

Environmental Impact Assessment (EIA) Form

Project Title: Construction of Sunshine Highway Extension

Project Location: Green Valley, City of Clearview

Project Proponent: Clearview Department of Transportation

Section 1: Project Description

- Nature of Project:** Road construction (8 km, two-lane paved highway with drainage and signage)
- Purpose:** To improve connectivity between the industrial zone and residential areas
- Estimated Start Date:** 2025-04-01
- Estimated Completion Date:** 2026-09-30

Section 2: Baseline Environmental Conditions

- Land Use:** Agricultural fields, patches of secondary forest
- Wildlife:** Presence of local bird species and small mammals
- Water Bodies:** Two seasonal streams intersect proposed route
- Air Quality:** Currently within national standards

Section 3: Identification and Prediction of Impacts

Type of Impact	Potential Effect	Magnitude	Duration
Vegetation Loss	Clearing of approx. 2 hectares of mixed grasses and shrubs	Moderate	Permanent
Soil Erosion	Disruption along sloped segments, leading to runoff	Medium	Temporary (during construction)
Water Pollution	Potential sedimentation of nearby streams from excavation	Low to Moderate	Temporary (if not mitigated)
Wildlife Disturbance	Noise and movement during construction may affect bird and small mammal activity	Low	Temporary

Section 4: Mitigation Measures

- Revegetation plan post-construction using native species.
- Install silt fences and sediment traps near streams.
- Schedule major earthworks during dry season to reduce erosion risk.
- Limit work hours to reduce noise disturbance; avoid breeding seasons for sensitive species.
- Regular site monitoring and immediate action on any emissions or pollution incidents.

Section 5: Public Consultation

Consultations conducted with local farmers, Green Valley Community Association, and the Department of Environment and Natural Resources. Key concerns included water quality and traffic safety for school zones. All feedback has been incorporated into project planning and mitigation strategies.

Section 6: Signatures

Filled by: Jane Smith (Environmental Consultant)

Date: 2024-05-15

Reviewed by: Michael Lee (Project Manager)

Approval: Department of Environment and Natural Resources - Clearance No. 2024/ENV-1023