

INTEGRATING NATURAL WETLANDS AND IMPROVING DESIGN OF NATURALIZED STORM WATER MANAGEMENT FACILITIES IN THE CITY OF EDMONTON

DECEMBER 4 & 5, 8:30 AM - 4:30 PM
REGISTRATION OPENS 7:45 AM
RAMADA EDMONTON HOTEL AND CONFERENCE CENTRE
11834 KINGSWAY, EDMONTON

PRESENTED BY



OBJECTIVES:

1. To provide information on the integration of natural wetlands into the urban landscape, and design of naturalized storm water facilities
2. To understand provincial and municipal policies pertaining to wetlands, and industry perspectives on their implementation
3. To identify challenges in integrating natural wetlands into neighbourhood designs, and design and operation of naturalized storm water facilities
4. To identify potential solutions to address these challenges
5. To identify key next steps that will ensure success with implementation and retention of wetlands and long-term maintenance of naturalized storm water management facilities

WORKSHOP PARTNERS



AGENDA

Wednesday, December 4

1. Welcome and opening remarks - Peter Ohm (City of Edmonton), Robert Stokes (Alberta Environment and Sustainable Resource Development) & Rick Preston (Urban Development Institute)

2. Native Plant Solutions - Lisette Ross & David Martz
Integrating Natural Wetlands

- a) Introduction to prairie wetlands
- b) Wetland hydrology
- c) Wetland engineering

LUNCH

3. Discussion Panel

- a) AESRD: Alberta's Wetland Policy & Process - Thorsten Hebben
- b) City of Edmonton: City's Wetland Policy & Process - Suzanne Young
- c) UDI Edmonton: Industry perspectives - Chris Nicholas

4. Small group discussion - Topic #1:
Challenges and solutions in integrating natural wetlands into neighbourhood designs

5. Small group discussion - Topic #2:
Key next steps to ensure success with the integration of natural wetlands into neighbourhood designs

6. Summary

Host Bar - Sponsored by MMM Group



Thursday, December 5

1. Welcome and opening remarks

2. Native Plant Solutions - Lisette Ross & David Martz
Naturalized Storm Water Management Facility Design

- a) Economic and biological benefits
- b) System design for commissioning and long-term maintenance
- c) Cost comparison
- d) Winnipeg case example

LUNCH

3. Discussion Panel

- a) AESRD: Introduction to Water Act & Public Lands Act - Cody Nahirniak
- b) City of Edmonton: Monitoring and operations - Liliana Malesevic
- c) UDI Edmonton: Industry perspectives - Jon Heisler & David Price

4. Small group discussion - Topic #3:
Challenges and solutions for designing and operating naturalized storm water management facilities

5. Small group discussion - Topic #4:
How should we get started on our key next steps

6. Summary statement, next steps, and close

Facilitated by

