 12:30 pm

#### **Member Meeting**

Friday: 1:30 pm

(Registration Form - page 22)

## Also Featured Inside:

Changes At The ILICA Office: Introducing Ryan Arch (page 7) "Golden Ticket" For Cat D11T Demo Cashed In (page 11) **Extension Connection: Liquid Manure Application To Tile** Drained Fields (page 12-14)

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## The ILICA News



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#### **FEATURES**

Executive Director's Message
Introducing Ryan Arch
Contractor Classified
Priority Illinois Watersheds Selected
"Golden Ticket" For Cat D11T Demo Cashed In
National LICA Winter Convention Update
Ladies Convention Activity Update
2016 ILICA Tentative Convention Schedule
2016 ILICA Convention Registration
COLUMNS
Presidents Message
New Members
ILICA Ladies Page: 10 Xmas Party Ideas You Haven't Thought Of Yet 8
The Extension Connection
The Extension Connection
2015 Committee Members
2015 Committee Members   10     Member Application   17
2015 Committee Members.       16         Member Application       17         Featured Benefit: New Contractor FREE Convention Registration       18
2015 Committee Members.16Member Application17Featured Benefit: New Contractor FREE Convention Registration18Advertisers Index19

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Page 4 November - December 2015



#### PRESIDENT'S MESSAGE

There are additional articles in this newsletter addressing important developments occurring since the last issue. Since this transition is vital to the organization, I think it is very appropriate that the leadership let the membership know about how this process went.

At the September board meeting Janet announced that she wished to step back and would not seek to renew her contract as Executive Director. Janet's annual contract runs the same as the calendar year. The board discussed this in detail and decided that our first effort would be to attempt to find a successor that would fit into our present business model. Since we have a very capable and valuable part-time assistant in Lauri Schneider and office space that is reasonably priced and suits our needs, it would minimize the disruption to the organization if the office could remain at its present location. If this could not be achieved then we would look at the option of soliciting from a larger geographic area and then address the office location.

The Executive and Headquarters committees were commissioned to this task. The board agreed that at least in the beginning, we would attempt to find someone by word of mouth. If we could find no interested parties, then we would advertise. We were directed to approach a former member first, then, if he was not interested, attempt to find other interested individuals, get resumes and conduct interviews. We approached four potential candidates before we found someone interested and willing to interview. Before we concluded and closed the application period on October 31, we interviewed two individuals and reviewed one additional resume.

The committees made their recommendation to the board at the November meeting and the board approved that recommendation to offer this position to Ryan Arch. Ryan's background is in biology and he is presently working for the Henry Co. SWCD and resides with his family at Galva. We at ILICA welcome Ryan and are anxious for all of you to meet and visit with Ryan and his family at this next convention.

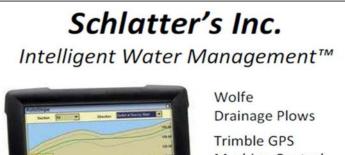
Regarding other association business, ILICA had two successful construction projects this year. The project sponsors are already speaking with us about planning future projects. We are continuing to discuss and support the Illinois Corn Growers research farms project. Thank you to the members who serve on the show committee, the members who volunteer to donate their time to come and help operate machines and the associates who graciously donate machines and supplies. These shows would not happen without the support of our associates, THANK YOU!!!

I will only briefly state that the Illinois SWCD's are still in the situation of not being in the State of Illinois budget. Further, the SWCDS and the Drainage Districts are being considered in the Lt. Governor's taskforce dealing with the reduction of Governmental entities in Illinois. The proposals concerning the latter might be a larger concern than the first. That's all that I know at this time.

The Federal EPA and COE's proposal concerning the WOTUS has been issued another order of stay or similar by another US Court and now includes all the states of the entire nation as I understand. National LICA lobbyist, John Peterson has been busy the past year and does an excellent job of keeping members informed of developments in Washington DC. I think any of us that care to get info from John by email can request to be put on his email list and keep current on issues of concern to LICA.

Well, many of us have recently received significant amounts of rainfall and or snow. Field work might be delayed for a while. Along with saturated soils come additional hazards, so please be careful. The Holidays are upon us and Judy and I wish everyone a Happy Thanksgiving, Merry Christmas and Happy New Year. We hope you and your families can enjoy the season in good health. We also hope to see you all at the Convention in East Peoria in January.

Tom Beyers, President





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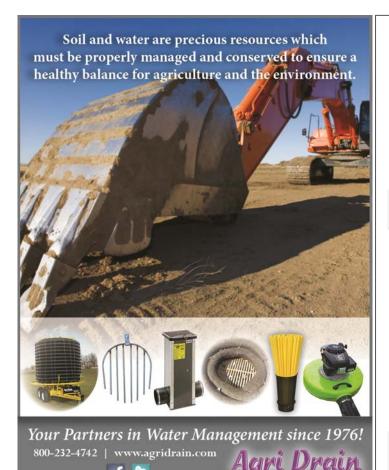
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Page 6 November - December 2015



## EXECUTIVE DIRECTORS' MESSAGE

Please don't be alarmed, but I have informed the board of directors that I will not seek to renew my contract as ILICA Executive Director next year. This has been

a very difficult decision for me to make, but one I have prayerfully considered to the point of knowing that this is the path that God intends me to follow.

When I started with ILICA in 2006, my goals were to help make this the most professional trade association it had the talent to be and to get contractor membership back up to 200. I feel I have been instrumental in enabling the organization to accomplish both. During my tenure, membership has gone from 89 contractors to 232 and ILICA is now seen as an important resource to the industry by many influential organizations and agencies. This is as it should be. ILICA is at the top of its game, which is the one thing that has made this decision a little easier.

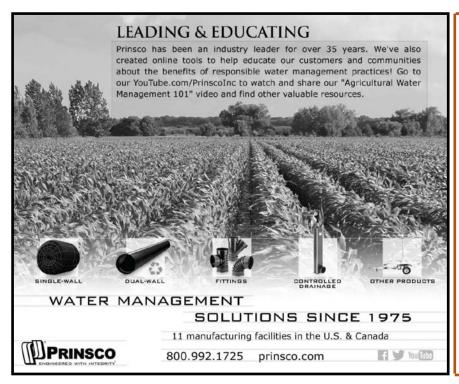
I would like to assure everyone that Bill and I are both in excellent health and that this decision has been made to allow us more time off together to pursue other endeavors. Things have changed a lot in 10 years and the opportunities ILICA has ahead of it will only increase in the coming years. The polar-opposite schedule created by Bill being in the industry and my duties as ED will also increase proportionately, and as it turns out, this ended up being the perfect time for a transition.

We're not retiring by a long shot although I hope my time will be spent in some type of "virtual" employment, which

is possible with today's technology. I am currently working with the board on allowing me to continue as editor of the "TLICA News" beyond the end of my tenure, January 31st, which will be decided at the member meeting in January. Based on the many positive comments the newsletter gets on its content and appearance, I believe it has become an important educational tool for the organization, and one I would be proud to continue being involved in.

So, after several weeks of inquires, phone calls, conference calls and meetings, Ryan Arch, successor Executive Director, has been approved by the board and will begin to work with me at the office at the first of the year. Since Ryan lives close to Brimfield, the office will remain there and Lauri Schneider, who has been such a help to me over the past three years, will continue to support Ryan in the same way. Her familiarity with our events and day to day office procedures will be a real asset to Ryan as he finds his feet in this positon. I plan to be available to Ryan and Lauri as this transition proceeds as well. The past decade of growth has created a very solid base, and with your support, this organization can now move to the next level. I am hopeful and excited for the future of ILICA.

Let me close with my sincere thanks for allowing me to be part of this great organization. I have found myself inspired by the many challenges along the way and have taken great pride in the many successes the members have accomplished during my tenure. I am certain that the next few years can be even more successful. That of course, will always be my hope for ILICA.



# 2015 AWARD NOMINEES

Outstanding Service

With two very successful building projects this past summer,

along with all the typical ILICA activities throughout the year, there should be plenty of nominees for awards for this convention. Please, take a minute to send an email to the ILICA office with your suggestions.

Some have already been turned in via email and at the November 5th board meeting but, please, we want to know your thoughts about those you are aware of who have worked very hard to support ILICA in 2015.



## INTRODUCING RYAN ARCH

As was alluded to in the ED's message on the facing page, this particular point in time ended up being the perfect time for a transition, although no transition is easy. As ILICA president Tom Beyers mentions

in his message, Illinois SWCDs are in dire circumstances. And as sad as that is to conservation throughout Illinois it created a circumstance that has brought Ryan Arch to our door.

Ryan was referred to Tom through a colleague he works with as VP of the Association of Illinois Soil and Water Conservation Districts (AISWCD) as an exceptional individual that was unfortunately, going to be a causality of the state budget, or lack thereof. Lee Bunting, current ILICA VP, also knew of Ryan though the AISWCD. But since the process that was taken to arrive here has already been explained in Toms message, let's get right to this introduction.

Ryan is originally from the Kewanee area and has settled back in Galva with his family. He comes to the position with two degrees, biology and environmental studies, but no real farming background, despite growing up in the country. However, his first job out of college was with a soil testing company, which placed him headfirst into the ag industry. So, with experiences ranging from nutrient management to ethanol production and to most recently in-field conservation and with "office" settings ranging from labs to farm fields, he has been involved with many facets of agriculture, giving him a real familiarity with the industry.

And although the States' financial woe's are what prompted Ryan to start thinking about what he needed to do to secure his future, he sees the ED position as an opportunity to further advance his career in an arena that heavily overlaps with his SWCD experiences. And that experience will be invaluable as ILICAs involvement with current and new partners continue to develop. Ryan has a working knowledge of what NRCS & SWCDs are looking for in terms of structure design and practice implementation, and he already has relationships with many of these agencies' contacts throughout the State.

Along with his industry familiarity, Ryan has many other talents that suit the ED position particularly well. As the Henry County Resource Conservationist, Ryan has experience putting on workshops, organizing and promoting the Districts' Annual meeting, creating press releases and other public relations material, publishing the Districts' newsletters and serving as Webmaster for their website. Ryan currently works for a board of directors, which is a talent in and of itself, is familiar with industry legislative issues and has experience with Quickbooks and maintaining secure records accord-

ing to State guidelines. All of these skills, along with his dynamic personality, are what make Ryan an easy fit for this position.

And Ryans' personality was probably the most persuasive part of his resume. From the references provided during this process, Ryan is described exactly as he presented himself at his interview; as a self motivated, observant, inquisitive, and charismatic individual. Comments like "very fast learner", "outstanding team player", "highest marks for interpersonal and communication skills" and "proficient at bringing multiple disciplines together in order to achieve a common goal" are just a few of the accolades found in his references.

Ryan has commitments that will keep him busy through the end of the year but he also has goals in mind for this position after spending quite a bit of time on the phone with Tom Beyers and Janet. Those being to increase ILICA promotion, education, and membership, while also building upon existing relationships with other interest groups, agencies, and partners. He also states that "This position is an opportunity to better myself and my family with an organization that is very respectable, hardworking, and crucial to the State of Illinois. This position affords my growing family stability along with some schedule flexibility and office space close to home. And with my previous job experiences, network contacts, and family ties to the area, I look at this position as a great career move."

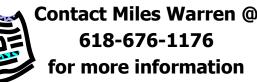
Ryan will attend the annual UFG/State LICA insurance program meeting in Cedar Rapids with Tom and Judy Beyers and Steve Anderson in early December and will begin his training with ILICA at the first of the year ... right before convention! Everyone will have the chance to meet him there, but of course, there will be a lot going on. No transition is easy, but if the members, board of directors and ILICA leadership support Ryan the way they did Janet when she started 10 years ago, there is no doubt that he will succeed in assisting this organization to the next level of professionalism.





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Page 8 November - December 2015



# **10 Christmas Party Themes You Haven't Thought of Yet**

www.marieclaire.com: By Kate Schweitzer and Alanna Greco

Because you can only attend so many ugly sweater parties.



#### **Reverse Christmas in July**

Christmas in July is a time-honored midsummer party favorite. In the summer's hottest month, people pretend it's Christmas—complete with a tree, gift exchange, and hearty meal. Well, turn the tables on this tradition with a beach-themed romp

in the dead of winter. Beach balls, mojitos, everyone's favorite *Christmas with the Beach Boys* album, and ample sunscreen are a must.

#### **Holiday Movie Marathon**

Because you would have been searching for holiday movies on Netflix anyways, so why not have a holiday film fest? Just keep it to less than five to avoid merry movie fatigue. And if just watching hours of movies isn't exciting enough for you or your

couch guests, add some action with a drinking game. Take a shot whenever someone says "Christmas spirit" or whenever anyone in Santa garb is on screen.

#### **Marshmallow Roast**

Roasting marshmallows around a campfire (or a crackling fireplace) is the best. Just stock up on chocolate bars and graham crackers for s'mores...and some



peppermint schnapps to wash 'em down. Spend the night getting roasted and toasted.



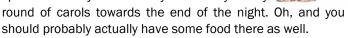
#### **Pet Holiday Party**

Because cats and dogs like nothing more than to be dressed up, why not throw a party just for them and their adorable outfits? Imagine: a gathering with multiple puppies dressed in Santa hats. If

that's not Christmas joy, we don't know what is. Bonus points if you can construct a makeshift photo area complete with an instant camera so that you and your friends can take holiday-themed photos with Fluffy. They can always use the photos for next year's Xmas card.

#### **Cherry Cocktail Potluck**

Instantly upgrade a holiday potluck by asking friends to bring their favorite holiday cocktail instead of food. Candy cane martinis, eggnog, spiked cocoa...just be ready for a very rowdy





#### **Christmas Carol Karaoke Night**

You may not be a fan of unsolicited carolers banging on your door at night, but that doesn't mean you shouldn't enjoy an opportunity to bust out Mariah Carey's "All I Want

for Christmas Is You." Either hit up a karaoke bar with private singing rooms or invest in a home karaoke set, and rock out to the holiday's best jams. Like the movie marathon, a complete Christmas playlist may take all night, so consider sticking to a theme.

#### **Gingerbread House Decorating Competition**

Why not take a charming childhood tradition and turn it into a cutthroat competition? Have all of the supplies for traditional gingerbread house building ready, but also chose a judge and a few different categories (such as most creative, best construc-



tion, best candy curating, etc.). If you want to make things more interesting, chose a theme for the competitors (the more random, the better), set a timer, and ready, set, GO!

#### Christmukkah Party

Seth Cohen was on to something when he merged together two of the most present-filled holidays into Chrstmukkah.

Throw an all-denominations holiday celebration and decorate with trinkets from every creed - a

Christmas tree for, well, Christmas, dreidels for Hanukkah, and a kinara candle holder for Kwanzaa, to name a few — and spend the evening learning about one another's holidays.

#### **Christmas Cast-Off Gift Exchange**

Re-gifting — the act of handing off one of your previously received unwanted gifts to someone else — may be considered tacky in some circles, but when everyone's doing it, it can't be that bad, right? Have all of your friends come over with one of last Christmas' cast-offs — a leopard-print Snuggie, an automatic-twirling spaghetti fork, or a hot-pink clip-on tie. Make sure everyone's gifts are wrapped and then play a version of "White Elephant," where people can pick from the pile or steal someone else's new acquisition.



#### 12 Days of Appetizers Party

Christmas cookies are great, but that doesn't mean that we aren't as excited about savory

holiday snacks (cheese everywhere!). Instead of

hosting a cookie swap, have friends bring their favorite Xmas appetizers for an apponly potluck-no main dishes invited! And yes, make one person bring cookies.



#### PRIORITY ILLINOIS WATERSHEDS SELECTED



Last week USDA announced Natural Resources Conservation Service (NRCS) is investing \$30 million in 73 projects to improve water quality in high priority watersheds in the Mississippi River Basin. Projects will reduce loss of nutrients and sediment to waters that flow into the Gulf of Mexico. "This offers a huge opportunity for local landowners and operators who can step up and get involved in addressing these resource concerns," said Acting Illinois State Conservationist Eric Gerth.

The strategy NRCS uses targets small priority watersheds within the Mississippi River Basin. Projects offer incentives for local landowners and add partners to join forces for a more powerful impact. "NRCS is interested in ideas, practices, and improvements to improve water quality for landowners, the local community, and everyone in these watersheds. Illinois has two new projects as part of the regional effort that will support the Mississippi River Basin," Gerth added.

NRCS funds projects through the Mississippi River Basin Healthy Watersheds Initiative (MRBI). MRBI uses several Farm Bill conservation programs, including the Environmental Quality Incentives Program (EQIP), to help farmers adopt con-

Champaign, IL - November 13, 2015 - Source: Paige Buck, Public Affairs

servation systems that improve water quality, enhance wildlife habitat, and restore wetlands. Since the initiative's start in 2009, NRCS works with more than 600 partners and 5,000 farmers to make conservation improvements on more than 1 million acres in the region. Last year, Illinois NRCS secured 21 MRBI contracts on 1,782 acres, putting more than \$550,000 in EQIP conservation practices and solutions on the ground in the next few years.

NRCS will work with partners and landowners in two target watersheds to inventory resource concerns, identify practical and science-based solutions, and find farmers who commit to put conservation practices on the ground where they are needed most. These watersheds have water quality issues as shown in table below.

"We know voluntary conservation works," adds Gerth. "With added support from local partners and dedicated NRCS funding, we can make a difference here." Given recent news about Illinois' Nutrient Loss Reduction Strategy and concerns about water quality issues, Gerth feels using EQIP to solve problems in a voluntary manner is the best option available. For more information about MRBI and EQIP, call your local NRCS office or visit www.il.nrcs.usda.gov today.

Target Area	Resource Concerns	Counties	Conservation & Local Partners
il linton i ake Watershed	Nitrogen & Sediment Delivery	R Diatt	DeWitt County SWCD, McLean County SWCD, Piatt County SWCD, Exelon Power Generation, DeWitt County Board, Illinois USGS, Illinois Dept. of Natural Resources, Pheasants Forever, and Midwest Streams.
Upper Macoupin Watershed	Phosphorus & Sediment Delivery	Macoupin	American Farmland Trust, Illinois Stewardship Alliance, Macoupin County SWCD, Illinois Department of Agriculture, Association of Illinois Soil and Water Conservation Districts, Illinois Environmental Protection Agency, City of Carlinville, City of Gillespie, Foresight Energy Services, LLC (Macoupin Energy), Blackburn College, and Illinois Dept. of Natural Resources.

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Page 10 November - December 2015



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# "GOLDEN TICKET" FOR CAT D11T DEMO CASHED IN!

At the last ILICA convention, the big ticket item from the live auction was a "Golden Ticket" to own and operate the Caterpillar D11T dozer at Edwards for 1 hour. Two ILICA members split the ticket so it took a little time to get everyone's schedules coordinated, but on November 20th, Jeff and Wayne Litwiller along with Bill Doubet, met Adam Zimmermann at the Edwards learning center for a real thrill!

Of course, everyone's hope was that the weather would allow this D11T demonstration to take place outdoors where a person could really "open it up", but as luck would have it, heavy rains earlier in the week brought the big machine indoors, as well as an assortment of smaller dozers, graders and even an excavator. After reviewing some initial safety rules, instructor Brian Cain led the guys one by one out to the D11T, spending time introducing them to the controls and all due safety precautions before climbing down to let the guys go.

This machine can also be run by remote control with the unit shown above to the right. After offering everyone the opportunity to try that, our contractors opted for actual seat time, where a person can really feel the power. All three of our ILICA guys did themselves proud, as can be seen in the photos below! Of course, the staff at the Edwards learning center





were available for questions or to get keys for the other pieces of equipment the guys wanted to check out. And speaking of the Edwards learning center, it is noteworthy that they donated this demonstration time out of their own budget, which was not part of the original deal. Our sincere thanks goes out to Adam Zimmermann for providing this popular auction item at last years' convention, for Caterpillar and Altorfer's ongoing support of ILICA and to Marty Danes of the Edwards learning center, for their outstanding generosity.

Our ILICA contractors really enjoyed the heck out of operating the D11T as well as the other smaller machines that were available that day. After a solid hour plus of operating time, everyone was invited for a complimentary lunch in the Edwards cafeteria, which was outstanding as well. There is already talk of another "Golden Ticket" or perhaps even 2 at the next convention auction, so gentlemen, be sure to bring along your checkbooks because you're going to want to do this!



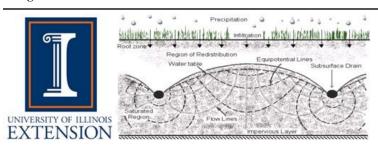






(above, upper left to lower right) Jeff and Wayne Litwiller posed next to the D11T after putting it through the paces; Wayne operating the 324 excavator in the background while Bill Doubet checks out a D5K II in the D11T's wake; Jeff Litwiller pushing a full blade of material across the arena; Wayne Litwiller, who waited until last for his turn, making absolutely sure that the D11T can handle a real heavy load!

Page 12 November - December 2015



# The Extension Connection

# **Liquid Manure Application To Tile Drained Fields**



This article presents some considerations for applying liquid manure as fertilizer on tile drained fields. Proper application of manure to tile drained fields can reduce nutrient losses through tile drainage and therefore retain more nutrients in the soil. This results in more value per gallon of manure applied. In some ways applying liquid manure is not very different from applying a commercial fertilizer. You calculate the amount of nutrient (like nitrogen) your crop should receive, determine the concentration of that nutrient in a gallon of the manure (from lab analysis) and apply manure at an agronomic rate. A major difference from commercial fertilizers is that manure is a more dilute form of nutrients. In order to apply an agronomic rate of a certain nutrient to the soil, significant amounts of water are added as well.

When planning to apply manure to tile drained fields there are some steps that farmers can take to reduce the risk of loosing nutrients into the tile.

 Have a nutrient management plan. Having recent soil tests and soil type, as well as records of previous manure analysis and application rates for the field on which you are planning to apply manure will help in applying the correct amount of nutrients. For smaller livestock producers in IL, this is strongly encouraged, but not reSource: Morgan Hayes, Department of Agricultural and Biological Engineering

quired. For larger producers, who are considered CAFOs, it is required.

- 2. Make sure all tiles, including control structures, are operating properly prior to starting manure application. During application periods you will be observing outlets to ensure no liquid is flowing. You should check ahead of time to ensure nothing was broken during harvest and that all tiles are free of debris.
- 3. Watch the weather. If there has been significant rainfall recently or large storms are predicted within a few days of the anticipated application, you should consider shifting the date for applying manure. With this, if unexpected precipitation does occur within a week (before or after) the manure application record the date and amount of rainfall that did occur.
- 4. Check field conditions in the weeks leading up to the anticipated application date. As with all fertilizer application, typical suggestion is to begin manure application when ground temperature drops below 50 ° F. However, timing for manure application is often constrained by other factors, like when the manure storage is full and when application equipment is available to be used. However, soil condition should also be considered for determining when to apply manure. More on this will be described below.
- Apply manure using good practices and at proper rates.
   This includes using injection or incorporating the manure quickly, applying at an agronomic rate, and ensuring the application rate does not result in ponding or surface drainage.
- 6. Observe tile inlets and outlets. Both inlets and outlets should not have any flow before, during or after manure application. One suggested schedule is to check for flow prior to starting, after 10 or 20 minutes of application then once an hour or every 20,000 gallons throughout the application period. For CAFOs, keeping record of these tile observations is required.

# **Liquid Manure Application To Tile Drained Fields**

CONT.

7. Use control structures or in line tile stops if discharge is observed and stop applying to that field or area of the field. Tile plugs will work in an emergency, but are not a recommended primary method for controlling discharge from the tiles.

With regard to field conditions, both dry and wet soils provide a risk for liquid manure to reach the tiles. In dry weather, the soil cracks and the macropores will provide quick routes for manure to move from the surface to tile lines. In very dry weather you may need two passes,

with the first pass just applying enough liquid to allow the soil to swell. When two passes are not possible, frequent observations of the tile lines are needed.

In wet conditions, soils can reach saturation and gravity flow will cause liquid including the manure to naturally flow into the tiles. Understanding the soil properties and moisture content will allow for proper application rates so as not to exceed soil infiltration rates nor exceed field water holding capacity. **Table 1** was developed by Ohio NRCS and provides information about available water holding capacity

Continued on page 14

#### **Maximum Available Water Holding Capacity of Soils**

**Table 1:** Available Water Capacity (AWC) Practical Soil Moisture Interpretations for Various Soils Textures and Conditions to Determine Liquid Waste Volume Applications not to exceed AWC.

This table shall be used to determine the AWC (upper 8 inches) at the time of application and the liquid volume in gallons that can be applied not to exceed the AWC. To determine the AWC in the upper 8 inches use a soil probe or similar device to evaluate the soil to a depth of 8 inches. The manure application rates should be less than AWC to reduce the potential for contaminated runoff.

Sands and Loamy Sands	Sandy Loam and Fine Sandy Loam	Very Fine Sandy Loam, Loam, Silt Loam, Silty Clay Loam, Clay Loam, Sandy Clay Loam	Sandy Clay, Silty Clay, Clay
Dry, loose and single grained; flows through fingers.	Dry and loose; flows through fingers.	Powdery dry; in some places slightly crusted but breaks down easily into powder.	Hard, baked and cracked; has loose crumbs on surface in some places.
20,000 gallons/acre	27,000 gallons/acre	40,000 gallons/acre	27,000 gallons/acre
Appears to be dry; does not form a ball under pressure.	Appears to be dry; does not form a ball under pressure.	Somewhat crumbly but holds together under pressure.	Somewhat pliable; balls under pressure.
15,000 gallons/acre	20,000 gallons/acre	30,000 gallons/acre	20,000 gallons/acre
Appears to be dry; does not form a ball under pressure.	Balls under pressure but seldom holds together.	Forms a ball under pressure somewhat plastic; sticks slightly under pressure	Forms a ball; ribbons out between thumb and forefinger.
10,000 gallons/acre	13,000 gallons/acre	20,000 gallons/acre	13,000 gallons/acre
Sticks together slightly; may form a weak ball under pressure.	Forms a weak ball that breaks easily; does not stick.	Forms ball; very pliable; sticks readily if relatively high in clay.	Ribbons out between fingers easily; has a slick feeling.
5,000 gallons/acre	7,000 gallons/acre	11,000 gallons/acre	7,000 gallons/acre
On squeezing, no free water appears on soil but wet outline of ball on hand.	On squeezing, no free water appears on soil but wet outline of ball on hand.	On squeezing, no free water appears on soil but wet outline of ball on hand.	On squeezing, no free water appears on soil but wet outline of ball on hand.
Free water appears when soil is bounced in hand.	Free water is released with kneading.	Free water can be squeezed out.	Puddles; free water forms on surface.
	Dry, loose and single grained; flows through fingers.  20,000 gallons/acre  Appears to be dry; does not form a ball under pressure.  15,000 gallons/acre  Appears to be dry; does not form a ball under pressure.  10,000 gallons/acre  Sticks together slightly; may form a weak ball under pressure.  5,000 gallons/acre  On squeezing, no free water appears on soil but wet outline of ball on hand.  Free water appears when	Dry, loose and single grained; flows through fingers.  20,000 gallons/acre  Appears to be dry; does not form a ball under pressure.  15,000 gallons/acre  Appears to be dry; does not form a ball under pressure.  20,000 gallons/acre  Appears to be dry; does not form a ball under pressure.  20,000 gallons/acre  Balls under pressure but seldom holds together.  10,000 gallons/acre  13,000 gallons/acre  Sticks together slightly; may form a weak ball under pressure.  5,000 gallons/acre  On squeezing, no free water appears on soil but wet outline of ball on hand.  Free water appears when  Free water is released with	Dry, loose and single grained; flows through fingers.  Dry and loose; flows through fingers.  Powdery dry; in some places slightly crusted but breaks down easily into powder.  40,000 gallons/acre  Appears to be dry; does not form a ball under pressure.  15,000 gallons/acre  Appears to be dry; does not form a ball under pressure.  20,000 gallons/acre  Balls under pressure but seldom holds together.  10,000 gallons/acre  13,000 gallons/acre  Forms a weak ball that breaks easily; does not stick.  5,000 gallons/acre  On squeezing, no free water appears on soil but wet outline of ball on hand.  Free water appears when  Free water is released with  Free water can be squeezed

Ohio - NRCS Conservation Practice Standard 633.

Page 14 November - December 2015

# **Liquid Manure Application To Tile Drained Fields**

CONT.

for the upper 8 inches of soil. This table uses characteristics and moisture content of the soil to approximate the maximum volume of liquid that can be applied. While this chart does not provide exact guidance is it a useful tool for planning manure application rates.

Overall, liquid manure application can and should be completed without immediate discharge occurring. Correct application rates reduce nutrient losses through tile drainage and therefore provide more value.

#### Other Materials on Manure Flow in Tile Drained Fields

http://ohioline.osu.edu/anr-fact/pdf/0021.pdf

http://www.extension.org/pages/27488/preferential-flowof-manure-in-tile-drainage#.Vip7oqIk7U4

http://www.cals.ncsu.edu/waste mgt/natlcenter/ sanantonio/Hoorman.pdf

http://infohouse.p2ric.org/ref/21/20528.htm



## **Drury Plaza Hotel Riverwalk** 105 S. Saint Mary's Street - San Antonio, Texas

Tours: Tuesday - Wednesday, March 1 - 2

Associates Night: Thursday, March 3 Committee & Region Meetings: Friday, March 4

Delegates & Board Meeting, Awards Banquet: Saturday, March 5



March 1 - 5, 2016

Call for Reservations: 800-325-0720

\$159/night (plus taxes)

**Group Name: Land Improvement Contractors** Group #: 2248503

Reserve by: January 29, 2016

#### Matching Mans' and Ladies Watch Raffle to be drawn!

Contact Ladies Chair, Veronica Seevers, for Tickets

A complimentary hot breakfast is served every morning. There is also an evening reception at 5:30 pm which includes three free beverages per adult.

#### LADIES CONVENTION ACTIVITY UPDATE



handbag valued at \$500.

Veronica Seevers, National LICA ladies chair and Judy Beyers, ILICA ladies chair, have been working together on ideas for our ladies during the January convention. Between those two creative girls and the convention commit-Leather Pia Sassi designer tee, things are shaping up nicely.

As a fund raiser, Veronica and Judy are donating the purses shown above and to the right for a silent auction type event. They plan to work with our exhibitors to have "surprise" items inside (no peeking though!) and have the purses staged at various exhibit tables around the room. This should get more activity at the exhibitor tables and determine just how curious our ILICA ladies are!

The ladies day this year is a cooking class in Morton at "From The Field", which will feature several hors d'oeuvres with gluten free and vegetarian options included. The ILICA ladies will prepare their own lunch under the guidance of Chef Bill Turney. And as always, ladies day is at no additional charge besides Friday's registration fees.

Another idea, which came about during the convention committee meeting in November was to have a cake walk during the hospitality hour on Thursday evening to go along with the "County Fair" theme. Proceeds from the "entry fee" for the cake walk will go to the ladies committee, since the ladies will be the ones baking the cakes!





Black Lucky, Alligator print Dooney & Bourke, Tan Burberry London, Black Prada Milano, the all brown bag doesn't have a name, Rose Beijo London Park "New York". (above right) Brand new Kate Spade designer handbag valued at \$250.

Those who would like to participate, please doll up your favorite cake, brownie, pie or any other special baked type goods recipe and help raise money for the ladies committee. The committee has always tried to help offset their very enjoyable Friday outing and this will be a fun and entertaining way to do just that! Like Judy says, "everyone likes a cake walk!"

Look for more information in the convention packet that will be mailed out to contractors in early December and plan on joining in on all the fun!

# BUCKEYE 9200 MAGNUM, BUCKEYE 7200 MAGNUM BUCKEYE-LINK 175 PLOW

High Production Digging from H & S Company, Inc.



#### Buckeye 9200 Magnum/Track Option

#### A Few Key Features:

350 HP Cummins QSM11 Engine
Cab with Heat and Air
Power Shift Transmission
7 Dual Hydrostatic Drive w/ Tapered Digging Wheel
Self-Leveling Wheel Up to 8 Degrees Left or Right
Digging Wheel Pivot



#### Buckeye-Link 175 Plow

#### A Few Key Features:

400 HP Cummins QSM11 Engine
175 Double Link Plow with Auto Self Leveling
Enlarged Cab Design for Operator Comfort
Air Ride Cab with Heat and Air, Air Ride Seat
Full Wrap Around Service Deck
Lower Profile Hoods for Greater Visibility
Plow Depth Up to 6' Deep
Easy Access Catwalk to Tile Feeder

#### Also:

**Buckeye Augers/Backfillers** 





#### Buckeye 7200 Magnum

#### A Few Key Features:

350 HP Cummins QSM11 Engine
Power Shift Transmission
7 Dual Hydrostatic Drive w/ Tapered
Digging Wheel
Self-Leveling Wheel Up to 8 Degrees
Left or Right
Digging Wheel Pivot
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Bill Dean, Chair Steve Anderson Ron Masching

#### Awards

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Jean Davis, Chair Steve Anderson

Norm & Coretha Rozendaal

#### Education

Brent Breedlove, Chair Brad Baker

#### Education (cont.)

Tom Beyers Richard Cooke: Univ. of Illinois Grant Curtis

Kristin Kutemeier Eric Layden

Mike Yordy

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Wayne Litwiller, Chair John McCoy Larry Rhodenbaugh

#### **Picnic**

Steve Anderson Norm Kocher

#### **Publicity**

Bill Doubet, Chair Mark Baker Wayne Litwiller

#### Safety

Dave Haag, Chair Brent Breedlove David Kennedy John McCoy

#### **Show & Other Income**

David Kennedy, Chair Brent Breedlove Brian Brooks Dan Day Joe Krupps Wayne Litwiller John McCoy Joe Streitmatter



Signature:

## MEMBERSHIP APPLICATION

## Illinois Land Improvement Contractors Association, Inc.

118 E. Knoxville · PO Box 474 · Brimfield, IL 61517 (309) 446-3700 · Fax: (309) 446-3744 · Email: janet@illica.net

Company Name:				
Member Name:	Spouse's Name			
Street Address:				
City: State:	Zip: County:			
Phone: ()	Cell Phone: ()			
Fax:: ()	Email:			
Website (if applicable):	LICA Sponsor:			
Check All	Services Provided			
□ CUI - Cable/Utility Inst.	□ OSW—On Site Waste Treatment			
□ DB - Directional Boring	□ PD - Ponds / Dams			
□ DI - Drainage/Irrigation	□ RBD - Road Boring/Drainage			
□ DWM - Drainage Water Mgmt	□ R - Reclaimation			
□ EC - Erosion Control	☐ SA - Dealer/Service Co./Government Agency/			
☐ EMC - Earthmoving/Land Clearing	Consultant/Insurance Agency			
□ EXG - Excavating/Grading	□ SP - Site Prep			
☐ GR - Gravel/ Rock Production	☐ SWU - Sewer/Water/Underground Utilities			
□ LL - Land Leveling	<ul><li>□ TH - Trucking / Hauling</li><li>□ TW - Terraces / Waterways</li></ul>			
☐ LS - Landscaping	□ WM - Water Management			
☐ ODW - Open Ditch Leveling	Other:			
(Active members are individuals engaged in the business natural resource conservation or rehabilitation, water connatural resources and soil and water pollution and contami  Associate Membership - \$295 (Associate members)	of entering into contracts for performing work that will result in soil, land, asservation, control and prevention of soil erosion, depletion and misuse of mation.)  ers are those businesses that manufacture or sell equipment, materials or servare individuals employed by an active member in the business that makes the			

Page 18 November - December 2015



#### ILICA FEATURED BENEFIT

#### First Year Contractor Members receive FREE Convention Registration

First year contractor members receive FREE full participation convention registration (that's all 3 days' with all meals and activities included) to the ILICA annual convention, being held at the Embassy Suites in East Peoria, January 14 - 16, 2016. Come for the trade show on Thursday and stay through Saturday morning's educational sessions ... or just come on whichever day works best for your schedule, bring your spouse or partner along and have lunch and dinner on us! The food here is OUTSTANDING!

But please, take advantage of this offer and come see what ILICA is all about. What do you have to lose?

# Illinois Land Improvement Contractors Association Inc.



This card entitles the active contractor member (or his/her company designee) to one (1) Free full participation 2016 Convention Registration, a \$195 value.

Additional convention registrations in your party:

Spouse or child over 12 \$105.00 (one day pricing also available)

Employees or partners \$155.00 (one day pricing also available)

Return this card with your completed convention registration form which is included in this mailing by January 4, 2016.

- Our trade show has more than 35 exhibitors set up from Thursday morning through noon on Friday.
- ► All meals are included in the price of registration, which is <a href="#FREE">FREE</a> to new contractor members.
- ► Thursday evening concludes with our LIVE auction and there will be 3 associate hospitality rooms open from 9 pm to 1 am following the auction

- ► Trade Show all day Thursday and through noon on Friday
- ➤ 3 CEU's required for pumper, installer, and/or Portal Sanitation Technician septic license renewal on Thursday morning, provided by Chase Environmental Services

(additional fee required but ILICA members receive discounted registration)

- **▶** Live Auction
- **►** Educational Sessions:
- Drainage Law
- **▶** Ladies Program
- **▶ JULIE RTE Certification**
- ► IDOT Regulations for Contractors
- **Awards Banquet** 
  - ► Guest speakers following lunch Thursday & Friday
  - Associate hospitality rooms will be open from 9 pm to 1 am following Friday evenings Awards Banquet
  - ► Ladies Day outing with all activities, lunch and transportation included
  - Business educational sessions on Saturday morning

See the latest technology and materials being used in the industry today.

Have fun, learn more about ILICA programs and take advantage of free educational sessions.

#### HOTEL REGISTRATION DETAILS

#### ROOM RATE \$112+TAX

This year's ILICA convention theme is "County Fair" and instead of doing the "Best Dressed" contest on Thursday evening, participants are being asked to "dress up" their favorite farm animal instead ... stuffed of course ... no live animals allowed! January will be here before you know it so start thinking about <u>YOUR</u> entry.

The following information will guide exhibitors and guests through the East Peoria Embassy Suites' online process to reserve a room for January's event. Rooms go fast at this very popular hotel so please don't wait!

Get your room reserved today!



Go to the Hilton/Embassy Suites East Peoria website and select your arrival and departure dates and click "Add special rate codes" which is in blue letters. It will then show a "Group code" option where the guests will type in the ILICA group code, "ILI". Once that is entered,

click on "Check Rooms & Rates" and it will take you to all the available room types to make the reservation.

Exhibitor set up is Wednesday after 6pm or before 8 am on Thursday. The trade show is open until Noon Friday.

(Open bar in the exhibit hall Wednesday evening)

#### CALENDAR OF EVENTS

#### Illinois

#### **Annual ILICA Convention**

Embassy Suites Hotel & Conference Center, 100 Conference Center Dr. - East Peoria IL January 14 - 16, 2016

#### **Trade Show**

Thursday, January 14, 2016 - 8:30 am - 7 pm Friday, January 15, 2016 - 8 am - 12:30 pm

Winter Member Meeting

Friday, January 15 - 1:30 pm

#### **National**

LICA Winter Convention

Drury Plaza Hotel Riverwalk - San Antonio, Texas
February 29 – March 6

Matching Mans' & Ladies Watch Raffle Contact Ladies Chair, Veronica Seevers, for Tickets

> LICA Summer Convention Hosted by Missouri LICA July 2016

# Meeting Notice

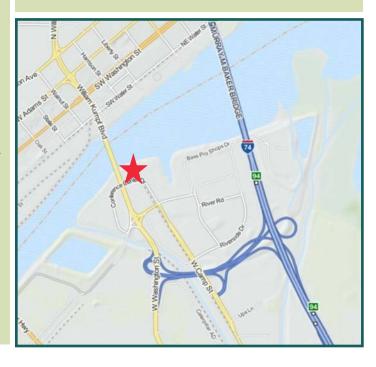
Final Board of Directors Meeting
Friday, January 15, 2016 - 1:15 pm.
Annual Member Meeting
Friday, January 15, 2016 - 1:30 pm.
Embassy Suites Hotel & Conference Center

From I-74 E: Take Exit 92B toward IL-40 S/Glen Oak Ave/Downtown Peoria. Merge onto N. Knoxville Ave. Stay straight to go onto Fayette St. Turn slight right onto NE Glendale Ave. NE Glendale Ave becomes N. William Kumpf Blvd./Franklin St. Follow this to the Bob Michel Bridge and stay in the right lane. Turn right onto Tractor Drive and an immediate right onto Conference Center Dr.

**OR** - Take Exit 94 toward Downtown Peoria/Riverfront Drive/Michel Bridge and follow I-74W directions below.

From I-74 W: Take Exit 94 toward IL-40 N/Riverfront Dr. Merge onto W. Washington St, toward IL-40 N/Downtown Peoria. Turn left onto Tractor Dr. and then turn right onto Conference Center Drive

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Page 20 November - December 2015

# SAFETY FEATURE: WORKING SAFELY IN COLD WEATHER

Workers exposed to extremely cold conditions are at risk of serious health problems, including hypothermia, frostbite, dehydration and muscle injuries. Frigid temperatures can also cause additional pain for those who suffer from arthritis and rheumatism. To prevent injuries and illness as a result of winter weather, it's important to learn about the causes, symptoms & safety considerations to take so you are prepared to handle winter's worst.

#### Causes of Cold Weather Injuries

According to the Occupational Safety and Health Administration (OSHA), there is no exact temperature at which the environment becomes hazardous. Instead, factors such as low temperatures, wind speed and wetness contribute to cold-induced injuries and illness.

- Exposed skin freezes within one minute at -20° F when the wind speed is five miles per hour (mph), and will freeze at 10° F if the wind speed is 20 mph.
- When skin or clothing is wet, injury or illness can occur in temperatures above 10° F, and even above freezing (32° F).
- When the body is unable to warm itself, hypothermia and frostbite can set in, resulting in permanent tissue damage and even death.

#### Signs of Injury and Illness

If you or a co-worker have any of the following symptoms, get indoors and alert your supervisor or call for medical attention if they do not subside:

> White or grayish-yellow area(s) of the skin

Skin that feels "waxy"

Numbness

- Uncontrollable shivering
- Slurred speech
- Clumsy movements
- Fatigue
- Confused behavior

It's important to note that many people suffering from the warning signs of frostbite do not notice because the tissue is numb. Therefore, it is wise for employees to check on each other periodically.

#### **Safety Considerations**

- To reduce the risk of cold-induced injuries:
- Layer clothing to keep warm enough to be safe, but cool enough to avoid perspiring excessively. It should also contain the following:
- Inner layer a synthetic weave to keep perspiration away from the body
- Middle layer wool or synthetic fabric to absorb sweat and retain body heat.
- Outer layer material designed to break the wind and allow for ventilation, such as GORE-TEX®.
- Wear a hat. Almost 40 percent of your body heat escapes from your head. If you wear a hard hat, add a winter liner that covers your neck.
- Place heat packets in gloves, vests, boots and hats to add heat to the body. Watch out for the effects of cold temperatures on common body functions, such as:
- Reduced dexterity and hand usage
- Cold tool handles reducing your grip force
- The skin's reduced ability to feel pain in cold temperatures
- Reduced muscle power and time to exhaustion



To reduce the risk of cold-induced injuries, layer your clothing, wear a hat and seek shelter at the first sign of hazardous working conditions.

Discussion Date:				
	Employee Participants			

### TENTATIVE 2016 ILICA CONVENTION SCHEDULE

# EMBASSY SUITES HOTEL & CONFERENCE CENTER 100 CONFERENCE CENTER DRIVE, EAST PEORIA ILLINOIS

# JANUARY $13^{\text{TH}}$ - $16^{\text{TH}}$

#### Wednesday, January 13th

3 - 4 pm Convention Committee/Hotel Staff meeting

5 - 6 pm Registration Open

6 - 8 pm Exhibitor Set up & Open Bar in Exhibit hall

#### Thursday, January 14th

8 am - 4 pm Registration

8 am - Noon Septic Training (3 CEU's required for pumpers, installers and portable sanitation technician annual licensing) - Doug Ebelherr

8:30 am Breakfast in Exhibit Hall & Exhibits
Open (Through 7:30 pm)

10 - 11 am Education: Bureau County Wetland Building project - Jill Kostel, The Wetlands Initiative

12 Noon Lunch (New members announced)

12:30 pm Have AV set up - announce AV sponsor and run photo loops from building projects and other historical videos. May have guest speaker.

2 pm Exhibitor Group Photo

2 - 2:45 pm Education: JULIE Remote Ticket Entry
- Roger Watwood

2:45 pm Break

3 - 3:45 pm Education: JULIE Remote Ticket Entry (continued) - Roger Watwood

4 pm ADMC Update - Steve Baker

4:15 pm Nomination Committee

4:30 pm Awards Committee

5 pm Hospitality Hour in Exhibit Hall Featuring

an old fashioned Cake Walk

5:45 pm Convention Chair Welcome

6 pm County Fair Convention Kick Off Dinner

7 pm Silent auction closes

7:15 pm LIVE Auction

9 pm - 1 am Associate Hospitality Rooms Open

#### Friday, January 15th

7:30 am Devotions

8:15 - 9 am Breakfast

8 to 11 Registration

8 am - 12:30 pm Exhibits Open

9:30 am Ladies load bus at main hotel entrance

hursday Night!

Best Dressed Farm Animal

Contest!

10 am - 2 pm Ladies Day - "From the Field" Cooking class w/lunch included. (Hors d'oeuvres Galore)

9:30 - 10:30 am Education: IDOT Regs for Contractors
 Officer Fred Thatcher, ISP Commercial Vehicle
 Enforcement Officer

Noon Lunch

12:30 pm Partner Reports

1:15 pm Final Board of Directors Meeting

1:15 pm Associates Committee Meeting

1:30 - 3 pm Exhibit tear down

1:30 pm Members meeting & Election of Officers

2:30 pm Break

5 pm Hospitality hour in HIJ

6 pm Awards Banquet intro

6:15 pm Dinner served

7 pm Awards Ceremony

9 pm - 1 am Associates Hospitality Rooms Open

#### Saturday, January 16th

7:30 am Devotions

8:15 - 9 am Door Prize Breakfast in HIJ

9:15 - 10:15 am Education: Dustin Courson, CPA

10:15 Break

10:30 - Noon Education: Drainage Law - Joe Taylor

10 am Ladies: Make & Take, guest speaker or

on your own, depending on interest

12 Noon Lunch & Convention Committee meeting

1:30 pm Optional activity - Stay tuned - several ideas

still being considered.

Page 22 November - December 2015



## **Registration Form**

# Illinois LICA Convention & Members Meeting January 14 - 16, 2016



# Embassy Suites Hotel & Conference Center - East Peoria, IL



Come and enjoy the County Fair at this year's Illinois LICA Convention! Dress up a favorite farm animal (stuffed of course) and win a prize at Thursday evening's kick-off dinner!

Make Your Reservations Today! Call 309-694-0200 and ask for Global Reservations or visit Hilton Embassy Suites East Peoria website and mention the IL Land Improvement Block and enter code ILI. Please make your reservations before December 23, 2015 to make sure you get our guaranteed room rate of \$112.

		Pre-Re	gistration for the l	LICA Con	vention – January	14 - 16, 201	6	
Attendee N	ame:	,			Spouse	e's Name:		
Address: _					City:		State: _	
Company N	Jame	:						
Additional	Nam	e(s):			_,			
					es listed in program,			
		T	otal Enclosed: \$_		(Make check payable	to ILICA)		
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					ssions · Exhib			
	L	ve Auction	Ladies Progra	am · Av	vards Banquet	· Hospita	lity Rooms	
N		Pre-Registr		1 2017	Cost of Reg	istration af	ter January 4,	2016
			ffice by January 4		Full Participation (3 days) One Day Participation			
Full Pa Individ		pation (3 days) \$195			Individual		Individual	177.0
Couple		\$300	Individual Couple	\$ 95 \$145	Couple		Couple	
		\$ 85	Child (5 - 12)		Child (5 - 12)		Child (5 - 12)	\$ 65
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		Dinner			w/lunch included.			
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					fee for that day. Tr	ansportation w	ii	<b>)                                     </b>
					be provided.			A III III



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