





Advancing Asset Management Program

# LEVELS OF SERVICE

**MODULE 4** 

Please take this time to change your name in the participants list to include your full name and organization



## Acknowledgements

This initiative is offered through the Municipal **Asset Management Program, which is delivered** by the Federation of Canadian Municipalities and funded by the Government of Canada.





#### Collaborators and Influencers



















## Agenda

- 1. Recap last week and assignment (Describing LOS)
- 2. LOS Template Tab 3 Performance Measures
- 3. Activity: Performance Measures
- 4. Service Delivery Gaps
- 5. Activity: Identify Gaps



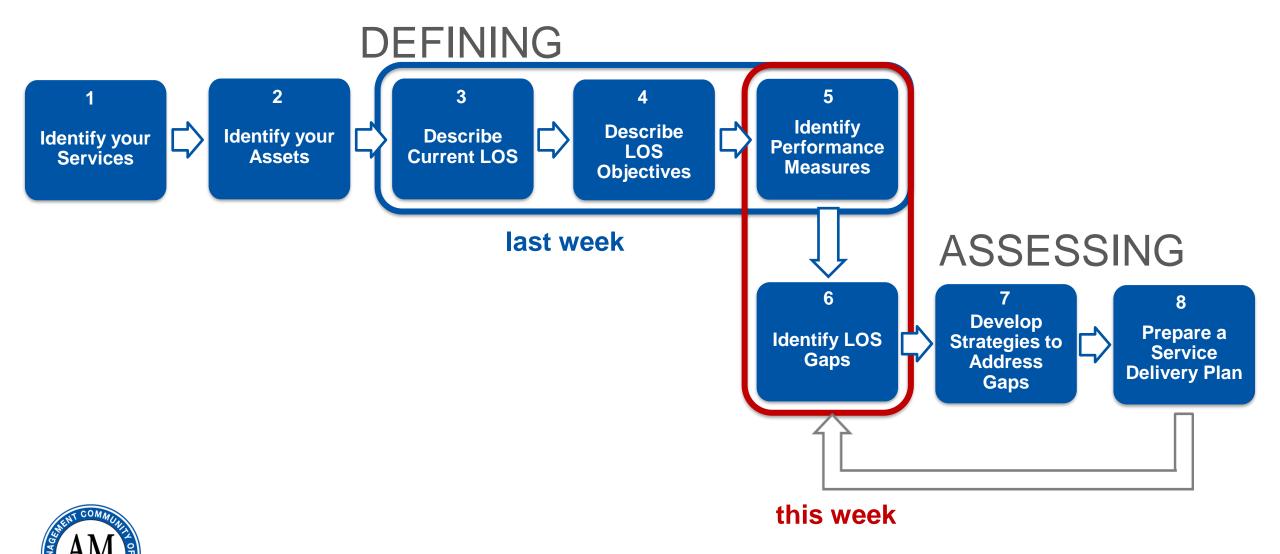
## Module 3 Recap

#### 3. Describing and Assessing LOS

- Current Performance
- LOS Commitments
- Offline work How did it go?



### Levels of Service Process



#### Performance Measures

#### 3. Describing and Assessing LOS

- How will you determine if a LoS is being achieved?
- Is the information already available? Is it affordable to obtain it?

**Performance Measure** = the means used by the municipality to assess a level of service (e.g. direct measurement, customer survey, complaint, internal review)

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Describe
Current LOS

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Describe LOS
Objectives

5 Identify Performance Measures

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Identify LOS Gaps

## Performance Measures

#### 3. Describing and Assessing LOS

O&M Data	Operating logbooks, sample test results, SCADA data, work order or CMMS data.
Complaints	Records of numbers and types of comments received from users by telephone, mail, front counter, website, email or social media.
Expert Assessment	Evaluation based on analysis by a competent staff member or consultant, using specific and repeatable criteria and methodology.
Service Contract	Enforceable terms of a contract with a third party that provides a service on behalf of the municipality (e.g. biweekly residential waste collection).
OH&S Records	Workplace inspection, accident, lost time and near miss records.
Program Data	Utilization rates of facilities or equipment, spare capacity, range of services supported by the assets.

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#### Performance Measures: Resource

#### 3. Describing and Assessing LOS

https://amontario.ca/Files/PDF/20181119\_ MunicipalMetricsCatalogueV1.pdf

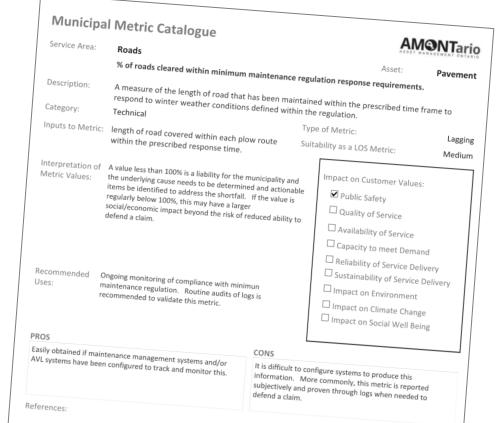
Municipal Metrics Catalogue

Version 1.0

November 2018



Level of Service (LOS) Working Group



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## Activity: Identify Performance Measures





#### 3. Describing and Assessing LOS

- 1. Use the provided examples as a basis to identify your own performance measures
  - Adjust to suit your own community
  - Start with information already available
  - Consider the cost and level of effort to collect new information
- 2. Document source information

Describe **Current LOS** 

**Describe LOS Objectives** 

Identify **Performance** Measures

6 **Identify LOS** Gaps



Develop

Strategies to Address

Gaps

## Identifying Service Delivery Gaps

#### 3. Describing and Assessing LOS Describe **Current LOS Identify current** Assess affordability Ongoing review and management of & make level of levels of service performance service decision provision No demand **Describe LOS** for change **Objectives** Review demand **Evaluate options to manage** for level of service level of service gap change Level of Identify Service Create new assets Gap identified **Performance** Measures Change O&M strategies Potential drivers for reviewing levels of service Customer feedback, e.g. Strategic / political 6 Dispose of assets through complaints, objectives changed or not monitoring, surveys, via being achieved **Identify LOS** elected representatives Demand management Gaps Affordability Change to legislative or industry standards Do nothing



Source: Developing Levels of Service and Performance Measures, NAMS New Zealand, 2007

Risk management identification of

unacceptable risks

Internal LOS reviews:

identify areas to add value

## Identifying Service Delivery Gaps

#### 3. Describing and Assessing LOS

**Performance Gap** = the difference between the current level of service and the level of service objective

**Sustainability Gap** = the anticipated future gap between the current level of service and the level of service objective

 Is current performance more or less than the level of service objective?



 Can current performance be sustained over time?



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## Identifying Service Delivery Gaps

#### 3. Describing and Assessing LOS

#### **SUSTAINABILITY GAPS**

- Are there foreseeable future gaps between current performance and LOS commitments?
- Consider:
  - Changing climate: drought, flood, wildfire, sea level rise, extreme storms
  - Community growth and demographic change
  - Asset deterioration and unfunded renewal needs
- What are the best solutions?

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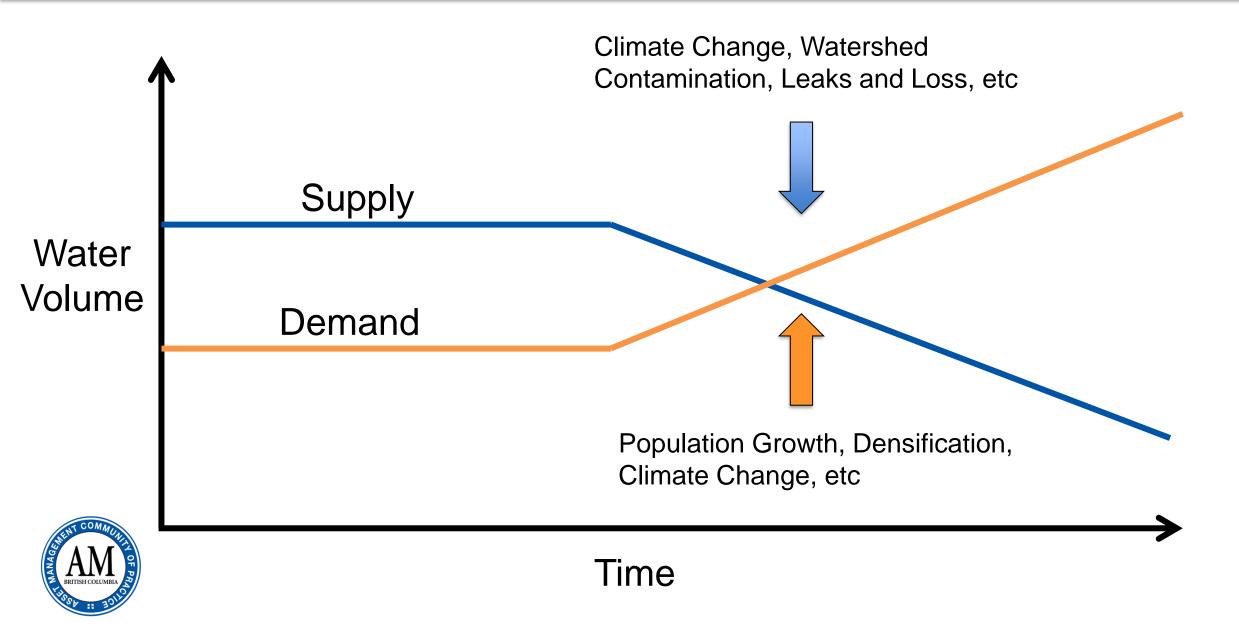
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## Sustainability Gap Example



## Activity: Identify Service Delivery Gaps







- 1. Identify any performance gap, noting if the current level of service is above or below the level of service objective
- 2. Describe the performance gap to be addressed
- 3. Identify any sustainability gap
- 4. Describe the sustainability gap to be addressed

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## Options to Address Gaps

#### 3. Describing and Assessing LOS

- For the service delivery plan, it's the service levels that have a gap we are concerned about
- Identify the options to address gaps, considering:
  - Is doing nothing acceptable?
  - Can the level of service be reduced?
  - Should an asset be acquired or improved?
  - Master Plans: have new or modified assets previously been identified and costed?
  - Should an asset be disposed of?
  - Are there ways to meet the community's need without new infrastructure (e.g. O&M strategies, demand management)?
  - What level of public or stakeholder communication is needed?

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## Options to Address Gaps

#### 3. Describing and Assessing LOS

- Which option is best? Consider:
  - Feasibility, including staff resources
  - Level of effort required
  - Affordability
  - Lifecycle cost
  - Implications for risk over the asset life cycle
  - Timeline
  - User needs
  - Probable future scenarios (e.g. climate change implications)
- Note any net increases to annual costs as a result of addressing gaps
- Consult Council and the public

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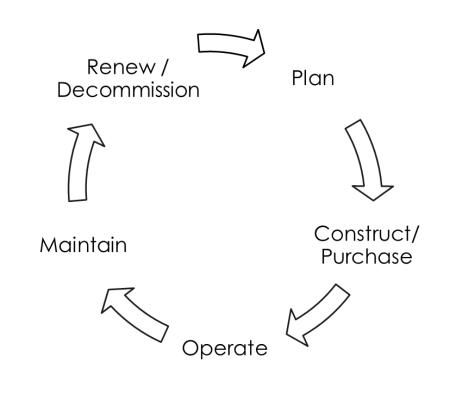


## Options to Address Gaps

#### 3. Describing and Assessing LOS

#### LIFECYCLE COSTING

- The true costs involved in delivering a service
- Owning and utilizing a community asset over its whole useful life
- Enables fact-based decisions regarding a best value approach for providing services
- Helps understand and compare projects, even when they may have markedly different initial capital costs



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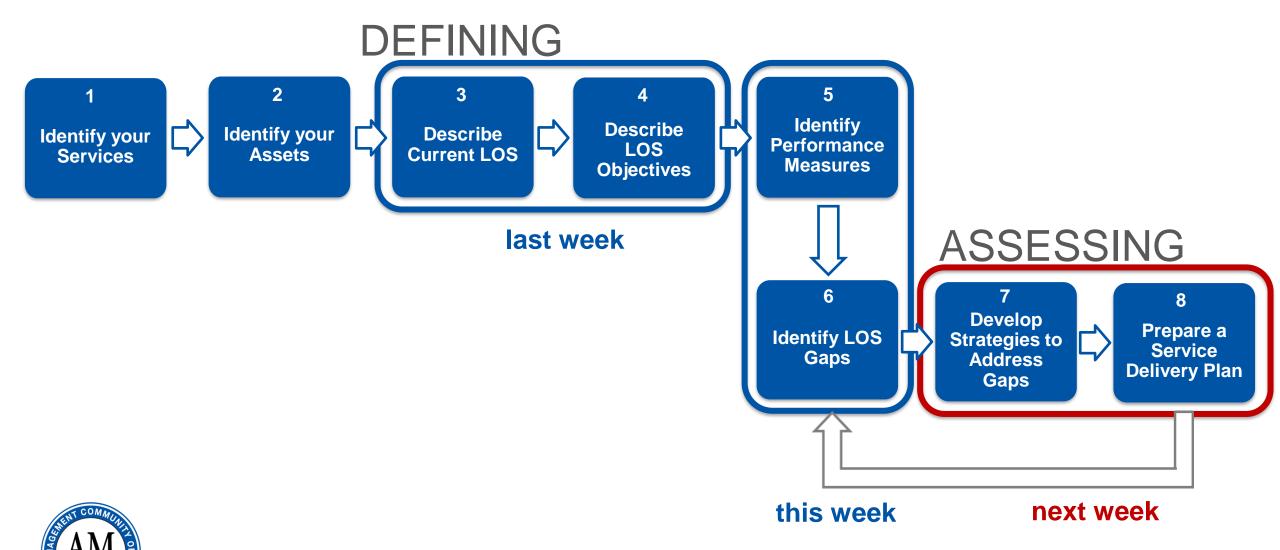
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### Levels of Service Process





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- Next week we'll dive into addressing LOS gaps
- Decide what gaps are priorities you want to work on
- Have background info ready (previous plans, studies etc.)

