



Schedule A

Mitigation Framework

City of Dryden – NWMO Deep Geological Repository Project

This Schedule outlines the City of Dryden’s required framework for identifying, implementing, and funding mitigation measures associated with the socioeconomic impacts of the proposed Deep Geological Repository (DGR) Project.

This framework is intended to ensure that:

- Project-related impacts are fully mitigated
- Municipal infrastructure and services are not degraded
- Dryden taxpayers are not required to subsidize project impacts
- Other impacted sectors are provided adequate mitigation measures
- Mitigation measures are defined, measurable, enforceable, and fully funded

General Requirements:

For all impact areas identified below, the Impact Statement must include:

- Baseline conditions (current capacity and utilization)
- Projected impacts under:
 - Low growth scenario
 - Moderate growth scenario
 - High growth scenario
- Defined tolerance thresholds
- Clearly identified:
 - Trigger points
 - Mitigation measures
 - Implementation timelines
 - Responsible party
 - Funding source (proponent and/or senior governments)

Mitigation must include both capital and operating funding, and must be structured to respond to cumulative effects over time.

1. Housing and Accommodation

Trigger Conditions:

- Measurable decrease in rental availability or vacancy rate
- Increase in rental or housing costs beyond regional norms
- Increased demand for subsidized or supportive housing



- Workforce influx exceeding local housing supply

Required Analysis:

- Comprehensive housing demand modelling (construction and operations)
- Workforce accommodation strategy (temporary and permanent)
- Impact on vulnerable and Indigenous populations

Mitigation Requirements:

- Proponent-supported housing strategy
- Development of workforce accommodation solutions that do not displace local residents
- Funding for housing-enabling infrastructure (water, sewer, storm water, roads)
- Support for affordable and supportive housing supply

Funding Expectation:

- Full proponent and/or senior government funding for all housing-related impacts attributable to the project

2. Municipal Infrastructure (Water, Wastewater, Solid Waste)

Trigger Conditions:

- Projected demand exceeding 80% of system capacity
- Reduced service life of existing infrastructure
- Increased capital replacement requirements due to growth

Required Analysis:

- System capacity modelling under all growth scenarios
- Impact on asset condition and lifecycle
- Long-term capital and operating cost implications

Mitigation Requirements:

- Expansion or upgrading of water and wastewater systems
- Landfill expansion or alternative waste solutions
- Acceleration of asset replacement programs

Funding Expectation:

- Full capital and lifecycle funding for infrastructure upgrades attributable to project impacts

3. Transportation and Highway Safety

Trigger Conditions:

- Measurable increase in traffic volumes (passenger or heavy vehicles)
- Increased collision rates or safety risks
- Increased wear on municipal roads

Required Analysis:

- Traffic modelling (construction and operations)
- Highway 17 safety assessment
- Municipal road network impact assessment

Mitigation Requirements:



- Highway safety improvements and upgrades
- Traffic management plans
- Municipal road upgrades and maintenance funding
- Support for emergency response capacity related to transportation incidents

Funding Expectation:

- Proponent and senior government funded transportation mitigation measures, including capital and ongoing maintenance impacts

4. Emergency Services (Fire, EMS, Policing)

Trigger Conditions:

- Increased call volumes
- Increased response times
- Increased demand for specialized response capacity

Required Analysis:

- Service demand modelling under all growth scenarios
- Capacity assessment for fire, EMS, and policing
- Impact on volunteer recruitment and retention

Mitigation Requirements:

- Expansion of fire service capacity (staffing, equipment, facilities)
- Increased EMS and policing resources
- Training and specialized response capabilities

Funding Expectation:

- Full funding for incremental capital and operating costs associated with increased service demand

5. Healthcare System Impacts

Trigger Conditions:

- Increased demand for primary care, acute and emergency care, and hospital services
- Increased wait times or reduced access to all care levels
- Workforce shortages intensified by project demand

Required Analysis:

- Healthcare utilization modelling
- Workforce capacity analysis
- Impacts on Indigenous populations and vulnerable groups

Mitigation Requirements:

- Investment in healthcare capacity (facilities, equipment, staffing, services)
- Workforce recruitment and retention programs
- Support for culturally appropriate healthcare services

Funding Expectation:

- Senior government and proponent-supported healthcare investments tied to project impacts



6. Social Services (Housing Support, Childcare, Social Assistance)

Trigger Conditions:

- Increased demand for subsidized housing
- Increased childcare demand exceeding available spaces
- Increased reliance on social assistance programs

Required Analysis:

- Service demand modelling
- Capacity of existing programs
- Impacts on Indigenous populations

Mitigation Requirements:

- Expansion of childcare capacity
- Increased funding for social housing and support services
- Additional resources for social assistance delivery

Funding Expectation:

- Full mitigation funding through proponent and/or senior government support

7. Labour Market and Economic Impacts

Trigger Conditions:

- Measurable labour shortages in key sectors
- Wage inflation beyond regional norms
- Displacement of workers from essential services

Required Analysis:

- Labour market modelling (local vs external workforce)
- Wage and cost-of-living analysis
- Sector-specific impact assessment

Mitigation Requirements:

- Workforce development and training programs
- Measures to protect critical services (healthcare, municipal operations)
- Local hiring and procurement strategies

Funding Expectation:

- Proponent-funded workforce and training initiatives

8. Cost of Living and Community Well-being

Trigger Conditions:

- Measurable increases in cost of living (housing, goods, services)
- Reduced access to essential services
- Increased inequality or social stress

Required Analysis:



- Cost-of-living modelling
- Community well-being indicators
- Disproportionate impact assessment

Mitigation Requirements:

- Community support programs
- Targeted supports for vulnerable populations
- Measures to stabilize housing and service access

Funding Expectation:

- Proponent-supported community mitigation funding

9. Recreation and Community Infrastructure

Trigger Conditions:

- Increased utilization beyond capacity
- Accelerated asset deterioration
- Increased operating deficits

Required Analysis:

- Usage modelling
- Asset condition impacts
- Operating cost implications

Mitigation Requirements:

- Expansion or upgrading of facilities
- Operating funding support
- Cost-sharing mechanisms for regional users

Funding Expectation:

- Capital and operating funding to offset increased demand through the proponent and senior government support. Senior government support should in the form of an annual transfer payment which mitigates the unincorporated population pressure.

10. Airport and Regional Transportation Infrastructure

Trigger Conditions:

- Increased demand for medevac, industrial, or passenger use
- Requirement for expanded services or infrastructure

Required Analysis:

- Airport utilization modelling
- Role in supporting project logistics and workforce movement

Mitigation Requirements:

- Investment in airport infrastructure and services
- Support for expanded commercial and industrial use

Funding Expectation:

- Proponent and senior government participation in airport capital and operating costs



11. Cumulative Effects and Scenario-Based Modelling

Requirement:

All mitigation measures must be based on:

- Scenario-based modelling (low, medium, high growth)
- Consideration of other regional projects (mining, energy, forestry)
- Long-term (multi-decade) impact projections

12. Monitoring, Reporting, and Adaptive Management

Requirements:

- Establishment of a Municipal Monitoring Committee including the City of Dryden
- Annual reporting on:
 - Population impacts
 - Service demand
 - Infrastructure capacity
- Defined trigger thresholds for additional mitigation
- Binding requirement for adaptive mitigation measures

13. Consultation and Data Sharing

Requirements:

- Formal, ongoing consultation with the City of Dryden
- Timely access to:
 - All modelling and analysis
 - Data used to support impact conclusions
 - Studies conducted for other jurisdictions
- Demonstration of how municipal input influences:
 - Project design
 - Mitigation measures
 - Monitoring programs

This framework reflects the City of Dryden's expectation that all project-related impacts be fully identified, quantified, and mitigated.

Mitigation must be structured so that:

- The municipality remains financially whole
- Infrastructure and services are not degraded
- Regional and Indigenous populations are not disproportionately affected