

## SCHEDULE A

# Integrated Community Sustainability Plan

Village of Telkwa  
Bylaw No. 613-2011



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# 1.0 PREFACE

## 1.1 Background

In 2010, Telkwa’s Mayor and Council took a leadership role within the region by initiating the development of an Integrated Community Sustainability Plan (ICSP) combined with community’s OCP and Zoning Bylaw update process. A coordinated approach towards long-term planning will provide on-the-ground actions that are strategic and in-sync with guiding policy objectives.

## 1.2 What is an ICSP?

An Integrated Community Sustainability Plan (ICSP) is an overarching framework used by ALL stakeholders involved in implementing Telkwa’s Vision in a sustainable manner. It guides decision-making and planning processes over a long-term planning timeframe. Figure 1.1 shows how an ICSP relates to two subsequent planning documents that guide both land-use policy (OCP) and implementation (Zoning).

<p><b>ICSP</b> Integrated Community Sustainability Plan</p>	<p>FRAMEWORK</p>	<ul style="list-style-type: none"> <li>• Shared vision</li> <li>• ID Network</li> <li>• Macro-indicators</li> </ul>	<p>WHY</p>
<p><b>OCP</b> Official Community Plan</p>	<p>MEAT ≠ POTATOES</p>	<ul style="list-style-type: none"> <li>• Policies and regulations</li> <li>• Maps</li> <li>• Targets</li> <li>• Goals</li> </ul>	<p>WHERE WHAT WHEN</p>
<p><b>ZONING</b> Bylaw</p>	<p>IMPLEMENTATION TOOL</p>	<ul style="list-style-type: none"> <li>• Setbacks</li> <li>• Height</li> <li>• Land use</li> <li>• Density</li> </ul>	<p>HOW</p>

Figure 1.1 – ICSP Framework

**WE ARE TELKWA**, the slogan of the ICSP process, spoke to the ICSP as being the first time Telkwa purposely collaborated together, as a community, and formed a long-term perspective on the future in an interconnected manner. The **WE ARE TELKWA** process encourages residents, businesses and organizations to ask three questions:

1. What does it mean to be a part of Telkwa?
2. What does sustainability look like in Telkwa in 50-100 years?
3. How do I or the organization I work with fit into the implementation of the community’s vision?

The main working principles of WE ARE TELKWA are:

1. **DESIGN A COMPASS:** Create a shared-vision & identify common principles;
2. **CONNECT THE DOTS:** Look at issues in an interrelated manner;
3. **BE A TEAM:** Share long-term strategies between organizations;
4. **OPEN DOORS:** Foster a network to encourage capacity building & knowledge sharing;
5. **SAVE MONEY:** Share resources (i.e. facilities, staff, services, data etc); and
6. **MEASURE-IT:** Identify indicators to measure progress & success.

### 1.3 Planning Process

The ICSP was completed in parallel with the Official Community Plan Review, and incorporated long-term sustainability content into the majority of the community engagement events and processes in order to form a continuum towards Telkwa's community planning. These engagement exercises centered on three outcomes: 1) Education and awareness towards sustainability planning; 2) Public input and collaboratively inventorying the current baseline and desired future; and 3) Validating information and developing suitable solutions.



The following sources of information were used to the guide development of the ICSP:

- ✓ Community Visioning Night
- ✓ Sustainability-based questions in the OCP Resident Community Survey
- ✓ Interviews with stakeholders
- ✓ Best management practices
- ✓ TESC (Telkwa Environmental Sustainability Committee)

The community members of Telkwa should view the current ICSP is a starting point for future leaders to engage with, and build on, the plan to create a continual practice of integrated sustainability planning.

## 1.4 Framework for Sustainability Planning

Sustainability is a broad and complex topic, and in order to create a level of structure to navigate goals, strategies, and actions effectively, a five-level framework was used to navigate the multi-dimensional content.

The five levels allow stakeholders to identify what level they are working at, and whether their initiative is comprehensive and aligned with the end-goal that was defined collectively. By using this structure, future decisions will automatically be congruent and work together as a whole, rather than sporadic implementation.

**1. CURRENT CONTEXT = knowing where we are now**

**2. SUCCESS = vision of desired future**

**3. STRATEGY = criteria, collaborative**

**4. ACTIONS = measures towards success**  
*(return on investment, in the right direction, flexible platform)*

**5. TOOLS = technology, organizational structures, communication**

*Figure 1.2 - Sustainability Framework*

Figure 1.2 illustrates how each level speaks to a scope of the larger system being planned. It is possible for certain items to fall within more than one level. For instance, a software program used to monitor a set of indicators for the strategic action plan would be viewed as a TOOL that is continually updating the CURRENT CONTEXT and helping track the results at the ACTION level.



# 2.0 CURRENT CONTEXT

An effective way to lead social change towards sustainability is understanding where we are now and identifying the associated roles of stakeholders that are needed to support long-term sustainability.

## 2.1 Context of Telkwa in the Biosphere

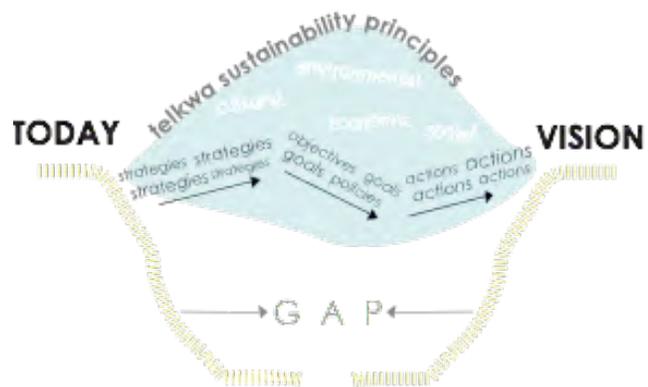
Telkwa is a rural community found within the Bulkley River watershed located in BC, Canada. The village consisting of roughly 1400 people provides a mixture of residential typologies, sport & recreation opportunities, community services and small-scale commercial and industrial business to residents of Telkwa and the surrounding area (Round Lake, Quick). The largest urban area within the region, Smithers, is approximately 15km away. The largest river in the watershed, the Bulkley River, runs through Telkwa. Tyhee Lake Park one of the larger Provincial Parks, neighbors to the north, and two of the biggest transportation routes for the Peace Region, Highway 16 & the CN Rail Line, transect Telkwa’s urban boundary.

All of these components that make up Telkwa or which operate within its boundary, also operate in the biosphere. The definition of the biosphere states, “The parts of the land, sea, and atmosphere in which organisms are able to live. The biosphere is an irregularly shaped, relatively thin zone in which life is concentrated on or near the Earth's surface and throughout its waters”.

The ecological services and networks of organisms found within the earth’s biosphere are also what supports all economies around the world, and therefore is as a key component to sustaining humans’ fundamental needs for future generations. It is currently being demonstrated in communities across Canada and around the world that people are able to strategically design their places of work, home and play to operate in a manner that respects the natural laws found in the biosphere (law of conservation, law of thermodynamics, etc).

## 2.2 Current Reality

The current reality is a snapshot depicting how various Telkwa-based activities are increasingly moving the community towards a future of unsustainability. The baseline developed by the community provides



the first step required to define the gap within the long-term planning period (50+ years). By identifying the gap, a starting point for change is created to help highlight linkages and feedbacks.

For the purposes of the ICSP, unsustainability has been divided into 4 realms:

1. Dependence on fossil fuels and virgin metals & minerals
2. Pollutants and toxicity
3. Fragmentation of ecological services
4. Undermining fundamental human needs

### **2.2.1 Activities that are Unsustainable in Telkwa**

#### **A – Dependence on fossil fuels and virgin metals & minerals**

- ✓ Increasing rates of fossil fuel use
- ✓ Senior government’s interest in continued development of fuels that produce CO2
- ✓ Coal bed methane (potential exploration)
- ✓ Travel to Smithers for services/transportation
- ✓ Enbridge pipeline

#### **B – Pollutants and toxicity**

- ✓ Driving to Smithers
- ✓ Unregulated smoke and burning practices
- ✓ Landfill waste (leachate)
- ✓ Toxicants found in wastewater (pharmaceuticals, plastics)
- ✓ Bottled water
- ✓ Industry close to river (onsite stormwater, spills)
- ✓ Agricultural runoff (pesticides, herbicides, etc)

#### **C – Fragmentation of ecological services**

- ✓ Industrial development along the rivers
- ✓ Depletion of ground-water wells
- ✓ Increasing deforestation (related to climate change and pine beetle)
- ✓ Economic dependence on resource extraction
- ✓ Subdivision development destroying habitat
- ✓ Loss of agricultural land to development
- ✓ Low density residential development

#### **D – Undermining fundamental human needs**

Lack of:

- ✓ Infrastructure for youth
- ✓ Community support and involvement
- ✓ Diversity in housing alternatives
- ✓ Regional food security

- ✓ Public gathering places
- ✓ Progressive community leadership
- ✓ Business incentives to enable local businesses to stay and thrive
- ✓ Indoor recreation and arts and culture
- ✓ Resources and services creates unsustainable lifestyle
- ✓ Safety – RCMP live in Telkwa but we do not have a RCMP presence actively patrolling the community

### **2.3 Building an integrated stakeholders network**

Engaging stakeholders is a critical component of the ICSP process. It serves as a link which ties the ICSP framework to on-the-ground actions. Discussions were conducted with both government-based stakeholders and non-government stakeholders in order to provide a better representation of the needs, issues, concerns, and vision of the community. It was also important to inventory which organizations were operating under a strategic plan, and whether it spoke to a 25 year planning timeframe and sustainability. Some of the organizations that were consulted during the ICSP process included:

- ✓ Northern Health
- ✓ Village of Telkwa
- ✓ Telkwa Environmental Sustainability Committee (TESC)
- ✓ School District No.54
- ✓ Valley Vision
- ✓ Telkwa Community Initiatives Society (TCIS)
- ✓ Smither's Transit
- ✓ Bulkley Valley Stewardship Coalition
- ✓ BC Ministries (MoE, MoT)

#### **2.3.1 Highlights from ICSP discussions:**

- ✓ Opportunities exist to pursue shared-spaces and capacity building resources with regional agencies (i.e. hub space, community sustainability outreach position, etc). Telkwa is a small community, which still demands many of the same services of any urban area and therefore unique characteristics for delivering community-based services (health clinic, education, retail/commerce, business support services) are required. It was recognized by several stakeholders that by creating a hub of services, where many activities could take place in one site, would lessen operational costs, transportation issues and allow for sharing facilities and staff.
- ✓ A gap exists in long-term planning in the area (most organizations are following 5 year strategic plans, but nothing long-term). Not all organizations have a strategic plan that guides the activities affecting Telkwa's community development and few work under the strategy of sustainability. No stakeholder groups consulted utilize anything longer than a 5 year plan.

- ✓ Overall, residents desire a future that includes life-long learning opportunities, local health services and an inter-modal transportation system. Telkwa is located close enough to Smithers to be able to attract sufficient services and professionals to be able to deliver a set of rural-based options to its residents and businesses. Residents identify Telkwa as a place to raise a family in and age-in-place, and therefore demand a full spectrum of services and amenities.
- ✓ Common perspectives exist regarding Telkwa’s growth and economy being heavily influenced by a bedroom community-style relationship with Smithers. The majority of concern is directed towards the approach of the development community, as residents view growth as an opportunity to acquire suitable amenities and services to achieve sustainability.

### **2.3.2 Additional common threads resulting from ICSP stakeholder consultation:**

- ✓ Sustainability Checklist for evaluating incoming development applications and policy development;
- ✓ Green necklace – connecting trails and greenspace around the village centre;
- ✓ Connecting pedestrian nodes (School/Norma’s ark, Eddy Park, barbeque lands);
- ✓ Build on heritage & cultural themes;
- ✓ The downtown area creates a central space for surrounding neighbourhoods;
- ✓ Compliments Smithers (recreation, music, seniors, festivals, used to be restaurants);
- ✓ RV/parking/Pull-off; and
- ✓ Eddy Park (one of the most photographed areas in the Bulkley Valley).

### **2.4 Capacity Building towards Sustainability**

The level of engagement achieved was seen as a starting point with the idea that eventually a more hands-on approach towards implementing a shared-vision would take place in Telkwa and the Bulkley Valley. For instance Telkwa’s sustainability initiative could include an “Early Adopters” program recognizing local businesses and organizations which step forward to incorporate the values and the strategy of moving Telkwa, as a community, towards a more sustainable future into their own operations and endeavours. This leads to partnerships, innovation, new enterprises and better communication between industry and healthy competition. The network can continue to expand over time, some additional organizations that would offer positive feedback and knowledge to share include:

- ✓ Town of Smithers
- ✓ Smithers Community Services
- ✓ Smithers Transit
- ✓ Hudson Bay Mountain
- ✓ Regional District of Bulkley-Nechako

- ✓ Bulkley Valley Stewardship Coalition
- ✓ BC Ministries (MoE, MoT)
- ✓ Wet'suwet'en Nation
- ✓ Northern Health
- ✓ School District No.54
- ✓ Valley Vision

**Strategies for building stronger networks include:**

- ✓ Celebrate victories
- ✓ Create a level of self-organization (let the groups create their own approach towards the sustainability initiative)
- ✓ Annual or biannual check-in sessions for the ICSP implementation
- ✓ Leadership training;
- ✓ Create a solid contact database; and
- ✓ Integrate existing planning processes.

## **2.5 Integration**

As mentioned earlier, there are additional planning exercises that are happening at various levels, based on scope, sector, or a specific desired result. It is important to understand what other plans are in operation in order to tie-in simultaneous strategies and actions related to the ICSP. The current ICSP has been developed in parallel with the Telkwa's Official Community Plan update and is intended to guide subsequent plans such as:

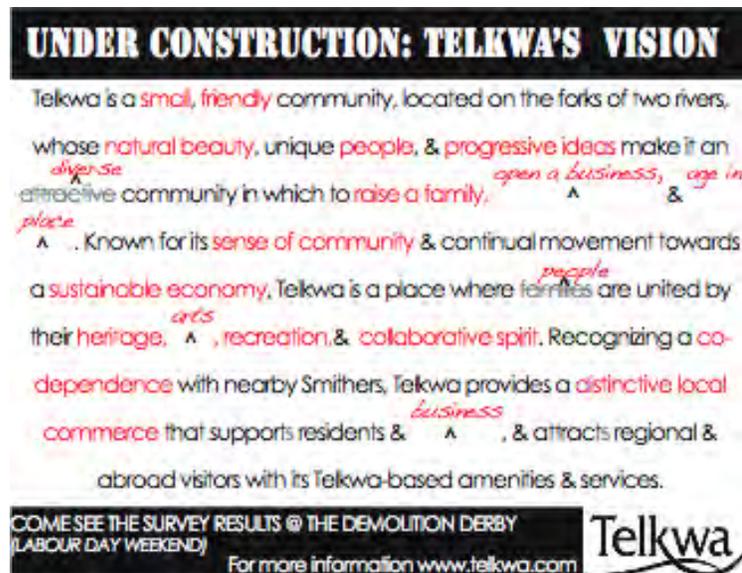
- ✓ Strategic Plans
- ✓ Corporate Plans
- ✓ Official Community Plan
- ✓ Affordable Housing Action Plan
- ✓ Utility Master Plan
- ✓ Recreation Master Plans
- ✓ Community Energy Plans
- ✓ Transportation Plan
- ✓ Economic Development Strategies

# 3.0 SUCCESS

Success can only be realized with a clear purpose and strategy, where both the individual/organization and the community are striving towards the shared vision of sustainability.

## 3.1 Vision

The shared-vision was created by the community of Telkwa during the “We Are Telkwa” process. A vision acts as concise statement describing the desired future. The following vision for Telkwa reads as if you were standing on the streets of Telkwa in 2036.



## 3.2 Definition of Sustainability

Having a reference point to measure and evaluate actions back to an end-goal, results in strong continual improvement. In order to move towards sustainability, a common definition needs to be in place to ensure accountability, progress and efficient communication. The community of Telkwa defined sustainability as:

- ✓ Living as though the earth matters;
- ✓ My dollars going to my neighbour and vice versa. Not having to spend outside of my community;
- ✓ Anything that is healthy and beneficial over a very long period of time (25 yrs);
- ✓ A future for my kids;
- ✓ Community that continues in a vibrant and healthy growth;
- ✓ Don't waste, re-use things as much as possible;
- ✓ Living without depleting;
- ✓ Educated citizens working towards sustainable environmental practices, economics, education and culture;
- ✓ It never runs out in my lifetime (fish, clean water);
- ✓ Having enough industry to sustain;
- ✓ Not demanding / consuming resources continually;
- ✓ Minimizing waste production;

- ✓ Long term lifestyle and way of living that supports and nurtures people, community, natural earth and the local economy;
- ✓ Input = output;
- ✓ Progressive thinking;
- ✓ Neighborhoods' supporting each other to work recreate, eat, etc. with minimum negative impacts;
- ✓ Utilizing local resources in a creative, sustainable way to foster the growth of local business and economic opportunity; and
- ✓ A prosperous, environmental, caring community that supports itself.

### 3.3. Definition of Success

The Village of Telkwa, its community members and regional stakeholders acknowledge its integrated relationship to the Bulkley Valley and the larger global biosphere and therefore are committed to the long-term goal of continually moving towards a future that strategically lessens:

1. Dependence on fossil fuels and virgin metals & minerals
2. Pollutants and toxicity
3. Fragmentation of ecological services
4. Undermining fundamental human needs

A sample of the answers collected at the visioning World Café event, where community members discussed the future look and feel of Telkwa (What Do you Want Telkwa to Look Like 25 Years From now?), are organized in a structure to relate to the baseline unsustainability exercise that was completed by the same participants.



The challenge for Telkwa is to achieve the desired vision in a sustainable manner. This is a primary purpose of the ICSP and the subsequent plans in which it infers.

#### **Dependence on fossil fuels and virgin metals & minerals**

- ✓ Commuting bike trails
- ✓ Bioenergy (waste-to-energy)
- ✓ Geothermal heating
- ✓ Park and ride
- ✓ Water & energy efficiency programs

#### **Pollutants and toxicity**

- ✓ Community gardens
- ✓ Recycling and composting

- ✓ Pesticide ban
- ✓ Wood-stove replacement
- ✓ Improved stormwater collection and treatment
- ✓ Hazardous waste disposal centre

#### **Fragmentation of ecological services**

- ✓ Protect rivers with fresh fish
- ✓ Monitor natural processes
- ✓ Value viewscapes
- ✓ Include green corridors
- ✓ Clean drinking water
- ✓ Non-timber resources and products

#### **Undermining fundamental human needs**

- ✓ Strong, vibrant business centre
- ✓ Multi-purpose communal community gathering area
- ✓ Focus on arts and cultural focus with strong community involvement and representation
- ✓ Rest stop with restrooms, green space, path to river that is near amenities, playground etc.
- ✓ Learning, literacy programs
- ✓ Appreciation and value to arts
- ✓ Affordable housing
- ✓ Medical center
- ✓ Sustainable housing utilities and management
- ✓ Ability to grow our own food (and sell and buy)



# 4.0 STRATEGY

A successful strategy should focus on what the best approach is to realize a different way of doing things. Business as usual is not sufficient, as moving towards sustainability demands a regimen of integration and communication unlike previous planning exercises. By ensuring all actions are collaborative, community-led & integrated with each other, a stronger initiative will be realized for the community of Telkwa.

## 4.1 Collaborative learning

It is recommended the ICSP activities build on the existing strong volunteer-base as well as encourage organizations and institutions to incorporate a stronger co-learning environment for projects being undertaken at the local level. Working in multi-disciplined groups provides a greater level of information sharing, opportunity recognition and identifying challenges and successes together.

All ICSP action teams are encouraged to:

- 4.1.1 Consist of multi-disciplinary professionals and multi-generational members;
- 4.1.2 Consist of representatives of both governmental and private sectors;
- 4.1.3 Engage local groups in completing actions on the ground;
- 4.1.4 Share results with the community; and
- 4.1.5 Identify gaps in skill-set areas which Telkwa community residents could fulfill.

## 4.2 Community-led

Creating community-led success can be achieved by using existing resources and assets found within the Village of Telkwa. Mechanisms that can help ensure that long-term planning and implementation occurs at the local level include:

- 4.2.1 Establish a local community economic development/investment criteria;
- 4.2.2 Host a Telkwa leadership training program;
- 4.2.3 Celebration of results achieved and an awards and recognition program;
- 4.2.4 Develop a sustainability checklist, to monitor the level of continual improvement;
- 4.2.5 Encourage individuals/organizations in the Region to sign the ICSP Declaration Letter (see Appendix 'A');
- 4.2.6 Local branding & communication of ICSP process (i.e. We Are Telkwa); and
- 4.2.7 Create local action teams to complete actions and build capacity.

### 4.3 Integrated approach

Working in an integrated manner differs from a traditional silo approach, and therefore demands new perspectives at looking at interconnected issues.

- 4.3.1 Identify feedbacks (both positive and negative) within the current reality. (i.e. an increase in new residential developments = increase in automobile traffic = increase in idling vehicles crossing the bridge = increase air pollution = increased health issues);
- 4.3.2 Look for patterns and trends in order to influence the strategy and prioritize actions (i.e. trends in communication technology, migration patterns, etc.); and
- 4.3.3 Leverage actions within the current context. Some actions will be able to create greater impact due to their interconnectivity, shared level of knowledge & awareness and behavioral change.



# 5.0 ACTIONS & TOOLS

A prioritized action plan is the main tool for implementing a series of sustainability actions. The action plan will help recognize early signs of success and will be able to be measured and realized by the community.

## 5.1 Individual to Community

It is important to remember that achieving sustainability is not a government-borne responsibility, nor service; it is a community-wide initiative and therefore enables residents to take action in order to achieve a systematic level of results.

The community residents involved in the visioning session were asked to share “what actions they could take as individuals towards the shared vision”. A sample of the answers is shown below as well as the cloudtag in figure 5.1.

- ✓ Steps I can take to achieve this vision include...
- ✓ Shopping locally as the opportunity arises
- ✓ Not saying no to all new industry
- ✓ Helping protect natural areas
- ✓ Encouraging others with good ideas
- ✓ Continue to be involved in municipal action
- ✓ Encourage community spirit
- ✓ Raise my family here, don't leave
- ✓ Start a sustainable “green” business
- ✓ Know your neighbours
- ✓ Be involved in the community
- ✓ Volunteer
- ✓ Decrease garbage and increase recycling
- ✓ Use outdoors for entertainment
- ✓ Carpool – self and family
- ✓ Create space for gathering
- ✓ Choose small projects with big heart
- ✓ Create goals 5 year plan that include knowledge of other existing organizations
- ✓ Recycle
- ✓ Educational opportunities
- ✓ Live in an efficient small house



Figure 5.1: Sustainable Actions Cloudtag from ICSP Visioning Session

- ✓ Bicycle, walk and garden
- ✓ Grow own food
- ✓ Eco-reno home

## 5.2 Brainstorming Sustainability Actions

Within the public engagement processes, many ideas were brought forth to answer the gaps and help the community move towards sustainability (refer to Appendix 'C' for full data set). All of these actions could help achieve the outstanding gap, although this can lead to unnecessary improvements, errors, as well as the failure of not using resources effectively and efficiently. Therefore three filters, summarized below, are used to ensure that the actions are achieving the intent of the ICSP.

### Is the proposed Sustainability Action a....

#### 1. Step in the Right Direction?

Is it connected to one of the sustainability goals, and how is it helping advance the community towards the stated vision?

#### 2. Flexible Platform?

Is the proposed action setting the next player up for success towards the ultimate goal? Some goals will take multiple generations to achieve the desired objective; therefore steps that constrain future sustainability steps are undesirable.

#### 3. Return on Investment?

Is the sustainability action financially feasible and will it cause a deficit in the organization or community? If the action prohibits the organization to be able to operate in the marketplace, then the community is losing capacity on the ground.

## 5.3 Prioritization

A strategic approach is applied to the ICSP, meaning all proposed actions are to be evaluated and prioritized based on the following parameters:

- ✓ Connecting the proposed measure to one of the sustainability goals, describing what it is helping to achieve (i.e. local food system, transportation, young families, seniors);
- ✓ Related policy and/or legislative ability;
- ✓ Listing sub-activities required to achieve the proposed measure;
- ✓ Duration period of initiative (Short-term: 1-5 yrs.; Medium-term: 5-10 yrs.; and Long-term);
- ✓ Stakeholders involved (roles and responsibilities, and holders of knowledge);
- ✓ Amount of resources/funding required; and
- ✓ Indicators (monitoring & measurement).

## 5.4 Indicators

Indicators should illustrate and quantify performance in each of the theme areas (ENERGY & WASTE, TRANSPORTATION, WATER, ECOLOGICAL, and CAPACITY BUILDING & GOVERNANCE) and are expected to be revisited regularly and used to identify successes, additional gaps and key findings. Items to consider when selecting indicators:

- ✓ Within the influence/control of Village
- ✓ Data sets are (or could be) available
- ✓ Stable and reliably measured
- ✓ Understood by a broad range of audiences
- ✓ Comparable to indicators used in other jurisdictions
- ✓ Meaningfully speaks to items (goals, and actions)

## 5.5 Implementation Tools

There is no “one best way” to implement an ICSP. Tools that exist today may soon be out-dated and newer ones may appear over time. It is important to keep the process current and allow new forms of communication and expression to emerge related to the community initiative. Some anchor tools required to ensure accountability and continual progress include:

- ✓ Sustainability Checklist for staff and local decision-makers (refer to Appendix “B”);
- ✓ Telkwa Sustainability Joint Declaration to be used to garner partnerships and growing network around implementing sustainability measures for Telkwa and the region;
- ✓ Database management system to track completed actions and monitor indicators;
- ✓ Communication strategy, brand and related public relations; and
- ✓ 101 primer to educate individuals and organizations on the process and the purpose of the ICSP.

# 6.0 STRATEGIC SUSTAINABILITY ACTION PLAN

The Strategic Action Plan is a working document that will evolve as more engagement with the community emerges. The initial action items were developed by the Telkwa Environmental Sustainability Committee (TESC). The Action Plan is a tool designed to create a strategic approach to implementing community sustainability. A description of each of the columns (prioritization parameters) in the subsequent table are follows:

**ACTION:** the action statement created by the stakeholder groups to achieve the definition of success (sustainability).

**ACTIVITIES:** specific tasks required to complete the action item.

**STAKEHOLDERS:** a list of all potential stakeholders involved with implementing the action item.

**BUDGET:** a rough estimate of the cost for each action item. The budget legend is as follows:

\$ (\$0-\$15,000)

\$\$ (\$15,000-\$50,000)

\$\$\$ (\$50,000 - \$150,000)

\$\$\$\$ (\$150,000+)

**TIMELINE:** estimated timeframe for the completion of the action. The timeline legend is as follows:

I - Immediate / < 5 years

ST- Short-term Actions / 5-10 years

M- Medium Actions / 10-25 years

LT- Long-term Actions / +25 years

**INDICATORS:** the measurement tool that can used to gauge the level of completion or continual improvement.

# 1. ENERGY AND WASTE

TELKWA ICSP STRATEGIC ACTION PLAN							
MEASURE	ACTION	Stakeholders	Activities	Time	Resources	Budget	Indicator
Local Food System	To provide capacity and organization for local food initiatives, including community-gardens, food-safe kitchens for small-scale food manufacturing and production.	VoT Business Community Regional District	Establish a food-safe kitchen Designate community garden plots in each neighbourhood Encourage solutions to composting household and commercial food waste Promote local food products	ST	\$\$ Kitchen equipment Land, right-of-way	M	operational kitchen active community garden organics from compost material Telkwa-made food products
<p>WHY: Achieving a local food system creates a multi-faceted shift towards a future that is aligned with Telkwa’s Sustainability Principles. By growing, eating and manufacturing local food: a reduction in fossil-fuels will be achieved; lessening habitat degradation to foreign agricultural zones (rainforest degradation, growing food in deserts, etc); and providing a healthy affordable food supply in order to allow residents to meet their human need of subsistence.</p>							

TELKWA ICSP STRATEGIC ACTION PLAN							
MEASURE	ACTION	Stakeholders	Activities	Time	Resources	Budget	Indicator
Renewable Energy Development & Energy Efficiency Green Home Design Seminar	<p>To use local resources to innovate renewable energy supplies for a community energy network, including demand-side management activities to achieve high-levels of energy efficiency.</p> <p>To achieve Telkwa’s GHG Emission Reduction target (full details, see Telkwa Official Community Plan)</p>	<p>VoT</p> <p>BC Hydro</p> <p>Regional Economic Partnerships</p>	<p>Prepare community energy feasibility study</p> <p>Use available biomass for energy-based uses</p> <p>Set reduction target % for demand-side management</p> <p>Encourage passive housing, net-zero homes, solar hot water systems, &amp; geothermal opportunities</p>	MT	<p>Incentives for energy efficiency reductions</p> <p>Community energy audit</p> <p>Mapping resources</p> <p>Academic partnerships</p>	SSSS	<p>Local renewable fuel source for transportation</p> <p>Net zero housing/smart meter efficiency targets</p> <p>District energy system</p> <p># of Geothermal hook-ups</p>
<p>WHY: Energy efficiency is the first step required for a household or a community, with regards to moving towards a stronger economic return and gradual decrease in GHG emissions. Investigating local renewable energy supplies will allow Telkwa to provide a resiliency for residents and businesses, as well as open investment and other economic opportunities.</p>							

TELKWA ICSP STRATEGIC ACTION PLAN							
MEASURE	ACTION	Stakeholders	Activities	Time	Resources	Budget	Indicator
Resource Management & Waste Management	Strengthening the supply chain of resources and waste recovery.	VoT Private Sector	Reuse/ Recycling of construction waste.  Identify opportunities for timber and non-timber waste flows	ST	Site allocation for construction reuse it store/ Recycling centre  Community compost operation  Audit of resource flows	\$\$	New start-up businesses  Reduce tonnage to landfill  Local soil
<p>WHY: The stocks and flow of materials are now valued in today's economy. Economic resiliency depends on using local resources at every stage of its life-cycle. Turning towards waste recovery, eco-industrial parks, and local micro-manufacturing and processing will help provide innovation and entrepreneurship, as well as step in the right direction for lowering greenhouse gas emissions.</p>							

## 2. TRANSPORTATION

TELKWA ICSP STRATEGIC ACTION PLAN							
MEASURE	ACTION	Stakeholders	Activities	Time	Resources	Budget	Indicator
Enhanced Transit & Trip Planning services	Create a local strategy to enhance transit service and other transportation demand side mechanisms	All stakeholders	Determine main A-B trips, times, schedules  Equip buses to carry bicycles  Provide dedicated shuttles for events and celebrations  Provide family passes	I	Meetings, communication, advertising	\$\$	Additional planned trip routes  Increased ridership  Assess daily/weekly trips
<p>WHY: Transportation is a sustainability issue which needs a series of solutions to help shift today's society from an automobile centric lifestyle. Examining the A to B destination trips and finding patterns and/or opportunities for clustering uses, sharing vehicles, bringing the service or product closer to you, etc. Due to the close proximity to Smithers, Telkwa is advantageous to continue building a strong transit service.</p>							

**TELKWA ICSP STRATEGIC ACTION PLAN**

MEASURE	ACTION	Stakeholders	Activities	Time	Resources	Budget	Indicator
Active Transportation	Promote cycling, walking, x-country skiing and other modes of active transportation	VoT	Paint lines on the highway  Provide safety barriers to separate pedestrians from traffic  Provide multi-use paths  Host a bike festival	I	Construction of trails and crossings, paving, painting  Install bike lock up areas	\$	Bike count  Health of residents

WHY: Active transportation brings many benefits to a community: increased physical health, decrease in GHG emissions and pollutants, encourages more pedestrian based uses (commercial, recreational, etc). For more ideas check out the Fraser Basin Council’s Transportation Demand Management solutions for small to medium sized communities.

### 3. WATER

TELKWA ICSP STRATEGIC ACTION PLAN							
MEASURE	ACTION	Stakeholders	Activities	Time	Resources	Budget	Indicator
Conservation of water	Increase the use of water demand side management practices	VoT Private sector Prov	Education and learning towards rainwater harvesting  Low flow toilets and shower heads  Water barrel programs & rain capture  Implement universal metering system	ST	Incentives  Water audits  Partnership with local hardware store to stock items  Advertising and communication	\$\$	Reduced flow rates  Decrease in treatment  Households saving money
<p>WHY: Many communities in Canada take for granted the access to fresh drinking water, due to the abundance around them. Water conservation is a step towards cost savings, and valuing a resource that is valued much higher globally. Many of these actions depend on behaviour change, however with a myriad of achievable activities, change can take place over time.</p>							

**TELKWA ICSP STRATEGIC ACTION PLAN**

MEASURE	ACTION	Stakeholders	Activities	Time	Resources	Budget	Indicator
Protect water quality	Create a community strategy for monitoring and managing local water sources.	VoT Northern Health Stewards	Stewardship ethics  Disposal of pharmaceuticals  Maintain vegetated buffers around riparian areas	I	Monitoring equipment  Communication  Stewardship club	\$	Quarterly reports  Low ppm

WHY: The quality of Telkwa’s water source comes from a mountain range providing a great fresh water source, however the lands surrounding the river do have some hazardous practices that should be monitored and given a strategy to avoid any contamination. Hazards include, CN rail line, bridges with vehicles, intensive farming, storm water drains and treated sewer water (pharmaceuticals, caffeine, etc).

## 4. ECOLOGICAL

TELKWA ICSP STRATEGIC ACTION PLAN							
MEASURE	ACTION	Stakeholders	Activities	Time	Resources	Budget	Indicator
BearSmart Program	Develop a human-bear management plan	VoT Province	Identify habitat area and animal corridors	ST	Biologist Meetings Research	\$	Management plan in place with recommendations for various
<p>WHY: Wildlife protection brings many intrinsic benefits to community sustainability. By maintaining a rich biodiversity, wildlife habitat and ecological processes, the community can depend on natural processes, such as salmon spawning, nutrient transfer, wild foods, etc.</p>							

Air Quality	Prepare a air quality strategy in order maintain a level of clean air.	VoT Northern Health MoE		ST	Incentives Communication and education material Paving	\$	Decrease in asthma Increased air quality
<p>WHY: Air quality issues in rural communities is a common problem due to wood stoves, old vehicles, unpaved roads, etc. Many of these sources of air pollution can be dealt with overtime, however there needs to be common understanding of what the health issues are related to poor air quality in order to gain community-wide buy-in.</p>							

## 5. CAPACITY BUILDING AND GOVERNANCE

TELKWA ICSP STRATEGIC ACTION PLAN							
MEASURE	ACTION	Stakeholders	Activities	Time	Resources	Budget	Indicator
Sustainability Youth Leadership Program	Promote youth involvement in the community	VoT School District	Support existing activities (volunteers)  Develop new activities (i.e. BMX park, Community youth Ski Trip); Arts (youth events, collaborate with school)	I	Engagement of kids  Volunteers, parents, teachers  Land  Community Hall  Media, (messaging, signage) Schools (newsletter, newspaper)	\$	Involvement and feedback from youth  Demand
<p>WHY: Engaging youth and having them lead on-the-ground projects is a great way to provide multi-generational involvement. Sustainability is about long-term planning and therefore this time period resonates with youth, even if they might not live in Telkwa for their entire lives.</p>							

TELKWA ICSP STRATEGIC ACTION PLAN							
MEASURE	ACTION	Stakeholders	Activities	Time	Resources	Budget	Indicator
Procurement Policy	To purchase materials, products and services which are not helping you move towards sustainability	VoT Private sector	Bulk purchasing with surrounding jurisdictions  Adopt a set of criteria	I	Communication and coordination  Purchasing networks/databases  Cii	\$	Annual audit of purchases and % of “sustainable products” purchased
<p>WHY: Taking a triple-bottom approach when making capital purchases or even hiring services is a great opportunity to show the marketplace that sustainability-minded items are valued more than products that do not help you move your organization towards its vision.</p>							

# 7.0 RESOURCES:

## **The Gas Tax Agreement:**

[http://www.cserv.gov.bc.ca/lgd/intergov\\_relations/gastax\\_agreement.html](http://www.cserv.gov.bc.ca/lgd/intergov_relations/gastax_agreement.html)

**Ministry of Community Services** Integrated Community Sustainability Planning (ICSP) Initiative April 16, 2007

## **UBCM Website - GTA Program Information and Guide:**

[www.civicnet.bc.ca/siteengine/ActivePage.asp?PageID=294](http://www.civicnet.bc.ca/siteengine/ActivePage.asp?PageID=294)

## **Real Estate Foundation's Community in Transition Program:**

<http://www.communitytransition.org/>

## **Green City Awards**

<http://www.greencityawards.gov.bc.ca/>

## **Sustainability Websites:**

Natural Step Canada - <http://www.naturalstep.ca/>

Smart Growth BC - <http://www.smartgrowth.bc.ca/>

Smart Growth on the Ground - <http://www.sgog.bc.ca/>

ICLEI (International Clearinghouse on Sustainable Development) - <http://www.iclei.org/>

SFU CSCD (Centre of Sustainable Community Development) - <http://www.sfu.ca/cscd/>

UBC Design Centre for Sustainability - <http://www.dcs.sala.ubc.ca/>

ICSC (International Centre for Sustainable Cities) - <http://www.icsc.ca/>

Pembina Institute – [www.pembina.org/sustainability-measurement/index.php](http://www.pembina.org/sustainability-measurement/index.php)

West Coast Environmental Law - <http://www.wcel.org/>

FCM Centre for Sustainable Community Development - <http://kn.fcm.ca/>

The Centre for Whole Communities - <http://www.wholecommunities.org/>

The UN international Awards for Sustainability - <http://www.livcomawards.com/>

Fraser Basin Council - <http://www.fraserbasin.bc.ca/>

Appendix “A”

**Telkwa Sustainability Joint Declaration**

**SUSTAINABILITY JOINT DECLARATION**

To move towards a long-term sustainability vision and strategic plan, there needs to be a long-term commitment by the leaders and decision-makers that play a role in the implementation and monitoring stages of this collaborative initiative. Therefore the Telkwa Environmental Sustainability Committee (TESC) recommends the Village of Telkwa adopts the below sustainability declaration as a guiding statement for the ICSP process and to invite the regional stakeholders in the area to support Telkwa in implementing its long-term community vision.

#### Telkwa Sustainability Declaration (adapted from Natural Step System Conditions)

The Village of Telkwa, its community members and regional stakeholders acknowledge its integrated relationship to the Bulkley Valley and the larger global biosphere and therefore are committed to the long-term goal of continually moving towards a future that strategically lessens:

- a. Dependence on fossil fuels and virgin metals & minerals
- b. Pollutants and toxicity
- c. Fragmentation of ecological services
- d. Undermining fundamental human needs

One of the roles of the Integrated Community Sustainability Plan is to act as a community guide to measure changing behaviors towards a more sustainable lifestyle. If people are to achieve new ways of creating livable communities, leadership, local learning opportunities and applicable alternatives must be continually offered. Some of the other roles of the ICSP include:

- a) Guides decision-making processes;
- b) Used to gauge evaluation and monitoring efforts;
- c) Guide the development of further studies and/or secondary plans; and
- d) Provides capacity building towards sustainability and community development planning.

The structure of the ICSP will be arranged to encourage a strategic approach to this interdisciplinary exercise. An outline to guide the continual development of a strategic action plan is displayed below. Each listed sustainability action can be prioritized based on a series of variables involved to achieve the measure, including: the goal trying to be achieved; the collaborative stakeholders required to make it happen; the preceding activities required to implement the measure; the level of time and resources required to complete the tasks; and the indicator that will measure the action's success. These variables ensure the action is strategically leading TESC and the Village of Telkwa in the right direction, giving a return on investment, and creating a flexible platform for the subsequent sustainability actions. Large complex problems, such as community

development and planning, are chaotic and difficult to find entry points for intervention; however the ICSP and strategic action plan will provide direction and momentum for TESC, Village of Telkwa staff and council and the community.

**Appendix “B”**  
**Sustainability Checklist**

## **Village of Telkwa Sustainability Checklist**

### **PURPOSE**

The Sustainability Checklist is intended to provide the Village staff with an opportunity to assess a project's contribution to the sustainability of Telkwa based on the four pillars of sustainability development using the social, cultural, environmental and economic indicators. The checklist measures all applications by the same criteria ensuring consistency between projects during the review process. The checklist promotes the Village of Telkwa's sustainability objectives and will guide development towards Telkwa's vision of a sustainable community.

This checklist will be used to review the following types of development applications:

- ✓ Development Permits
- ✓ Development Variance Permits
- ✓ Amendments to the Zoning Bylaw
- ✓ Amendments to the OCP
- ✓ Subdivision

All of these applications will require a completed Sustainability Checklist to be included with their application package submission. The Village of Telkwa will be able to track the implementation of the sustainability goals within the community.

The checklist is broken down into four sections covering the four pillars of sustainability; social, cultural, the environment and the economy. Not only is the applicant requested to submit a written description of their project proposal detailing how they address the four indicators of Telkwa's vision of sustainability but they are requested to complete the following checklist. The project will be awarded 1 point for each 'yes' answer and 0 points for each 'no answer. If any answers are not applicable to the proposal check the n/a box and explain why the item does not apply. Points will be tallied to track the sustainability features of the project and Telkwa's efforts towards reaching its sustainable vision.

# Section 1 – ENVIRONMENTAL INDICATORS

ENVIRONMENTAL INDICATORS					
Please describe if the proposed development/project protects, restores or enhances the surrounding natural environment through the following:		Yes	No	n/a	Answer details
a)	Positively affecting or impact ALR lands				
b)	Protects the Riparian Areas or other environmentally sensitive areas				
c)	Protects hazardous slope areas				
d)	Restores or rehabilitates a contaminated site				
e)	Adds no additional or minimal extensions to municipal infrastructure				
f)	Infill development				
g)	Uses environmentally sensitive or recycled materials				
h)	Uses onsite renewable energy systems				
i)	Includes onsite stormwater Management systems				
j)	Aims for LEED certification or another accepted Green Building best practice				
k)	Incorporates indigenous or low water requiring landscaping				
l)	Promotes and supports natural forest setting				
m)	Promotes and encourages good air quality				
n)	Promotes and encourages the natural health of the river				

## Section 2 – ECONOMIC INDICATORS

ECONOMIC INDICATORS					
Does the proposed development/project supports and/or contributes to the positive economic system of Telkwa in terms of the following::		Yes	No	n/a	Answer details
a)	Support local businesses				
b)	Promote or create local employment opportunities				
c)	Provide a positive impact on tax base				
d)	Promote existing infrastructure efficiency for water, sewer and roads				
e)	Promote or encourage energy and/ or water savings				
f)	Promote or encourage economic diversification including value added opportunities				
g)	Encourage the migration of new residents to Telkwa				
h)	Promote and support health of river and it's ecosystem				

## Section 3 – SOCIAL INDICATORS

SOCIAL INDICATORS					
Does the proposed development/project contribute to the health and well-being of the community in terms of the following:		Yes	No	n/a	Answer details
a)	Encroaches community engagement in project consultation and where appropriate the incorporation of changes and suggestions				
b)	Supports the Regional Growth Strategy				
c)	Is consistent with the OCP				
d)	Offers a mix of compatible land uses				
e)	Supports affordable, seniors or other special needs housing				
f)	Promotes and supports a safe pedestrian friendly community				
g)	Supports and promotes access to parks, recreation and trails				
h)	Promotes and supports community spaces for social interaction				
i)	Promotes and supports a variety of community services and programs (e.g. daycare, seniors hall, community gardens etc. )				
j)	Promotes local food production and distribution				
k)	Promotes and encourages easy access to stores, schools, employment and social services centres				
l)	Promotes and supports a variety of transportation options including public transit				
m)	Promotes and supports recycling activities				
n)	Promotes and supports safe communities programs and services				

## Section 4 – CULTURAL INDICATORS

CULTURAL INDICATORS					
Does the proposed development/project supports and contributes to the cultural system of the community in terms of the following:		Yes	No	n/a	Answer details
a)	Encourages and supports education and training opportunities				
b)	Supports and encourages obvious displays of community pride through aesthetically pleasing designs and construction including public art				
c)	Preserves or restores community heritage building and features				
d)	Preserves or include green spaces or open spaces				
e)	Keeps the small town feel				
f)	Encourages and supports community social, cultural and recreation events and activities				
g)	Supports and benefits recreation facilities for all age groups				
h)	Promotes and maintains public access to the river				

## **Appendix “C”**

### **Community Vision Session Consolidated Results, April 28th, 2010**



**OFFICIAL COMMUNITY  
PLAN & ZONING  
BYLAW REVIEW**

**WE ARE TELKWA  
COMMUNITY VISION SESSION  
CONSOLIDATED RESULTS**

**April 28<sup>th</sup>, 2010  
Riverside Room  
6:00 pm – 9:00 pm**

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**Introduction:** By undertaking a comprehensive Integrated Community sustainability Planning (ICSP), process that encourages integration, collaboration and inclusive public engagement, the Village of Telkwa will be able to move forward with a shared vision and common understanding in the creation of an updated Official Community Plan (OCP).

When aligned with ICSP concepts, the newly updated and refined OCP will provide an effective technique of incorporating and integrating holistic sustainability goals and action items into policy. An updated OCP, created within ICSP parameters, will provide the village of Telkwa with the necessary tools and fundamental framework to address and manage both current and anticipated future pressures while providing strategies for a resilient community

**The “We Are Telkwa” Event :**

The We Are Telkwa visioning session was offered as an opportunity for Telkwa residents to share their aspirations and goals for the Village of Telkwa. The Focus team facilitated an interactive session that allowed for a wide range of citizens to step forward through various mediums, and contribute to the shared vision. Residents helped build a collective vision and identify individual sustainability objectives to achieve their personal vision.



The following is a summary of the data collected.

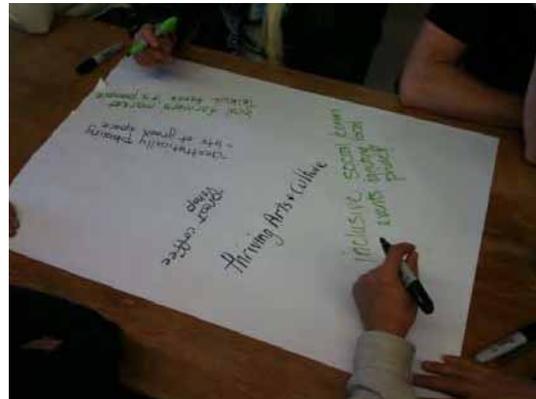


## The Results:

### Phase 1 – Defining Our Community

#### Words to describe Telkwa

- Small XXXXXXXX
- Friendly XXXXXX
- Beautiful XXXX
- Safe XX
- Vibrant X
- Diverse X
- Historic X
- Young X
- Home
- Heaven
- Peaceful
- Confluence
- Crossroads
- Opportunity
- Love
- Relaxing
- Natural
- Potential
- Families
- Quaint
- Caring
- Active
- Currently a Smithers satellite
- Cool
- Creative
- Nice
- Noisy
- Unique
- Welcoming
- Old

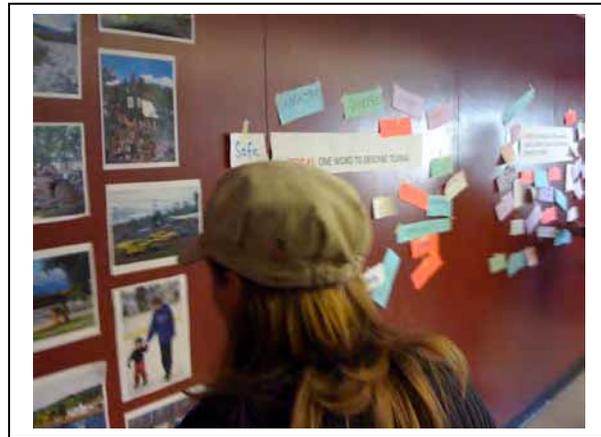


**Telkwa is known for its \_\_\_\_\_**

- Fishing **XX**
- Rivers **X**
- Nature **X**
- Beauty **X**
- Young families **X**
- Heritage
- Cheap house prices
- Character
- Rednecks

**Telkwa is known for its unique \_\_\_\_\_**

- People **XX**
- Rivers
- Population
- Yummy ice cream
- Geography
- Heritage homes
- Area
- Character
- Name
- Environment
- Landscape
- Charm
- Views
- Alignment



**Telkwa is known for its strong \_\_\_\_\_**

- Sense of community **XXXX**
- Minded people
- ATV ing community
- Fish
- Heritage
- Support of families
- Friendships
- Pub
- Feelings of dog ownership (?)

**Telkwa is a community that encourages \_\_\_\_\_**

- Individualism **X**
- Physical activity (lots of trails)
- Creativity

- Involvement
- Car ownership
- Gatherings
- People
- Friendly and safe neighbourhood
- Growth
- Neighbours to gather
- Families
- Involvement
- Dialogue
- Demolition derbies

**Telkwa is a community that believes in \_\_\_\_\_**

- Community X
- Sustainability X
- Family X
- The future
- Progressive ideas
- Working together
- Letting people do their thing

**Telkwa is a great place to \_\_\_\_\_**

- Live XXXXXXXXX
- Raise a family XXXXX
- Play XXX
- Recreate XX
- Grow old X
- Walk X
- Development
- Working together
- Unity
- Clean neighbourhoods
- Involvement
- Make music X
- Raise a dog
- Garden
- Be on the river
- Work
- Give
- Relax

**I live in Telkwa because...**

- I love the rivers
- Quality, affordability, one of the best places to raise a family
- House plus taxes were at one time way under costs in Smithers and I love the community (neighbourhoods)
- I love it a great place to call home
- I live in a rural neighbourhood with enough space and great people to share my street
- Its relaxed lifestyle and friendly people
- Property on the river
- Close to work affordable
- Born and raised, love the quiet
- Sunshine and small community
- I like the scenery, larger lots
- Forests all around
- Fishing in the river
- It was a peaceful place to be and have a family
- Great weather
- Great people
- Mountains, river and ice cream shop in the summer
- We have property on the river.
- Grew up here and came back to be close to family and live in the small community
- Affordable
- Great neighbours
- Love the river and beautiful character
- House was affordable to purchase
- Green space and transit system to Smithers exists
- It is the place where my husband and I decided to start our lives together
- Affordable and close to recreation trails
- Beautiful and quiet
- Good for raising kids
- Outdoor recreation
- Affordable living with the opportunity for small business development
- We enjoy small communities to live in and it is our home and community

#### **Where do you go to socialize?**

- Smithers XXXXX
- Neighbours X
- Riverside skating rink
- Jams
- My house
- Playdates

- Tyhee Lake
- Church events

### **Telkwa Network**

- TESC
- Seniors
- Youth leaders and groups
- Recreational groups
- Young moms
- Museum volunteers
- TCIS (Telkwa Community Initiatives Society)
- Woodland park families
- Transit riders union
- Telkwa jamfest crew
- Hockey night in Telkwa
- Children helping children
- Kinsmen
- Volunteer fire Department
- Wine appreciation club of Telkwa (WACT)

### **On a trip, how would you describe Telkwa?**

- Small beautiful town where people let others live their lives
- A small cool town near Smithers that has a lot of artisans, musicians, and progressive thinkers. A diverse mix of young people, families, old timers, motorheads and rednecks that coexist happily and contently
- Friendly place to live and raise a family
- Picturesque hidden jewel
- Great lifestyle choice
- A town near Smithers
- Sssshhh it's a secret
- The place without the Walmart
- Slow paced, friendly, kid oriented community
- Wonderful scenery, people, and atmosphere, but you need a vehicle to live here. Lack of services / entertainment means trips to Smithers key
- Little villages with a lot of families
- A small village on 2 rivers with beautiful mountains
- Where the Bulkley and Telkwa meet
- Great access to outdoor recreation
- A little village (the 1<sup>st</sup> in the area) on the Telkwa and Bulkley Rivers. Great trails, great fishing, the Tyhee Lake
- Cute little village on the river too close to Smithers
- A unique place with character that doesn't exist in many places

- Home
- Smithers suburb
- Lovely place to raise a family
- Cute
- Amazing combination of lifestyle, opportunities, affordable living and creative culture in a spectacular natural setting
- A small town next to a world class fishing river
- Bedroom community
- It is just outside of Smithers on the Bulkley and Telkwa Rivers
- In summer – world class salmon and steelhead fishing, beautiful scenery, wild food abounds, wildlife viewing, not many services but a wonderful place to visit, close to the Telkwa range and hiking and quading
- Awesome
- White

**How could Telkwa become a place that you do not want to live in?**

- No green spaces or walking trails
- If Louis and Lynnel moved
- Boring segregated and unfriendly
- Can't walk or bike around the village safely
- Lose its character
- No potential for growth
- Unsafe
- No jobs for me
- Lacking vision
- If the highway widened/got busier and noisier
- Pollution
- Racist
- If the bus stopped running
- Compromised green space
- River flooding riverside
- If rivers get messed up by industry (eg – Coal bed methane)
- Stagnant economically and culturally without a unique identity
- No business
- If a Walmart didn't come to town
- If there was no transit to Smithers
- People keep burning their garbage in their backyards
- Roads get worse
- Air quality due to dust gets worse
- No seniors housing
- No growth
- Close the school

### **Where are you most likely to run into your friends and neighbours?**

- Coordinated music jams and events
- Smithers X
- At the rink
- On walking trails
- At the ice cream hut
- Post office
- On a walk
- On the bus
- Front yard
- Out walking or at local places eg. Post office, businesses
- On the streets, trails while out for a walk
- In the yard, on the street
- Trails near Tyhee Lake
- At community events (eg. Demo derby, pancake breakfast, Halloween, garage sale)
- On the street / in peoples yards
- Playground
- Driving around looking at Christmas lights

### **Where do you go for physical activity?**

- BV pool
- Trails – walking
- Telkwa Hi Road – biking
- Smithers
- In our yard
- In our cul de sac
- Local trails
- Smithers – pool and squash
- Tennis courts (in desperate need of repair)
- Dockerill Rink
- The backyard garden
- Ride bike around lake
- Ride bike around lake
- Walking the trails and cross country skiing
- Tobogganing on Barbeque Hill
- Trails
- Run trails
- Trails around village and Tyhee Lake

**My favorite place in Telkwa is**

- On the river **XXXX**
- Tyhee Lake **XXX**
- Eddy Park **XX**
- The trails **XX**
- My house
- The end of my road. Elm St.
- Bulkley River and Normas Ark
- Aldermere Trails and surrounding forest
- All over
- River pool
- Riverside rink
- My home
- Our garden
- Sitting on the bench in Aldermere

**Where do you go to relax in the area?**

- Walk along the river
- My backyard
- The river
- The lake (Tyhee)
- My yard
- Telkwa Pass
- Aldermere and associated trails
- Hazelton
- Tyhee Lake
- My sundeck
- The river
- Aldermere
- Trails
- The Eddy

**Phase 2 – Education – List the Activities that are Unsustainable in Telkwa  
Using the Natural Step Framework as working example for exercise****A – Concentrations extracted from the earths crust**

- Deforestation
- Use of fossil fuels
- Government attitude and interest in continued development of fuels that produce CO<sub>2</sub>
- Coal bed methane
- Travel to Smithers for services/transportation

- More extraction
- Enbridge pipeline

#### **B – Pollutants produced by society**

- Lack of infrastructure to support local farmers / producers / products
- Driving to Smithers
- Reliance on single occupant vehicles
- Unregulated smoke and burning practices
- More waste
- Lack of recycling options
- Sewage
- No access to transportation
- Commute to Smithers for food, medical care, recreation, cultural events, school, socializing, secondary education
- Current transportation methods
- Bottled water

#### **C – Damaging forests and lakes**

- Industrial development along the rivers
- Increasing use of water
- Increasing deforestation (related to climate change and pine beetle)
- Economic dependence on resource extraction
- Environmental policies on landscaping
- Need more walking trails
- Need more parks in neighbourhoods
- Industry close to river
- Monitoring water use
- Subdivision development destroying habitat
- Agricultural runoff
- Loss of agricultural land to development
- Low density residential development
- No support for small local mills
- No support for independent contractors
- 2 licenses hold all TSL's in area
- No wood supply for local business / entrepreneurs
- No incentives for locals to remove Mountain Pine Beetle fuel

#### **D – Limit to meet human needs**

- No infrastructure for youth
- Lack of community support and involvement
- No incentives for local value added product
- Lack of diversity in housing alternatives

- Lack of regional food security
- Lack of sustainable exports and business opportunity
- Lack of public gathering places
- Lack of progressive community leadership
- Lack of business incentives to enable local businesses to stay and thrive
- Lack of indoor recreation and arts and culture
- Lack of resources and services creates unsustainable lifestyle
- Safety – RCMP live in Telkwa but we do not have a RCMP presence actively patrolling the community
- Designate an officer for our community (or part time)
- Need more affordable housing apartments
- A lack of communication regarding community resources
- Current recreational infrastructure cannot be sustained by current tax base
- Current economic mix (lack of diversity)
- Density development
- Water storage
- Seniors and low cost housing

**Phase 3 – THE VISION World Café – community based discussion on the future look and feel of Telkwa.**

**What Do you Want Telkwa to Look Like 25 Years From now?**

- To have a strong , vibrant business center (restaurants, shops, bakery, butcher, coffee shop etc) that is unique
- Have green neighbourhoods
- Green energy
- Community gardens
- Natural processes intact
- Well developed recycling facilities
- A multi-purpose communal community gathering area
- Focus on arts and cultural focus with strong community involvement and representation
- Continued clean water and world class fishing
- Continued ecological use on the river (no jet boats etc)
- More presence local, non timber resources and products
- A well developed rest area for tourists that is centrally located
- Rest stop with restrooms, green space, path to river that is near amenities, playground etc.
- Enviro-friendly guiding on rivers
- Medical center
- Vibrant community ownership (in education/neighbourhoods/all age groups)
- Commuting bike trails

- Sustainable housing utilities and management
- Ability to grow our own food (and sell and buy)
- Adequate public transportation and ride share program for workers and youth
- Green housing development
- Supported youth, families and children
- Small shops, niche businesses
- There are no empty lots
- Economic diversity
- Cohesive sense of community and identity
- Higher education center of excellence
- Clean fish filled rivers
- Positive cash flow
- Woodstove free
- Technology permits and affordable
- Enlarged farmers market
- Telkwa feeds it own
- Local bylaws to encourage building techniques
- Use alternative building techniques
- Alternative education
- Lit trails
- Cross country loop
- Incentives for home business
- Wheelchair accessible trails
- A haunted house
- To be able to grow old here and not have to move to Smithers
- To be able to have teenagers and not move to Smithers
- Green spaces
- A park and intersection
- A grocery store selling local produce
- Community garden
- A unique planning aesthetic for Telkwa
- Thriving economy (bank, shops, restaurants, co-op, drug store, natural foods)
- Local jobs (not Smithers)
- Value added manufacturing (wood products)
- Eco tourism
- Downtown hub / core with retail / coffee shops
- Recreation
- Protect natural food sources (berries, mushrooms)
- Local farmers market
- Grocery store
- Aesthetically pleasing
- Lots of green space

- Recreation coordinator (child youth adult)
- A population size capable of sustaining business
- Animal rescue center
- Great coffee shop
- Thriving arts and culture
- Inclusive social events igniting local pride
- Bike trails connecting Smithers to Telkwa
- Seniors housing beside community garden
- Local currency system
- Strong Telkwa identity
- Beautiful efficient homes built by locals using local materials
- Increased transit options
- A larger town (5,000 – 10,000 with all the services Smithers has now, with a strong local identity)
- Healthy community, as it is now but with sustainable green industry employing local people
- Still small in comparison to Smithers but attractive naturally and because of the people this community attracts
- Still a great place. Small and everyone knows your name
- Independent, increased employment opportunities and recreation for all
- Economic growth that supports environmental vision
- Clean, green, more business
- Vital, compassionate, neighbourly, and viable
- Cohesive community that is driven to support healthy children and families
- More green space (not industrial looking), safe, friendly, wholesome, self-sustaining community
- Small population (2500 or so) lots of forest, small business center, seniors housing, and reasonable taxes
- That it will be a vibrant community where people will want to come to
- Community that is more than just a drive through
- Vibrant, eclectic, active, family and multi age friendly, easy to be active and social
- Beautiful, thriving, supportive, creative community showcasing eco-living
- Think Edgemont village
- Living in a community that I am proud of and involved in
- A new tag line instead of where the rivers meet, we feed our people
- A beautiful, clean, vital community with a progressive and creative outlook and cultural makeup
- A clean (green), caring, enriched cultural community

**My definition of sustainability is:**

- Living as though the earth matters
- My dollars going to my neighbour and vice versa. Not having to spend outside of my community
- Anything that is healthy and beneficial over a very long period of time (25 years)
- A future for my kids
- Community that continues in a vibrant and healthy growth
- Don't waste, re-use things as much as possible
- Living without depleting
- Educated citizens working towards sustainable environmental practices, economics, education and culture
- Self-reliant and able to survive as an individual unique community
- It never runs out in my lifetime (fish, clean water)
- Having enough industry to sustain
- Not demanding / consuming resources continually.
- Minimizing waste production
- Long term lifestyle and way of living that supports and nurtures people, community, natural earth and the local economy
- Input = output
- Progressive thinking
- Neighbourhoods supporting each other to work recreate, eat etc with minimum negative impacts
- Utilizing local resources in a creative, sustainable way to foster the growth of local business and economic opportunity.
- A prosperous, environmental, caring community that supports itself

**Steps I can take to achieve this vision include...**

- Shopping locally as the opportunity arises
- Helping council direct growth
- Not saying no to all new industry
- Helping protect natural areas
- Encouraging others with good ideas
- Continue to be involved in municipal action
- Encourage community spirit
- Buy local, encourage buying local
- Raise my family here, don't leave
- Start a sustainable "green" business
- Know your neighbours
- Be involved in the community
- Volunteer
- Respect the leadership
- Decrease garbage and increase recycling

- Use outdoors for entertainment
- Shop locally and play
- Carpool – self and family
- Contribute as a community member
- Work with the community to find out needs
- Create space for gathering
- Choose small projects with big heart
- Create goals 5 year plan that include knowledge of other existing organizations
- Recycle
- Support local business
- Conserve energy
- Volunteer in community
- Promote Telkwa to others
- Know my neighbours
- Live more closely with the land
- Educational opportunities
- Community and family center
- Keep going to work
- Continue involvement with community organizations
- Garden/landscape my personal property
- Ensure a open, friendly disposition with community members
- Volunteer with community projects
- Create a business
- Help formulate the plan
- Provide input (outside the box)
- Listen to others
- Provide “me” energy
- More industry and commercial
- A community needs to put its people to work
- Manufacture industry for export
- I would welcome a Walmart
- More jobs for our young people
- Supporting Telkwa businesses
- Volunteer and participate
- Live in an efficient small house
- Bicycle, walk and garden
- Grow own food
- Eco-reno our home
- Help our neighbours
- Encourage local creative gathering jams
- Support local businesses
- Support local business

- Encourage local business
- Improve front lawn
- Drink lots of coffee (Delaneys)
- Support the reading center
- Contribute to building a strong business center
- Staying positive and contributing progressive ideas
- Become involved in community engagement
- Share ideas with friends and promote community involvement
- Become part of town council in the future
- Put plastic on our greenhouse
- Put up signs selling our eggs/meat
- Volunteer here more
- Plant those tomatoes
- Foster the growth of our own and other small business
- Develop ideas to promote growth in the community
- Contribute creatively and culturally
- Participate in community activities
- Reflect a positive outlook for the future
- Encouraging those taking the right steps
- Being environmentally friendly day to day
- Supporting our small business
- Supporting initiatives I believe in
- Volunteering for our village

### **What are the questions?**

- Do you ride transit? If not why?
- Bring in a café to Telkwa
- When is water storage going to be addressed?
- How will natural food sources be protected?
- When will the trail system be properly maintained
- How will future development proceed? Ie: the 20 year vision
- Lot and acreage for hotel
- Can you ask those that border Village of Telkwa too?
- Balancing public good with private rights/needs/wants ie noise control vs dirtbikes, loud trucks, density development versus everyone's 5 acres
- How many people would carpool to work? What kind of business should we attract?
- What can be done to get the Telkwa – Smithers bike route built?
- What about dogs?
- What can Telkwa offer to the families, kids, teens and adults who dirtbike?
- What would it take to get you out of your vehicle?
- How can we make Telkwa less ugly?

- If Telkwa were to develop and foster an identity as perceived by the rest of the world what would it be?
- Business development
- Apartments to attract those who don't want a large yard to care for. What about density planning?
- What supports do you need so that you will carpool to work?
- How can we bring new business to Telkwa?
- How can we increase use of the existing Smithers / Telkwa bus?
- Commercial enterprise
- How can we attract amenities to Telkwa?
- How can we support business to thrive in Telkwa?
- Taxes? Can we honor the First Nations history here?

**Appendix “D”:**  
**Photo inventory of steps in the right direction**

Telkwa’s Steps in the Right Direction Include:

- ✓ Bear Smart (installation of bear proof containers)
- ✓ Canada Day Parade (kids zone, pancake breakfast)
- ✓ Repaving Coalmine Rd
- ✓ Private re-development & construction
- ✓ Installation of new playground equipment
- ✓ New cemetery fencing
- ✓ Recognizing volunteer effort
- ✓ Groundbreaking of senior's housing
- ✓ Opening of Cointe and Café
- ✓ Boarding transit bus
- ✓ Tyhee Lake (potluck brunch)
- ✓ Music in the Park
- ✓ Telkwa BBQ Days
- ✓ Installation of new traffic flow controls
- ✓ New entrance signs



