DISTRICT OF NEW HAZELTON

Regular Meeting - Jun 03 2024 of Council

Monday, June 3, 2024

Council Chambers

Regular Meeting – 7:00 pm

- 1. CALL TO ORDER 7:00PM
- 2. MINUTES
 - 2.1 Accept Minutes of the MAY 6, 2024 regular meeting

Recommendation: That the Minutes be adopted as presented.

- 3. PETITIONS & DELEGATIONS: None
- 4. CORRESPONDENCE
 - 4.1 Banners 2025

Recommendation: that staff be given direction on whether or not to proceed with the proposed banner design or to pursue a different direction.

4.2 Economic Development Strategic Plan

Recommendations: That council approve the draft economic development strategic plan as presented.

4.3 Community Action Initiative - Local Leadership United

Recommendations: For consideration by Council for attendance.

4.4 Ratification of E-Mail - SAR

As discussed, to include Burns Lake Search and Rescue in the Thank you and Donations. 6-7 in favour

- 5. REPORTS: None
- 6. BYLAWS: None

7. NEW BUSINESS

- 7.1 Resolution for Infrastructure Grant

 *Recommendation: that Council pass a resolution to support the application for an Infrastructure Planning Grant to proceed with a water modelling project.
- 7.2 Council Schedule
- 8. ADJOURNMENT

DISTRICT OF NEW HAZELTON Regular Meeting - May 06 2024 of Council Monday, May 6, 2024 Council Chambers

1. CALL TO ORDER

Mayor Lowry called the meeting to order at 7pm.

Present:

Mayor Gail Lowry

Councillor Allan Berg

Councillor George Burns

Councillor Braunwyn Henwood

Councillor Jutta Hobenshield

Councillor Ray Sturney

Absent:

Councillor Mike Weeber

Staff:

Wendy Hunt, Chief Administrative Officer
Roger Smith, Public Works Superintendent
Robyn Morrison-Ellis, Acting Deputy Corporate Officer

2. MINUTES

Accept Minutes of April 8, 2024 and April 22, 2024 regular meetings
 RESOLUTION 8293/24
 THAT, the minutes of April 8, 2024 be accepted as presented.

Carried

RESOLUTION 8294/24

THAT, the minutes of April 22, 2024 be accepted as presented.

Carried

- 3. PETITIONS & DELEGATIONS
- 4. UNFINISHED BUSINESS

Activity Update from Economic Development Officer

Hazeltons Council Update May 2024.docx ❷

- Will give update next meeting from joint meeting (June).
- 5. CORRESPONDENCE
- 6. REPORTS
- 7. BYLAWS
 - 7.1 Bylaw No. 378 Local Government Climate Action Program Reserve Fund

BL 378 Local Government Climate Action Program Reserve

Fund.docx @

RESOLUTION 8295/24

THAT, Local Government Climate Action Program Reserve Fund Bylaw No. 378, 2024 be adopted.

Carried

7.2 Bylaw No. 379 Water Rates Amendment Bylaw

Bylaw No. 380 Sewer Rates Amendment Bylaw

Bylaw No. 379, 2024 and No. 380, 2024.pdf @

RESOLUTION 8296/24

THAT, Water Rates Amendment Bylaw No. 379, 2024 be adopted.

Councillor Henwood voted against this motion and wished to have her vote recorded.

Carried

RESOLUTION 8297/24

THAT, Sewer Rates Amendment Bylaw No. 380, 2024 be adopted.

Councillor Henwood voted against this motion and wished to have her vote recorded.

Carried

7.3 Adopt Bylaw No. 381 Tax rate 2024

BL 381 Tax Rate 2024.doc

RESOLUTION 8298/24

THAT, Tax Rate Bylaw No. 381, 2024 be adopted.

Carried

7.4 Policy for Water and Waste Water Connection Application Procedures

Water and Waste Water Connection Application

Procedures.pdf @

RESOLUTION 8299/24

THAT, we accept the Policy for Water and Waste Water Connection Application as presented.

Carried

8. NEW BUSINESS

8.1 Council Schedule

Agenda Meeting Schedule (1).docx @

8.2 Canada Day

Council and staff held a discussion on Canada Day 2024.

We are to continue as normal with some new ideas. Instead of a parade, we would like to have a bike parade for children along the pathways and offer prizes. Perhaps the RCMP could do some bike safety/rodeo stuff with the children. It was also mentioned that it would be nice to have some musical performers.

8.3 Search and Rescue - Letter of thanks and potential donation - CAO Hunt

RESOLUTION 8300/24

THAT, we send a donation to each participating Search and Rescue team in the amount of \$1000.00 and a thank you letter for their support in searching for the missing Hazelton resident.

Carried

8.4 Nurses Week – May 6 – 12: Letter of thanks to our local nurses RESOLUTION 8301/24

THAT, we send a letter of thanks to the Nurses for Nurses Week.

Carried

8.5 Council New Business

Councillor Burns noted that some of the recent logging sites are starting to be replanted.

Councillor Hobenshield suggested that Council look at setting an example on Earth Day 2025 by having an event such as a

community clean up. She also asked about creek cleanup and staff advised that this was a task taken on by Chicago Creek Community Enhancement Society.

Councillor Henwood asked about the new trail between the office and Laurier Street. The Trail is roughly ½ completed. Once the first section is completed, staff will then do another trail that winds near the creek and comes out at the front of the office.

9. IN-CAMERA

Move to a closed meeting pursuant to S. 90.1 (e) of the Community Charter

RESOLUTION 8302/24

THAT, the meeting be closed to the public in accordance with S. 90.1 (e) of the Community Charter.

Carried

10. ADJOURNMENT

RESOLUTION 8303/24

THAT, we adjourn the regular meeting at 8:15pm

Carried

CERTIFIED THIS 3RD DAY OF JUNE, 2024

Mayor

Chief Administrative Officer

BRIEFING NOTE

Prepared by: Wendy Hunt

May 10, 2024

Agenda Item Report:

Potential Designs for New Banners

Background:

The District typically replaces their banners every 3-5 years depending on wear and tear. With the exception of the last installation, staff has typically been tasked with choosing a banner design. In 2018, Council expressed their wish to have a contest to have local designs on the banners rather than a stock design from the flag company that we purchase banners from. We received 4 design submissions for the contest and a committee picked the winner and we had the flag company design the actual file that would be put on the banner.

The banners are now looking quite faded and in need of replacement. The banners are scheduled for replacement in 2025 under the current 5 year financial plan.

Update:

In addition to the replacement of the banners themselves, staff is recommending that the brackets that hold the banners be replaced also. They are no longer holding the banners very well and to help the banners last longer, it would be beneficial to replace the brackets. This will hold the banners tighter and also straighter whereas currently the banners shift, especially after strong winds. The cost of the brackets will be covered under general operations funds.

As we now have a graphic designer on staff through Leah Pipe's position at the Visitor Center, Leah suggested that we look at banners that might tie in nicely with the new display that is being put upstairs in the Visitor Center with the help of a Destination BC grant. Although the images themselves are not taken directly from the exhibit, they are artistically suited to compliment the exhibit as well as the diversity of the animals throughout the Hazeltons that visitors might see.

Administration is seeking input from Council as to whether or not they would like to go with Leah's design for the banners for 2025. If Council likes the concept but has suggested changes a committee could be struck to work with Leah to reach a conclusion that everyone is happy with.

Recommendation:

For discussion purposes. Staff is excited about the opportunity to tie the banners in with the display at the Visitor Center and feel that the designs fit nicely with our area.















District of New Hazelton & Village of Hazelton

Economic Development Strategic Plan



Prepared by:

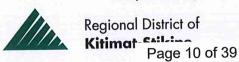
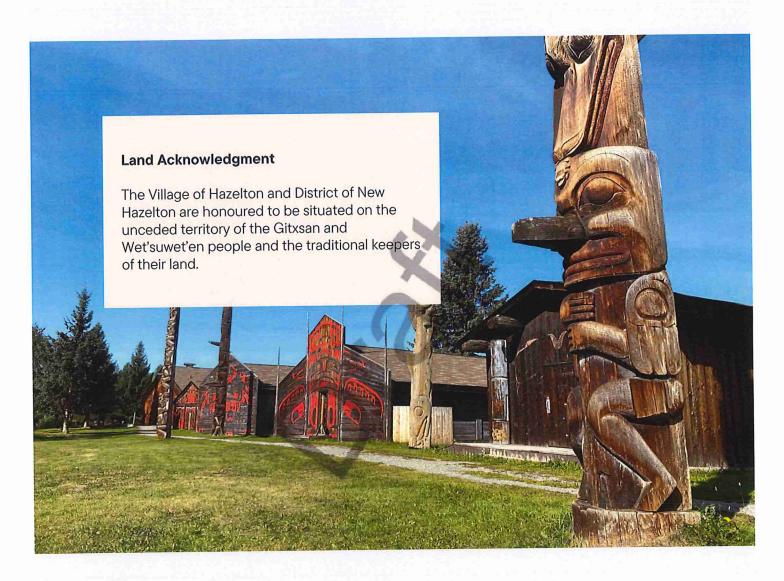


Table of Contents

Introduction	3
Economic Overview	4
Values, Vision, and Mission	6
Strengths, Weaknesses, Opportunities, and Threats Analisys	8
Strategic Areas	9
Feedback Mechanism	22
Contacts	23

Introduction

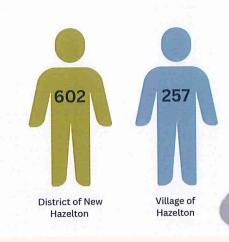


Executive Summary

In late 2022, the Village of Hazelton and District of New Hazelton began efforts to create an Economic Development Strategic plan. Economic Development initiatives for both municipalities are managed by the Regional District of Kitimat-Stikine (RDKS). Prior to the development of this plan, Economic Development initiatives have followed the regional plan by the RDKS. While these initiatives have fostered meaningful growth in the Hazeltons, Councils expressed interest in an independent plan, meeting the unique needs of the Hazeltons and supporting the people who call it home.

Economic Overview

Population & Demographic

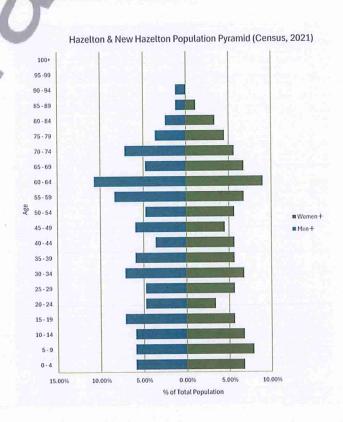


Population

There is a total population of 859 people residing within the District of New Hazelton, and Village of Hazelton municipal boundaries (Census, 2021)

Demographic by Age and Gender

The population pyramid for Hazelton & New Hazelton in 2021 exhibits a roughly symmetrical distribution between males and females across most age groups. There is a noticeable bulge in the age groups from 55 to 74, particularly in the 60-64 age bracket. The 50-54 and 45-49 age groups also have substantial populations, indicating a strong middle-aged cohort that is likely still in the workforce. The population in younger age groups, particularly those under 20, is smaller compared to older age groups. This trend might indicate lower birth rates or young families moving away from the area.



Economic Overview

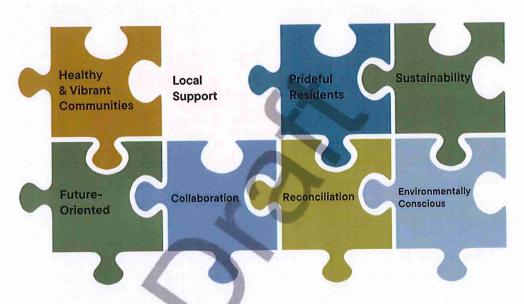
Labour Force & Housing



Values

A Bigger Picture

The strategic plan for Hazelton and New Hazelton is grounded in a set of core values identified through thoughtful conversations with our Councils, reflecting our shared vision for the future.



At the heart of our initiatives is the commitment to fostering healthy and vibrant communities where wellness and vitality are prioritized. We celebrate community pride, recognizing and elevating the unique identity and achievements of our communities. Embracing sustainability and environmental consciousness, our actions are designed to safeguard natural resources, ensuring they are preserved for future generations. Our approach to reconciliation acknowledges past injustices and seeks to build bridges through meaningful partnerships with Indigenous communities. We remain future-oriented, continually adapting to emerging challenges and opportunities. Moreover, our commitment to supporting local endeavors emphasizes the importance of nurturing local businesses and talent. Central to all these values is collaboration, which enables us to weave these principles into the fabric of our community's development, ensuring comprehensive and inclusive growth.

Mission & Vision Statements

Mission

"Empower and support Hazelton and New Hazelton's economic environment through strategic initiatives that nurture local businesses, attract and develop a skilled workforce, promote tourism, and foster a diversified economic base to improve community well-being and economic stability today."

Vision

"Transform Hazelton and New Hazelton into dynamic, prosperous communities where the local economy thrives on innovation and diversity, residents enjoy high standards of living, and visitors are drawn to our unique cultural and natural treasures, setting a benchmark for rural economic development."

SWOTS Analysis

Strengths, Weaknesses, Opportunities, & Threats

A multi-dimensional review of Hazelton and New Hazelton's Strengths, Weaknesses, Opportunities, & Threats was completed. The results are demonstrated below.

POSITIVE

STRENGTHS

- Community Cohesion: Strong ties within the community can facilitate grassroots initiatives and enhance public support for local projects.
- Geographic Location: Located near natural resources and tourist attractions, offering potential for eco-tourism and resource-based industries.
- Existing Small Business Network: A network of small businesses provides a foundation to build upon, with potential for creating a supportive ecosystem for new startups.
- Historical and Cultural Attractions: Unique historical and cultural sites that can be leveraged to attract tourism and educational opportunities.

NEGATIVE

WEAKNESSES

- Infrastructure Limitations: Potential lack of existing infrastructure to support rapid economic expansion, particularly in tourism and tech-focused industries.
- Limited Workforce Skills: Skills gap in the local labor force may hinder business development and attraction of new industries.
- Economic Dependency: Over-reliance on specific sectors, making the economy vulnerable to sectorspecific downturns.
- Resource Constraints: Limited financial resources and human capital can restrict the scope and scale of development projects.

OPPORTUNITIES

- Emerging Markets and Industries: Opportunity to diversify into sectors like technology and clean energy, which could provide long-term economic stability.
- Sustainability Initiatives: Potential to develop projects focusing on sustainability, attracting ecoconscious investments and grants.

THREATS

- Economic Fluctuations: Vulnerability to broader economic downturns which can affect funding and investment in new initiatives.
- Competition from Neighboring Regions: Other regions may offer more attractive incentives or be more established tourist destinations, drawing away potential visitors and investors.
- Climate Change Impacts: Potential negative impacts on local agriculture and tourism, particularly in eco-sensitive areas.
- Outmigration of Youth: Young residents may move to urban centers for better opportunities, draining the local talent pool and reducing the workforce.
- Economic Dependence on Few Industries: High dependence on a limited number of industries can lead to economic vulnerability if those industries falter.

Strategic Areas

The following strategic areas and goals were identified by Councilors. These strategic areas are based on lived experience, statistical data, and previously identified strategic priorities from municipal strategic plans, highlighting the overarching areas with potential for growth through economic improvement initiatives.

1	Local Business & Organizational Support	Help existing businesses and community organizations thrive by strengthening competitiveness and sustainability.
2	Tourism Promotion	Increase tourism in Hazelton and New Hazelton by positioning our communities as premier tourism destinations.
3	Labour Force	Build a skilled, versatile, and satisfied workforce to meet the current and future needs of the economy.
4	Diversified Tax Base	Diversify the economic base to create stable and sustainable revenue streams.

Note: This strategic plan aims to create a framework that not only addresses immediate economic challenges but also sets the groundwork for long-term prosperity in Hazelton and New Hazelton.



The strategic area of Local Business & Organizational Support is dedicated to fostering a robust environment for Hazelton and New Hazelton's businesses and organizations, enhancing their competitiveness, and ensuring their long-term sustainability. This strategy aims to empower local entities through resources, networking, and financial support, creating a thriving economic landscape that benefits the entire community.

Local Business & Organizational Support

Objectives

- Enhance Business Growth: Accelerate the expansion and development of local businesses to increase economic vitality and community resilience.
- Strengthen Support Networks: Build and reinforce networks that foster collaboration and mutual support among businesses and community organizations.
- Expand Access to Resources: Provide businesses with easier access to financial resources, training, and mentorship programs.

Expected Outcomes

- Business Growth: Increased number of startups and expansion of existing businesses due to enhanced support and resource availability.
- Economic Resilience: Greater adaptability and resilience among local businesses, helping them withstand economic downturns.
- Community Involvement: Engagement from the local community in supporting and sustaining the business ecosystem.

Evaluation Metrics

- Business Survival Rates: Monitor the survival and growth rates of businesses
- Participation in Events: Track attendance and active participation in networking events and training workshops.
- Feedback from Businesses: Conduct regular surveys to gather feedback from businesses on the effectiveness of the support structures in place.

This strategic area is vital for the economic health of Hazelton and New Hazelton, ensuring that local businesses not only survive but thrive, contributing to the overall prosperity and vibrancy of the community.

Local Business & Organizational Support

Key Initiatives

To ensure the successful realization of our strategic objectives, the following implementation plan details specific actions associated with each key initiative, designed to strengthen and grow Hazelton and New Hazelton's local business environment.

	Key Initiatives	Goal	Action Items
1.	Local Business Network	Strengthen connections between local businesses to facilitate mutual support, collaboration, and collective growth.	Organize networking events to foster connections across various sectors.
2.	Marketing Support	Enhance the visibility and market reach of local businesses through targeted marketing strategies and tools.	 Provide workshops for digital marketing and social media management. Organize marketing events, such as a trade show to promote marketing efforts. Promote local businesses through multiple platforms, notably the local Newspaper and Business Directory. Facilitate the Business Façade Improvement Program to enable storefront businesses to enhance their exterior attractiveness.
3.	Resource Sharing	Optimize the utilization of local business resources through cooperative sharing initiatives.	 Implement a digital platform for businesses to list and access shared resources, including administrative services and logistics support. Provide access to a Community Grant Writer to leverage available funding opportunities.



The strategic area of Tourism Promotion focuses on enhancing the visibility and attractiveness of Hazelton and New Hazelton as premier tourism destinations. This strategy aims to leverage the unique cultural, historical, and natural assets of the region to attract more visitors and increase tourism revenue.

Tourism Promotion

Objectives

- Boost Tourist Visits: Increase the number of visitors and extend their stay duration through targeted marketing and improved tourism experiences.
- **Enhance Tourist Experiences:** Provide high-quality, memorable tourism services and attractions that highlight the unique aspects of Hazelton and New Hazelton.
- Promote Sustainable Tourism Practices: Encourage eco-friendly tourism practices
 that preserve the natural and cultural heritage of the area.

Expected Outcomes

- Increased Tourism: Significant growth in the number of visitors and length of stays, contributing to local economic development.
- Enhanced Visitor Satisfaction: Improved ratings on tourism satisfaction and increased repeat visits.
- **Environmental and Cultural Preservation:** Strong adherence to sustainable practices, ensuring the long-term viability of tourism in the region.

Evaluation Metrics

- Visitor Numbers and Revenue: Track increases in tourism numbers and associated economic impacts.
- Satisfaction Surveys: Regularly survey visitors for feedback on attractions, services, and overall experience.
- Sustainability Indicators: Monitor the adoption of sustainable practices among local businesses and the condition of natural and cultural sites.

This strategic area is pivotal in transforming Hazelton and New Hazelton into destinations that are not only popular but also responsible stewards of their rich cultural and natural resources.

Tourism Promotion

Key Initiatives

To ensure the successful realization of our strategic objectives, the following implementation plan details specific actions associated with each key initiative, designed to strengthen and grow Hazelton and New Hazelton's tourism industry.

	Key Initiatives	Goal	Action Items
	Rey Illitiatives	Coul	Development of the Hazeltons branding and
1.	Destination Development	Enhance the overall appeal and functionality of Hazelton and New Hazelton as key tourist destinations instead of a pass-through.	 theme. Development of promotional material. Enhance existing key attractions, ensuring they are accessible and engaging for a diverse range of visitors. Work with local stakeholders to identify and create new tourist attractions that capitalize on the region's unique cultural and natural assets. Implement comprehensive wayfinding and informational signage, and public art throughout tourist areas to improve visitor navigation and satisfaction.
2	Tourism Infrastructure Development	Enhance the physical infrastructure to support tourism and improve visitor experiences.	 Development of a signage strategy Upgrade trail information and signage in key tourist areas. Visitor Centre Improvements to increase length of open months, and generate increased tourism revenue.
3	Sustainable Tourism Initiatives	Promote and implement sustainable practices within the tourism sector.	 Explore partnerships with local organizations regarding eco-tours and conservation programs that educate visitors about the local environment and cultural heritage. Encourage local businesses to adopt green practices by sharing training resources.



The strategic area of Labour Force focuses on enhancing the skills, flexibility, and satisfaction of Hazelton and New Hazelton's workforce to meet the current and future economic needs. This strategy aims to attract, develop, and retain a skilled workforce that is well-aligned with the evolving demands of local industries.

Labour Force Strategy

Objectives

- Skill Enhancement: Leverage local resources to upgrade workforce skills in alignment with economic demands, especially among young workers.
- Workforce Attraction and Retention: Create a supportive work environment that attracts and retains talent using cost-effective measures, with an emphasis on young professionals.
- Housing Solutions: Advocate to senior governments to ensure the availability of affordable and suitable housing options are available to support workforce stability and growth.

Expected Outcomes

- Enhanced Skills: A more skilled workforce ready to meet the demands of a modern economy.
- Increased Employment Rates: Higher employment and lower turnover rates due to improved job satisfaction and community engagement.
- Stable Housing Market: Accessible and affordable housing contributing to workforce stability and economic growth.

Evaluation Metrics

- **Training Participation Rates:** Monitor the uptake and completion rates of local training initiatives, with a specific focus on young participants.
- Employee Retention Rates: Evaluate changes in local employment stability as a result of new retention strategies.
- Housing Availability and Affordability: Assess the impact of housing initiatives on availability and cost of living for the workforce.

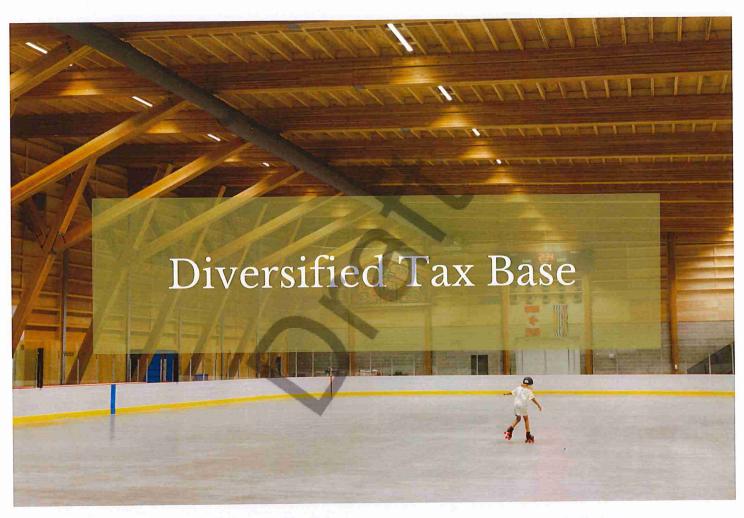
This strategic area is designed to build a resilient and skilled labour force, equipped with appropriate housing and development opportunities, which will drive economic growth and innovation in Hazelton and New Hazelton, ensuring a prosperous future for the community.

Labour Force Strategy

Key Initiatives

To ensure the successful realization of our strategic objectives, the following implementation plan details specific actions associated with each key initiative, designed to strengthen and grow Hazelton and New Hazelton's labour force.

	Key Initiatives	<mark>Goa</mark> l	Action Items
1.	Local Workforce Solutions	Utilize community resources to offer targeted training adapted to the needs of local businesses and industries, with specific programs aimed at retaining young talent.	 Partner with local businesses and educational institutions to identify gaps in skills and promote targeted training programs. Identify partnerships to support businesses who offer compensation packages to include competitive wages, comprehensive health benefits, and family-friendly policies. Support and encourage businesses to utilize university co-op employment placement programs.
2.	Talent Attraction and Retention Initiatives	Make Hazelton and New Hazelton preferred locations for talented workers seeking quality employment and lifestyle.	 Participate in regional marketing campaign that highlights the benefits of living and working in Hazelton and New Hazelton. Enhance the work-life balance through local recreational programs and infrastructure. Implement a recognition method for employers who excel in employee satisfaction and retention.
3.	Hou <mark>si</mark> ng Solutions	Advocate to senior governments to ensure the availability of affordable and suitable housing options are available to support workforce stability and growth.	 Advocate for local and provincial housing programs and initiatives. Partner, when possible, with local real estate developments, local indigenous leaders, and non-profits to identify and modify underutilized properties for residential use.



The strategic area of Diversified Tax Base focuses on broadening the economic foundations of Hazelton and New Hazelton to create a more stable and resilient local economy. This strategy aims to attract new industries, support the development of infrastructure and ensure a sustainable revenue stream that supports community growth and development.

Diversified Tax Base

Key Initiatives

To ensure the successful realization of our strategic objectives, the following implementation plan details specific actions associated with each key initiative, designed to diversify Hazelton and New Hazelton's tax base.



Diversified Tax Base

Objectives

- Attract New Industries: Encourage the development of diverse economic sectors to reduce reliance on traditional industries.
- **Sustainable Revenue Growth:** Establish a stable and growing tax base to fund public services and infrastructure.

Expected Outcomes

- **Industry Growth:** Diversification of the local economy with new and sustainable industries establishing operations.
- **Stable Financial Resources:** A broader tax base that provides greater financial stability and capacity to fund public projects.

Evaluation Metrics

- Business Establishment Rates: Track the number and type of new businesses establishing in the area.
- **Infrastructure Improvements:** Evaluate the completion and impact of infrastructure projects on local economic growth.

This strategy is crucial for ensuring the long-term economic health of Hazelton and New Hazelton, creating a diverse and dynamic economic environment that supports sustainable growth and community well-being.

Feedback Mechanism

Quarterly Council Updates

Provide economic development activity updates and data on economic indicators such as employment rates, business growth, tourism numbers, and tax revenue.

Annual joint Council Meetings

Host annual joint economic development meetings with both Councils. This provides opportunity for a more indepth review of activities, and conversation surrounding priority assessments.

Flexibility

Adjust strategies based on feedback and changing conditions to ensure the plan remains effective and relevant.

2026 Completion Review

A final review of the strategic plan will be completed in 2026, where priorities can be reassessed to determine what has effectively been completed, if there are any outstanding action items, and how to move forward.

A Plan for Action

The 2024-2026 timeline was chosen to align with the election period, allowing the plan to compliment current councilor priorities, and a review to occur naturally following the next election period.

Contact us for Further Inquiries



Village of Hazelton	District of New Hazelton	Regional District of Kltimat-Stikine
Robyn Carlé, Chief Administrative Officer	Wendy Hunt, Chief Administrative Officer	Meghan Bowles, Economic Development Officer
cao@hazelton.ca 250-842-5991	whunt@newhazelton.ca 250-842-6571	mbowles@rdks.bc.ca 250-615-6100





Local Leadership United (LLU):

Elected officials are invited to participate in a facilitated dialogue about healthy communities & the Unregulated Drug Poisoning Crisis.

Dear Representatives and City Staff,

We recognize that local governments are uniquely positioned to lead public conversations and galvanize efforts to reduce substance-related harms in their communities. Great work has been happening at the local level to respond to Unregulated Drug Poisoning Crisis, alongside other major challenges (i.e. homelessness, COVID-19, climate events). To support your community's ongoing efforts, elected officials are invited to participate in a regional convening of local governments and local health resources from your region.

This free event is part of a provincial project delivered through a partnership between Community Action Initiative (CAI) and the British Columbia Centre for Disease control (BCCDC). Since April 2022, Local Leadership United (LLU) has engaged over 60 local governments across BC at in-person dialogue events. LLU also presented at the UBCM AGM, the Metro Vancouver Mayor's table, and is providing training to bylaw, other first responders and service providers across the province. Facilitated by a team of experienced harm reduction & community health educators, LLU dialogues provide a supportive, safe-space for leaders who are interested or engaged in harm reduction and overdose prevention efforts to grow their knowledge, skills, and to network with the local resources who can support their work. We also discuss how harm reduction is interconnected with local government mandates and an approach that supports success with respect to larger goals (i.e., public safety, homelessness).

An agenda is attached below.

"I have learned how much I don't know. I am so proud of all the work happening in our community and know we can get through this together" — City Councillor at close of the LLU Northeast event

"It has been so supportive to have a third party hold neutral, safe space for these tough conversations. Relationships have been formed and strengthened, and we are excited for where new partnerships will take us" — Partners at Fraser Health after three LLU events in the region

Date: Friday, June 28th, 2024, 9:00am – 4:00pm

Location: Prestige Hudson Bay Lodge & Conference Centre (Glacier Room), 3251 BC-16, Smithers, BC VOJ 2NO

Register: LLUSmithers.eventbrite.com

We can offer \$0.70/km in mileage to cover travel to and from the event. Should you have any questions or wish to discuss the project further, please reach out to our Project Manager, Noah Chalifoux, nchalifoux@caibc.ca.

Thank you for taking the time to read this invitation and we hope to see you at our event!

Most sincerely,

Janine Stevenson,

Director of Strategic Initatives & Special Projects, Community Action Intiative (CAI)

Local Leadership United (LLU): Regional Dialogue

Healthy Communities and the Overdose Crisis

Agenda
Coffee & Light Breakfast Welcome (9:00-9:30)
Introductions
Update on the Provincial Overdose Crisis/Response
The History of Prohibition
Harm Reduction – What've you heard?
Decriminalization & Change
Lunch & Networking Time (12:00)
Applying Harm Reduction to Local Government Mandates
Introduction to Local Resources
Positive Impacts & Strategy Time
Closing Circle (end by 4:00)



Supporting Locally-Driven Wellness, Across BC

Get in touch: nchalifoux@caibc.ca



May 29, 2024 File: 4069.0000.00

District of New Hazelton 4670 10th Avenue New Hazelton, BC VOJ 2J0

Attention: Wendy Hunt, CAO

RE: INSTRUCTURE PLANNING - WATER MODELLING WORK PROGRAM

1.0 BACKGROUND

The District's water distribution pipe network is an important asset that supports the community. These pipes, although hidden from view during residents' daily activities, support vital aspects of service delivery for which the District is responsible. Careful maintenance and operation of the water distribution system ensures reliable provision of potable water and fire protection to customers.

The District of New Hazelton has seen recent development activity and inquiries about development potential in the community. To support development, there is a need to ensure that the existing water distribution system can has capacity to provide both potable water and fire protection into the future. In addition, the District provides water to the Hagwilget Village who intend to further develop and who have had several water leaks recently in their distribution network.

The District and Hagwilget both have active Asset Management Programs that are updated regularly where lifecycle planning is considered based on the age of the system and yet to incorporate needed capacity upgrades. There is a desire to further understand priority upgrades that would enable you to support development as well as sustain services as the existing system continues age and the system is expanded.

It is important to understand the capacity of these piped networks and if upgrades or expansions are required to ensure desired service levels are provided. Computer-based models are used to achieve this understanding and can be updated as the community evolves and needs change. It is our understanding that the District does not have models for any of its pipe networks and is interested in building a water model to be used to inform infrastructure investment decisions.

Developing computer-based models of the water system will enable the following:

- Capacity analysis of the existing pipe networks;
- · Identify system capacity concerns;
- Assess the impacts of growth;
- Identify pipe upgrades or upsizing requirements to ensure adequate service levels, and
- Help inform the District's asset management program and prioritize capital upgrades.

URBAN SYSTEMS

DATE: May 29, 2024

FILE: 4069.0000.00

PAGE: 2 of 4

ATTENTION: Wendy Hunt, CAO

2.0 MODEL DEVELOPMENT OVERVIEW

Pipe network models can range from basic (answer only high-level questions) to complex (answer very detailed questions). We propose to develop a model that represent the District's systems at an appropriate complexity to answer capacity related questions and plan for potential infrastructure needs. The model will form a base for future analysis and will be set up to enable the addition of more complexity as required.

PROPOSED SCOPE OF WORK 3.0

3.1 DATA ENTRY. CONVERSION AND MODEL CREATION

As part of the District's Asset Management Program, a GIS-based water system asset inventory was prepared. From the GIS inventory, the data will be imported into the appropriate modelling program. We recommend and plan to use WaterCAD for the District's water distribution model, which is the industry standard in North America.

3.2 FLOW GENERATION AND ALLOCATION

- Analyze records to determine current water use patterns, based on flows from the water treatment plant:
- Average Day Demand (ADD)
- Maximum Day Demand (MDD)
- Peak Hour Demand (PHD)
- Identify major users of the system (i.e. bulk water station, industrial users) that are worth special note when assigning flows in the model; and
- Flows will be distributed by spreading the Maximum Day Demands evenly across nodes in the models, with exceptions for unique or high-end users.

EXISTING SYSTEM ANALYSIS 3.3

We will analyze the existing networks under select scenarios (to be determined in conjunction with Urban Systems and District staff). For our budgeting we have assumed the following analysis will be done, with all scenarios analyzed under steady state conditions:

- Static pressure review (identify minimum and maximum pressure issues)
- Peak hour demand (identify locations where pressures go below 40 psi during high demand periods)
- Fire flow analysis (calculate available flow at all nodes in the water model and identify where fire flows cannot be provided without reducing pressure in the distribution system to less than 20 psi or having water velocity in the mains being too high)

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DATE: May 29, 2024

FILE: 4069.0000.00

PAGE: 3 of 4

ATTENTION: Wendy Hunt, CAO

3.4 **BUILD-OUT SYSTEM ANALYSIS**

We will use the District's OCP (currently being updated), any recent future development plans available, and discussions with District staff to determine a possible future land-use scenario including increased densities as required. It is anticipated that a 20-year horizon will be sufficient for informing upcoming infrastructure decisions.

3.5 REPORTING

The final report will include a summary of the model development process, summarized key findings, outlined recommendations and next steps necessary to validate and calibrate each model. 3 or 4 figures will also be included in each report to help visually communicate results of the modelling.

3.6 INCORPORATE MODEL RESULTS INTO WEB-BASED GIS PLATFORM

The model outputs will be incorporated back into the GIS-based asset management program and be used to prioritize capital planning. This information will be incorporated into a web-based platform so that it can be accessed directly by District staff.

4.0 BUDGET AND SCHEDULE

The proposed budget to tackle the above scope of work is \$18,000, including 8% disbursements but not GST.

We are aware that the District intends to use this work program to inform an infrastructure planning grant application so the schedule for this work will be dependent on when funding is received. If funding is made available in June 2024, then work should be able to be completed by the end of 2024. Work can begin immediately after project approval.

TERMS AND CONDITIONS 5.0

Our Standard Conditions for this work are attached.

CONCLUSION 6.0

A water model will be a crucial tool in water system planning. We look forward to working with the District to meet the needs of the community.

Sincerely,

URBAN SYSTEMS LTD.

Wade Turner, GISP

Community Consultant/Principal

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Rishi Gaba, EIT **Project Engineer**

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DATE: May 29, 2024

FILE: 4069.0000.00

PAGE: 4 of 4

ATTENTION: Wendy Hunt, CAO

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file://uslurban-systems.com/projects/Projects_KAM/4069/0000/00/R-Reports-Studies-Documents-Proposals/2024%20Water%20Model%20Work%20Program/2024-05-27%20New%20Hazelton%20Water%20Model%20Work%20Program.docx



COUNCIL SCHEDULE:

- June 19, 2024 National Indigenous Peoples' Day
- July 01, 2024 Canada Day Council to start at 7:30 am
- July 02, 2024 Property Taxes Due
- July 08, 2024 Regular Council Meeting
- August 05, 2024 BC Day Office Closed
- August 12, 2024 Regular Council Meeting
- September 02, 2024 Labour Day Office Closed
- September 09, 2024 Regular Council Meeting
- September 16 20, 2024 UBCM Vancouver

A reminder that there is a burn ban for Category 2 & 3 fires. Campfires are permitted provided no larger than 0.5 meters in width and height.