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Thornbury Landfill Reclamation Plan

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Project Objectives

- Ways to Reduce Environmental Impacts
- Assess Feasibility of Transformation
- Consider Alternative Locations for Current Uses
- Consider Conceptual Options for Reuse

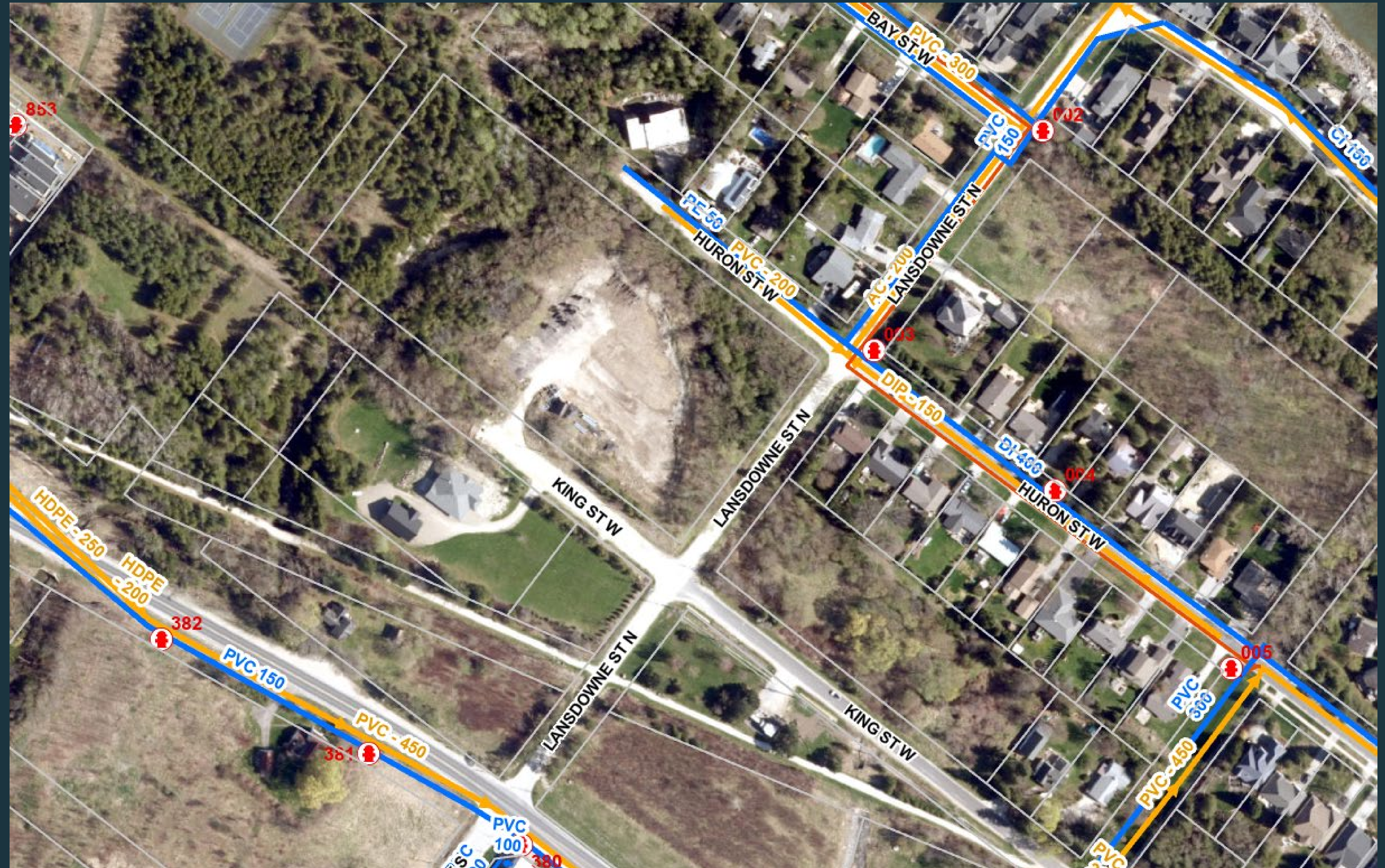
Site History and Context

- Landfill from 1953 to 1969, closed around 1988
- Recent environmental Studies identified impacts to soil and groundwater



Surrounding Land Use & Site Servicing

- Residential, and Woodlots
- Water and Wastewater Servicing on Huron St. and Lansdown St.



Current Sites Uses

- Public Works Yard
- Storage of Equipment, Materials and Snow



Environmental Impacts

- **Soil and Groundwater:** Exceedances of Standards (metals, PHC, VOC, PAH)
- **Landfill Gas:** Methane detections
- **Road Salts:** High sodium and chloride from salt and snow storage

Natural Heritage Features

- Little Beaver Creek
- Significant Woodland
- Regulatory Setback



Remedial Strategy: Excavation

- Excavate Waste
- Approx. 7,500 m³ of waste
- Approx 3,900 metric tons of impacted berm soil
- Waste and impacted soil to be trucked to active landfill



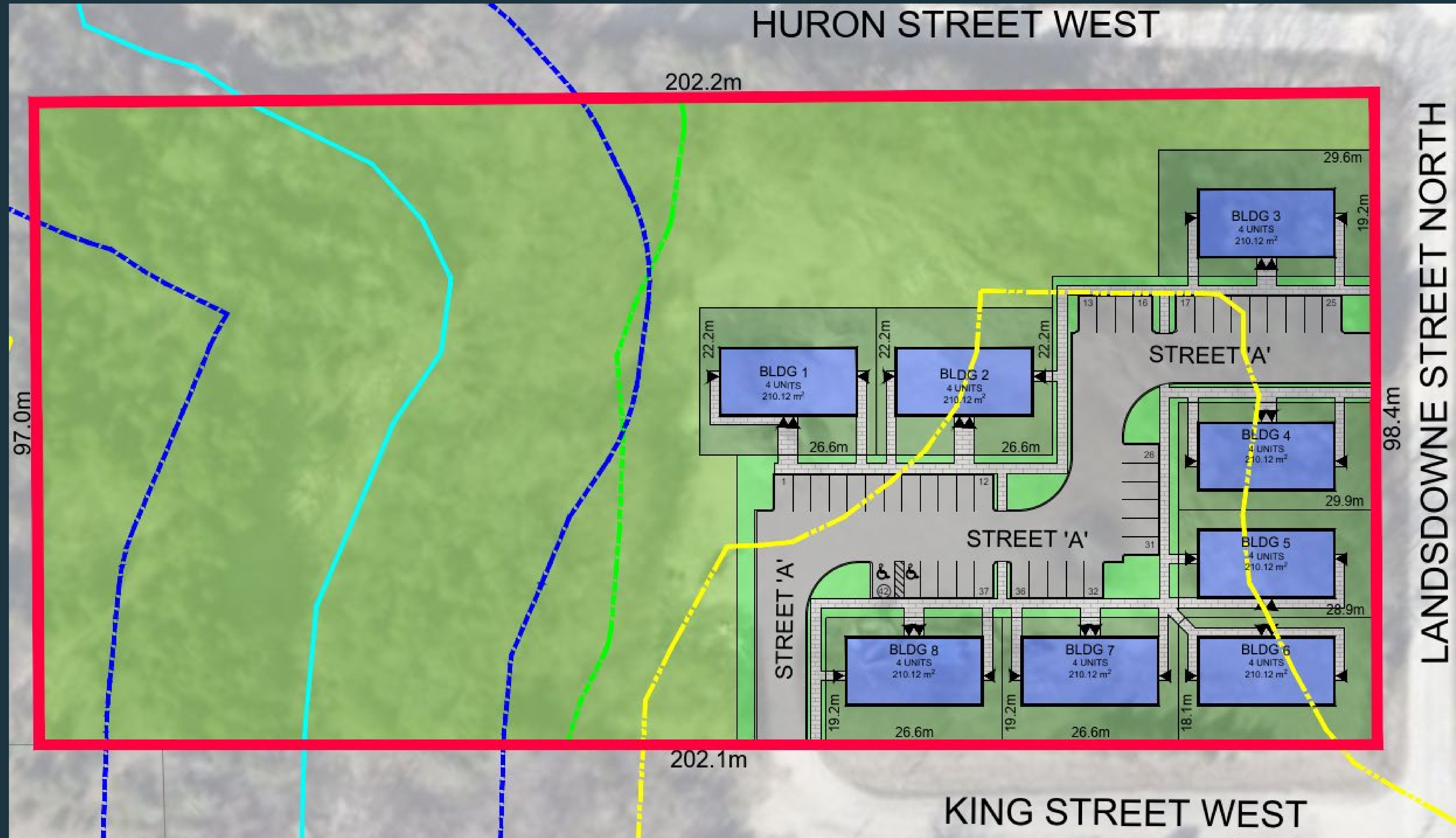
Potential Future Use: Parkland

- MECP Approval
- Risk Assessment plus some waste removal
- Watercourse and woodland setbacks



Potential Future Use: Residential

- MECP Approval
- Waste Removal
- Zoning Amendment



Relocating Current Uses

- **Equipment and Materials:** Move to Hoffman St. and Ravenna Works Yards
- **Excess Soils:** To be managed at the Collingwood Pit
- **Snow Storage:** Moved to an area with lower environmental sensitivity

Estimated Project Costs

Based on Residential Approach

- **Contracting Costs: ~\$5.4M**
- **Sampling and Consulting Fees: ~\$360K**
- **Total with 30% Contingency: ~\$7.5M**

Funding and Grant Opportunities



- **Ontario Community Environment Fund**
- **Rural Ontario Development (ROD) Program**

Who's Listening



Dillon Consulting Limited

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Town of The Blue Mountains

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[Contact Form on Town Website](#)