

Supplemental Information Request 7

Socio-economic Effects Follow-up and Monitoring

Original IR:

IR 21.2 – Socio-economic follow-up program

References:

EIS Guidelines – Section 2.8.3, p.74 (PDF 79)

CEAR # 263 -Amended Terms of Reference

Rationale:

Although the EIS recognizes the importance of the socio-economic effects of the Project, plans for monitoring socio-economic effects or ensuring overall socio-economic benefits to the potentially affected communities were not included. SCI was requested to provide a conceptual follow-up and monitoring program, including appropriate indicators, to verify the predictions in the EIS regarding the potential socio-economic effects of the Project.

In its response, SCI states that “the provision of such services and infrastructure falls within the remit of governments...” and as such it is not the responsibility of the proponent to implement such programs.

In Section 2.8.3 the EIS Guidelines state that “the EIS shall outline a follow-up and effects monitoring program, designed to verify the accuracy of the conclusions of the environmental assessment and to determine the effectiveness of the measures implemented to mitigate the adverse environmental effects of the Project. The follow-up and effects monitoring program will also support the implementation of adaptive management measures to address previously unanticipated adverse environmental effects”

The Panel is required to prepare and submit to the federal Minister of the Environment and the provincial Minister of the Environment a report that includes any recommended mitigation measures and follow-up programs on potential changes to the Environment, including socio-economic issues (ToR; Section 3.15). The assessment by the Panel must include a consideration of subsection 6.1(2) of the Ontario *Environmental Assessment Act* and section 19 of the *Canadian Environmental Assessment Act, 2012*. This includes the requirements of any follow-up programs in respect of the Project (ToR; Section 2.2(xi)).

Further information on the follow-up and monitoring of socio-economic effects is needed.

Information Request:

Provide information on the design of a conceptual monitoring and follow-up program that will allow SCI to assess the actual socio-economic effects against the predictions, as well

as to measure the effectiveness of proposed mitigation measures. The program should include key performance indicators and a monitoring strategy.

SCI Response:

Following as requested is information on the design of a conceptual monitoring program. This conceptual program has been reviewed with both the Town of Marathon and Pic River First Nation (PRFN). Further consultation with both is anticipated as the conceptual program details are finalized and implemented. It is anticipated that this monitoring program will be a core element of project implementation committees with both the Town and PRFN.

The socio-economic effects monitoring and follow-up program concept will see SCI collaborate in the collection and review of relevant indicators with relevant departments and agencies responsible for the management of social and economic programs.

Monitoring will commence at the start of Project activity and continue for the life of Project, but draw on pre-Project baseline data. The frequency of monitoring will be established in consultation with the relevant departments/agencies, but is anticipated to be more frequent during the construction phase than the operations phase. The geographic area(s) that will be monitored will be specific to each topic, and will again be established in consultation with the relevant departments/agencies, so as to ensure consistency with their data collection areas. The geographic areas monitored will have regard to the locations where SCI project employees are located. At this point it is anticipated that the socio-economic monitoring program will include the Town of Marathon, Terrace Bay, Manitouwadge, Pic River First Nation as the most proximate First Nation community and other First Nation communities as appropriate and determined in consultation with those communities. Any Metis people who live in local communities such as Marathon should be captured by consultation with local agencies, although the Red Sky Métis Independent Nation and the MNO will also be consulted, in particular on demographic information.

Pic River as the most proximate First Nation community has indicated that it will participate in the design and collection of information, and participate in the interpretation of the results from the monitoring program. These results will be shared through community meetings and routine information sharing protocols.

The indicators used will similarly be established in collaboration with the relevant departments/agencies so as to ensure the information is of greatest use in the understanding and management of effects, including consistency with the existing monitoring and management measures of the agencies/departments. This will also permit the development of time series covering the pre- and post-Project commencement periods, and thus a measure of change from the baseline conditions.

The monitoring data so gathered will be assessed in conjunction with SCI-provided information about direct Project effects as appropriate, thereby establishing the Project's direct contribution to overall change.

A preliminary list of the relevant departments/agencies and indicators and SCI-provided information is provided below for each of the potential socio-economic effects of interest:

Demography

Departments/agencies:

a) Marathon/Terrace Bay/Manitouwadge

- Statistics Canada

b) First Nations

- Aboriginal Affairs and Northern Development Canada
- Relevant First Nations Community
- Employment and Social Development Canada (Human Resources and Skill Development Canada)
- Ministry of Aboriginal Affairs
- Statistics Canada
- Métis Nation of Ontario
- Red Sky Métis Independent Nation

Preliminary indicators: Population, by gender and main age groups (0-14, 15-24, 25-44, 45-64, 65+)

SCI data provision: Total Project direct employment, by family status, size and ages, by place of hire

Housing

Departments/agencies:

a) Marathon/Terrace Bay/Manitouwadge

- Ontario Ministry of Municipal Affairs and Housing
- Marathon Non Profit
- Manitouwadge Property Management Housing Rentals
- Rural Native Housing Program
- Manitouwadge Municipal Housing Corporation
- Thunder Bay District Housing Corporation
- Marjorie House
- Canadian Real Estate Association

b) First Nations

- Ontario Aboriginal Housing

- Ministry of Municipal Affairs and Housing
- Aboriginal Affairs and Northern Development Canada
- Ministry of Aboriginal Affairs
- Local First Nation Communities

Preliminary indicators: Vacancy rates for owner-occupied and rental units; average house prices and rents; hotel/motel vacancy rates

SCI data provision: Total Project direct employment by community of residence and housing tenure

Education and training (school, college)

Departments/agencies:

a) Marathon/Terrace Bay/Manitouwadge

- Ontario Ministry of Education
- Ontario Ministry of Training Colleges and Universities
- Superior Greenstone DSB
- Holy Saviour Catholic School – English Catholic
- Superior North Catholic DSB
- Conseil scolaire Public du Grand Nord de L’Ontario
- Conseil scolaire de district catholique des Aurores Boreales
- Confederation college
- Contact North
- Marathon Adult Literacy centre
- Northwest Employment Works
- Schreiber/Terrace Bay Adult Learning Association

b) First Nations

- Pic River First Nation and other First Nation communities as appropriate
- Local school boards listed above
- Ministry of Aboriginal Affairs
- Anishinabek Education Institute

Preliminary indicators: Numbers of students; classroom sizes, (if available) unused school/college capacity, daycare capacity. Also number of people trained for mine-related work, and the travel costs associated with training.

SCI data provision: Total Project direct employment, by family status, size and ages

Community infrastructure (utilities, water, sewage, solid waste)

Departments/agencies:

a) Marathon

- Town of Marathon Administration, Works and Operations and Planning Departments
- Ontario Clean Water agency
- Ontario Hydro

b) First Nations

- Pic River First Nation and other First Nation communities as appropriate
- Health Canada (water treatment and sewage)
- Ministry of Environment (water treatment and solid waste)
- Ministry of Natural Resources (solid waste)
- Aboriginal Affairs and Northern Development Canada
- Ministry of Aboriginal Affairs

Preliminary indicators: Utilization rates and preferably unused capacity information for existing infrastructure.

SCI data provision: Direct Project requirement for water, sewage treatment and solid waste infrastructure, if any

Community services (*social, recreation*)

Departments/agencies:

a) Marathon/Terrace Bay/Manitouwadge

- Marathon/Terrace Bay/Manitouwadge Parks and Recreation Departments/Staff
- Marathon Cross Country ski club
- Ontario Ministry of Tourism, Culture and Recreation
- Parks Canada (Pukaskwa National Park)
- Aguasabon Golf Course
- Penn Lake Park

b) First Nations

- Local service providers listed above
- Pic River First Nation, Pic Mobergt First Nation (re White Lake), other First Nation communities as appropriate

Preliminary indicators: Utilization rates and preferably unused capacity information for existing services and facilities including demand and use of social services relating to addictions and family services.

SCI data provision: Total Project direct employment, by family status, size and ages

Health services

Departments/agencies:

a) Marathon

- Wilson Memorial Hospital
- Marathon Family Health Team
- Thunder Bay District Health Unit
- Marathon Chiropractic Clinic
- Marathon Dental Clinic
- Dr. Albus Dental Office
- Mental Illness Support Program
- Superior North Victim Services
- Integrated Services for Northern Children (ISNC)
- Ontario Ministry of Health
- Children's Aid Society

b) Terrace Bay

- Wilkes Terrace Long-Term Care Facility
- McCausland Hospital
- Handy Transit
- Northshore Family Health Team
- Mountainview Dental Office
- Terrace Bay Chiropractic Office

c) Manitouwadge

- Manitouwadge General Hospital
- Manitouwadge Medical Clinic
- Dentistry Lake Superior Smiles

d) First Nations

- Pic River First Nation and other First Nation communities as appropriate
- Local hospitals and service providers listed above
- Ontario Ministry of Community and Social Services
- Ministry of Aboriginal Affairs

Preliminary indicators: Clinic visits; hospital visits and bed occupancy. Demand for and deployment of community nurse home-visits.

SCI data provision: Total Project direct employment, by family status, size and ages

Emergency services (*fire, police, and ambulance*)

Departments/agencies:

a) Marathon/Terrace Bay/Manitouwadge

- Superior North Emergency Services (EMS) – Ambulance
- Marathon Emergency Services Department – Fire
- Marathon/Terrace Bay/Manitouwadge OPP

b) First Nations

- Pic River First Nation and other First Nation communities as appropriate
- Local service providers listed above
- Ministry of Aboriginal Affairs

Preliminary indicators: Number of emergency calls, by type; crime rate

SCI data provision: Total Project direct employment, by family status, size and ages; Project safety and security incident information

Traffic/Transportation

Departments/agencies:

a) Marathon/Terrace Bay/Manitouwadge

- Town of Marathon
- Ontario Ministry of Transportation
- Marathon Municipal Airport
- Town of Terrace Bay
- Town of Manitouwadge
- CPR
- Ontario Provincial Police

b) First Nation

- Pic River First Nation and other First Nation communities as appropriate

Preliminary indicators: Traffic flows on strategic highways and roads and use of traffic infrastructure which may have Project-related effects

SCI data provision: Commute and commercial vehicle movement to/from Project site

Employment and income

Departments/agencies:

a) Marathon/Terrace Bay/Manitouwadge

- Ontario Ministry of Training Colleges and Universities
- Ontario Ministry of Economic Development, Trade and Employment
- Employment and Social Development Canada
- Statistics Canada

b) First Nations

- Pic River First Nation, Pic Moberg First Nation, Pays Plat First Nation
- Aboriginal Affairs and Northern Development Canada
- Ministry of Aboriginal Affairs

Preliminary indicators: Employment, unemployment and participation rates, and average incomes, including by Aboriginal status

SCI data provision: Total Project direct employment by occupational categories

Business development

Departments/agencies:

a) Marathon

- Marathon Economic Development Corporation

b) Terrace Bay

- Terrace Bay Economic Development Corporation
- Superior North CFDC

c) Manitouwadge

- Manitouwadge is currently seeking an EDO

d) First Nations

- Community specific
- Aboriginal Affairs and Northern Development Canada

- Ministry of Aboriginal Affairs
- Nishnawbe Aski Development Fund

Preliminary indicators: Business startups, building permits

SCI data provision: Total Project direct employment by occupational category; value of Project contracts awarded by location of contractor

Culture and Aboriginal Considerations

Impact to harvesters, country foods and culture

Departments / agencies

Community specific First Nations / Metis groups

Preliminary indicators

Using existing baseline data, track ability of harvesters to relocate elsewhere. Level and change of harvesting in proximity to the mine site. Tracking of third party use of the local study area surrounding the Project Site and the cumulative impacts of these uses on harvesting and community cultural activities.