

#### Outline

- Biosecurity at Manitoba Hydro
- Construction procedures
- Monitoring program
- Lessons learned from past projects

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### Biosecurity at Manitoba Hydro

- Procedures developed with stakeholder input
- Risk-based approach
- Goal is to prevent movement of soil between properties
- Flexibility to address site-specific concerns

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#### Construction procedures

- All properties reviewed before construction begins to assign risk level
- Vehicles, footwear and equipment cleaned and disinfected on entering and leaving sites
- Cleaning mechanisms based on risk level



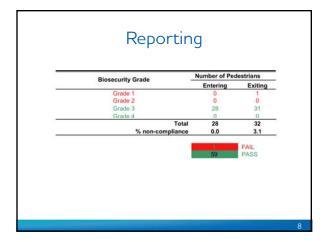
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## Construction procedures



- Third-party monitors to track compliance with biosecurity procedures
- Flexible procedures to adapt to changes in condition

Monitoring program		
Cleanliness Grade	Pass or Fail	Rationale
Grade 1	FAIL	No effort made to clean
Grade 2	FAIL	Mechanically cleaned but soil or plant matter still present
Grade 3	PASS	Mechanically cleaned and any remaining soil disinfected with Virkon or Synergize
Grade 4	PASS	Vehicle/equipment/footwear clean. No soil or plant matter present.







# Lessons from past projects and experiences

- Implement program from the start
- Carry out pre-construction sampling
- Ensure biosecurity is built into construction contracts
- Third party monitoring from the start of construction

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