

EMERGENCY IMPACTS AND RESPONSES

March 16, 2018

This year's "Friday Workshop" will provide attendees with insight into three different emergencies and the impacts & responses from the Utilities involved.

PART A - The Prince Albert Water Supply Crisis - Presented by: Jeff Da Silva and Andy Busse

In July 2016, a pipeline leak released oil into the North Saskatchewan River, resulting in downstream water users, including the City of Prince Albert, being directed to stop using the River as its water supply source. This presentation will review the sequence of key events that unfolded as the City assessed the problem, implemented tough conservation measures and then took on scores of logistical challenges as changing conditions and new information throughout the three-month event required constant action and reaction from the City, and what we can learn from this event to better protect our communities in the future.



PART B - Emergency River Crossing under the Sheep River - Presented by: Juan Morales, Stantec

This presentation will review the emergency replacement of a water main under the Sheep River. The main line from the Water Treatment Plant to the distribution system in the Town of Okotoks went under the Sheep River and was suddenly seen floating on top of the water. This was the town's only water supply, and could have had a line break in it at any moment. Juan Morales from Stantec and his team were able to complete the design and installation of a new river crossing in less than 3 months, and more importantly before the pipeline broke. This session will provide a review of the efforts that went into resolving this emergency situation.



PART C - 2013 Calgary Floods - Presented by: Jarvis Singer, City of Calgary

This session will provide insights into the response to the June 21-22, 2013 storm and flooding in Calgary. Over 200 mm of rain fell in two days. Areas within the mountains received 2/3 normal annual rainfall in that same time frame. River levels rose 5 to 6 meters higher than normal summer levels. The City of Calgary's Bonnybrook wastewater treatment plant was heavily impacted by the floods. This presentation will review the damage caused, the cleaning and recovery of the plant and highlight some of the lessons learned.



**Join us for this exciting and informative Friday Session, March 16, 2018, Banff, AB.
(Included with your Full Seminar Registration)**