

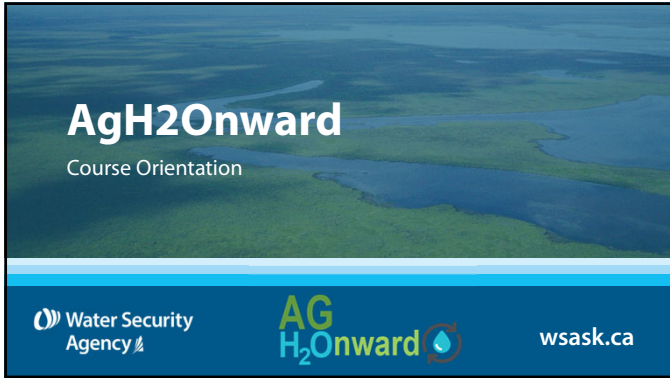


Agriculture Water Management



Course Orientation

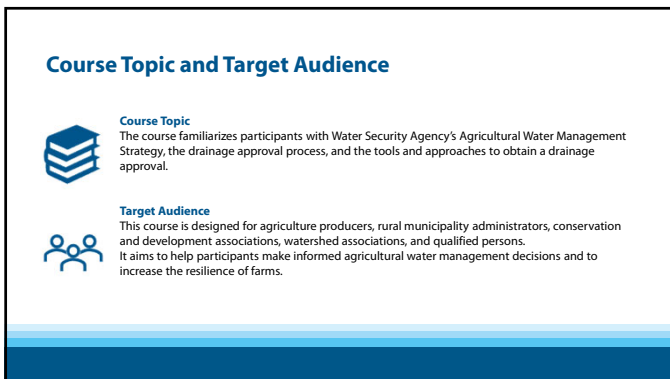
AG
H₂O onward 



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Learning Objectives

In this course you will learn about:

- The importance of agricultural water management and the types of drainage that occurs on agricultural lands in Saskatchewan
- The potential impacts and risks of drainage and how to reduce them
- The drainage approval process in Saskatchewan
- What a qualified person (QP) is, what a QP does, and why most drainage projects will require a QP to prepare the application for a drainage approval

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Course Modules & Learning Tools



Each module includes a YouTube video, a PDF of the PowerPoint slides used in the videos, a student workbook, and it may have an Additional Resources section that includes links to websites and reading materials.

You can go through the course materials at your own pace and start any time that suits you.

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The Water Security Agency

The WSA ensures the sustainability and quality of Saskatchewan's surface and ground water supplies while protecting drinking water supplies from the source to the tap. The WSA brings together most of the government of Saskatchewan's core water management responsibilities.

- We manage the province's water supply
- We protect water quality
- We ensure safe drinking water and treatment of wastewater
- We own and manage 72 dams and related water supply channels
- We reduce flood and drought damage
- We protect aquatic habitat
- We provide information about water
- We represent Saskatchewan on transboundary water issues
- We promote responsible drainage that supports resilient watersheds and thriving communities through the drainage approval process

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WSA's Agriculture Water Management Branch – Meet the Team

The key players involved in WSA's Drainage Approval Process include:

WSA Approval Technologists – WSA staff who provide technical and administrative advice and support to clients specific to agricultural water management inquiries, complaints, applications, and approvals. Mentor qualified persons through the drainage approval process.


- There are 12 Approval Technologists helping clients across SK

WSA Compliance Technologists – WSA staff who provide technical, administrative, and enforcement advice, and conflict resolution to clients and staff concerning WSA's mandate to regulate and manage water resources and deliver programming.

- There are 4 Compliance Technologists helping clients across SK

Qualified Persons – Independent consultants who have completed sufficient training to enable them to provide technical and administrative advice and support to clients as they go through the drainage approval process.

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 **Key Learnings**

- ▶ All drainage works require an approval
- ▶ A risk-based approach is applied to every application
- ▶ Mitigation strategies
- ▶ A network approach is used to address cumulative impacts
- ▶ A qualified person (QP) is there to help producers get drainage work approved

Qualified Persons

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What to Expect

AG H₂O onward 

Module 1 - *Adaptation and Growth- the Agricultural Water Management Strategy*

Module 2 & 3 - *What's it All About- the Impacts of Drainage Today*

Module 4 - *The Working Elements of the Agricultural Water Management Strategy*

Module 5 - *Moving Onward- Where To Go From Here*

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