1700 through 1960s
Traditional Way of Life
(Traditional Activities)

Community supported by mixed economy of hunting, trapping, gathering, sale of furs; later, some seasonal wage work

Select Traditional Activities Measured:
Hunting, Trapping, Fishing, Berry Picking, Education, Visiting, Raising Children, Fort McKay Community Work, Work for Industry

Pre-Development Baseline (1960s)

Direct
Oil Sands Industry Stressors

Loss of Land (e.g., land disturbance)
Pollution (e.g., impacts to air and water quality)
Industrial Water Use (e.g., decreased water quantity)

Oil Sands Industry Stressors

In-Direct
Access to Land (e.g., decreased access for Community hunters, trappers, gatherers)
Increased Non-Aboriginal Population (e.g., increased presence of non-Community members using the land)

Select Traditional Activities Impacted

Hunting, Trapping, Fishing, Gathering

Activities fueled by Regional Industrial Development (1960s–2008)
Work for Industry, Work for Fort McKay

Select Traditional Activities Impacted

Raising Children, Education, Visiting

Stressors on Traditional Activities from Industrial Development & Examples of Measuring Change in Industry Stressors

Access to Land (e.g., increased linear disturbance, changes to Traditional Trails)
Loss of Land (e.g., changes to wildlife habitat and plant gathering areas)
Pollution (e.g., impacts to groundwater quality, industry affects on air quality)
Wage Economy (e.g., # of Community members working for industry)
Increased Population (e.g., regional population growth, # of hunting permits)
Industrial Water Use (e.g., change in flow and % of disturbance in watershed)

Current Case (2008)

Stressors on Traditional Activities from Industrial Development & Examples of Measuring Change in Industry Stressors

Hunting Changes - Impacts on Core Cultural Values (how impacts on cultural heritage are measured)

Trapping Changes - Impacts on Core Cultural Values (how impacts on cultural heritage are measured)

Fishing Changes - Impacts on Core Cultural Values (how impacts on cultural heritage are measured)

Gathering Changes - Impacts on Core Cultural Values (how impacts on cultural heritage are measured)

Figure 7-2: Pathways of Industrial Impacts on the Culture of Fort McKay