

Manitoba-Minnesota Transmission Project
 Clean Environment Commission Hearing

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| Introduction & Project Description | Sarah Coughlin David Block Marcel Gahbauer Leane Wyenburg Nick DeCarlo Butch Amundson |
| Engagement | |
| Routing | Introductions Biophysical Context Key Engagement Feedback Methods Valued Components Lessons Learned |
| Construction, Operations & Property | |
| Methods | |
| EMF | |
| Socio-Economic Environment | |
| Biophysical Environment | |
| Environmental Protection Program & Conclusion | |

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Overall outline

- Introduction (Sarah Coughlin)
- Fish and fish habitat (David Block)
- Vegetation and wetlands (Nick DeCarlo)
- Wildlife and wildlife habitat (Marcel Gahbauer and Leane Wyenburg)
- Traditional land and resource use (Butch Amundson)

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Existing environment



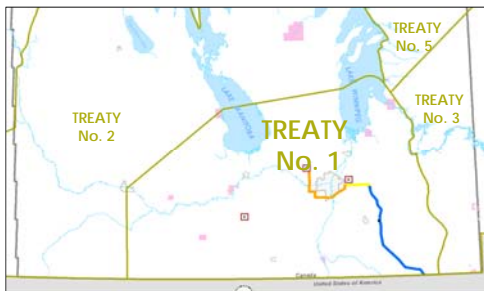
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Existing environment



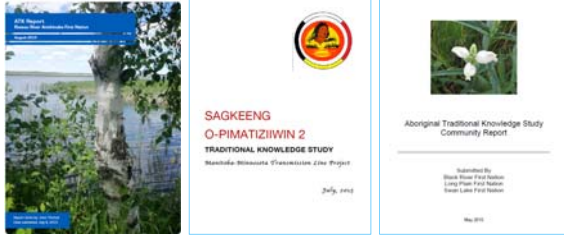
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Traditional use



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Self-directed studies



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Lessons learned

- Take an ecosystem approach, with consideration of focal species
- Evaluate fragmentation of habitat
- Mitigation measures and monitoring plans build upon learnings from past projects (Bipole III, Lake Winnipeg East)
- Assess proxy areas



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Key engagement feedback

- Everything is connected
- As you move east there is more potential for heritage and cultural impacts
- There are few areas to practice traditional use in southern Manitoba
- Value of fish and wildlife and the habitat that supports them expressed in self-directed studies

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Issues addressed through routing

- Use of existing corridors and access routes
- Avoidance as a result of the FPR selected
 - Areas of large, intact vegetation
 - Areas of special interest largely avoided
 - Marchand area and contiguous forest east
 - Tallgrass and mixed grass prairie
 - Grouse leks
 - Vita Elk herd

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Key mitigation measures

- Routing
- Winter/frozen ground construction
- Using existing access routes
- EPP

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Biophysical environment

Valued components assessed



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Fish and fish habitat



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Vegetation and wetlands



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Wildlife and wildlife habitat



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Traditional lands and resource use



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VC Presentations Roadmap



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