Greetings Eastern Chapter Members!

I hope all of you have been able to enjoy the great fall weather we’ve been experiencing. Other than raking leaves, I have! Our next monthly meeting will be held November 12th from 12:00 to 1:00 at the 41st Street Pizza Ranch. Come early for pizza and the opportunity to socialize with your peers.

The speaker at our next monthly meeting will be Paul Wiegand, the Iowa Statewide Urban Design and Specifications (SUDAS) director. SUDAS was developed when 16 Iowa jurisdictions came together to develop a common standard for underground utilities, streets, sidewalks, drainage and erosion control. The standard has been a great success and is now being used in almost every community in Iowa. To learn more about SUDAS, check out their website at: www.iasudas.org.

I’m sure will produce many future SDES members and leaders.

The Winter Social is scheduled for December 11th from 4:30 to whenever at the Cherry Creek Bar and Grill on east 26th Street. Appetizers will be provided. This has been a well-attended event in the past and I hope many of you are able to attend this year as well.

Please help me in welcoming new member Dawn Horner from HR Green and returning member William Robinson. As always, keep recruiting! New members are our future!

I also want to mention that the Eastern Chapter meetings can be watch via WebEx. This service provides an opportunity for the chapter members located outside of Sioux Falls to participate in chapter activities. Instructions on how to participate via WebEx are found, every month, in the newsletter.

Lastly, THANK YOU to all of the board members, committee chairs, and volunteers that give your time and talent. This chapter wouldn’t be the same without you!

Sincerely,
Ryan Johnson
TREASURER’S REPORT
BY LANCE WEATHERLY, PE

Balance as of 11/7/2014

<table>
<thead>
<tr>
<th>Previous General Fund Balance</th>
<th>$ 23,810.65</th>
</tr>
</thead>
<tbody>
<tr>
<td>10/9/2014</td>
<td></td>
</tr>
</tbody>
</table>

Expenses:

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>WebEx (October)</td>
<td>$ (51.94)</td>
</tr>
<tr>
<td>Board Planning</td>
<td>$ (73.77)</td>
</tr>
<tr>
<td>Total</td>
<td>$ (125.71)</td>
</tr>
</tbody>
</table>

Deposits:

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Interest (October)</td>
<td>$ 2.65</td>
</tr>
<tr>
<td>Informer Ads</td>
<td>$ 450.00</td>
</tr>
<tr>
<td>Total</td>
<td>$ 452.65</td>
</tr>
</tbody>
</table>

Total General Fund $ 24,137.59

Previous Scholarship Fund Balance 10/9/2014 $ 7,476.37

Expenses:

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>$ -</td>
</tr>
</tbody>
</table>

Deposits:

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Golf Outing Deposit #4</td>
<td>$ 225.00</td>
</tr>
<tr>
<td>Total</td>
<td>$ 225.00</td>
</tr>
</tbody>
</table>

Total Scholarship Fund $ 7,701.37

Total Account Balance $ 31,838.96

IMPORTANT CALENDAR ITEMS

EASTERN CHAPTER MEETINGS:

- **November 12**, 11:30 @ Pizza Ranch on 41st Street
- **December 9**, 11:30 @ Pizza Ranch on 41st Street
- **January 13**, 11:30 @ Pizza Ranch on 41st Street
- **February 10**, 11:30 @ Pizza Ranch on 41st Street
- **March 10**, 11:30 @ Pizza Ranch on 41st Street
- **April 14**, 11:30 @ Pizza Ranch on 41st Street

**Eastern Chapter Winter Social**
December 11, 2015, 4:30 PM
Cherry Creek Bar & Grill

**E-Week**
February 22—28, 2015

**Eastern Chapter Awards Banquet**
February 28, 2015
Holiday Inn City Centre

**2015 Annual Conference**
April 8, 2015
Ramkota Hotel, Pierre

To add a calendar item, please contact Josh Peterson at JPeterson@siouxfalls.org
Dear Chapter Members,

I have wanted to provide a brief article regarding the chapter budget to provide members information on how the Chapter’s monies are spent. I wanted to thank Ray Pierson, the previous treasurer for creating the structure of the budget document which has been a breeze to use. Each month the treasurer reports a general fund and scholarship fund balance although both are deposited in the one checking account maintained by the chapter. The Chapter’s fiscal year runs from July 1st to June 31st for reporting purposes. The majority of the chapter’s general fund revenue comes from conference revenue, dues, and Informer ads. The general fund supports the chapter donations, SDSU foundation scholarship, annual banquet, winter social, WebEx and a number of other worthy items. Why is the SDSU foundation scholarship paid for out of the general fund when there is a scholarship fund you may ask…did the SDSU foundation scholarship was originally supported by the NE Chapter and upon merging with the SE chapter into the newly formed Eastern Chapter absorbed the NE chapter’s account balance (if you want more details ask TJ Yerdon & Jason Kjenstad ☺). The scholarship fund is supported solely on the golf outing which has been supporting 2 - $2000 scholarships free and clear for a number of years, Gabe Laber has been doing a great job organizing this event. This year the Chapter awarded 3 - $2000 scholarships from the scholarship fund to deserving students who are attending SDSU or SDSM&T. I would like to thank the Chapter members for their support of $8100 in scholarships that will be awarded this year.

Below is the budget prepared for FY14-15 (July 1, 2014 – June 31 2015). The major revenue and expenses are itemized with a brief description. For simplicity most items are budgeted at the same amount from the previous year unless there is specific change. Consideration for putting the budget together include annual conference rotation, fund balances, and input from Board and Chapter members. The chapter is doing well financially thanks to the membership support and volunteerism. Please feel free to ask me about any items on the budget for additional information. It has been a privilege serving as your Chapter Treasurer.

### SDES Eastern Chapter General Fund Budget

<table>
<thead>
<tr>
<th>Description</th>
<th>FY13-14 Budgeted</th>
<th>Current</th>
<th>Remain</th>
<th>Variance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conference Revenue</td>
<td>$7,110</td>
<td>$6,775</td>
<td>$7,454</td>
<td>$719</td>
</tr>
<tr>
<td>Dues Revenue</td>
<td>$2,034</td>
<td>$2,034</td>
<td>$1,962</td>
<td>$(72)</td>
</tr>
<tr>
<td>Banquet Revenue</td>
<td>$1,100</td>
<td>$1,900</td>
<td>$1,500</td>
<td>$400</td>
</tr>
<tr>
<td>Advertising Revenue</td>
<td>$906</td>
<td>$906</td>
<td>$450</td>
<td>$(456)</td>
</tr>
<tr>
<td>Interest Revenue</td>
<td>$30</td>
<td>$30</td>
<td>$11</td>
<td>$(19)</td>
</tr>
</tbody>
</table>

**Total =** $12,186

**Projected Income =** $11,892

### General Fund Expenses:

<table>
<thead>
<tr>
<th>Description</th>
<th>FY13-14 Budgeted</th>
<th>Current</th>
<th>Remain</th>
<th>Variance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Scholarship Expense</td>
<td>$3,226</td>
<td>$3,226</td>
<td>$3,405</td>
<td>$(179)</td>
</tr>
<tr>
<td>Scholarships Expense</td>
<td>$69</td>
<td>$69</td>
<td>$68</td>
<td>$(1)</td>
</tr>
<tr>
<td>Scholarship Awards</td>
<td>$4,000</td>
<td>$6,000</td>
<td>$6,000</td>
<td>$0</td>
</tr>
</tbody>
</table>

**Total =** $7,924

**Projected Income =** $(9,473)

### SDES Eastern Chapter Scholarship Fund Budget

<table>
<thead>
<tr>
<th>Description</th>
<th>FY13-14 Budgeted</th>
<th>Current</th>
<th>Remain</th>
<th>Variance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Scholarship Revenue</td>
<td>$7,739</td>
<td>$7,739</td>
<td>$7,575</td>
<td>$375</td>
</tr>
</tbody>
</table>

**Total =** $7,739

**Projected Income =** $7,950

### SDES Eastern Chapter Scholarship Fund Expenses:

<table>
<thead>
<tr>
<th>Description</th>
<th>FY13-14 Budgeted</th>
<th>Current</th>
<th>Remain</th>
<th>Variance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Golf Expense</td>
<td>$3,226</td>
<td>$3,226</td>
<td>$3,405</td>
<td>$(179)</td>
</tr>
<tr>
<td>Scholarship Expense</td>
<td>$69</td>
<td>$69</td>
<td>$68</td>
<td>$(1)</td>
</tr>
<tr>
<td>Scholarship Award</td>
<td>$4,000</td>
<td>$6,000</td>
<td>$6,000</td>
<td>$0</td>
</tr>
</tbody>
</table>

**Total =** $7,924

**Projected Scholarship Fund Balance =** $8,208

---

**Eastern Chapter Newsletter, SDES**

---

**Treasurer’s Budget—Lance Weatherly, PE**

**Table**: 

<table>
<thead>
<tr>
<th>Description</th>
<th>FY13-14 Budgeted</th>
<th>Current</th>
<th>Remain</th>
<th>Variance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conference</td>
<td>$7,110</td>
<td>$6,775</td>
<td>$7,454</td>
<td>$719</td>
</tr>
<tr>
<td>Dues</td>
<td>$2,034</td>
<td>$2,034</td>
<td>$1,962</td>
<td>$(72)</td>
</tr>
<tr>
<td>Banquet</td>
<td>$1,100</td>
<td>$1,900</td>
<td>$1,500</td>
<td>$400</td>
</tr>
<tr>
<td>Advertising</td>
<td>$906</td>
<td>$906</td>
<td>$450</td>
<td>$(456)</td>
</tr>
<tr>
<td>Interest</td>
<td>$30</td>
<td>$30</td>
<td>$11</td>
<td>$(19)</td>
</tr>
</tbody>
</table>

**Total =** $12,186

**Projected Income =** $11,892

---

**Table**: 

<table>
<thead>
<tr>
<th>Description</th>
<th>FY13-14 Budgeted</th>
<th>Current</th>
<th>Remain</th>
<th>Variance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Scholarship Expense</td>
<td>$3,226</td>
<td>$3,226</td>
<td>$3,405</td>
<td>$(179)</td>
</tr>
<tr>
<td>Scholarships Expense</td>
<td>$69</td>
<td>$69</td>
<td>$68</td>
<td>$(1)</td>
</tr>
<tr>
<td>Scholarship Award</td>
<td>$4,000</td>
<td>$6,000</td>
<td>$6,000</td>
<td>$0</td>
</tr>
</tbody>
</table>

**Total =** $7,924

**Projected Scholarship Fund Balance =** $8,208
LEGO LEAGUE VOLUNTEERS NEEDED

FIRST Tech Challenge Team 7123
Fellowship of the Loose Screws

We need you!

Our high school FIRST Tech Challenge robotics team is hosting a qualifier for First Lego League in Sioux Falls, Saturday, December 13 from 8am to 4pm. This event will include 24 teams competing to see who will move on to the South Dakota State Championship at the end of January. We need judges working as part of a team to observe and evaluate 12 LEGO League teams in one of the following areas:

Core Values - During this session, teamwork skills are observed during an activity the kids will complete. There is also a chance to ask students questions about their team and how they function as a group.

Project - The teams’ research project and their innovative solution is presented in this portion of the judging, followed by questions from the judges.

Robot Design - Students get an opportunity to demonstrate missions that their robot can accomplish and talk about key features of their robot design and programming.

Judges training is provided to help you give feedback to the teams so that they can improve, while celebrating what they have already learned this season.

This is a chance for you to promote and encourage STEM learning for elementary and middle school students and be inspired by the enthusiasm of kids engaged in FIRST Lego League in South Dakota.

Thanks for your consideration!
We look forward to working with you,

Co-coaches, Laura Mullen and Michelle Lauer
and the whole FTC Team 7123, Fellowship of the Loose Screws
lmullen814@gmail.com
605-940-1862

Yes, I would love to be a judge!

Name__________________________________ Phone____________________

Email:__________________________________

Area I am interested in judging: Core Values ______ Project _____ Robot Design ______
LEGO LEAGUE DONATION REQUEST

September 14, 2014
Erin Steever
Banner Associates, Inc.
2307 W. 57th Street
Sioux Falls, SD 57108

Dear Erin,

Thank you so much for assisting us with our rookie year in the FIRST Tech Challenge program. Last year we made it through three of the four levels of competition, and a major part of this was due to your generous sponsorship. We are competing again this year, and are in need of financial assistance. Your continued patronage would be a tremendous help to our team. This money would go to robot parts, traveling costs, and registration. We will be contacting you shortly to discuss this year's sponsorship.

Thank you for your consideration, and we hope to continue to be partners with you,

Sincerely,

Leo Mullen
FTC team 7123
The Fellowship of the Loose Screws
During 2011, the SD Board of Technical Professions received a complaint regarding an “Encroachment Easement Exhibit” as well as a “Property Exhibit”, both of which were prepared, signed and sealed by a licensed Professional Engineer. This complaint was investigated by the Board and resulted in a consent agreement between the Board and the licensee. This consent agreement stipulates that such activity by the licensee is included within the practice of land surveying as stipulated in SDCL 36-18A-4(1), because it “locates, relocates, establishes, reestablishes, lays out, or retraces any property line or boundary of any tract of land or any road, right-of-way, easement, alignment, or elevation of any of the fixed works embraced within the practice of land surveying.” The consent agreement which included a civil penalty constituted settlement of this disciplinary action involving this violation of land surveying cross-practice by a licensed professional engineer.

In March 2014, the Board received a question from another licensed Professional Engineer with respect to the preparation, signing and sealing of easement exhibits. The Board answered this licensee’s question in reference to the results of this previous investigation of the 2011 complaint described above. The Board also decided to update the “Frequently Asked Questions” on its website with respect to this question. The question and answer which are currently posted on the Board’s website are duplicated below.

**Question:** Does an easement exhibit that will be filed at the county (attached to an easement document) have to be prepared by and sealed by a licensed land surveyor? Would it make any difference if the easement was for a private party or if it were for a public entity/municipality?

**Answer:** Since easement exhibits normally make reference to property boundaries as well as the boundaries of the easement itself, the preparation of easement exhibits is considered to be included within the practice of land surveying as defined by law. Therefore, it is recommended that a licensed land surveyor be in responsible charge of the preparation of such easement exhibits and that they be signed and sealed by that licensed land surveyor. This would be the case whether the easement is for a private party or a public entity, or if the land is either privately or publicly owned.

Should anyone have comments or further questions regarding preparation of such exhibits, such can be directed to the Board by email at sdbtp@state.sd.us or by writing the Board at its new address at 2525 West Main, Suite 211, Rapid City, SD 57702.
SAVE THE DATES!

SDES WINTER SOCIAL

Thursday, December 11th

Starts at 4:30 P.M.
Free Appetizers served at 5:00 P.M.
Cash Bar

Cherry Creek Bar and Grill
Banquet Room Downstairs

Come join us for appetizers, beverages, and a great time to catch up with your colleagues in this annual informal setting.

SAVE THE DATE

SDES Eastern Chapter Awards Banquet

Saturday, February 28th
Holiday Inn City Centre
A brief history... I was born and raised in the great state of South Dakota in Sisseton. I attended college at SDSU where I played basketball and tried to keep up with my school work. I started my engineering career in HR Green's Des Moines, Iowa office in January 1998. I transferred to HR Green's St. Paul office in late 2003, and to Sioux Falls in late 2007, which also followed my husband Derek's career with FedEx Ground. I currently serve as the President for the SD Wastewater Group. I was also honored to become the first female Principal for HR Green in 100 years of business. I also serve as Operations Director for the Water/Wastewater business unit, mentoring staff and helping HR Green to achieve outstanding quality of project delivery.

DAWN HORNTER, PE

HR Green
431 N Phillips Avenue, Suite 400
Sioux Falls, SD
Phone: 605-221-2654
Fax: 605-338-6124

Degree:
SDSU—B.S. in Civil Engineering,
M.S. in Environmental Engineering

A LITTLE BIT MORE ABOUT OUR MEMBER OF THE MONTH:

Family: Husband: Derek; Children: Trey (11), Tyler (9) & Abby (7)
Hometown: Sisseton, SD
Job title and years with firm: Principal/Operations Director for Water/Wastewater Business Unit, 16 years.
Favorite Room in Your House: I live in our kitchen since our family loves to eat and bake. The kitchen is open to the front of the house with kids running in and out, and to the living room where there is typically some sort of sports on.
Normal Breakfast: Diet Coke is my typical breakfast, gets me going, just like coffee.
Last CD Purchased: Katy Perry and Nickelback, both who I have seen in concert at the Fargodome. I am very excited that Nickelback is now coming to Sioux Falls in March.
Last DVD Purchased: Frozen, the kids run the movie selection in our house.
Hobbies: Golfing with great friends in scramble tournaments, going to the lake all summer, and SDSU Athletics (football and basketball season ticket holder)
Best Personality Trait: Coming back to South Dakota to work with friends I knew in college and clients I worked for during internships has made me much more outgoing than I ever used to be. I love meeting new people and getting to know them better.
Pets: The kids' fish
Favorite beverage: Diet coke in the morning and most afternoons and Bud Light after hours
Favorite TV Show: Who has time for TV with work and the kids football, basketball, or baseball games?
Favorite Season: I love the summer and spending time at our family lake cabin on Clear Lake in northeast SD.
People may not know... I am currently coaching my first grade daughter's basketball team.
What do you like best about being an engineer? Meeting and working with great people on multiple water and wastewater projects.
Describe an achievement from the past year you are proud of. Becoming the first female principal at HR Green in 100 years of operation.
Where is your favorite place and why? I recently visited New Orleans for the national Wastewater conference and had more fun than I ever thought I would. I also had a conference in Amelia Island, FL a few years ago and it was a beautiful place to be and I can't wait to go back.
SDES MISSION STATEMENT

SDES is the state society of engineers from all disciplines that promotes the ethical and competent practice of engineering, advocates licensure, enhances the image of its members, and advocates legislation and public policy for the betterment of human welfare and the profession.
To advertise in this publication, contact Joshua Peterson at: jpeterson@siouxfalls.org or 367-8616.

The cost is $75 for a standard business card-size advertisement.

Thank you to all of you who continue to generously support the Eastern Chapter of SDES.