

# Manitoba Non-Point Source Nutrient Retention

Lake Winnipeg Basin Symposium  
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Mark Francis

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This project was undertaken with the financial support of:  
Ce projet a été réalisé avec l'appui financier de :



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# Project Purpose and Overview

- Conservation partners:
  - Ducks Unlimited Canada
  - Manitoba Habitat Heritage Corporation
- Objectives (2 yrs)
  - Wetland restoration: 40 hectares (100 ac)
  - Wetland retention: 432 hectares (1,070 ac)
- Budget
  - LWBP: \$ 400,000
  - Match: \$ 800,000





# Project Results

Wetland Restoration

53 hectares (131 ac)

P-seq = 4.02 kg/ha/yr

N-seq = 15.17 kg/ha/yr















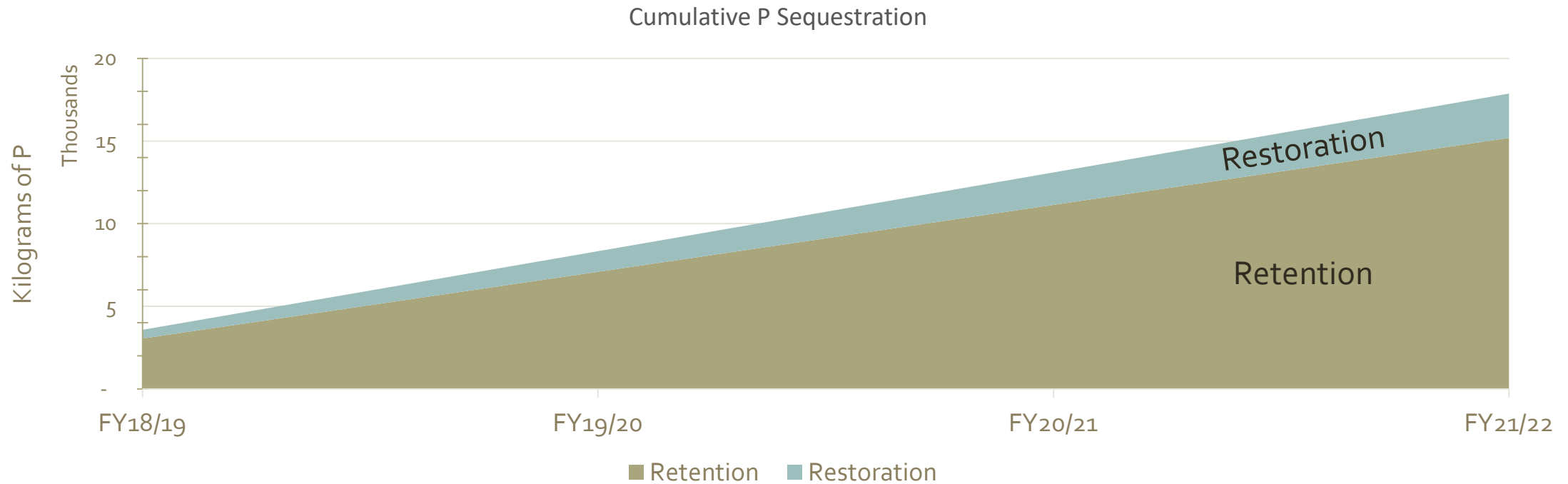


# Project Results

Wetland Retention

354 hectares (875 ac)





# Phosphorus Sequestration

Estimates based on Padiou, P.; B. Page and L. Boychuk (2017). Wetland restoration program: Estimates of water storage capacity and nutrient mitigation potential. Final Report for Lake Winnipeg Stewardship Fund, 30 pp.



# Project Discussion

- Delivery Challenges
  - Engaging grain/oilseed producers is hard
    - Public benefit, Private cost
  - Want to hold water in a convenient place
  - Limited concern around Lake Winnipeg
  - (Perception) City of Winnipeg pollutes way more
  - Time constraints (funding, licencing, negotiating)
- Delivery Opportunities
  - Engaging with beef producers
  - Conservation farming approach
  - New provincial wetland policies
  - Marketing to local concerns



# Contact Details

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