



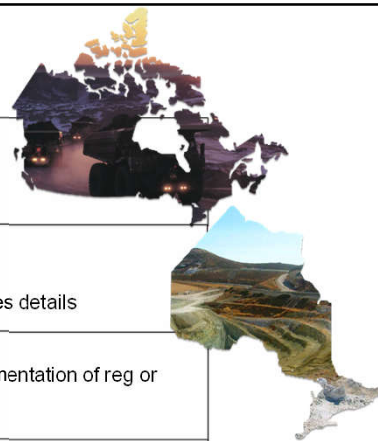
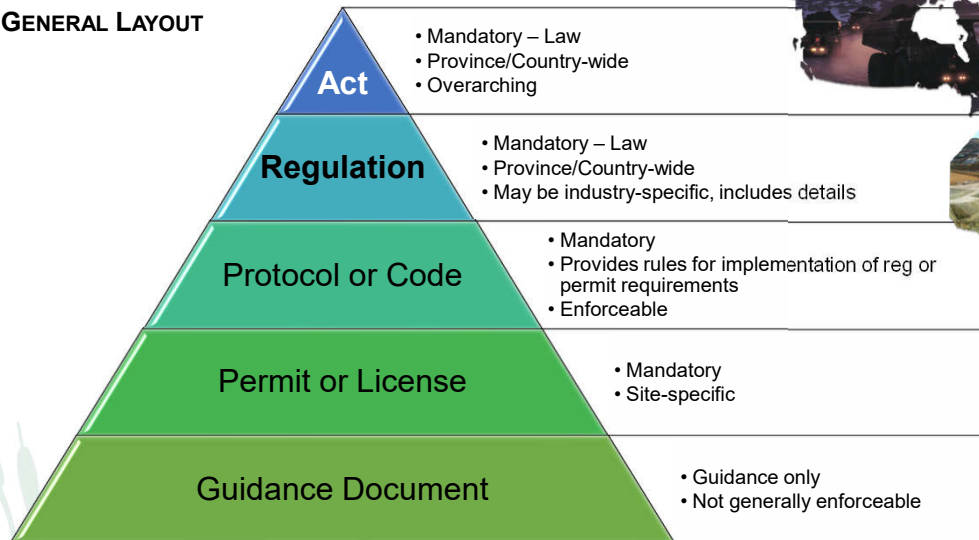
# WATER AND WASTEWATER REGULATORY FRAMEWORK

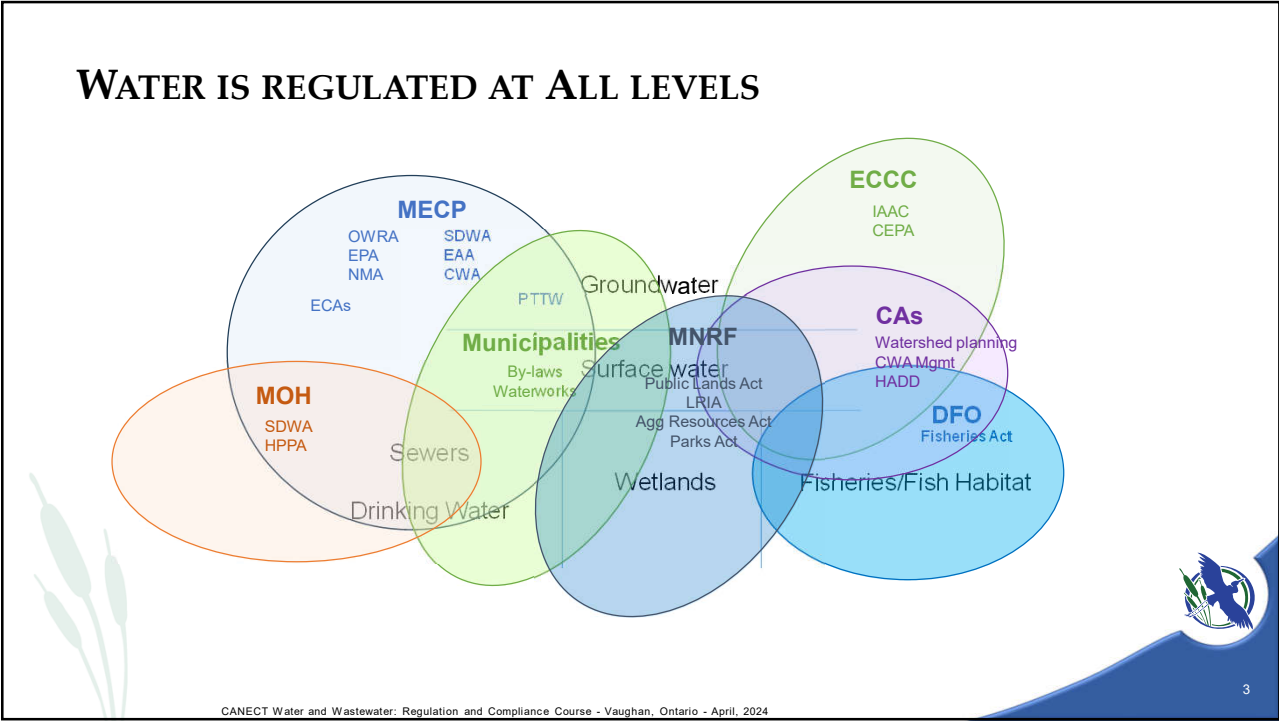
CANECT WATER & WASTEWATER: REGULATION AND COMPLIANCE COURSE  
 VAUGHAN, ONTARIO APRIL, 2024



## LEGISLATIVE FRAMEWORK

### GENERAL LAYOUT





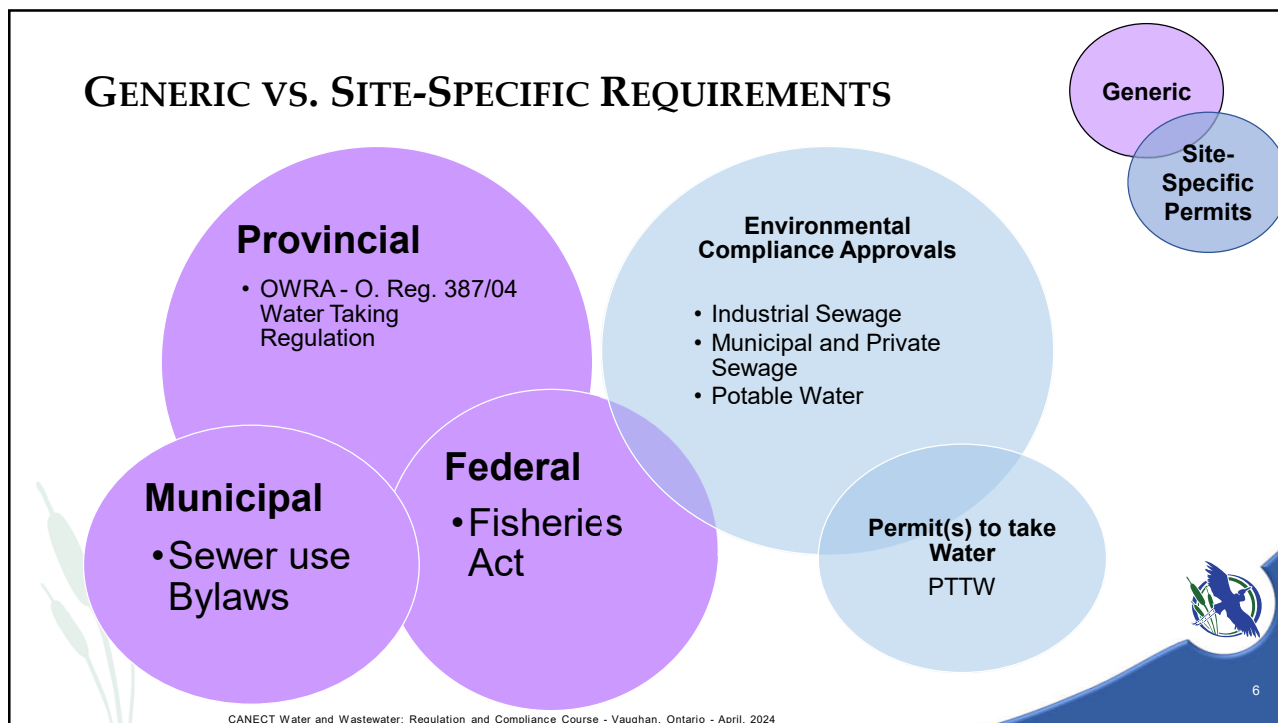
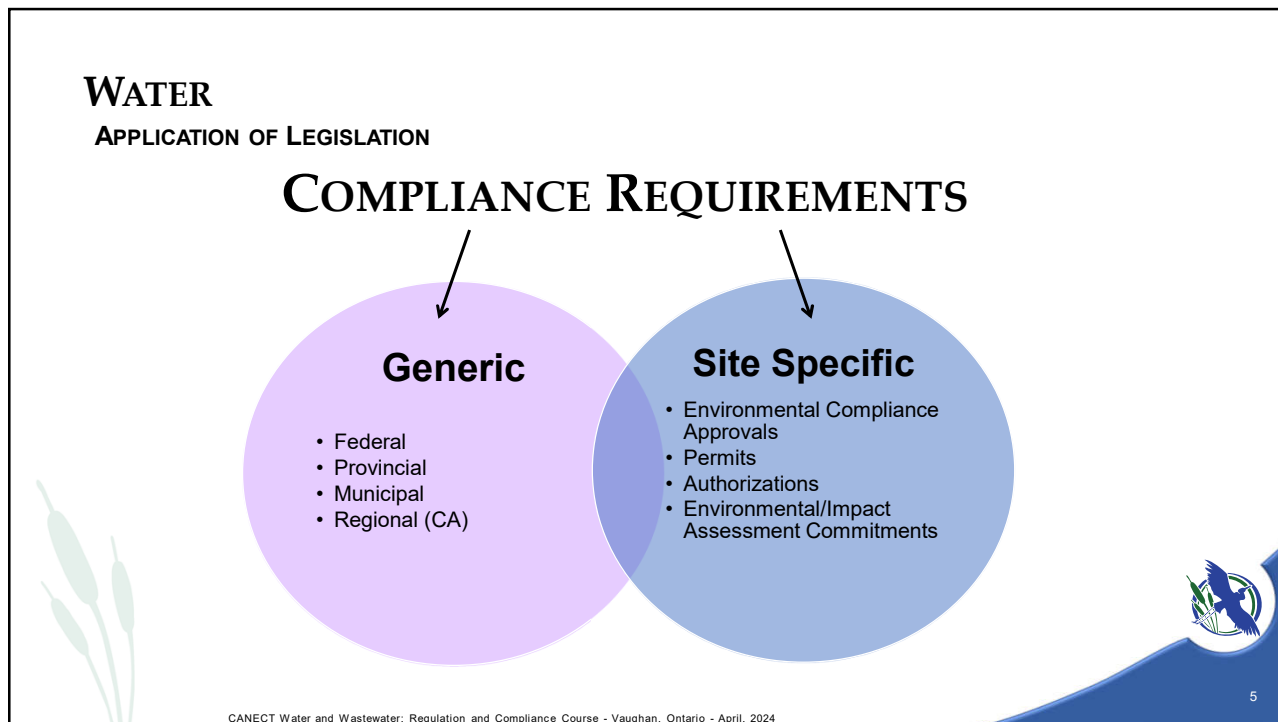
## So....

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HOW DO WE SORT THROUGH IT ALL AND ENSURE COMPLIANCE?

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# WATER

## STRUCTURE OF LEGISLATIVE REQUIREMENTS

- Design Requirements
- Monitoring Requirements
- Limits
- Required Activities
- Reporting Requirements

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# WATER

## STRUCTURE OF PERMITS / LEGISLATIVE REQUIREMENTS


### Design Requirements

- Capacity of “works”
- Accuracy of instrumentation
- Location of “works”

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**WATER**  
STRUCTURE OF PERMITS / LEGISLATIVE REQUIREMENTS



**Monitoring Requirements**


- Sampling
- Flow Monitoring
- Inspections
- Frequency
- Methodology
- Parameters



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**WATER**  
STRUCTURE OF PERMITS / LEGISLATIVE REQUIREMENTS



**Limits**

- Effluent Discharge
- Water Taking
- Loading-based
- Mill Tonnage



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# WATER

## STRUCTURE OF PERMITS / LEGISLATIVE REQUIREMENTS



### Required Activities

- Tests/drills
- Documentation requirements (operating manuals, etc.)
- Record keeping requirements
- Procedures
- Labelling



# WATER

## STRUCTURE OF PERMITS / LEGISLATIVE REQUIREMENTS



### Reporting Requirements

- Data
- Performance Summaries
- Incident reporting (method, timing)
- Frequency
- Format
- Certification requirements



# LEGISLATION STRUCTURE

WATER TAKING REGULATION EXAMPLE  
(O. REG. 387/04)



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## WATER REGULATIONS

WATER TAKING REGULATION (O. REG. 387/04)



Generic

**4.1(1)** The taking of water by any of the means described in subsection 34 (3.1) of the Act ...

- i.e. Taking **>50,000 lpd** as per Sect. 34 of the Ontario Water Resources Act

**Exemptions:** Municipal, Agricultural

**WATER REGULATIONS**  
**WATER TAKING REGULATION (O. REG. 387/04)**


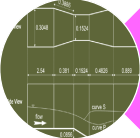
**Generic**

**Design Requirements**

- Data collected with flowmeter or calculated using method acceptable to a Director

**Monitoring Requirements**

- Daily water taking measurements



**WATER REGULATIONS**  
**WATER TAKING REGULATION (O. REG. 387/04)**

**Generic**



**Limits**

- None

*Note: the Regulation has no specific limits – but the PERMITS do!*

**Required Activities**

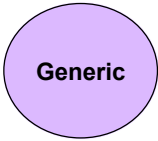
- Record data on volume of water taken daily





# WATER REGULATIONS

WATER TAKING REGULATION (O. REG. 387/04)



## Reporting Requirements

- March 31<sup>st</sup> Annual report



## QUESTIONS?



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