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Upcoming Meetings:

- **MFESTS and SAME-MSP: Future City Competition, Sat., Jan. 21st, 8 AM—3PM**
- **SAME-MSP: Habitat for Humanity Event, Sat., Feb 18th, 8:30 AM—4 PM**

Frequently Used Links:

- National website at www.same.org
- Post website at www.same-msp.org
- Listing of [Post Leaders](#)
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Next Meeting Presentation Wednesday, January 25th, 2017

Lake Delhi Dam From Failure to Lake Filling

Bill Holman, *Principal Geotechnical Engineer and Sr. PM, Stanley Consultants*

1 PDH

Speaker Bio:

Bill serves as a Principal Geotechnical Engineer and Senior Project Manager at Stanley Consultants. He is a licensed professional engineer with 35 years of experience working on geotechnical, water resources, transportation, military, power, institutional, and environmental projects. His experience includes work with the Corps of Engineers, U.S. Fish and Wildlife Service, Department of Defense, several state Departments of Natural Resources/Dam Safety Divisions and Departments of Transportation, and private and public sector domestic and international clients. Major projects include dam, flood damage risk reduction facilities, hydropower, storage reservoirs and roads and highways.

Presentation Synopsis:

Lake Delhi is a nine-mile-long lake on the Maquoketa (Ma-Coke-eta) River in northeastern Iowa. It was built for hydropower in the 1920s and converted to recreational use in the '70s. The dam is owned by Lake Delhi Combined Recreational Facility and Water Quality District, which represents 800 property owners. Lake Delhi is a major source of recreation and income for the area.

On July 24, 2010, Lake Delhi's earthen dam was overtopped and breached after 12 inches of rain fell in two days. Stanley Consultants provided the post failure inspection and has been the prime consultant on this \$13 million project for the past six years.

The loss was devastating. Property values plummeted. Construction slowed to a stop. Income streams for local businesses dried up. The community sprang into action, determined to get their lake, and way of life, back. The Community Fund to Rebuild Lake Delhi raised \$1.7 million through many events and fundraisers. The 800 property owners taxed themselves to the highest extent possible for a 20-year, \$6 million bond for dam reconstruction.

Rebuilding the dam met with substantial opposition on multiple levels. Completing the vast array of classification, permitting, and funding requirements took four years. It was a reconstruction but given its magnitude and the prior failure it was imperative that the project meet current environmental, safety, design, and property standards. Bill's talk will review the activities during the six years from failure to lake filling.

Meeting Location:

LOCATION CHANGE: **Andy Boss Community Room, 4th floor, George Latimer Central Library, 90 W 4th St., St. Paul, MN 55102.** Metered parking is the closest with 2 hour limits at \$2/hour. Nearby parking ramps are Kellogg Municipal Ramp, Landmark Towers Ramp, or River Center Ramp.

Agenda:

A lunch at a cost of \$15 will be available; please include your lunch choice with your RSVP. Boxed sandwich lunches will include chips, chocolate chip cookie and beverage. Regular sandwich options: Sirloin & Ham Club, Turkey & Ham Club, Sirloin & Provolone, Ham & Cheese, or Tuna. Vegetarian meal options: Spicy Southwestern Veggie Sandwich or Greek Veggie Sandwich, or Athenian Greek Salad or Fresno Fruity 'n Fat Free Salad. Please note salads will only include chocolate chip cookie and beverage.

Please RSVP **no later than Friday, January 20th**, with your intent to either partake in the lunch along with lunch choice or to come for the presentation only. Please click the RSVP button in the left-hand column of page 1 or use the following Eventbrite link to RSVP: <https://goo.gl/9zbjlO>. For any questions related to your RSVP, please e-mail Lindsey Roberts McKenzie at lroberts@sehinc.com.

Highlights of the Previous Meeting

The December technical presentation was given by Steve Kramer, the President and CEO of the Minneapolis Downtown Improvement District. The Minneapolis Downtown Council was established in 1955 at the time of emerging highway systems and the development of suburban malls. This group was set up to focus on how to keep the downtown alive and has a climate for success and growth. The improvement area includes a 120 block area within the core of downtown: 3rd Ave to US Bank Stadium, Washington Ave to the Convention Center.

Every 10 or 15 years, stakeholders are gathered to discuss how to keep Minneapolis in a positive status. Several goals were established to keep Minneapolis strong and competitive. Some of the goals of the 2025 Plan are highlighted below:

- Building residential population has been strong. Estimate of 70,000 residents by 2025. Planning for residents in the City includes new condos, 30 unique residences, 5 neighborhood. ExploreDTLiving.com
- The Minneapolis "BIG BUILD" is underway. Already achieved 3 million square feet of office space. Expansion of a variety of hotel types.
- Transform Nicollet into destination. Additions of new retail concepts, addition of a grocery store, restaurants etc.
- Establish a gateway area. RiverFirst is a plan for the river front, starting at the foot of the stone arch bridge. Nicollet Hotel Block will be developed w/ a large part of the block will be dedicated to privately owned public space.
- Strengthen ties to University of Minnesota
- End street homelessness
- Greening and public realm. Utilities have been upgraded in the first phase, and the mall concept will start to appear in the next year. A new Commons Park will be a 2-block park near US Stadium.
- Enhance the Downtown Experience: US Bank Stadium, Target Center Renovation, Special Events (Pianos on Parade) 192 Window Displays with MN generated art-work, Murals, Aquatennial, Holidazzle,
- Enhance Transportation Options: Light Rail Ridership, transportation planning. (Focus has been on connections between Minneapolis and the airport, between downtowns, southwest connection and eventually a southern line and some eastern connections. There is a big economic investment in the City and the workforce it is drawing.



The City of Minneapolis partners with the business community to develop a partnership that incentivizes private investment. Big plans are underway to keep Minneapolis strong into the future.

Got an idea for a great presentation? Let us know!

The SAME-MSP post is requesting abstracts for future technical presentations for our 2017 upcoming meetings. To suggest an idea, please prepare a short synopsis on the presentation and how it addresses health, safety and welfare of the public. Please include suggested presentation length and a short bio on the presenter(s). If firms would also like to host a meeting, let us know! Please contact Shawn Pelowitz at shawnpelowitz@ctagroup.com for presentation ideas or if you'd like to host a meeting.



A Look Into the Future: Volunteers Needed for Future City Competition



This will be the 15th year that teams from Minnesota have participated in the national Future Cities Competition and will be the 9th year that the

SAME-MSP Post will be sponsoring a special award category at the Regional Finals for the team that best addresses "Readiness for Natural and Man-made Disasters." The M-SP Post needs the assistance of four volunteers on the morning of **Saturday, January 21, 2017 at Dunwoody College of Technology** to help select the team to receive our special award. If you are interested in volunteering, please contact **Peter Allen** at pe.ter.allen@stantec.com or 651-604-4801.

**SOCIETY OF
AMERICAN
MILITARY
ENGINEERS
MINNEAPOLIS-
SAINT PAUL POST**

c/o US Army Corps of Engineers
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Wayne Wambold,
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Habitat for Humanity—Volunteers Needed!



The SAME-MSP post is looking for volunteers to help with our annual Habitat for Humanity event on February 18th, 2017. We are looking for 10-13 volunteers to help from 8:30 AM to 4 PM. Please contact **Rebekah Hudson** at rebekah.hudson@jedunn.com if you'd like to sign up. Lunch and T-shirts will be provided for all volunteers!

ATTENTION: Calling All Golfers!

Mark your calendars for the MSP Post's 32nd Annual Education and Mentoring Fund Golf Tournament! The event will take place on Thursday, July 13th, 2017, at Oak Marsh Golf Course in Oakdale, Minnesota. Be on the lookout for more details in future newsletters...



www.same-msp.org

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