

Environment

Based on a respect for and commitment to the environment, this domain refers to the knowledge and resources necessary to manage the impact of development, both within and outside the community, and to ensure the environment is protected for future generations.

Indicators:

Respect for the Environment

Valuing Natural Resources

no indicators proposed

Commitment

1 – community clean-ups

Impact of Development

Pollution

2 – air quality

3 – water quality

4 – levels of pollutants

Environmental Clean Up

5 – clean up agreements in place

Community Sustainability

6 – decrease in fish/wildlife populations

Indicators #2, #3

Jurisdiction

no indicators proposed

Resource Protection

Monitoring

7 – monitoring programs in place

Enforcement

8 – conservation officers per sq. kms.

Jurisdiction

9 – funds available for EHO monitoring

Expertise

10 – funding from SERM

11 – EHO to interpret reports

Human Health

Environmental

12 – # forest fires near community

13 – health effects of fire smoke

Structural

14 – accidents in home

Environment

Environment >> Respect for the Environment >> **Valuing Natural Resources**

Issues Identified: *An appreciation for the beauty and resources that the land, water, fish and animals provide to current and future generations.*

Indicator #	Community Proposed Indicator	Community Level Data Sources (suggestions)
	None proposed	Local survey required

Data Sources:

No indicator/survey source at this time

Environment

Environment >> Respect for the Environment >> **Commitment**

Issues Identified: *Communities have a commitment to respect and protect the environment.*

Indicator #	Community Proposed Indicator	Community Level Data Sources (suggestions)
1	Community clean-ups	Local survey required

Data Sources:

No indicator/survey source at this time

Environment

Environment >> Impact of Development >> **Pollution**

Issues Identified: *Industry (mines), population increase (residents and tourists) and lack of proper waste management systems at the community level are sources of land, air and water pollution.*

Indicator #	Community Proposed Indicator	Community Level Data Sources (suggestions)
2	Air quality	Existing data found at: A) http://www.cri.ca >> Our communities >> Scroll down: Choose your community (if available - Black Lake, Camsell Portage, Fond du Lac, Stony Rapids, Uranium City, Wollaston Lake)
3	Water quality (safe to drink the lake water)	Existing data found at: A) http://www.cri.ca >> Our communities >> Scroll down: Choose your community (if available - Black Lake, Camsell Portage, Fond du Lac, Stony Rapids, Uranium City, Wollaston Lake) B) Uranium Mining Cumulative Effects Monitoring Program 2002 Annual Report – Table 8 – No current online source
4	Levels of pollutants (uranium)	Existing data found at: C) http://www.se.gov.sk.ca >> environment >> environmental protection >> land >> abandoned mines

x – suppressed to meet the confidentiality requirements of the Statistics Act

Data Sources:

A) Athabasca Working Group Environmental Monitoring Program 2003
Find source at: <http://www.cri.ca/communities/index.html>

B) Canada North Environmental Services & Zajdlik & Associates. (May, 2003). Uranium mining cumulative effects monitoring program 2002 annual report. Saskatoon: Saskatchewan Environment; La Ronge, Saskatchewan (Project no.1038)

C) An Assessment of Abandoned Mines in Northern Saskatchewan (Year Two) May 2002
Find source at: <http://www.se.gov.sk.ca/environment/protection/land/R3278%20report%20no%202.pdf>

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Environment

Environment >> Impact of Development >> **Environmental Clean Up**

Issues Identified: *Determining who is responsible for the cleanup of abandoned industrial sites (contaminated soil, materials & equipment) and spills is challenging because of the many jurisdictions involved including local bands and municipalities, provincial and federal governments and industry.*

Indicator #	Community Proposed Indicator	Community Level Data Sources (suggestions)
5	Clean-up agreements in place	Local survey required

Data Sources:

No indicator/survey source at this time

Environment

Environment >> Impact of Development >> **Effects of Community Sustainability**

Issues Identified: *Changes in landscape, wildlife habitat, air and water quality can affect the sustainability of communities at the most basic level – a livable environment.*

Indicator #	Community Proposed Indicator	Community Level Data Sources (suggestions)
6	Decrease in fish and wildlife populations	Existing data found at: A) http://www.se.gov.sk.ca >> Fish & Hunt >> Status and Management of Wildlife in Saskatchewan, 1999-2001 (PDF)
	Water quality	See Indicator 3
	Air quality	See indicator 2

x – suppressed to meet the confidentiality requirements of the Statistics Act

Data Sources:

A) Status and Management of Wildlife in Saskatchewan, 1999-2001
Find source at: <http://www.se.gov.sk.ca/fishwild/SWM99-01.pdf>

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Environment

Environment >> Impact of Development >> **Jurisdiction**

Issues Identified: *In addition to developmental impacts within their jurisdiction, communities sustain the developmental impacts from decisions made in other jurisdictions over which they have no control.*

Indicator #	Community Proposed Indicator	Community Level Data Sources (suggestions)
	None proposed	Local survey required

Data Sources:

No indicator/survey source at this time

Environment

Environment >> Resource Protection >> **Monitoring**

Issues Identified: *Monitoring of air and water quality, wildlife habitat, and waste management is required to protect the environment.*

Indicator #	Community Proposed Indicator	Community Level Data Sources (suggestions)
7	Monitoring programs in place	<p>Existing data found at:</p> <p>A) Uranium Mining Cumulative Effects Monitoring Program 2002 Annual Report – Table 8 – No current online source</p> <p>B) Athabasca Working Group Environmental Monitoring Program 2002: <i>Pollution levels for local water; wildlife; air; plants</i> - http://www.cri.ca >> <i>Our communities</i> >> Scroll down: <i>Choose your community (if available - Black Lake, Camsell Portage, Fond du Lac, Stony Rapids, Uranium City, Wollaston Lake</i></p> <p>C) Status and Management of Wildlife in Saskatchewan 1999-2001: Provincial wildlife counts - http://www.se.gov.sk.ca >> <i>fish</i> >> <i>Status and Management of Wildlife in Saskatchewan, 1999 – 2001</i></p> <p>D) An Assessment of Abandoned Mines in Northern Saskatchewan – Safety ranking for mines sites on pages 5, 6, 7 – http://www.se.gov.sk.ca >> <i>environment</i> >> <i>environmental protection</i> >> <i>land</i> >> <i>abandoned mines</i></p>

Data Sources:

A) Canada North Environmental Services, Zajdlik & Associates. (May, 2003). Uranium Mining Cumulative Effects Monitoring Program 2002 Annual Report. Saskatoon: Saskatchewan Environment; La Ronge, Saskatchewan

B) Athabasca Working Group Environmental Monitoring Program 2003
Find source at: <http://www.cri.ca/communities/index.html>

C) Status and Management of Wildlife in Saskatchewan, 1999-2001
Find source at: <http://www.se.gov.sk.ca/fishwild/SWM99-01.pdf>

D) An Assessment of Abandoned Mines in Northern Saskatchewan (Year Three)
Find source at: <http://www.se.gov.sk.ca/environment/protection/land/R3278%20report%20no%202.pdf>

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Environment

Environment >> Resource Protection >> **Enforcement**

Issues Identified: *An adequate number of conservation officers is needed to enforce environmental regulations in the region, especially with the increase in hunting and fishing camps.*

Indicator #	Community Proposed Indicator	Community Level Data Sources (suggestions)
8	# of conservation officers (per square kms)	Existing data found at: A) http://www.se.gov.sk.ca >> Corporate >> Contacts and Office Locations >> Select Prince Albert for northern contacts

Data Sources:

A) Saskatchewan Environment contacts – contact information for provincial environment representatives
Find source at: <http://www.se.gov.sk.ca/corporate/ContactList>

Environment

Environment >> Resource Protection >> **Jurisdiction**

Issues Identified: *The lack of an integrated approach by various jurisdictions dealing with the same issue prevents needs from being met.*

Indicator #	Community Proposed Indicator	Community Level Data Sources (suggestions)
9	<p>Funds available for an EHO to monitor area regardless of jurisdiction</p>	<p>Existing data found at: A) http://www.se.gov.sk.ca >> corporate >> contacts and office locations >> Select Prince Albert for northern contacts</p>

Data Sources:

A) Saskatchewan Environment contacts – contact information for provincial environment representatives - Find source at: <http://www.se.gov.sk.ca/corporate/ContactList>

Environment

Environment >> Resource Protection >> **Expertise**

Issues Identified: *There is a need for long-term land use planning and management of environmental impacts from industry; communities require access to expertise to help interpret the environmental reports they receive.*

Indicator #	Community Proposed Indicator	Community Level Data Sources (suggestions)
10	Funding from SERM	Local survey required
11	Availability of EHO to help community members interpret reports	Existing data found at: A) http://www.se.gov.sk.ca >> corporate >> contacts and office locations >> Select Prince Albert for northern contacts

Data Sources:

A) Saskatchewan Environment contacts – contact information for provincial environment representatives
Find source at: <http://www.se.gov.sk.ca/corporate/ContactList>

Environment

Environment >> Human Health >> **Environmental**

Issues Identified: *Effects of forest fires on air quality.*

Indicator #	Community Proposed Indicator	Community Level Data Sources (suggestions)
12	# of forest fires near the community	Existing data found at: A) http://www.se.gov.sk.ca >> Fire >> Current wildfire activity >> Fires to date
13	Health effects of forest fire smoke on community health	Local survey required

Data Sources:

A) Information regarding forest fires
Find source at: <http://www.se.gov.sk.ca/fire/>

Environment

Environment >> Human Health >> **Structural**

Issues Identified: *Effects of housing (and other structural) quality on human health, including accidents due to houses in disrepair and health hazards such as black mold.*

Indicator #	Community Proposed Indicator	Community Level Data Sources (suggestions)
14	# of accidents in the home	Local survey required

Data Sources:

No indicator/survey source at this time