

*Redberry Lake Biosphere Reserve: Regional Planning Framework
And
Work Plan Update*



By: Lenore Swystun
of



July 6, 2010

1. Basic Project Background and Overview

In December 2008, Redberry Lake Biosphere Reserve (RLBR) Board Chair, Larry Hawrysh contacted Lenore Swystun of Prairie Wild Consulting Co. to discuss the potential of doing some “regional planning and capacity building” for the Biosphere Reserve. Larry shared that the Canadian Biosphere Reserve Association (CBRA) was provided an allocation of funding for such initiatives and that he wanted the Board to consider moving the process forward in the New Year if possible.

In January 2009, Lenore Swystun and Kelley Moore met with Larry and Diane Hawrysh, and Peter Kingsmill, all of whom sit on the RLBR Board to further discuss this consideration. It was agreed that Lenore would attend a board meeting in January to discuss such consideration with the Board. On January 14th Lenore attended a RLBR board meeting and it was approved that a portion of funds allocated through CBRA would be allocated toward building regional capacity in the wider biosphere region. This decision was based, in part, on two related initiatives: 1) the success of a sustainable community planning process that undertaken by the Town of Hafford in 2008— a key stakeholder within the BR, and, 2) a regional capacity pilot project that Lenore Swystun facilitated in the area as part of a wider provincial regional capacity initiative.

The following framework and work plan will build on the sustainable planning process and efforts that were undertaken in 2001. This includes reviewing and updating the goals and actionable items that were identified in the report prepared written by Sherry Sian, entitled, *Redberry Biosphere Reserve: A Community's Plan for Sustainability* (March 31, 2001).

2. General Regional Sustainability Planning Objectives

- Prairie Wild Consulting Co. will work with the community of RLBR to further develop, update and advance the contents of the Redberry Lake Sustainability Plan that was originally done in March 2001 to create a Regional Sustainability Plan for the RLBR. The range of partners involved to be determined through the planning process.
- To work with the Board and Coordinating Team, to develop a participatory community planning process from which the further development of the Sustainability Planning initiatives can be moved forward – which in turn will provide a blueprint for a relevant set of sustainable policies and recommended actions for the community of RLBR and assist in providing an overall Regional Community Plan for the municipalities that become part of the process.
- To work as participants in this process to have fun, learn with and from each other and the community, in building a successful regional plan and process for the greater community of RLBR.

3. About the Team

Prairie Wild Consulting, in collaboration with its Associates, brings well over a century of experience to the field of community planning, social research and community development. Each team member brings a complimentary set of skills, understanding and experience to ensure quality service and a successful end product.

- Lenore Swystun (MA, Provincial Member CIP). Lenore is the Project Lead and the founder and principal operator of Prairie Wild Consulting Co. for the past twelve years. With her roots coming from the Redberry Lake area, Lenore is a community planning and development professional who brings a quality skill set and experience in the fields of: municipal capacity development; comprehensive community planning; local governance; heritage planning; community and civic engagement; facilitation, international development; and related social research. She is a former elected representative, an awarded community volunteer, and serves on a number of community boards and commissions. Lenore is in high demand as a community facilitator/planning consultant, known for her collaborative, interactive and innovative style. She is also a part-time Lecturer at the University of Saskatchewan.
- Kelley Moore (MCIP). Kelley joined the company in 2002. Kelley, as a community and social planner, has worked on projects spanning five different levels of government over the past twelve years. Her work has covered a variety of fields including: town planning; local area planning; intermunicipal planning; international

development; social policy development; and human service integration. Kelley is undertaking an Interdisciplinary Master of Arts at the University of Saskatchewan. Her research focus is democracy and development. Ms. Moore is a full member of the Canadian Institute of Planners and has been nationally recognized for her experience in comprehensive planning and citizen engagement.

Prairie Wild Consulting Co. works with a number of Associates. Senior Team members include:

Senior Research Associates

- Heather Bernardin holds a Masters of Arts in Geography and a post-graduate certificate in Graphic Information Systems. Her work experience ranges from being involved in community health and community indicator projects, to projects focused on quality of life indicators, housing affordability indicators and neighbourhood demographic projects. She is involved with Prairie Wild on projects related to the development of indicators for the Institute of Wellbeing.
- Bill Holden. BA, Hon. (U of S) Regional and Urban Development Program. Bill works as a Senior Planner with the City of Saskatoon; Co-Chair of CUISR (Community University Institute for Social Research) and is currently working with Prairie Wild on the development of indicators for the Canadian Institute of Wellbeing.

Senior Planning Associates

- Karen Thogersen (MCIP), originally from Hanley, Saskatchewan. In addition to a degree in Regional and Urban Planning, Karen also has a Certificate in Urban Design from Simon Fraser University and twenty plus years experience as an Agriculture Producer. Recent successes include: development of a Growth Management Plan for the Water Wolf area (MidSask ER); an Inter-Municipal Plan with the Rural Municipalities of Rosthern and Laird, as well as an Official Community Plan for the Town of Unity. Karen currently resides in Saskatoon.
- DGMercer Eco Research formed in March 2007 and is the company of Dwight G. Mercer (Provisional Member, CIP) from Regina. Based on 30 years experience, the company restricts its consulting services to: small urban and regional strategic land use planning, municipal capacity building, sustainable development and sustainable subdivisions, solid waste management with emphasis on waste minimization, and aquifer protection and comprehensive floodplain management.
- Tim Cheesman (MCIP) brings extensive experience at various scales of planning and management, community capacity development, environmental and resource management, and municipal policy development. Strong emphasis on rural and urban planning, socio economic impacts and integrated community and resource management. Tim is also a full member of SK Institute of Agrologists (P.Ag).

Community Planning Interns

- Caitlin Nahirney. A recent high honours graduate with the Regional and Urban Planning Program at the University of Saskatchewan, Caitlin will be working on numerous Prairie Wild projects. She is from Saskatoon with roots planted in the rural central eastern part of Saskatchewan. Caitlin is a welcome addition to our team.
- Jade Luzny. Jade is a third year student enrolled in the Regional and Urban Planning Program at the University of Saskatchewan. Thanks to funding provided by SEIMA Jade will be interning with our firm over the summer. We look forward to having her onboard.

Together, Prairie Wild Consulting, in collaboration with its Associates, brings near a century of experience to the field of community planning and community development. Each team member brings a complimentary set of skills, understandings and experience to this planning process to ensure a quality service and end product.

4. Community Planning to be utilized

During the development of the RLBR Regional Sustainability Plan, citizens, partners, and other stakeholders will work together to create a vision, identify issues, develop goals and outline strategies to ensure the long-term success of the community. The process will utilize a 9 step process.

1. Compile Background Research (e.g. collect historical information, statistics, existing studies etc...)
2. Community Meeting (held in March 2009)
3. Formation of a RLBR Working Group (that includes a diverse range of stakeholders) (March-April 2010)
4. Review vision & guiding goals (process has begun)

5. Map the Community's Current Condition (e.g. using a community mapping exercise to identify strengths, challenges & opportunities) (specific meetings held March-April 2010)
6. Map the Community's Future Vision (e.g. begin outlining areas for enhancement or improvement within the various theme areas identified by the community such as land use, recreation, heritage, green space, facilities and environmental stewardship) (underway)
7. Provide potential for a set of measurable indicators and targets for each of the themes (best practices underway)
8. Write, Present & Revise the Regional Plan (draft to be done in 2011)
9. Partners to adopt the RLBR Plan and Implementation Plan (2011)
10. Annually Monitor, Evaluate (using SMART principles – Simple, Measurable, Achievable, Realistic, and Timely) and Report on RLBR Plan progress (ongoing)

5. Work Plan and Timeline

The following table provides a breakdown of the list of tasks and associated timeline. A reasonable duration for a project of this scope is approximately 18-24 months (depending on resource availability and other considerations). Start date for this project to be considered March 2009 and concluding with community stakeholder/partner and provincial/federal/external approvals in early 2011.

The project tasks are organized in four phases: 1) gathering and collecting information; 2) community assessment and community engagement 3) developing a Regional Community Plan; and 4) concurrently providing guidance and input into related projects, activities and programs being undertaken by the Board and Coordination Team.

Table 4.1 Project Work Plan

Task	Timeline 2009-2011	Status
Phase I: Gathering and collecting Information to develop OCP/By-laws		
<ul style="list-style-type: none"> • Prepare brief proposal for RLBR based on preliminary work to-date 	January 2009 & March 2009	Original document to review Sustainability Plan developed in January. This work plan first presented in March 2009.
<ul style="list-style-type: none"> • Meet with RLBR Board and Coordination team to provide an assessment of the needs of the regional planning process 	January – Preliminary meetings underway Ongoing	Have attended 4 Board meeting and have engaged in meetings with RLBR Coordination Team aka Staff. Note: as of early 2010, this team 'shrunk' due to loss of provincial funding and FT Coordinator position.
<ul style="list-style-type: none"> • Develop a process for obtaining background information to help with assessment of regional planning process needs 	April-December 2009	Developed and distributed a questionnaire and to RLBR Coordination Team for input (March 3, 2009)
<ul style="list-style-type: none"> • Merge background materials collected with other relevant statistical information gathered for a background report 	January-May 2010	Underway. An updated community profile has been developed for the region – including an expanded range of stakeholders. See more below.
<ul style="list-style-type: none"> • Community Stakeholder Meetings with Regional Stakeholders to “kick-start” regional sustainability planning process. 	Meetings held March and April 2010	Through a series of three community mapping meetings – have undertaken the first steps to reviewing the original goals/objectives of the 2001 plan. In the process of defining who will take leads on which areas – reliant on feedback from Board and resources available
<ul style="list-style-type: none"> • Develop and enlist a team of technical assistance required to support planning 	On going	Including PW associates working with Executive Director to develop local and

Task	Timeline 2009-2011	Status
process including: mapping, database development, research into best practices		professional network
<ul style="list-style-type: none"> Develop list of potential partners/community stakeholders 	January 2009-ongoing	Regional Partners have been expanded to include: RMs of Mayfield and Blaine Lake and identified FN with TLE lands. Key capacity building required to continue to build support for process.
<ul style="list-style-type: none"> Develop regular communications mechanism for RLBR team 	Ongoing	Strategy for communications to be outlined through process.
<ul style="list-style-type: none"> Create Sustainability Planning Process template/outline for Team based on best practices of other BRs and regional initiatives. 	To be completed by end of August	A template is being undertaken by PW to help inform this. Note: this is pioneering work in SK. With Associates of PW being leaders in developing regional plans.
<ul style="list-style-type: none"> Other as required and needed 		
Phase II: Community Assessment and Community Engagement		
<ul style="list-style-type: none"> Communication/promotion: to share process and potentially include a community survey to assist with gathering information on community assets/condition/issue/potentials 	March 2009 – ongoing July-August 2010 – targeted meetings with community stakeholders to take place	Have worked with former Coordinator Team and Board to have regular communications in newsletter about process. With recent cutbacks – need to refocus this effort.
<ul style="list-style-type: none"> Work with RLBR to organize and host an introduction to the process and subsequent planning meetings over the next year: including a regional planning charrette/planning meeting 	April 22, 2009 – Introductory Community Meeting took place June 2009 – second working meeting March-April 2010 – specific meetings around community mapping completed Future meetings dates include: sessions after harvest: Oct 2010 November 2010 January 2011	Introductory and first of a series of community meetings and processes has begun. This information will be compiled as part of a community mapping report and will also help to inform the policies contained in the RLBR Regional Sustainability Plan. Further meetings to reflect back work to date to recommence in Fall/Winter 2010/2011 Considerations of farming and other schedules to be considered
<ul style="list-style-type: none"> Assemble, synthesize and analyse community findings into draft report 	Fall/Winter 2010/11	Draft Community Mapping report will be reflected back to community stakeholders and drafts of Sustainability Plan as sections completed.
<ul style="list-style-type: none"> Compile, synthesize and analyse data from planning meetings 	April 2009 until project completion	See above

Task	Timeline 2009-2011	Status
Phase III: Developing the RLBR Regional Plan		
• Draft all sections of Regional Planning Report	Early 2011	
• Conduct and/or partner/piggy back with another event to present Plan to community*4	TBD	
• Present draft plan to RLBR and municipal reps	TBD - 2011	
• Present Final Plan to reps of Municipal Councils and required public hearings (if this is direction agreed to)	TBD- 2011	
• Potential for RLBR Reps to submit Regional Plan for consideration to Province for formal approval	TBD- 2011	
• Celebration	Throughout – at completion of final draft – beyond.	
Phase III: Concurrent Activities Projects		
• Resource allocations	Ongoing. Application to FCM in Summer 2010 – compliment LIRA project	Application for additional funding for project scope and duration e.g. FCM Green Fund, others
• Supporting other projects	LIRA Land and Infrastructure Assessment Project	
• Other	Other complimentary Official Community Plans and Zoning Bylaw development - ongoing	The Hafford Plan has spurred this initiative and numerous others – including RM of Douglas/Meeting Lake, RM/Town of Blaine Lake-Village of Marcelin,

*Above table is including approximately 20-30 travel trips to RLBR by two or more of the planning team members.

6. Project Budget Parameters

- General estimate of a Regional Planning Process, based on scope, is valued in the range of approximately \$150,000-\$200,000.
- Funding committed in principal to proposal is approximately \$20,000 confirmed and dispersed to date.
- In-kind contributions have been acknowledged. Prairie Wild Consulting Co. will/has provided a portion of its services in kind due to commitment to process and local vested stake in area (one of the partners originating from area with continuing familial and neighbourly ties)
- Expense figures will be based on project scope, resources sources and anticipated benefits of the work as applied to the future sustainability of the community.
- The proposed budget is built on the understanding that in addition to the community's need to hire professional expertise to develop a regional plan and process; community participation and work-to-date by the community is of worth and valued. A suggested estimated value of in-kind volunteer and resource contributions is provided for community tracking and accounting records. Other budget items include: mapping (mapping services to be subcontracted through a known GIS technician); and a nominal amount for travel, accommodation and office expenses.

Table 5.1 Project RLBR Preliminary Budget

Total Project Budget (External)	TO DATE	To Consider		
Expected Revenues	Cash		In-kind	Notes
RLBR Funding	\$20,000		TBD	*based on collective volunteer contrib.'s over period of project
Prairie Wild Consulting		TBD	\$20,000.00 To-date	
FCM		Est. request for \$30,000		*based on request for Town of Hafford and number of municipalities involved
LIRA		approx 20-25,000 or higher		*potential allocation that can be reflected as directly related to this process – as LIRA will fit as a component of this plan
Provincial Potentials: Environment, Municipal Affairs,		approx 20,000		
NWER – via Stakeholders of Meeting Lake, Douglas, other	Approx. \$5,000			*portion of funding provided through NWER community programming that will help inform final RLBR -RSP
CBRA connections		approx 20,000		
Other including potential local stakeholders		Approx 20,000		
Total		approx 160,000.		Combined in-kind and cash
Anticipated Expenses (Investment)				
Prairie Wild Consulting				
Consulting		50,000		
Travel/Accommodation		10,000		
Office		2,500		
Total Prairie Wild Consulting		TBD		
Other				
Administrative Assistance		TBD		Based on percentage of time over duration of project
Volunteer Support Council and Community		TBD		based on volunteer contribution in process
Mapping		TBD		
Meeting Rentals/Food Supplies		TBD		Provision of a civic meeting space.
Advertising/Promotions		TBD		Provision of space utilizing communications to publicize process
Office printing		TBD		Provision of regular printing toward documents for development and final product
Other Total				
Total Budget Expenses (investment)	Est \$150,00-\$200,000 cash plus equal amount in-kind			

Funding and Payment Considerations.

TBA. Prairie Wild Consulting Co. is committed to the undertaking the process with the funds in hand with a confidence that with local capacity and trust building via the process-additional funding will be sourced.

Prairie Wild Consulting Co. invoicing will occur only with respect to funds confirmed and allocated to date.

Additional resource provisions to consider include: FCM Green Fund, Provincial Planning Fund recently approved, and other sources as found and determined suitable e.g. LIRA.

7. Resources required for project

- Background information e.g. current set of bylaws, historic planning documents, copies of budgets and other relevant documents.
 - Mapping technicians: will be able to provide basic zoning map with potential for some mapping layers that include transportation and preliminary future concept areas based on mapping done to date. Provided via PW and LIRA connections.
 - RLBR Coordination Team and other municipal and local support: will be required to provide background information and assist with on-going communications e.g. current bylaws, planning statements, maps, mail outs, newsletters, emailing, and other relevant information.
 - RLBR Board and Municipal Councils: require representation and support and participation in design and planning meetings and advocating for any proposed changes.
 - Community Stakeholders: a list of participants that we can invite to planning meeting/charrette and any other meetings that we participate in.
 - Planning communications: development of a regular electronic communications format and file transfer protocol for posting files and information.
 - Office interfaces: establish the use of Microsoft Office as our word processing program base of choice and the sharing of files in electronic form. Additionally, maps and such to be developed by Technician will be standardized so Engineer firms and others will be able to readily use.
 - Prairie Wild Consulting has small office printers/scanners for the generation of draft reports and such to share with each other. Large print jobs to be provided by the RLBR or other local community stakeholders (e.g. copies of draft plans for council; output of larger maps for mapping exercises).
 - Colleague review and feedback: External colleague(s) may be asked to provide feedback and suggestions pro bono on interim progress and drafts of the Regional Plan and process.
 - Other items/actions as arising and related to project.
-

8. Goals and Objectives from 2001 RLBR A Community's Plan for Sustainability

Via the planning framework outlined above – in the process of reviewing and revising the following goals and objectives. The vision has continued to receive strong support with consideration of minor edits.

Vision

We who reside within the Redberry Lake Biosphere Reserve live and work together in a healthy landscape under a common banner of equality, dignity, and respect. Democratic processes are fundamental to our community decision-making at every level, and community and economic growth are managed in an orderly and considered fashion that can be seen by others as an ideal for human community living and sustainable environmental practice.

GOALS: *Our goals reflect sustainability principles that are valued by our community.*

1. Democratic process will be the fundamental decision-making procedure for actions that affect our community and we will have the right to meaningful and direct participation in the processes of our choice without manipulation from outside agencies.
2. We will maintain, and remain empowered to maintain, a healthy landscape with clean water and air and a thriving diversity of native species.
3. We are engaging our young people in selecting and creating opportunities for recreation, employment, education, and spiritual well-being.
4. We are cooperating with other communities and other agencies and governments in all cases where tangible mutual benefit is assured.
5. We continue to restore degraded soils and waters, as vital ecological services needed for survival.
6. We recognize that the concept of marginal land refers only to agricultural suitability and that non-agricultural lands are also valuable to society at large and worthy of careful management.
7. We offer successful demonstrations of sustainable practice and are in a position to advocate on behalf of other places in Canada and the world that seek to have sustainable communities.
8. Our farms, businesses and community endeavours are profitable.

OBJECTIVES: *In order to meet these goals, we intend to...*

1. Develop mechanisms for our community to help determine acceptable ways to resolve issues negatively affecting the quality of our water, soil, and air as well as our livelihoods (high transportation costs, poor commodity prices).
2. Create fully functional hospitals with adequate medical staff (doctors, nurses and technicians) and explore options to enhance recreational opportunities to meet the needs of all people living in Redberry Lake Biosphere Reserve.
3. Develop a holistic understanding of the linkages between human land use, the environment and health by identifying all inputs to ground and surface water and deep aquifers and the air, and reduce destructive behaviours among local residents (smoking).
4. Maintain small scale, local waste management facilities by reducing waste to organic waste only, and recycling plastic in a cost-effective manner.
5. Convert all industries and activities to be dependent on non-polluting and renewable energy stores.
6. Build and maintain strong relationships with researchers to monitor and sustain rare and endangered wildlife and plants for their inherent value as well as to provide a source of enjoyment and learning for our community.
7. Support a viable farming economy in our area through studies of crop production sustainability and the development of alternative crops to maintain soil fertility.
8. Reconnect consumers with agricultural products that they consume by educating the consumer about the producer and the costs of production.
9. Assess the costs of maintaining wildlife habitat in agricultural areas and develop a method for compensating farmers that provide ecological services for the good of all Saskatchewan and Canadians.
10. Encourage small-scale operations and a marketing strategy for local produce and value added products (heritage crafts) and services (ecotourism, agritourism, agricultural or cultural education).

9. Actionable Items from 2001 RLBR A Community's Plan for Sustainability

The following actions were identified in the 2001 plan. Through initiatives that have occurred over the past ten years the actions are in various stages of implementation. Some of these actions are being re-iterated through current process, others are being revised and new actions are being identified.

Please note that this update is a work in process. Status and next steps columns only partially completed based on information at hand and stage of planning process.

SHORT TERM (1-2 Years)	Partners and Leads	Status	Next Steps
<p>DEVELOP MECHANISMS TO REDUCE GRAIN TRANSPORTATION COSTS.</p> <p>Support the working group already established to pursue a partnership with OmniTRAX Inc to develop the means to reduce grain transportation costs. Develop a strategy for loading grain cars locally. Identify infrastructure requirements and secure resources needed to address infrastructure deficiencies. Secure grain cars. Commence local loading of cars.</p>	<p>OmniTRAX Inc. Jim Epe</p>	<p>2010: A number of regional initiatives have local representation reviewing this action: including the North West Enterprise Region; regional transportation committee</p>	<p>Policies will be required in the Sustainability Plan that reflects goals/objectives identified in this area</p>
<p>DEVELOP A DEMONSTRATION PROJECT FOR HOLISTIC MANAGEMENT.</p> <p>Identify approximately 10 farming families that are looking for environmentally sensitive alternatives for farming for profit and producing value-added crops. Acquire funding to subsidize a course in holistic management. Secure instructor to deliver course in holistic management and biological planning and monitoring. Deliver the course. Hold regular meetings to create a learning network of farmers committed to the holistic management approach. Monitor and evaluate debt reduction, the profitability and environmental health of farming operations. Share results as a</p>	<p>Agriculture and Agri-food Canada, Saskatchewan Agriculture and Food Agriculture Institute of Management in Saskatchewan Andrew Hawrysh</p>	<p>2010: John K., current RLBR ED, is the AEGP Coordinator that has advanced and expanded this item</p>	<p>Continued advancement in this area – based on work John involved in</p>

<p>demonstration project for local people and other Biosphere Reserves around the world.</p>			
<p>INVENTORY HERITAGE RESOURCES TO INCORPORATE HERITAGE VALUE IN REGIONAL TOURISM MARKETING STRATEGIES. Secure funding to create a summer employment opportunity for a college or university student. Hire a student. Assign a local mentor to advise student on research project. Begin informational interviews and community mapping of heritage resources. Identify means for incorporating heritage resources into local attractions and identify possible opportunities for micro-enterprise of heritage products.</p>	<p>Department of Economic and Co-operative Development Community-University Institute for Social Research James Shevchuk</p>	<p>RLBR RSP is working to provide mapping information.</p>	<p>Planning process is helping to identify further actions in this area and potential funding sources. A history of the area has been compiled – will need to be included in report and utilized for other purposes – Ms. Lommer provided much of this – need to track report down.</p>

<p>DEVELOP EDUCATIONAL PROGRAMMING FOR LOCAL SCHOOL ON THE BIOSPHERE RESERVE. Establish working group of educators, scientists and artists to develop a plan to incorporate biosphere reserve topics into the junior and senior high curriculum to enhance understanding and ability to analyze and communicate local sustainability issues. Benchmark educational programs in other Canadian biosphere reserves. Use facilities in the Redberry Lake Biosphere Reserve for teaching purposes.</p>	<p>Department of Education, North Battleford School District, Hafford Central School All Canadian Biosphere reserves, Canadian Commission for UNESCO To be identified</p>		
<p>DEVELOP EDUCATIONAL RESOURCES FOR SASKATCHEWAN CURRICULUM USING REDBERRY LAKE BIOSPHERE RESERVE AS THE DELIVERY SITE. Secure a contractor to work with local educators to develop enrichment workshops for selected components of the Saskatchewan curriculum using Redberry Lake as the focal point. Topics could include naturalist writing for English, painting, species identification, and agricultural production. The workshops could be developed in 1-3 day format to be delivered at the Stuart Houston Centre on a for fee basis. The workshops could be marketed as short courses for curriculum enhancement for elementary, junior high and senior high schools in surrounding urban areas.</p>	<p>Department of Education North Battleford School District, and Hafford Central School To be determined</p>	<p>Diane Hawrysh has helped to establish Hafford Central School as an ASP School – Associated Schools Program as part of the BR program. School programming has been ongoing over past few years with Coordinator, Board involvement – including contribution of resources to school.</p>	<p>Further capacity to strengthen school links to community planning will be important for building sustainable capacity. To date limited involvement of youth in process.</p>
<p>CREATE A DEMONSTRATION PROJECT FOR COMMUNITY-BASED COMPOSTING. Secure funding to subsidize the</p>	<p>Town of Hafford and Saskatchewan</p>	<p>School has put some effort into this. Composting within Town</p>	<p>Wider applicability of regional efforts have been identified by municipal partners – including regional waste/recycling facilities.</p>

<p>purchase of 10 composters for interested local residents. Prepare social contract for access to subsidy that involves a commitment to take a workshop in composting, to participate in post-training monitoring for proper use of composter and to seek follow-up assistance if difficulties are encountered for the first two years. Cost recovery of the subsidy will be required for those failing to compost properly. The composter will then be provided to another interested individual for free. A trainer will teach local people how to compost. During the summer months, follow up support, monitoring and evaluation of effective use will ensue.</p>	<p>Urban Municipalities Association To be determined</p>	<p>of Hafford Plan identified.</p>	<p>Policies around this will be reflected in regional plan.</p>
<p>BUILD RELATIONSHIPS WITH NEARBY UNIVERSITIES TO STRENGTHEN RESEARCH CAPACITY. Identify universities that are conducting research on topics of interest to the residents of Redberry Lake Biosphere Reserve. Some of the research priorities include: understanding the politics of government support for different regions, genuine progress indicators, organic agriculture and other topics.</p>	<p>University of Saskatchewan, University of Regina To be determined</p>	<p>2010: there have been a number of partnerships and discussions with various university partners that have occurred over past 10 years.</p>	<p>Benefit of John's position within Watershed Group important to having RLBR as potential pilot for a LIRA . Regional planning initiative will help to provide policies, best practices and identify key partners to assist with implementation and monitoring of plan as per this action item.</p>

MEDIUM TERM ACTIONS (3-5 Years)			
<p>COMPLETE A REGIONAL STUDY OF WATER AND AIR QUALITY IN THE REDBERRY LAKE WATERSHED. Build partnerships with researchers at the Universities of Saskatchewan and Regina. Work with interested researchers to develop a regional watershed study. Secure funding to provide an added incentive to implement the watershed environmental quality project. Develop regional maps of water and air pollutants to overlap on other regional watershed maps and share findings with local residents. Evaluate any health problems and wildlife declines associated with known environmental triggers to the pollutant-mapping project. Identify and implement necessary clean up, or mitigation measures.</p>	<p>Agriculture and Agri-food Canada, Saskatchewan Agriculture and Food Environment Canada, Health Canada, Parkland Regional Health District, and Saskatchewan Environment and Resource Management University of Saskatchewan, University of Regina and Ducks Unlimited Sherry Sian</p>	<p>2010: See above.</p>	<p>A number of detailed policies and action items will be contained in Sustainability Plan; these will compliment ongoing work of John and others already involved in projects – and identify new supporting actions and partners</p>

<p>PRESERVE CULTURE THROUGH URBAN DESIGN. Distribute cultural inventory to all municipalities within the biosphere reserve. Develop a fund for re-design projects to celebrate cultural history so that culture is a pervasive element of the community. Link the enhancement projects to the marketing of cultural tourism products. Develop cultural component to regional marketing strategy.</p>	<p>All municipalities with in the biosphere reserve, Western Economic Diversification, Department of Economic and Co-operative development and West Central Tourism To be determined</p>	<p>2010. To date there have been some events and signage implemented to this effect</p>	<p>RLBR RSP will provide specific recommendations and has a preliminary future land use plan that has identified cultural nodes and associated activities.</p>
<p>IMPROVE USEAGE OF EXISTING RECREATIONAL FACILITIES. Establish working group to draft a marketing plan for recreational facilities available throughout Redberry Lake Biosphere Reserve. Produce brochures to market recreational infrastructure to larger surrounding centers. Distribute brochures to surrounding areas and book facilitates.</p>	<p>Recreation Board To be determined</p>	<p>2010. RLBR Board has been in constant discussion about recreation issues and potential.</p>	<p>RLBR RSP process and related Hafford Community Sustainability Plan and other neighbouring OCPs being developed – have identified specific actions and stakeholders to assist with recreational development.</p>
<p>REJUVENATE RAILWAY CULTURE AS A CENTRAL FEATURE AND TOURISM ATTRACTION. Complete a feasibility study for building an old fashioned railway station in Hafford along the highway for passenger travel and to draw more tourists to the region to more fully use existing tourism infrastructure. This transportation portal could accommodate passenger trains to and from as far away as the Hudson’s Bay as part of the CanRail West line. The building could incorporate an agricultural museum highlighting the history of settlement and farming in the</p>	<p>Canadian Heritage, Western Economic Diversification, Department of Economic and Co-operative development and Department of Transportation OmniTRAX Inc. To be determined</p>	<p>2010: This has been identified by numerous partners and through related processes as a potential. To date this has not been directly acted on.</p>	<p>THE HCSP and Blaine Lake –Marcelin OCP has identified importance of rail. Inventory of cultural assets recognizes BL’s museum and library and museum housed in BL’s rail station. Hafford does not have its own station – though a rails and trail and rails to trails system throughout region has been identified through planning process.</p>

<p>region. A special exhibit on grain elevators could commemorate the grain elevators that formerly lined the tracks.</p>			
<p>REDUCE SOLID WASTE. Train a local resident in life cycle assessment. Conduct a waste audit to assess primary forms of solid waste in the local dump. Identify green product alternatives to the most common forms of solid waste. Deliver a waste awareness day that describes local solid waste and features green product alternatives. Survey local residents about the green products they want and supply this information to local businesses. Encourage local businesses to adopt green purchasing guidelines that require producers and manufacturers to reduce packaging or to take back wastes associated with their products. Help local businesses to enter into agreements with suppliers to reduce packaging to the extent practicable, pending health and safety regulations pertaining to pharmaceuticals. Identify micro-enterprise opportunities for wastes not eliminated through waste reduction measures.</p>	<p>Town of Hafford and Saskatchewan Urban Municipalities Association To be determined</p>	<p>2010. A potential future site for a regional waste facility has been proposed.</p>	<p>A proposed adaptive re-use of a former ILO has been identified and a policy and recommended action to complete a feasibility study for this will be part of the RLBR RSP. Community process has been widely inclusive of green initiatives and numerous policy recommendations will be included in report including best practices.</p>
<p>FACILITATE THE DEVELOPMENT OF MICRO-ENTERPRISES FOR GREEN PRODUCTS AND SERVICES. Hire regional Economic Development Officer to support the development of micro-enterprises based on sustainability principles encompassed by</p>	<p>Industry Canada, Department of Economic and Co-operative Development and Community Action Program To be determined</p>	<p>2010. While a local ED officer has not been hired. Through the development of the Enterprise Regions there is now good representation in three</p>	<p>RLBR RSP will provide detailed policies and recommended actions for implementation with respect to creating an ecological goods and services area. This includes the desire to work with other BRs across the world to identify best practices that could be applied locally. These are currently being researched</p>

<p>the Sustainable Community Plan. Build social capital for small business development. Support local entrepreneurs in market analysis, preparing business plans, attaining seed funding, developing and testing products or services, and marketing.</p>		<p>Enterprise Regions by local municipal representatives. This has included supporting the update of the 2001 plan to include more specific detailed actions.</p>	<p>by PW for consideration – based on a combination of local knowledge and need for further investigation into viability of such e.g. Germany model – state of readiness for something of that nature – more information required.</p>
<p>COMPILE DIRECTORY OF HEALTH AND WELLNESS OPPORTUNITIES. Identify and secure a researcher to compile an inventory of health and wellness opportunities. The inventory should target options for different age groups (infants, children, youth, adults and seniors) for individual and groups based activities. Gaps noted in opportunities for individuals or team sports should be addressed through new programming among recreational and service providers. The directory could be distributed to all service providers in the community.</p>	<p>Parkland Health District, Recreational Board Local businesses To be determined</p>	<p>2010- Parkland Health Region undertook a planning initiative. This report has identified some key actions that are being worked on – including update of EMO and pandemic planning. Further health considerations focus around elder care, childcare, and need for local access to doctor and emergency care resources and facilities.</p>	<p>RLBR RSP will provide policy recommendations and links to other related planning initiatives related to this. By virtue of the process and resulting plan itself – this is considerate of a holistic wellness opportunity in itself –creating capacity, social cohesion and social capital.</p>
<p>BUILD UNDERSTANDING OF THE PRESENCE AND USE OF TOXIC AND CARCINOGENIC CHEMICALS IN THE REGION. Strike a working group to work with local youth, teachers and healthcare professionals to document and develop educational programs on chemical usage within Redberry Lake Biosphere Reserve. Secure funding to implement educational program and print brochures in community-friendly language. Evaluate the change in</p>	<p>Environment Canada, Saskatchewan Environment and Resources Management To be determined</p>	<p>2010: Through the recently created Regional Health Care Plan has identified this as part of its strategy. Work through AEGP also focuses on sustainable agricultural practices.</p>	<p>The RLBR plan together with other recent and in process planning initiatives will help to inform this action item. Further actions will come about through these processes and ongoing related activities.</p>

<p>knowledge about local contaminants through post project evaluation of general knowledge regarding synthetic chemicals and their effects on the human body.</p>			
<p>DEVELOP MEANINGFUL SUMMER AND FULL-TIME EMPLOYMENT FOR YOUNG PEOPLE. Help local businesses, and farmers to hire local young people by securing funding for youth employment to act as a hiring incentive. Develop services to assist local young people in building desired job skills, possibly through job shadowing. Where appropriate, support entrepreneurial endeavors among local young people.</p>	<p>Human Resources Development Canada, Saskatchewan Labor To be determined</p>	<p>2010. Numerous students have been employed on various summer projects related to the RLBR – from sign painting, to water monitoring, park care, research.</p>	<p>SEIMA has provided PW partial funding of one community planning intern. In turn, PW is contributing this position to assisting with the development of the RLBR RSP. Additionally, the goal of the process will be to identify sustainable opportunities for young and emerging professionals, artists and volunteers.</p>
<p>DEVELOP COMPENSATORY MECHANISMS FOR ECOLOGICAL SERVICES PERFORMED BY LOCAL FARMERS AND RANCHERS. Secure researcher to inventory ecological services provided by agricultural producers. Assemble working group to explore policy options and means for compensating farmers for services. Approach government partners to develop economic instruments to provide sustainable mechanisms for adequately compensating producers for ecological services. Develop educational campaign to inform consumers about the value of</p>	<p>Environment Canada, Saskatchewan Environment and Resource Management Ducks Unlimited, World Wildlife Fund, Saskatchewan Wildlife Federation To be determined</p>		

<p>ecological services performed by agricultural producers to garner greater public support needed for policy change.</p>			
<p>DIVERSIFY RECREATIONAL USES OF THE REGIONAL PARK WITHOUT IMPAIRING ECOLOGICAL INTEGRITY. Secure ecological designer to improve the golf course infrastructure while preserving ecological function by retaining the presence of native species. Incorporate golf course in regional marketing of recreational opportunities to tourists. Hire local young people to work at the golf club.</p>	<p>Department of Culture, Youth and Recreation To be determined</p>		
<p>CREATE SPACE FOR YOUNG PEOPLE TO GATHER FOR SOCIAL EVENTS AND RECREATIONAL ACTIVITIES. Identify existing infrastructure that could be adapted for use as a recreational center for young people in the community. The space must be flexible for pool, and other indoor sports.</p>	<p>Hafford District Recreation Board, municipalities, and businesses To be determined</p>	<p>2010: As mentioned in above rows, opportunities for youth have been created through RLBR and related initiatives. E.g. Hafford Summer Sizzle, Youth Coordinator through Town of Hafford, identification of needing to look at recreation as regional assets. E.g. Hafford has the Communiplex, Redberry Lake has the golf course and campground, Blaine Lake has the Curling Rink, etc.</p>	<p>RLBR RSP will provide specific policies regarding recreational land development and related actions.</p>

<p>SUSTAINABLE AND PROFITABLE CROP PRODUCTION. Develop partnerships with relevant agencies to conduct comparative studies on crop production methodologies and soil conservation measures. Compensate farmers that offer to test experimental approaches. Report findings to local residents.</p>	<p>Agriculture and Agri-food Canada, Saskatchewan Agriculture and Food To be determined</p>	<p>2010: AEGP has become an established program providing workshops and consultation in this area.</p>	<p>Further development of this area will be important as predicted growth in other areas will have impact on area. RLBR RSP will provide policy recommendations with respect to this area.</p>
<p>STUDY AND EVALUATE METHODS FOR EXPLORE SUSTAINABLE CONSUMPTIVE USES OF WILDLIFE RESOURCES. Strike a working group of wildlife specialists and operators to assess options for sustainable use of abundant species to attract hunters and anglers.</p>	<p>Environment Canada, Saskatchewan Environment and Resource Management Ducks Unlimited</p>	<p>2010: this is an identified area of potential development as an eco-tourism asset and also a concern as impacted by changing climate and policy changes (e.g. coyote bounties and relationship to gopher population and cropland)</p>	<p>Wildlife resources has been identified within planning process and specific policy recommendations will be provided based on local wisdom and best practices.</p>
<p>LONG TERM (6-10 Years)</p>			
<p>CHANGE LAND TAXATION SO PROPERTY TAXES ARE NOT ELEVATED BY THE SUBSIDIZED PURCHASE OFFARMLAND ABOVE PROPERTY VALUE. Strike a working committee to explore provincial land taxes and develop a strategy to galvanize the support of biosphere reserve residents for policy reform. Lobby the Government of Saskatchewan to pass legislation to enable rural municipalities to charge a renter's fee in lieu of land taxes.</p>	<p>Rural municipalities of the biosphere reserve, Saskatchewan Agriculture and Food To be determined</p>	<p>2010: numerous local representation on regional and provincial boards in constant discussion around taxation and municipal funding levels. NWER, SUMA and SARM, SAMA, all involved</p>	<p>RLBR RSP will identify potential strategies related to best practices based on best practices.</p>

<p>ENCOURAGE SUITABLE USE OF NONAGRICULTURAL LANDS. Identify and map lands unsuitable for agriculture throughout Redberry Lake Biosphere Reserve. Secure researcher to advise on suitable alternative uses of these lands. Research incentives and policies to encourage alternative use. Implement incentives and support programs to change use patterns for lands unsuitable for agriculture.</p>	<p>Agriculture and Agri-food Canada, Saskatchewan Agriculture and Food To be identified</p>	<p>2010: through first plan a zoning bylaw was created to deal with a buffer zone around the lake. The current updated process will be updating future land use potential as related to sustainable use of non agricultural lands throughout the region.</p>	<p>The current updated process will be updating future land use potential as related to sustainable use of non agricultural lands throughout the region. In the case of specific municipalities – specific updated zoning bylaws are underway e.g. Meeting Lake/Douglas, Hafford, RM/Town of Blaine Lake-Village of Marcelin. RM of Redberry will be encouraged to review their specific policies with respect to land use as per regional process and neighbouring practices being established.</p>
<p>IMPROVE HEALTHCARE CAPACITY Build partnerships with relevant health agencies to redesign existing infrastructure or to build needed Personal Care Homes. Attract more nurses and doctors to the region to improve the availability of health care services to all people and to help the elderly remain in their home community as long as practicable.</p>	<p>Health Canada, Saskatchewan Health, Parkland Regional Health District To be determined</p>	<p>See above health actions</p>	<p>See above health for</p>
<p>EXPLORE ALTERNATIVE USES FOR CROPS. Assemble a working group to review current knowledge on ethanol production. Identify the most feasible and harmless way to develop an ethanol plant within the biosphere reserve. Identify barriers to implementation relating to policy. Assess local people for their interest in purchasing or using biofuels. If there is sufficient interest, secure funding and partnerships needed to run a pilot project for ethanol production, sales, distribution and adaptations required to use ethanol.</p>	<p>Industry Canada, Natural Resources Canada and Agriculture and Agri-food Canada, Saskatchewan Agriculture and Food To be determined</p>	<p>2010: Through AEGP and current planning process – some alternatives have been identified. Organic production has increased in area. Intensive mainstream agricultural practices have also increased as farm operators decrease as intergenerational farms are reduced.</p>	<p>Planning process has identified site specific opportunities for potential alternative practices including: wind farms, exotic livestock, and cropping.</p>

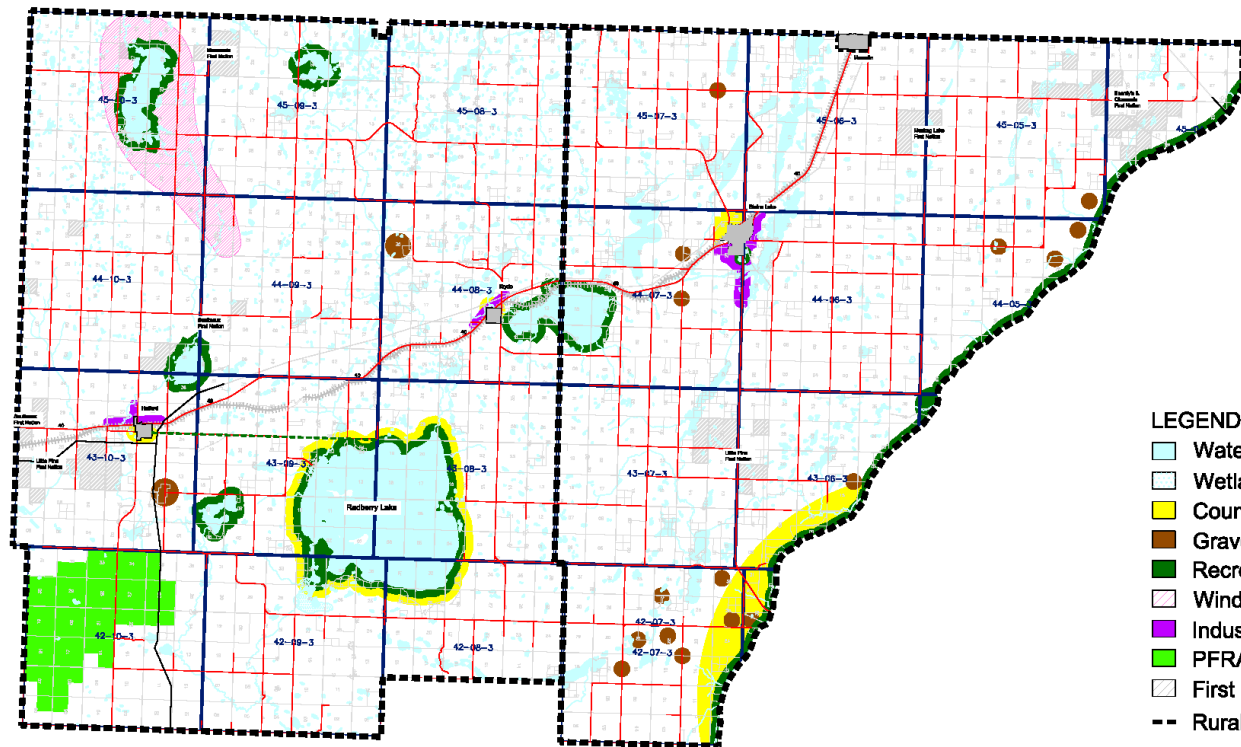
<p>BUILD SOCIAL CAPACITY FOR SUSTAINABILITY. Co-ordinate with other biosphere reserves through national events and the Canadian Biosphere Reserves Association to involve local youth in exchanges to raise awareness, understanding and individual capacity to address sustainability concerns. Provide opportunities for young people to participate in national events as a representative of Redberry Lake Biosphere Reserve and to compare sustainability approaches and techniques being used in various sectors between biosphere reserves. The first endeavor should bring a student to the Leading Edge Conference in Burlington, Ontario in October, 2001. An essay contest could be used to identify a suitable student. This student would assist with workshop preparations and a presentation to enhance job-related skills. A tour of a Biosphere Reserve in Ontario would be arranged. Upon returning to the community, the student would give a presentation on what they learned and develop one youth project for Redberry Lake Biosphere Reserve.</p>		<p>2010: there have been efforts for coordinated learning. To date this has not been strongly aligned with planning initiative. The need for integrating efforts will be</p>	<p>The need for integrating efforts will be important to ensuring sustainability. Local wisdom will also need to be inclusive and welcoming of potential for former and new involvement in process. This includes linking and communicating amongst numerous planning initiatives underway in area and elsewhere. PW is establishing a best practices inventory to help inform the RLBR RSP and also to also share with other BRs and regions once completed. This type of learning –as being down with the PW Interns will be integral to creating long term support and networks to nurture the RLBR for generations to come.</p>
---	--	--	---

10. 2010 – Draft Preliminary Future Land Use Concept Maps

The following section provides the preliminary maps that form part of the community mapping project that was developed for the North West Enterprise Region – in part established due to the efforts being undertaken by municipalities within the RLBR. These maps and the corresponding policy recommendations contained in the report will become part of the full RLBR RSP process and final planning report.

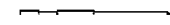
The concept plans are developed through a participatory process where locals provide feedback and input into where best to develop and plan for growth with respect to: residential, commercial/industrial, recreational and resource development.

DRAFT

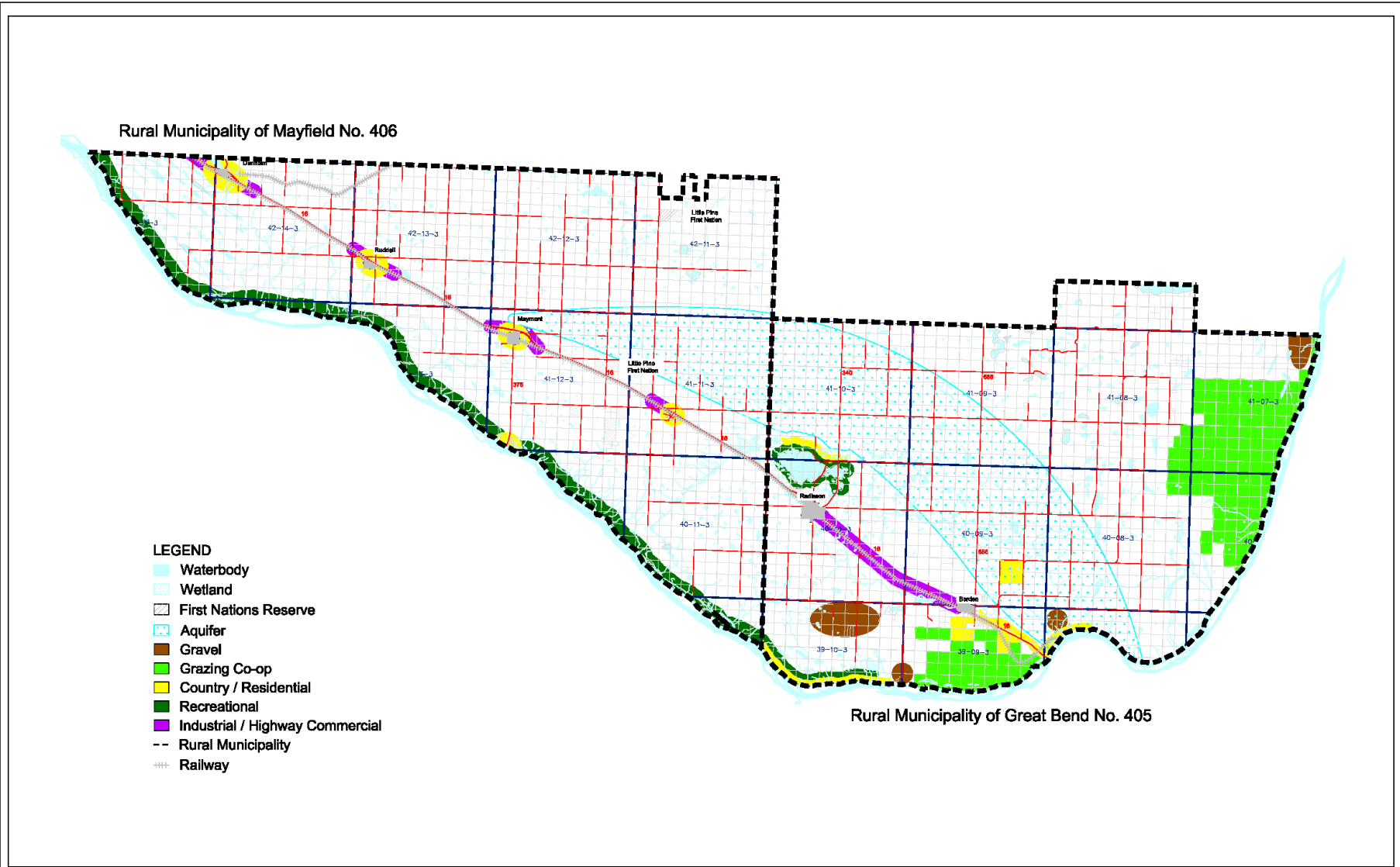


- LEGEND**
- Waterbody
 - Wetland
 - Country Estate / Residential
 - Gravel
 - Recreational / Ecological
 - Wind Potential
 - Industrial / Highway Commercial
 - PFRA
 - First Nation Reserve
 - Rural Municipality
 - Four Seasons Trail
 - Railway

North West Enterprise Region Community Mapping & Planning Program
 Rural Municipality of Blaine Lake No. 434 & Rural Municipality of Redberry No. 435



10/06/01

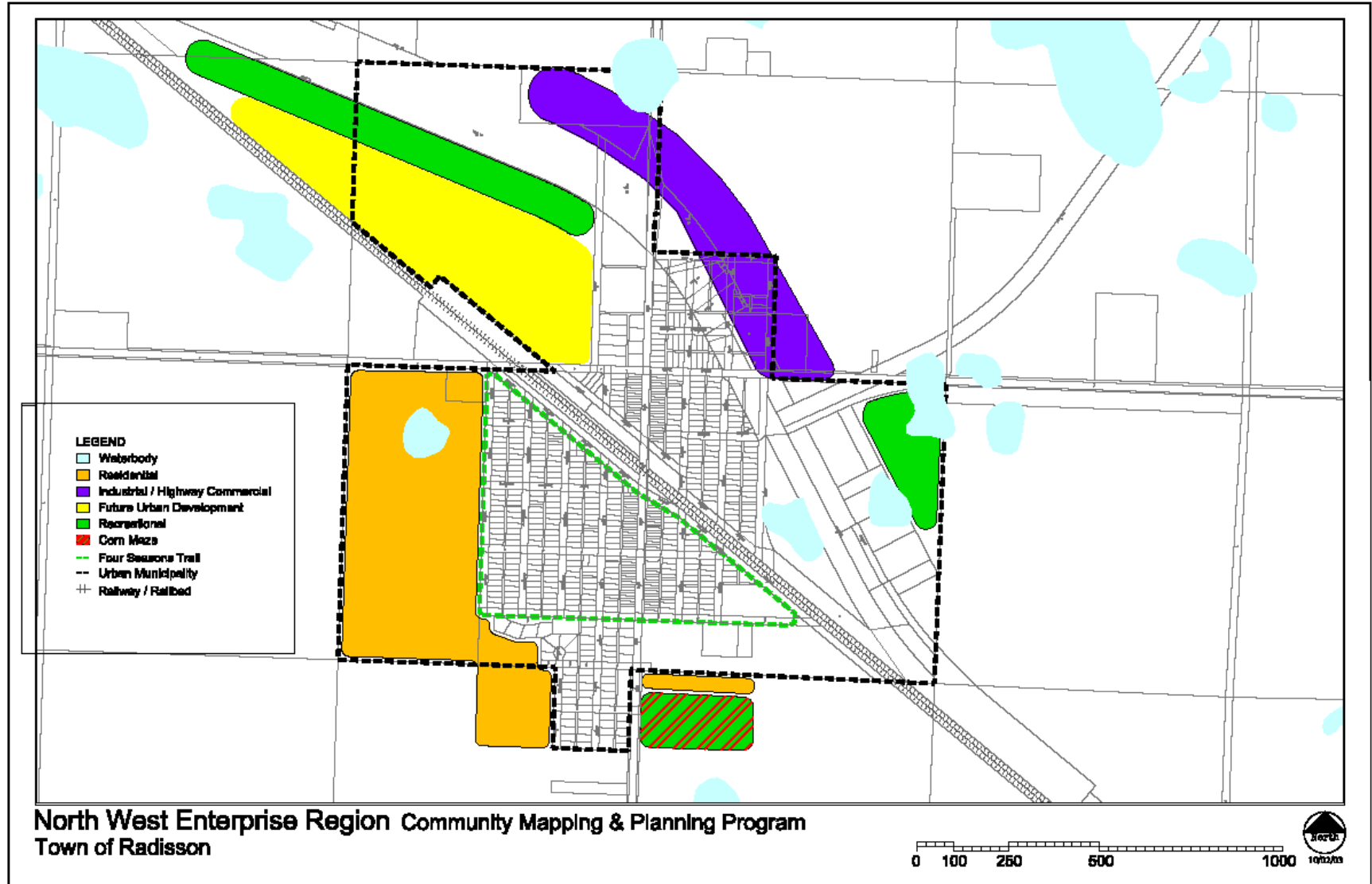


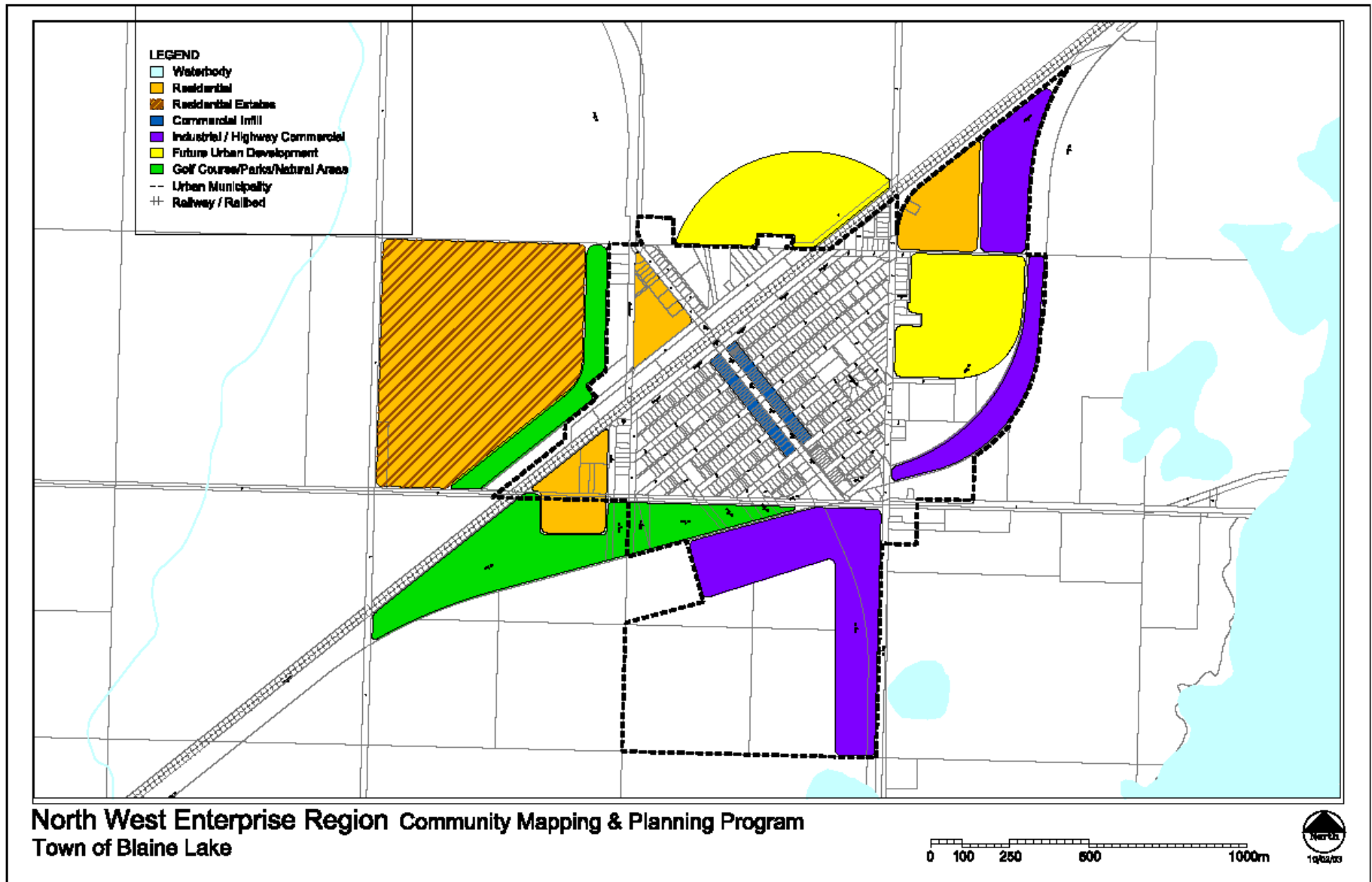
North West Enterprise Region Community Mapping & Planning Program

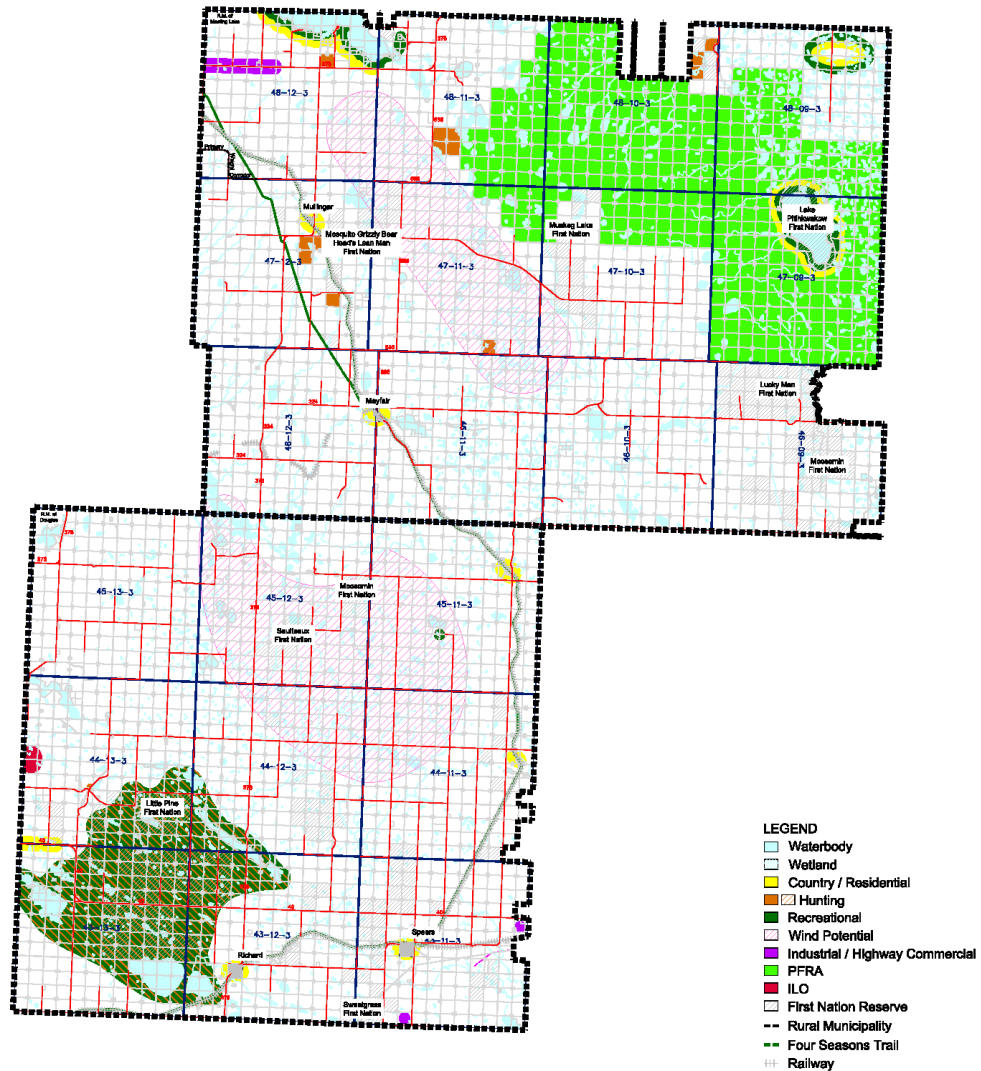
Rural Municipality of Great Bend No. 405 & Rural Municipality of Mayfield No. 406



10/04/14

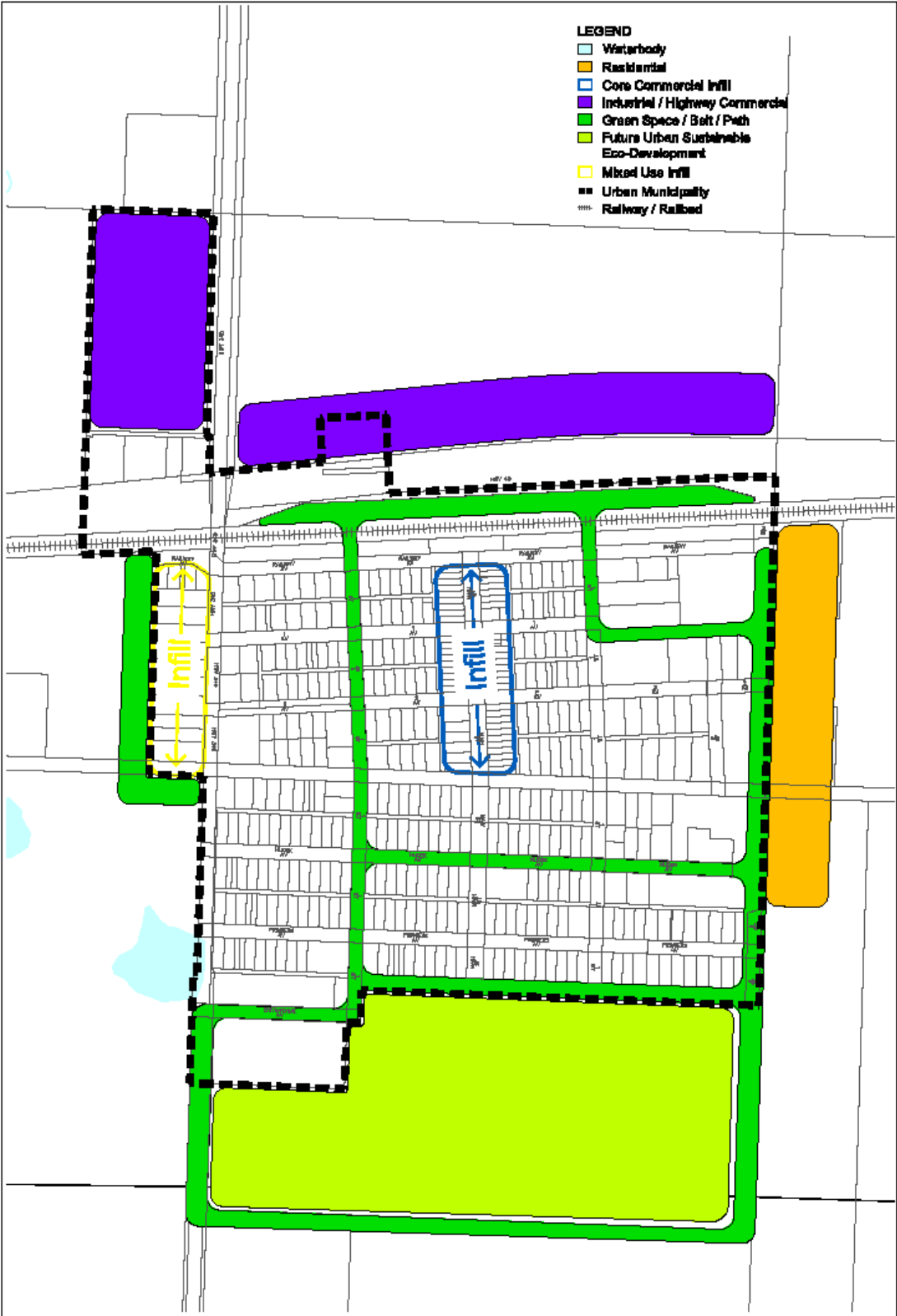






North West Enterprise Region Community Mapping & Planning Program





North West Enterprise Region Community Mapping & Planning Program
 Town of Hafford



10/05/01

DRAFT