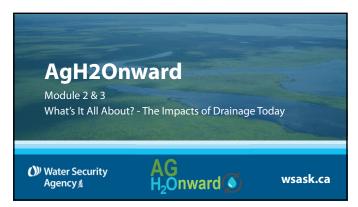
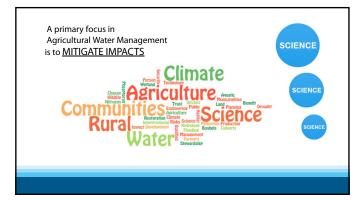


Module 2 & 3 AG H₂Onward

What's It All About?
The Impact of Drainage Today

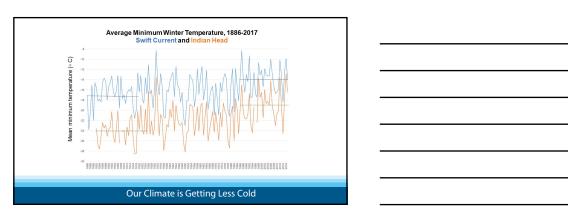


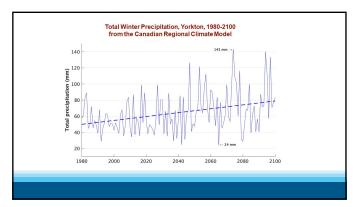




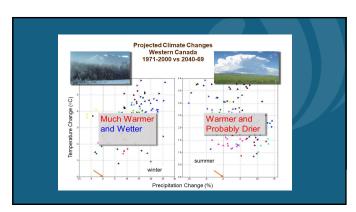


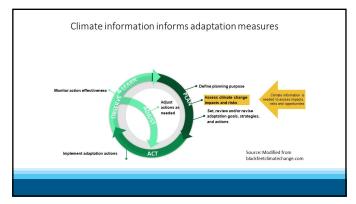












- This is why we need improved, responsible drainage.
- BUT, on the flip side does that mean "more" will be going downstream and what are the impacts?
- We need to address this.
- Drainage can manage flooding, but also storage is needed to handle downstream impacts and help with managing droughts.



11

Within the Agricultural Water Management Strategy:

Goal:
Responsible drainage while <u>minimizing the Impacts</u> on Water Quantity, Water
Quality and Habitat while considering soil health.

1. Impacts

- ► Effects due to drainage that result in unreasonable harm or a reduction in the ability to use a resource such as land, water or infrastructure. Total Volume
 2. Risk

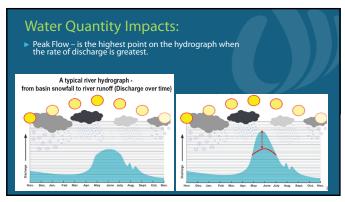
Likelihood and consequence of an impact.

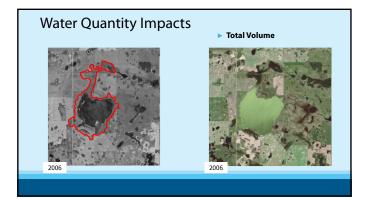
▶ Doing something to avoid, eliminate or reduce the impact.

12 Page 4

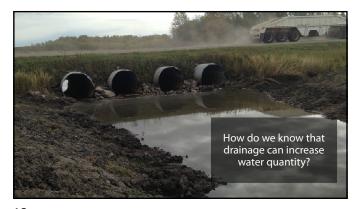


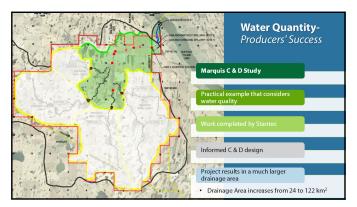


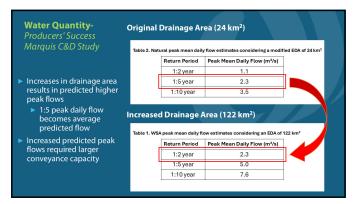


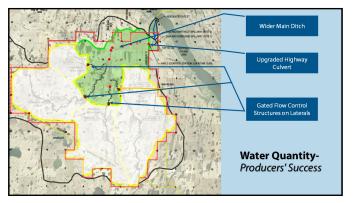


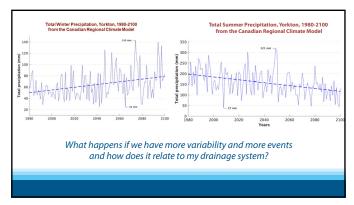




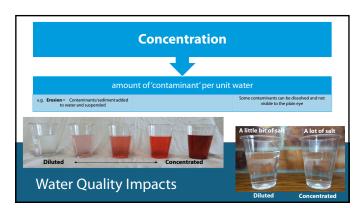


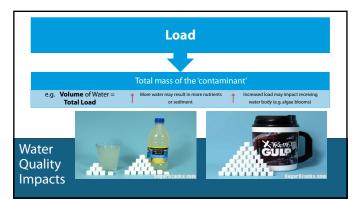




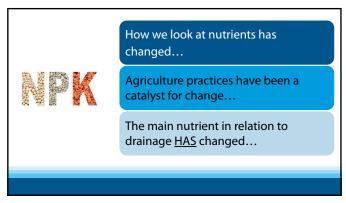
















29

Water Quality- Producer's Success South Tobacco Creek Location: Edge of the Manitoba Escarpment - the watershed drops 590 ft over 6 miles! Water would come off high ground fast - Sediments and nutrients were being carried downstream, in addition to flooding

