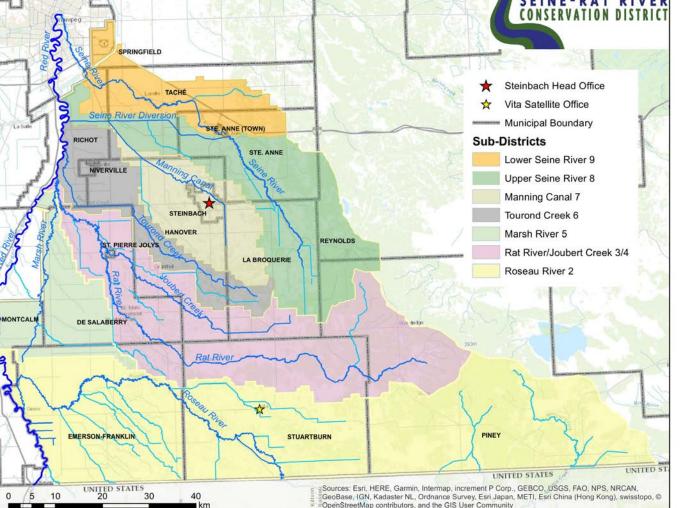
SEINE RAT RIVER CONSERVATION DISTRICT

Jodi Goerzen, SRRCD Manager Lake Winnipeg Basin Symposium March 21, 2019



NUTRIENT REDUCTION THROUGH MAPPED & MANAGED SEINE-RAT RIVER WATER RETENTION



- High nutrient contribution from Seine, Rat, Roseau Watersheds to the Red River and Lake Winnipeg
- Targeting hot spots to reduce overland flooding and runoff
- Strategically implementing operational nutrient reduction strategies, now and into the future
- Demonstrating effectiveness of water retention with landowners, NGOs, Municipalities

KISMET CREEK ANIMAL SANCTUARY



TRUCKS

1

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HERSCHFELD

Herschfeld Rd

Google Earth

Legend Cullert Dyles

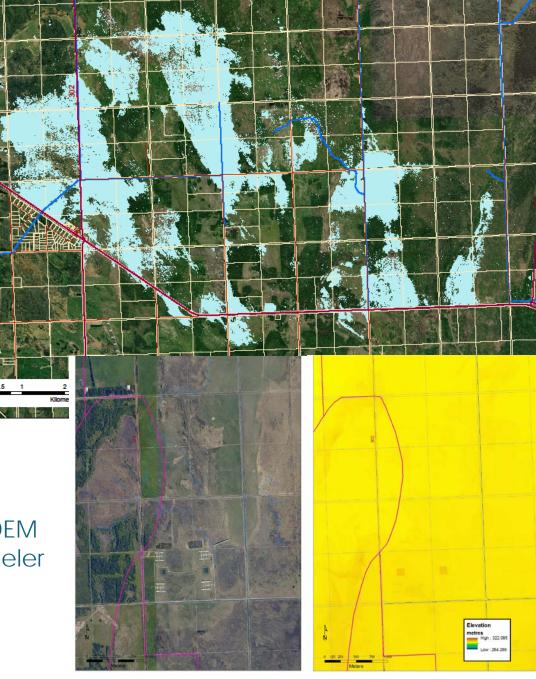


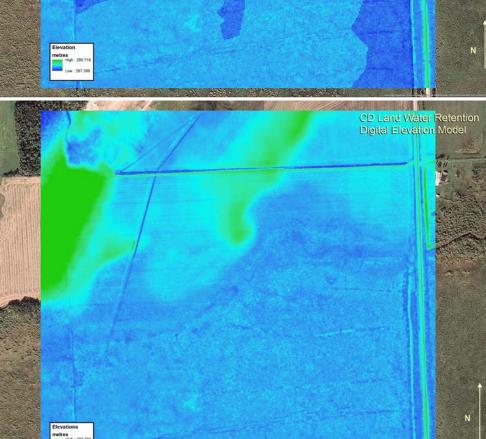
M A P I N G

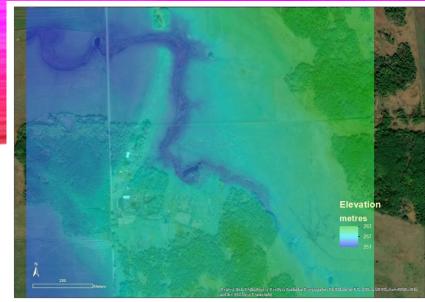
Resources o LiDAR

o Wetland DEMPond Modeler

Zhoda Watershed-Flood Areas from 1 in 100 Rainfall



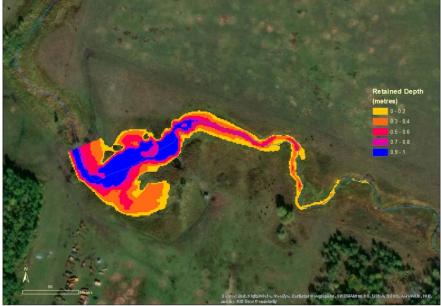




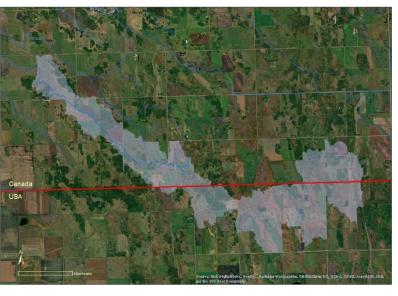




Sustainable Water Management with LiDAR



37 sites analyzed
12 sites surveyed
7 projects complete
70 acre/ft
\$95,600



WETLAND CHALLENGES LANDOWNER CHALLENGES



NEXT STEPS

Harvest cattail with the International Institute for Sustainable Development Monitor water with the Lake Winnipeg Foundation Delegate to all our Municipal partners Continually plan, implement and demonstrate the effectiveness of properly managed surface water



