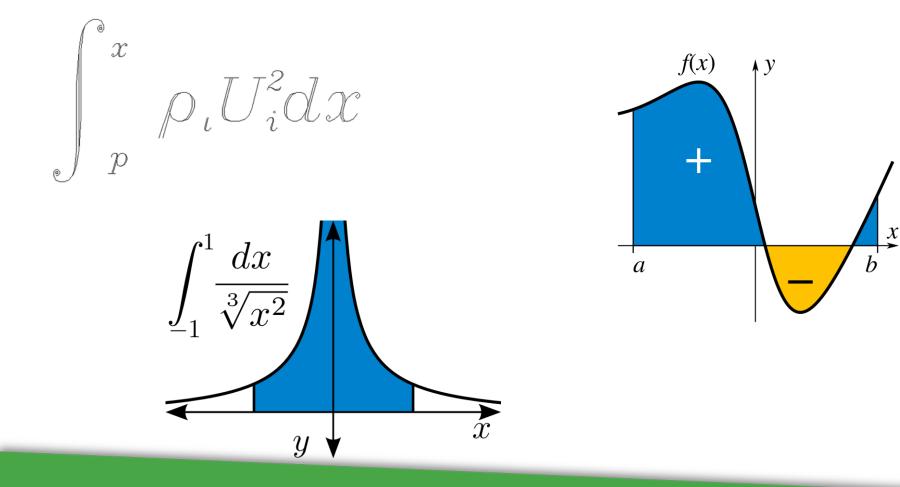


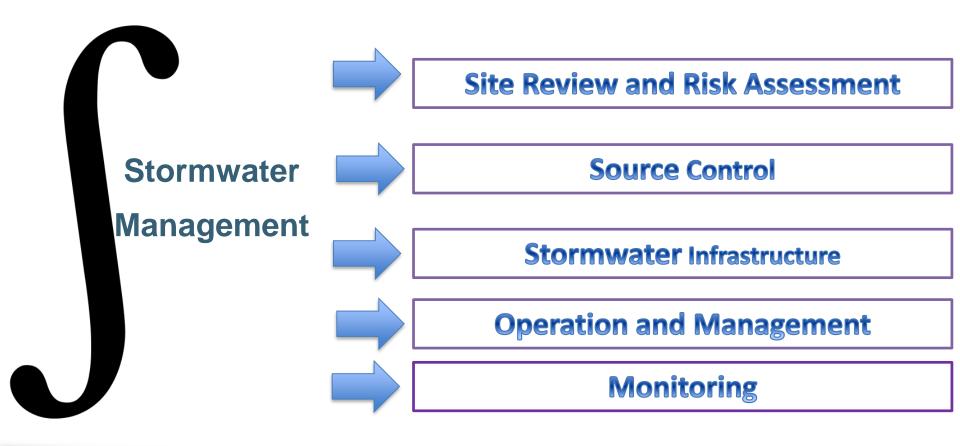
EMA Presentation – April 2017

David Lumb, P.Eng.

What is "Integrated"?



What is "Integrated"?



3

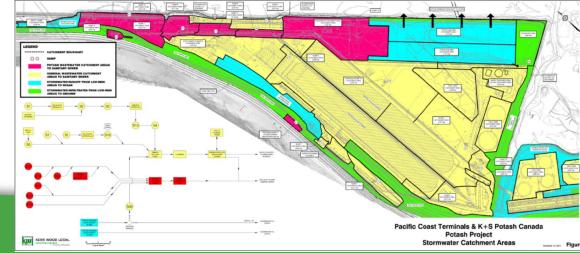
Site Review and Risk Assessment Identifying Activities

- Documenting Infrastructure
 - Transfer Stations
 - Storm Sewers
 - Drainage Catchment Areas

Identification of 'High Risk' areas and activities

- Transfer operations
- Fueling Areas
- Uncovered Storage

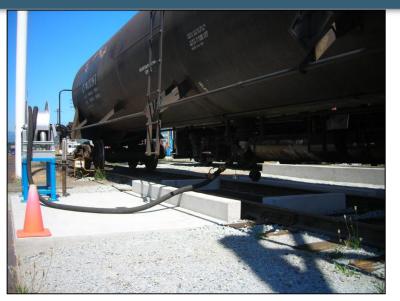




Source Control

- Cover the Areas
- Catch the Spills
 - Spill Containment
 - Transfer Station Pads
- Operating Practices
 - Fuel Limiter example







Source Control

□ Spill Containment





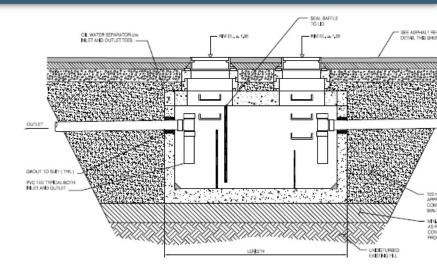
6

Stormwater Infrastructure

- □ Spill Containment Systems
- Catch Basins and Storm Sewers
- □ Treatment Systems

□ Oil Water Separators







Clarifier



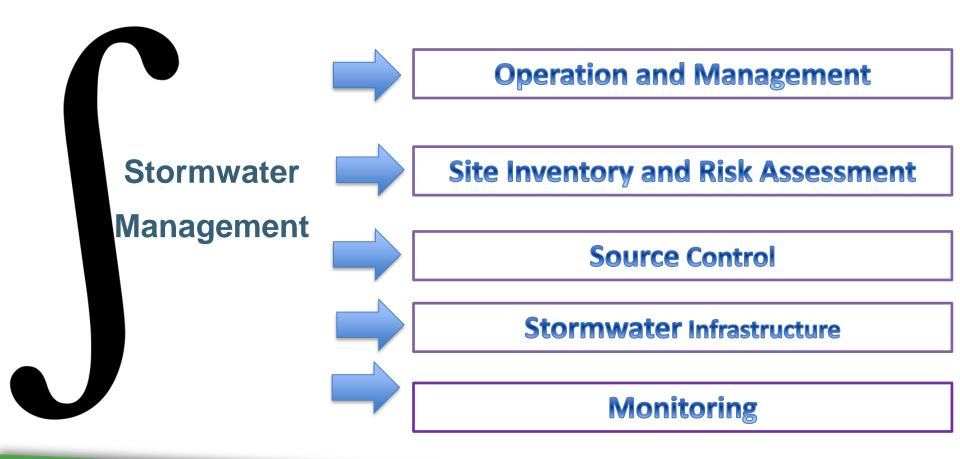
Operation and Management

- Operating Practices
- □ Spill Response Procedures
- Discharges
- □ Maintenance
- Monitoring





Stormwater: INTEGRATED



Questions?

David Lumb., P.Eng. dlumb@kwl.ca

