



PARKS AND RECREATION MASTER PLAN APPENDICES

June, 2011

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Appendix 1- Highlights from Previous Recreation Studies and Higher Level Plans

Official Plan of the Town of Petawawa

Prepared by County of Renfrew Planning Department

Approved by the Ontario Municipal Board, July 15, 2004

- CFB Petawawa and the Townsites are federal lands owned by the Department of National Defence (DND). These lands do not fall within the municipal jurisdiction of the Town of Petawawa and so are not governed by the policies and land use designations of this Official Plan. (North and South Townsites are DND owned properties which are part of the base and where CFB families are housed).
- Petawawa's Rural Designation includes recreation uses
- A number of criteria and considerations are outlined for recreational or open spaces, including: justification for the development and the amount of suitable land available; effects on natural features; long-term suitability for the proposed use(s); affect on fish and wildlife; and, zoning considerations.
- Refers to 1993 Recreation Master Plan (2002 Master Plan now in effect). References parkland available in 1993.
- A Special Policy is identified for the Petawawa Civic Centre, because of its size, and the role it plays in the Town. The purpose of this Special Policy Area is to encourage future development and redevelopment of the Civic Centre to occur in general accordance with the recommendations and concept plans of the (1993 at the time) Recreation Master Plan.
- Waterfront lands shall be retained publicly in order to facilitate long-term public access
- Council intends to establish a trail system to accommodate pedestrians, cyclists, cross-country skiers. Consideration will be given to minimize conflict with snowmobile systems. Trail components could be developed individually and then linked.

Town of Petawawa Recreation Master Plan- Technical Background Report

Prepared by dmA Planning and Management Services

February 2002

- Current service delivery model focuses on maintenance of parks and facilities, and development of parks and trails. Supports program delivery by community.
- High level of recreation facilities (town and Base provided)
- Need for balancing environmentally sensitive management practices with safety/ cost concerns.
- Consultation identified: little demand for new facilities; interest in tourism opps; need for improved communication (internal and external); need for partnerships; need for policies; need for services and programs for youth;
- A SWOT Analysis yielded the following:
 - o Strengths include: committed, knowledgeable staff; history of collaboration and coordination with partners; commitment by the Town to long term planning and

ongoing monitoring; stable population and employment bases; excellent supply of recreation facilities; well-planned recreation and parks facilities with centralized focus; satisfied community groups; commitment to excellence by staff and elected officials; strong partnership/ relationship with Base recreation staff

- Opportunities include: partnerships with neighbouring municipalities, MNR, Parks; enhancement of local heritage initiatives, performing and visual arts, connection of these to the natural environment; taking leadership role with key partners in health and education in responding to changes in leisure patterns; the natural environment in relation to tourism and recreation opportunities; ongoing strengthening of relationships with the Base, service clubs, public health, library, schools.
- Weaknesses include: limited formal policies; need for parks planning policies; staff involvement in annual planning; limited opportunities for staff for communication and planning; inadequate use of technology; small staff size in relation to responsibilities; limited support to performing arts and heritage; no corporate direction re tourism
- Threats include: long-term stability of the employment base; potential impact of current world events; turnover in more than 50% of f/t staff due to retirement; decline in volunteer base.

Town of Petawawa Recreation Master Plan

Prepared by dmA Planning and Management Services

March 2002

- Forty-three recommendations
 - Service Delivery (18 recommendations)
 - Parks and Open Space (12 recommendations)
 - Facility Services (10 recommendations)
 - Monitoring and Evaluation (3 recommendations)
- Vision Statement- *Petawawa is a safe, healthy and friendly community where the environment is cared for, where all members of the community have opportunities to develop socially, mentally, and physically and where community pride is evident.*
- Identifies a service mandate, where „*The Petawawa Parks and Recreation Department will take a leadership role with the community and other service providers to support accessible recreation, sport, arts, and heritage experiences responsive to a wide range of interests and abilities for all residents of the Town.*
- Seven Service Goals were identified, consistent with the Mandate. The goals are what the organization does to operationalize the mandate.
- The 3 Strategic Directions were developed, to which resources should be directed:
 - *The Parks and Recreation Department will establish policies, staffing structure and allocate resources, to enable the Department to support a „community develop” or facilitation approach to program service delivery;*
 - *The Town and the Parks and Recreation Department will prepare a strategy to support tourism as a service of the municipality;*
 - *The Parks and Recreation Department will assess staffing resources including structure, complement, training and roles, to ensure that the directions and recommendations of this Plan can be achieved.*

- Financial impact and implementation were discussed, with timing/ cost/ person responsible identified for each of the 43 recommendations.

Development Charges Study, Final Report

Prepared by Morehouse Associates

August, 2009

- Study excludes people living on CFB Petawawa
- 16.9% population growth 1999 to 2009
- Projecting growth of 20.5% (pop'n 13,010) to year 2019
- Growth-related capital costs association with the Recreation service category were determined to include ten-year capital expenditures as follows: \$60,000 for a Recreation Master Plan in 2010 (80% attributable to growth); \$20,000 for a Recreation Organization Review in 2010 (80% attributable to growth); 2.92 parks developed in 2014 for \$135,663; and, .36km of Millenium trails in 2014 for \$33,293 (36% attributable to growth).

Renfrew County Forest Management Plan 2006-2040

Author: W. Jeffrey Muzzi, Development and Property Management, Forestry Division, County of Renfrew.

2nd draft, January 2007

- In April 2000, the County of Renfrew assumed responsibility for management of 6248 hectares of forested land previously managed by MNR.
- Provides framework for continued sustainable development of County forestry resources, including establishment of objectives, strategies and targets for timber and other forest resource values.
- Rehabilitates wastelands, provides educational opportunities, protects and conserves water resources. Forest management, forest health and associated forest operations take precedence over recreational activities
- Encompasses 17 municipalities.
- One of the Plan's objectives includes provision of recreational opportunities (and identified as the same in the County Official Plan, with regards to Renfrew County Forest).
- Although the County does not maintain or support the public use of trails in the area, hunters, trappers, hikers and others have cleared paths and trails for ATVs, skiing, walking and other recreational uses.
- Provided recreational users have consideration for forest management objectives and the needs of other forest users, the following activities are permitted within the Renfrew County Forest (RCF):
 - o Cross-country skiing
 - o Dog sledding
 - o Geocaching
 - o Hiking
 - o Horseback riding
 - o Nature study and appreciation
 - o Orienteering

- Snowshoeing
- Dog walking (provided dogs are on leash or under control at all times)
- Snowmobiling (provided that land use agreements are in place with snowmobile clubs)
- Mountain biking (Construction of new trails is strictly prohibited).
- ATVing (construction of new trails prohibited and RCF may impose restrictions where warranted)
- Hunting
- Sport fishing (limited opportunities)
- Trapping (through agreements with MNR)
- Some uses which are prohibited include:
 - Open fires
 - Camping
 - Cutting or removal of trees without permission.
- Notes forestry staff will develop strategies to determine the extent of RCF use for non-forestry purposes. An improved knowledge of how RCF properties are being used and by whom, will assist in the determination of a long-term management scheme."
- „The continued enjoyment of the diverse users of the RCF depends on their understanding that forest management activities have priority. Recreational use of the RCF is identified as an objective in the County Official Plan (Section 10.2 (3)). Sharing the benefits of access to County forested properties also relies on the user's respect of the forest environment and the rights of other users. To formalize expectations and responsibilities of certain users, Land Use Permission Agreements will be required for certain activities."

Town of Petawawa Guidelines for Beautification and Revitalization

Prepared by Commonwealth Historic Resource Management Limited

June 18, 2002

- Notes that the natural surroundings include the beautiful pine forests of the upper Ottawa Valley, but the commercial core strip has eradicated the natural plants and tree species, trading away aesthetic qualities for asphalt dominated commercial lots, cluttered signage and lack of coordination and planning. A plan was developed for the town's commercial area revitalization.
- Key principles for the proposed streetscaping plan were guided by key principles, including:
 - Preservation of the river and surrounding forest environments
 - Maintenance of a high quality of life, and an active lifestyle
 - Respect and preservation for local history and heritage sites
 - Promotion of a viable, and customer service oriented business community.
- The mission statement for the project was: „The town of Petawawa is recognized for its urban forest concept, and strong image based on the Dynamic By Nature theme and supported within its streetscape, parkways and trail system.
- A survey of 50 downtown residents indicated that any attempts to increase access, exposure and scope of activities like walking, hiking, cycling, snowmobiling and canoeing would be met with celebration by residents.
- Recommended Actions included:

- Implementing an Urban Forest Approach, to reinforce the Dynamic By Nature Theme
- Development of a Community Vita Course (a 20km trail with exercise stations, for all levels of ability, and being wheelchair accessible)
- Implementing a Strong Marketing Program by branding and commercial area image improvement
- Strengthening and beautifying community focal points
- Improve linkages with an activity trail system or natural corridor
- Implementing a coordinated planning approach to development
- Preserving community heritage sites and local landmarks
- Enhancing the image of primary intersection/ nodes
- Improving the image of the existing streetscape
- Implementing site improvements
- Encouraging improvement of facades and signage
- A number of site improvement problems and possible solutions were outlined. The idea of an Urban Forest Theme was explored, including specific recommendations for improved focal points at intersections, the downtown area, around municipal offices, and along the Parkway (plantings, backdrops, sculptures/ art, lighting, signage, flags/ banners, etc).
- Details for a proposed Vita Course were proposed.
- The preferred option for long term commercial area management was through formation of a Business Improvement Area Association.
- Budget and scheduling were discussed.

Town of Petawawa Tourism Strategy

Prepared by DMA Planning and Management Services

November 2002

- Recognizes tourism's potential to be a strong four-season industry providing new revenue and employment opportunities for the local economy.
- A review completed of national/ provincial and local tourism trends.
- Members of the local industry interviewed.
- Strategic planning session held.
- Vision: "Petawawa warmly welcomes visitors to experience the dynamic nature and excitement of its natural resources and the down-home hospitality of its residents and businesses".
- The town is well suited for resource based and adventure tourism in the existing trails that connect to the provincial network and the Petawawa River, with white water rapids and the Ottawa River for fishing and boating. The parks and marina offer access to these water resources. Activities that link to the natural environment are attracting growing numbers of participants. Ecotourism and heritage tourism are compatible with resource based tourism in this town.
- Strategic Directions and Implementations steps include:
 - Support a Community-Wide Tourism Focus: partnerships with OVTA, Chamber of Commerce, local businesses, other County municipalities. A regional focus.

- Support New Product Development: in partnership with OVTA and other municipalities, should cooperate to promote the attraction and development of tourism products (i.e. adventure tourism companies, accommodation, restaurants, heritage initiatives, etc), even though they are the responsibility of private and community sectors. Development of sports fields, support for infrastructure like trails and parks, are included in the „support“. Infrastructure amenities to support transient boaters would increase visitors.
- Develop Promotional Tools: reflective of the image of the Town, and consistent with OVTA's current initiative. Need to create awareness of the destination, so potential visitors recognize what the town has to offer. Should participate fully in OVTA marketing plan. Use slogan and image. Maintain current information about attractions and events on its website.
- Ensure a Supportive Service Infrastructure: support the development of local service infrastructure, including sharing resources and information among Town, OVTA, Chamber and local businesses. Cannot underestimate value of communication.
- Develop Monitoring and Evaluation Processes: develop appropriate process to monitor and evaluate the successes of strategic initiatives to determine trends.

Corporation of the Town of Petawawa By-Law 408/07, to Authorize the Entering of an Agreement with the City of Pembroke and Township of Laurentian Valley With Respect To Festival Hall

May 7, 2007

- Agreement outlining terms for the 3 named municipalities to form a joint Festival Hall Committee, with one elected official each, to oversee management of Festival Hall (establishing management agreements, approving operating budgets and capital works, all in support of sustainable, effective operation of the facility).
- Each municipality to contribute \$.75 per capita towards operation and agreed upon capital improvements for 2007,2008,2009

Corporation of the Town of Petawawa By-Law 481-08, TO Authorize the Execution of an Agreement With Valley Arts Council With Respect to Management Services for Festival Hall

May 7, 2007

- Valley Arts Council (the Manager) to provide management services at Festival Hall, including bookings, implementing rules and user policies, using written contracts with users, ensuring liability insurance for users, arranging for cleaning, invoicing rental fees and collecting payment, marketing and promotion, maintenance and operation of the concession booths, communication with the Consortium, appointment of a manager, etc.
- Consortium pays the Manager \$28,000 per year for operation and management services, plus 25% of rental proceeds.
- Consortium pays repairs, and utilities
- Manager provides liability insurance
- Continues each year until written notice by one or both parties to discontinue.

Corporation of the Town of Petawawa By-Law 247-03, To Authorize the Execution of an Agreement With the Petawawa Ski Club and Edna Molson

April 7, 2003

- Intention of the Town to gradually assume operation and control of the Petawawa Ski Hill facility
- \$2.00 sum, so that the Ski Club transfers all operations, authority and control to the Town.
- Town takes control of operations, including supervision of ski lessons and public use of the Hill
- Future functions of the Ski Club will be as agents of the Town
- The Molsons to continue to provide services, but as agents of the Town.
- One year term, with annual renewals (NOTE: no indication if this has been renewed or not).
- The Town not responsible for operational costs arising from day to day operations

Appendix 2 - Summary of Comments from Petawawa Stakeholders

Pembroke Cross Country Ski Club

Overall Purpose of Group

- Provide xc ski opportunities for community; manage Forest Lea trails in winter

Total Membership

- 250 + 500 day users

Membership Five Years Ago

- 150

Factors Affecting Membership Numbers

- We provide better services therefore word of mouth increases knowledge of and use; Gearheads as info source

Indoor or Outdoor Recreation Facilities Used at the Present Time

- Self sustained at Forest Lea

Do you have any other comments that you feel should be considered with a long term parks, recreation and culture master plan?

- High school racing is increasingly popular. A groomed loop could be made in one of the soccer fields that has lights for after school and evening training. Lights are key. The soccer fields are not used in winter, and would keep walkers off the groomed skate ski track. Terrace and grooming: my experience as a professional groomer says don't bother: the pine trees catch most of the snow, lots of needles etc, and people walk year round. Any groomed track would be trampled in a couple of hours. Perhaps the lower trails could be groomed, separate from the walking loop. Skiing and walking are not compatible.

Ottawa Valley Mountain Bike Association

Overall Purpose of Group

- Build mountain bike trails

Total Membership

- The organization is only 5 key leaders, proving opportunities for perhaps 350 enthusiasts (unorganized)

Membership Five Years Ago

- Same, more enthusiasts, unmeasured then and now.

Factors Affecting Membership Numbers

- Gearheads as a focal point of the community has made the biggest difference.

Indoor or Outdoor Recreation Facilities Used at the Present Time

- Bike park, Terrace trails, trails on DND side of river, hydro line area – all forest and open land in community

Is quality of these facilities adequate?

- Yes, but needs consolidation: marked trails, maps available, cohesive interconnected strategy as per Mark Reinhart has been thinking. Signage is key for tourism development. Bike park upgrades required, esp parking and fencing

Five years from now, will you need more, about the same, or less facility time that you do now?

- I envision more. The bike culture has been building steadily.

Five years from now, will you need any facilities that are different from what you use/ need now?

- BMX track is on the horizon, to which Pet could provide land. Would be run as separate nonprofit volunteer org. Likewise develop trails on town property of significant size.

To what extent are you prepared to contribute as a group to help build and/ or operate any new or improved spaces that you feel are needed?

- Extensively!

Do you have any other comments that you feel should be considered with a long term parks, recreation and culture master plan?

- Integrate trail strategy with County – some to terms on standard signage, joint marketing or shared cost promo; perhaps a separate non profit entity that crosses boundaries be established to oversee.

Hell or High Water Weekend

Overall Purpose of Group

- Create a festival that builds awareness and recreational use of the Petawawa River such that it becomes better utilized and valued by residents, business and the larger white-water and adventure tourism sector.

Total Membership

- 4 organizers, 200+ participants

Membership Five Years Ago

- NA (from 50 in 2008)

Factors Affecting Membership Numbers

- Weather; water levels; accessibility of the river; promotion of the destination; convenient camping; conflict with other events

Indoor or Outdoor Recreation Facilities Used at the Present Time

- The gazebo at Centennial park; the put in at Wilson Ave; the take out at Catwalk; the parking lot at Centennial Park; the washroom facilities; the Beach area; the Emerald Necklace Trail system; the take out on Tall Pines Rd.

Is quality of these facilities adequate?

- Yes, although better signage indicating “white-water kayak / canoe put in” and “Take out” would be appreciated; the put in area of Wilson Ave is in poor shape, with storm runoff and ugly concrete rubble dumped in the river.

Is the price you now pay for facility time too high, about right or is there room for an increase?

- The Town has been very supportive of getting this festival up and running. Much appreciated.

Five years from now, will you need more, about the same, or less facility time that you do now?

- The festival is growing rapidly, and I do predict further resources will be required in the future regarding security, parking logistic, etc

Five years from now, will you need any facilities that are different from what you use/ need now?

- Nope, just don’t let them build a DAM. It will DESTROY the character of this town

To what extent are you prepared to contribute as a group to help build and/ or operate any new or improved spaces that you feel are needed?

- Gladly we will help out with any and all requests made, including costs and labour sharing.

Do you have any other comments that you feel should be considered with a long term parks, recreation and culture master plan?

- The Emerald Necklace trail needs to be expanded, with more interpretive signage further along it. Consider attaching it to the Millenium Trail bridge (Railroad Rapid) to form a loop and better facilitate access for those people who live north-west of Petawawa Blvd. This would also make life much easier for kayakers who often times have to carry their boats through the streets in order to get back to the put in area.
- *(the following comment was submitted separately by a paddling enthusiast)*
Secure access points to Pet and Ottawa rivers; mark as public access and part of paddle route; provide support with maps or route information; in conjunction with county paddle routes. Petawawa: Black Bay for flat-water canoe and sea kayak, clear a portage around the big rapid at the bottom of Black Bay to connect it to the „gravel pit“ put in at the highway bridge. Secure gravel pit put in from MTO, establish parking area as per above – this would be the put in for downstream „family“ trip or upstream flat-water. Outflow at Railroad rapid, parking and signage. Take out access below Golf Course rapid Pine Pt. rd or 2 others below (One of which is ideal, I don“t know the street name). Ottawa: from Pet Point, provide support for sea kayak or canoe out around islands. I suggest a brochure of in interpretive tour for historical artefacts – much old logging and early development to be found there.

Petawawa River Rats Kayak Club

Overall Purpose of Group

- To promote white-water kayaking as an exciting fitness oriented activity within the community

Total Membership

- 30-35 (20-25 five yrs ago)

Factors Affecting Membership Numbers

- Transient military population, minimal advertising

Indoor or Outdoor Recreation Facilities Used at the Present Time

- Centennial park pond, the Petawawa river, especially Catwalk, the Kinsmen pool in Pembroke (winter pool sessions)

Is quality of these facilities adequate?

- Yes. We are very fortunate to have easy access to the pond and catwalk. These areas offer an excellent learning venue for new paddlers

Is quantity of time received adequate?

- Yes.

Is the price you now pay for facility time too high, about right or is there room for an increase?

- The only cost is pool rental in Pembroke (approx \$135 for 1.5 hrs)

Five years from now, will you need more, about the same, or less facility time that you do now?

- Due to the likely construction of a dam and the possible fencing off of a major portion of the river for safety reasons, I simply hope that in 5 years we will still have access to that section of the river, and that there is enough water to service the pond

Five years from now, will you need any facilities that are different from what you use/ need now?

- No

To what extent are you prepared to contribute as a group to help build and/ or operate any new or improved spaces that you feel are needed?

- If the Town were to consider the development of river features (standing waves) to create and/ or enhance the play spots on the river, the Petawawa River Rats would be able to advise on the type and location of these features as well as safety considerations

Do you have any other comments that you feel should be considered with a long term parks, recreation and culture master plan?

- With Petawawa being ranked #5 in North America for „Best All River Towns“, this is a dream destination for thousands of paddlers. Paddling activity on the Petawawa will increase exponentially and with it the tourist dollars associated with these visitors. The Town needs to protect what may be its signature feature. See http://www.rapidmag.com/rapidmag_spring10/

Petawawa Ski and Snowboard Club

Overall Purpose of Group

- Provide winter sport and recreation

Total Membership

- 200

Membership Five Years Ago

- 125

Factors Affecting Membership Numbers

- Weak leadership in the past; lack of awareness within the community

Indoor or Outdoor Recreation Facilities Used at the Present Time

- Chalet all season in use by organizations within the Town

Is quality of these facilities adequate?

- Yes and no. The Chalet was built by the club to meet the needs of the hill. At times it will not hold everyone when a ski race is held.

Is quantity of time received adequate?

- Yes

Five years from now, will you need more, about the same, or less facility time that you do now?

- Expansion of the hill is not feasible so club can't do more

Five years from now, will you need any facilities that are different from what you use/ need now?

- Well upgrade may be needed. Expansion of the facility not practical.

To what extent are you prepared to contribute as a group to help build and/ or operate any new or improved spaces that you feel are needed?

- The club stands behind the Molson's on decisions with regards to the property the club uses.

Do you have any other comments that you feel should be considered with a long term parks, recreation and culture master plan?

- We have not made the chalet accessible

Petawawa Minor Soccer Club

Overall Purpose of Group

- Promote youth soccer

Total Membership

- Outdoor 600-700/ indoor 60-100

Membership Five Years Ago

- Same

Factors Affecting Membership Numbers

- Deployments of military personnel and posting of personnel to and from Petawawa. Field capacity has also been an issue at certain levels however no one has been turned away.

Indoor or Outdoor Recreation Facilities Used at the Present Time

- All three Civic Centre fields from early May to late July and up to three weekends per summer. The indoor season is conducted on Base at the main field house.

Is quality of these facilities adequate?

- Yes, the quality is good and the fields are well maintained by the Civic Centre staff. The fields are regulation size as are the half and quarter fields, which allows us to play with clubs outside our own.

Is quantity of time received adequate?

- Yes, however if enrolment were to rise above 700 for the outdoor season significant adjustments would have to be made to our play schedule.

If you indicated the need for more time in the last question, is it more time for existing participants or both?

- 10% for new participants

Is the price you now pay for facility time too high, about right or is there room for an increase?

- The price is good, however there is room for increase if the current cost would eventually see a decrease in service

Five years from now, will you need more, about the same, or less facility time that you do now?

- Slightly more. The increase in base personnel and general population growth will see the club grow proportionally. Should this happen a different approach to field management/ scheduling within the club will be required if no new fields are available.

Five years from now, will you need any facilities that are different from what you use/ need now?

- Potentially. As above, we will need to be more efficient in the use of the fields available to us. The main drawback will be that parents will have to watch their

schedules better. Basically, another field would be easier, but not critical to our operation.

To what extent are you prepared to contribute as a group to help build and/ or operate any new or improved spaces that you feel are needed?

- Not at all! Our main volunteer effort is with coaches and low level organizers with a small executive. In order to ensure consistent quality we would rather pay for it as part of a rental/ service package.

Do you have any other comments that you feel should be considered with a long term parks, recreation and culture master plan?

- The club has a great relationship with the Civic Centre and they are key in helping the club provide the level of service our members expect. Overall, most would accept a cost increase to continue with the level of service we are getting rather than see that service reduced.

Petawawa Ladies Slow Pitch League

Overall Purpose of Group

- To create a better opportunity and interest for woman to join our Slow Pitch League. To provide a safe environment and facilities to our Ladies and their families. And to improve a healthy well being for all participants by providing these services.

Total Membership

- About 140 girls for 7 teams.

Membership Five Years Ago

- We had 8 teams at the time.

Factors Affecting Membership Numbers

- Facilities are adequate but need to be improved which we will list further down.

Indoor or Outdoor Recreation Facilities Used at the Present Time

- Petawawa Civic Center playing fields (3) as well as on occasion the CFB Petawawa diamonds for extra practice in the spring.

Is quality of these facilities adequate?

- The Petawawa diamonds are not adequate as they are run down with little maintenance. They have other diamonds but the ones at our disposal are lumpy and muddy. See below for requests to the Petawawa Civic Center diamonds as well as the CFB Petawawa diamonds.

Is quantity of time received adequate?

- At this time yes.

Is the price you now pay for facility time too high, about right or is there room for an increase?

- We had an increase to the fees in 2010 plus the HST. We would find it unfair to increase further at this time due to the requests of improvements to our facilities.

Five years from now, will you need more, about the same, or less facility time that you do now?

- Adequate at this time.

Five years from now, will you need any facilities that are different from what you use/ need now?

- Adequate at this time.

To what extent are you prepared to contribute as a group to help build and/ or operate any new or improved spaces that you feel are needed?

- As the town of Petawawa has its own staff we feel that our input and ideas are of great help.

Do you have any other comments that you feel should be considered with a long term parks, recreation and culture master plan?

- Better lighting for the diamonds as well as lights for diamond #3. We could have used them last season for all the rained out games. Covered benches for the spectators and children during the games when we experience light rain. A new Kins hut or porta potty closer to diamond #3. Very difficult to run the distance and return between innings. Perhaps a new Kins hut or at least one that is revamped. A safety net or fence on the back side of #2 for all the kids that love to run out into the street to fetch all them balls. Better and improved dug outs. We seem to have a problem with water after the rain. Perhaps they could be leveled and a rake could be assessable to team players. Better parking facilities. More parking as a large part of our parking has been taken for the kid's bike field. Better infields and a little more "step up to the plate" by the staff that works the fields. We have had some issues with staff not at our disposal before games to maintain the fields. Maybe the staff could be stepped up in #'s during the evening games. Proper working order and use of the score board. Diamond #2 has a tarp to block the light from the Shopper's Drug Mart. This is required but not so far down the road side as it blocks the home plate for players on the bench. Possibly a net to block balls from going out of bounds and hitting the cars. Ball sheets are to be put into 2 locations. These boxes are dirty. Maybe a more common area like one box fastened to the wall near the Kins hut under the shelter with a combination lock. The ball diamonds seem to be miss numbered and is a bit confusing even though it has been there for quite some time. Perhaps we could change the #'s to 1 being the ball diamond closest to Kelsey's, 2 being the middle ball diamond and 3 remaining the same as the farthest diamond. If the #'s are to be changed we would appreciate large #'s on each diamond. Diamond #3 at this time seems to be a mud bath when it rains and is not a favorite ball diamond for us. Some of the women have expressed interest in having the bar open again for a few hours on Monday and Wednesday evenings. Maybe we could have a trial period for this as it could generate some income for the Civic Center as well as bring in more spectators for the games.

Petawawa Ladies Softball League

Overall Purpose of Group

- Maximum participation for ladies at all levels

Total Membership

- 6-8 teams (same 5 yrs ago)

Factors Affecting Membership Numbers

- Postings, relying on the same volunteers (young persons not interested)

Indoor or Outdoor Recreation Facilities Used at the Present Time

- PCC diamonds, Kinhut and building; Dundonald Hall, Silver Dart, Stafford ball park, Shay Nook, A & F Rec Centre, Pembroke Curling Rink, Indian ball park and Eganville rink

Is quality of these facilities adequate?

- Yes

Is quantity of time received adequate?

- Yes/ no. PCC ice available at late times only; Eganville same thing (weekends are good); Silver Dart same thing

Is the price you now pay for facility time too high, about right or is there room for an increase?

- About right

Five years from now, will you need more, about the same, or less facility time that you do now?

- Lights on diamond 3; move bike park

Five years from now, will you need any facilities that are different from what you use/ need now?

- Kinhut near diamond 1 and 3 with washroom; more parking, children play area by diamond 2

To what extent are you prepared to contribute as a group to help build and/ or operate any new or improved spaces that you feel are needed?

- Playing on fields, attending events, volunteer as needed

Petawawa Men's Slo-Pitch

Overall Purpose of Group

- To have fun playing slo-pitch

Total Membership

- 8 teams

Factors Affecting Membership Numbers

- The younger kids are into different sports and activities

Indoor or Outdoor Recreation Facilities Used at the Present Time

- We use 2 diamonds on Tuesday and Thursday. Would be nice if diamond 3 had lights

Is quality of these facilities adequate?

- One of the diamonds is actually getting too small for the game

Is quantity of time received adequate?

- Yes

Is the price you now pay for facility time too high, about right or is there room for an increase?

- Well the price is good but if it rains the diamond still collects water and makes more last minute work for the staff. I end up helping as much as I can. So this is a hard question to fill

Five years from now, will you need more, about the same, or less facility time that you do now?

- Not quite sure. But 5 years from now I don't know even if they will be playing here.

Five years from now, will you need any facilities that are different from what you use/ need now?

- Don't know

To what extent are you prepared to contribute as a group to help build and/ or operate any new or improved spaces that you feel are needed?

- We now help the staff get diamonds ready to play if it rains late in the afternoon so we can play that night.

Do you have any other comments that you feel should be considered with a long term parks, recreation and culture master plan?

- The bike park is an excellent idea but what I'd like to see is that diamond 3 get lights and move the bike park to diamond 1 where the staff can keep control and the possibility of a child getting hit from the diamond decreases. Where the bike park is now the kids are at risk. We warn the kids the ball is coming but it doesn't always help.

Petawawa Co-ed Softball League

Overall Purpose of Group

- Family league, where families can play together

Total Membership

- 20-24 team, 240-288 players (16-18 teams 5 yrs ago)

Factors Affecting Membership Numbers

- Military postings, diamond time for Sunday night

Indoor or Outdoor Recreation Facilities Used at the Present Time

- PCC ball fields and Kinhut, horseshoe pits, volleyball courts, Eganville, Golden Lake and Renfrew ball fields

Is quality of these facilities adequate?

- Yes/ no. Good diamonds, however we need another diamond to have lights. Size of diamond #1 not suitable for co-ed or men's

Is quantity of time received adequate?

- Yes, however lights on diamond #3 would be great

Is the price you now pay for facility time too high, about right or is there room for an increase?

- Price is good

Five years from now, will you need more, about the same, or less facility time that you do now?

- One more diamond

Five years from now, will you need any facilities that are different from what you use/ need now?

- Facility will have to grow as the league membership will increase

To what extent are you prepared to contribute as a group to help build and/ or operate any new or improved spaces that you feel are needed?

- Volunteer as much time as I have available, introduce others so volunteers will increase recruiting players so the league will grow

Do you have any other comments that you feel should be considered with a long term parks, recreation and culture master plan?

- Washroom facilities installed toward diamond 3; kids bicycle park moved to another area; police walking through parking areas during tournaments (more visible); playground closer to diamond 2; kids bicycle park moved to end of parking lot by mini-putt; run events together so others see what is available is ball tournament with volleyball games; bring in other attractions (change up events for

programs that are already running ie camps); allow vendors (rotate) throughout weekends; work with other facilities – DDH, Plex to increase youth programs and share resources

Petawawa Umpires Association

Indoor or Outdoor Recreation Facilities Used at the Present Time

- Ball fields, Kinhut

Is quality of these facilities adequate?

- Yes they are adequate. The fields have improved significantly over the last 2-3 years, however there are still some areas that concern me. An example would be the batter's boxes; I've been umpiring for 10+ years there and have never witnessed the batter's boxes being the correct measurement. It's a small thing, but it should be looked into. Aside from little things like that, the facilities are quite good. I would also suggest that the trees along the 3rd base fence be cut back to avoid problems. The washroom facilities in the Hut tend to be a little sketchy. While not used often, no doubt, they should still meet a certain standard for cleanliness and filled items (soap, toilet paper, etc).

Five years from now, will you need more, about the same, or less facility time that you do now?

- If you want to keep competitive ball tournaments and leagues coming to Petawawa, you'll want to look at developing the 3rd ball field. Lights would be a good investment in that area, as most neighbouring communities haven't got a field that big and some players/ teams/ leagues/ tournaments are turning to large fields like that in Ottawa, thus losing business for the Civic Centre

Do you have any other comments that you feel should be considered with a long term parks, recreation and culture master plan?

- I can't completely understand why the dirt bike area was placed where it was. That's a very dangerous area for kids to be at, with homerun balls flying out of the fields there. A suggestion would be to take a portion of the parking lot near the Quality Inn and turn it in to the bike area. Then parking can be extended out past diamond three. Yes, it means a longer walk for the ball players, but it also means a safer place for the children to use their bikes and besides, ball players end up running and such when they play – what's another few hundred feet to walk?

Senior Tennis Group

Overall Purpose of Group

- To organize and promote the opportunity for those interested in playing tennis to play within an organized structure

Total Membership

- 20 (same 5 yrs ago)

Factors Affecting Membership Numbers

- We seem to have a stable membership

Indoor or Outdoor Recreation Facilities Used at the Present Time

- PCC tennis courts and the "room" facility

Is quality of these facilities adequate?

- Yes

Is quantity of time received adequate?

- Yes

Is the price you now pay for facility time too high, about right or is there room for an increase?

- Some members of our group believe that we should be able to pay nothing to play as we cost the Town nothing to do so. We only use the facility during the day so no lighting costs and we keep the place clean

Five years from now, will you need more, about the same, or less facility time that you do now?

- We're good

Five years from now, will you need any facilities that are different from what you use/ need now?

- Probably not

To what extent are you prepared to contribute as a group to help build and/ or operate any new or improved spaces that you feel are needed?

- We come to play, we go about our business

Do you have any other comments that you feel should be considered with a long term parks, recreation and culture master plan?

- We would like to operate as a group separate from the tennis club but with the new insurance regs and the idea that we probably have to operate under the „protection“ of the Town's Recreation Department, putting us all together for auditing purposes might be the best deal.

Citizens for Trees

Overall Purpose of Group

- To raise awareness of the importance of preserving and planning for tree cover in our town

Total Membership

- 96

Factors Affecting Membership Numbers

- This is an ad hoc group formed to address the issue of loss of forest in 2009-2010

To what extent are you prepared to contribute as a group to help build and/ or operate any new or improved spaces that you feel are needed?

- Please see the suggestions below. Our group can become involved through the Forest Management Committee venue.

Do you have any other comments that you feel should be considered with a long term parks, recreation and culture master plan?

- Our group believes that as a Town, we should be proactive in working towards keeping a healthy canopy throughout our entire Town. We need the presence of large trees for cooling shade in the hot summers, wind protection and air quality. We also need them for aesthetic reasons- so our Town remains as lush and beautiful as it once was. We need them for the health of all of us living here both animals and humans. Pious words and lofty statements are NOT going to make this happen. We already have those in our official plan. We need to take some

very practical steps to ensure the preservation of our tree cover. This is very obvious today as we look back over 2009 and 2010 and see 27 acres of woodlot quality forest on the chopping block for school sites, 56 acres almost all gone for a shopping centre and housing development, over 60 acres gone for 400 more houses next to the mall not to mention the clear cutting of Limestone Trail subdivision. The Radke field development on Doran Road , is taking out another huge section of trees and the upcoming development of the rest of the industrial park will take more. Basically 2009 and 2010 saw the clear cutting of all the significant remaining forest in the centre of town without any attempt to preserve even one tree. This is the area where people live and these forests had trail links between subdivisions that were used for active transportation. There was no attempt to integrate the trails into the planning of the developments. One practical step to plan for the next five years, would be to beef up the Forest Management committee from one Council member as it is at the moment to include:

1. A professional forester (a qualified member of our community came forward to volunteer last year but to my knowledge no invitation was extended to him to join)
2. A representative from the Horticultural Society
3. One or two interested members of the general community (could be former forestry employees or forest company people)
4. Additional members of Council

This Committee should then be given a mandate to formulate a long term forest management policy and bring its recommendations before Council for discussion and implementation as required. We see this committee looking after the future of our forests for us and giving warnings about loss of canopy and recommendations on how to keep a good cover of trees throughout Town. We see this committee providing a conduit for volunteer environmental work in town such as tree planning on Town lands. It could also be a way to bring additional grant monies to the Town for forest related work. As it is now we have no policy for prevention of loss of bigger trees and forest groves. If no one is looking after this vital resource then it will be lost through neglect. Each loss of forest cover has been a separate battle for those who want to see more trees in Town. There has been a lack of leadership in this area by Council up to now. The most disappointing occurrence has been the gift of 27 acres of mature forest owned by the Town, next to the Civic Centre, an integral part of the award winning Emerald Necklace, to the School Boards. Surely there should have been a more intensive search for a more appropriate school site. In your draft (master plan phase 1) report to Council your firm notes:

“Many residents and stakeholder groups are interested in ensuring effective management of the Town’s urban and rural forests. A high level strategy for three Town-owned forested areas (Woodland Park, Petawawa Point and the future commercial area south of the intersection of Highway 17 and Murphy Road) is needed.”

Our group contends that this objective and more could be attained by the beefing up of the already existing Forest Management Committee with appropriate stakeholders as listed above.

Champlain Dog Club

Overall Purpose of Group

- Dog related activities, obedience classes

Total Membership

- 30+

Factors Affecting Membership Numbers

- Interest

Indoor or Outdoor Recreation Facilities Used at the Present Time

- PCC Main Hall
- Whole PCC complex for 3 day annual show

Is quality of these facilities adequate?

- Yes, although we could use more room if it was available: confirmation and booth area on the arena floor and obedience trials and kitchen upstairs. Eventually would like to add Rally Trials to our show

Is quantity of time received adequate?

- Yes

Is the price you now pay for facility time too high, about right or is there room for an increase?

- About right

Five years from now, will you need more, about the same, or less facility time that you do now?

- About the same

Five years from now, will you need any facilities that are different from what you use/ need now?

- Yes, possibly more room for yearly show as stated before.

Do you have any other comments that you feel should be considered with a long term parks, recreation and culture master plan?

- A dog park would be wonderful

Petawawa Heritage Society

Overall Purpose of Group

- The Petawawa Heritage Society is an incorporated, charitable organization, dedicated to creating exhibits, collecting and preserving artefacts that interpret the unique history, which increases the visibility of the Town of Petawawa as a sustaining community that contributes to its historical past.

Total Membership

- 137

Membership Five Years Ago

- 57

Factors Affecting Membership Numbers

- Mission statement for our volunteers: The Heritage Volunteer Program aims to involve the community to support Heritage programming aimed at the public and at schools and to help bring Petawawa's history to life. Offer volunteers an opportunity to experience the pleasure of helping to improve the quality of life in Petawawa
- Role of Volunteers: The Heritage Development unit recognizes the great contribution that volunteers make to its services and programs. Heritage volunteers are invaluable in helping to preserve our unique heritage and to provide an opportunity for residents and visitors to appreciate the colourful saga of our collective story. Volunteers fill many positions to support the numerous Heritage programs and activities, including acting as animators, researchers, gardeners, collections assistants or even feeding the animals

Indoor or Outdoor Recreation Facilities Used at the Present Time

- Part of our children's programming for Grades 1-4 is to give the opportunity to try games and dances that children would have experienced in the late 19th century. During our festival adults have the opportunity to try their hand at hawk throwing and Bow and arrow.

Is quality of these facilities adequate?

- Yes. We only hold meetings at the Civic Center

Is quantity of time received adequate?

- Yes. We meet the last Wednesday of the month

Is the price you now pay for facility time too high, about right or is there room for an increase?

- We do not pay for the fund raising room

Five years from now, will you need more, about the same, or less facility time that you do now?

- Less. We are hoping to be able to host all our meetings at the Heritage village in the future.

Five years from now, will you need any facilities that are different from what you use/ need now?

- In order to create more programming and services to our customers and volunteers we will need a much larger area with kitchen and work area as well as Administration & collection management area.

To what extent are you prepared to contribute as a group to help build and/ or operate any new or improved spaces that you feel are needed?

- Our plans are to construct a space that will be located at 176 Civic Center Rd.

Do you have any other comments that you feel should be considered with a long term parks, recreation and culture master plan?

- Urban Forest Policy Statement: "The Town of Petawawa must implement by-laws to protect trees on both public and private lands in recognition of the multitude of social, economic and environmental benefits trees provide and as a means of protecting and enhancing the Town's natural heritage. Through its Official Plan policies and various tree protection by-laws, the Town of Petawawa has

demonstrated its desire and intent to protect healthy trees. In particular, the Town recognizes that long-lived, large-growing, tree species are an important component of a healthy, diverse urban forest. These trees are, therefore, regarded and recognized as a priority for protection and staff should work in communities to encourage responsible development that protects these and other significant trees."

- People, Dogs & Parks: the Recreation Department and the Council need to adopt two new policies as part of the People, Dogs and Parks Strategy to address the need for balance among users within the City's Parks, Green-Spaces and Waterfront. 3 Policies need to be defined dogs off leash and dogs on leash NO animals permitted respectively to provide a consistent approach to the provision of off-leash areas within the Town's Parks System while taking into consideration the interests of a variety of park users, including dog owners, and commercial dog walkers.
- Swimming / boating areas: aquatics is one of Canada's favorite ways to spend leisure time! The Town of Petawawa should offer programs with the opportunity to learn how to swim, be safe around water and perform life-saving rescues. Swimming is also a great way to maintain lifelong fitness and wellness - it is often ranked as the best form of exercise for all the benefits it provides from aerobic to resistant training. Safety for boating is also an important part of our recreational boating in our local water ways. The Town of Petawawa has the beautiful Petawawa & Ottawa Rivers to begin such a program for its residents.
- Skating: Along with minor hockey, women's hockey, men's hockey, canskate and figure skating is a new program
- Sledge Hockey: is a fast, physical, exhilarating sport that is quickly gaining popularity around the world. This reverse integrated program challenges able-bodied athletes to come out to play and compete with athletes with a physical disability on a level playing.
- Feature Parks: this is where I can see the Parks and recreation department in Petawawa stretching out and creating new venues. Good examples of this is The Petawawa Point it is not being used to its capacity, The Emerald Necklace is nice but what is it doing for our Community, the Petawawa Heritage Village has potential for an amazing theme park.

Petawawa Silver Threads

Overall Purpose of Group

- Activities for seniors 50 years of age and over, Monday to Friday daytime and Friday evenings

Total Membership

- 400 and growing

Indoor or Outdoor Recreation Facilities Used at the Present Time

- The Silver Threads lease space on second floor of Lions Club: main hall (capacity 177), craft room, kitchen

Is quality of these facilities adequate?

- No, not with the expanding membership; the hall can no longer accommodate larger events; storage is inadequate

Is quantity of time received adequate?

- More will be needed, depending on growth of programs

Is the price you now pay for facility time too high, about right or is there room for an increase?

- EPC grant and Town grant cover annual rent. Cost of living increase only.

Five years from now, will you need more, about the same, or less facility time that you do now?

- Could use the main hall at PCC for larger events and some programming, but find the \$300 rental cost too high

Five years from now, will you need any facilities that are different from what you use/ need now?

- Yes. For seniors, we would ideally be situated on the ground floor of any facility.

To what extent are you prepared to contribute as a group to help build and/ or operate any new or improved spaces that you feel are needed?

- Depending on a proposal, we would consider an increase in rent for facilities provided.

Do you have any other comments that you feel should be considered with a long term parks, recreation and culture master plan?

- Lawn bowling is needed, closest facility is in Deep River. Should have carpet bowling at PCC. Pembroke curling club is too far away. Remember, there are more seniors every day in Petawawa.

Petawawa Rotary

Overall Purpose of Group

- Service to the community, international literacy

Total Membership

- 23

Factors Affecting Membership Numbers

- Age and mobility of Armed Forces

Indoor or Outdoor Recreation Facilities Used at the Present Time

- Library, Library Hall, Rotary Room, Emerald Trail/ Millennium Trail (July 1)

Is quality of these facilities adequate?

- No. The hall to the library and Rotary Room was designed and built spaciouly for the purpose of social functions. Those architect designs were approved by all departments of the Town of Petawawa. Now it cannot be used for intended purposes. Something is very wrong with this scenario and it needs to be corrected.

Five years from now, will you need more, about the same, or less facility time that you do now?

- We need more space downstairs for our fundraising now, because of these hall restrictions.

Five years from now, will you need any facilities that are different from what you use/ need now?

- A proper catering kitchen downstairs would be useful.

To what extent are you prepared to contribute as a group to help build and/ or operate any new or improved spaces that you feel are needed?

- Rotary contributed \$70,000 to the Rotary Room and Hallway, but may be prepared to contribute to correct inadequacies of hall so social functions can be held there.

Do you have any other comments that you feel should be considered with a long term parks, recreation and culture master plan?

- I think the scope is not wide enough and is reflected in the present title. When and where will there be any facilities available for the creative arts? Places where people can create and offer courses. Petawawa is not balanced. Still structured for 1) males and 2) youth. Little for seniors and females who are not sports oriented or outdoor oriented. Many have tried to get a more balanced approach over the years but are now worn out or have made other arrangements with resentment for the lack of vision which the arts can bring to a community for all ages and sexes.

Greater Petawawa Minor Hockey Association

Overall Purpose of Group

- Development of the sport of hockey

Total Membership

- 314 (260 five years ago)

Factors Affecting Membership Numbers

- Military postings, NATO tours, cost of registration

Indoor or Outdoor Recreation Facilities Used at the Present Time

- Ice surfaces at PCC and Silver Dart

Is quality of these facilities adequate?

- Ice surface is adequate. The old dressing rooms are too small. Room for spectators, parents and siblings is limited during games and special events.

Is quantity of time received adequate?

- Yes, as of this season. But this depends on the number of registrations for each season.

Is the price you now pay for facility time too high, about right or is there room for an increase?

- There is no room for increasing our rental fee. We would like to provide more programs to our membership and this will become difficult if we have to ask for more funds from parents.

Five years from now, will you need more, about the same, or less facility time that you do now?

- Again, this is a community that is mostly based on the military. It is very hard to predict if we will need more, the same or less

To what extent are you prepared to contribute as a group to help build and/ or operate any new or improved spaces that you feel are needed?

- I can speak for myself and say yes. But as an organization we have a hard time recruiting for our needs. It would be unrealistic to say that we would be able to contribute greatly in this.

Do you have any other comments that you feel should be considered with a long term parks, recreation and culture master plan?

- A second ice pad would be nice, but there again feasibility comes in. If more services could be added (skate sharpening), more room in lobby, some seating.

Ottawa Valley Thunder/ Ottawa Valley Girls Hockey

Overall Purpose of Group

- Recreational and competitive girls hockey

Total Membership

- 300 (about 75 from the Town of Petawawa)

Membership Five Years Ago

- 150/175 (started 7 years ago)

Factors Affecting Membership Numbers

- Interest/ growth in girls' hockey in general. Many girls play in boys minor hockey

Indoor or Outdoor Recreation Facilities Used at the Present Time

- Primarily arenas, fieldhouse at Dundonald for dryland

Is quality of these facilities adequate?

- Yes. Adjustments to time of day would be beneficial. Expect to add teams in future.

Is quantity of time received adequate?

- Yes, for this year. Additional ice will be needed in 2011-2012

If you indicated the need for more time in the last question, is it more time for existing participants or both?

- From expected growth

Is the price you now pay for facility time too high, about right or is there room for an increase?

- About right

Five years from now, will you need more, about the same, or less facility time that you do now?

- I would expect more required in future years due to increased enrolment.

Additional facilities required for summer program (50 people)

Five years from now, will you need any facilities that are different from what you use/ need now?

- Indoor field house for training. Loss of summer ice at Silver Dart would prevent summer clinics/ training being planned

To what extent are you prepared to contribute as a group to help build and/ or operate any new or improved spaces that you feel are needed?

- Whatever is required

Do you have any other comments that you feel should be considered with a long term parks, recreation and culture master plan?

- Petawawa has the premier facilities in Renfrew County. Any addition to facilities will increase Petawawa's appeal.

Retirement Blues

Overall Purpose of Group

- Noon time hockey for retirees

Total Membership

- 20-30 (same 5 yrs ago)

Factors Affecting Membership Numbers

- Can only use 21 players at a time

Indoor or Outdoor Recreation Facilities Used at the Present Time

- PCC arena, Petawawa and Barron rivers for cross country skiing

Is quality of these facilities adequate?

- Yes. You may have to fix the back doors for hockey players to use as an entrance; the lobby is overcrowded at times for hockey players to pass through

Is quantity of time received adequate?

- Very. Our times are great, price is right and I think we fill a void at noon time

Is the price you now pay for facility time too high, about right or is there room for an increase?

- Excellent.

Five years from now, will you need more, about the same, or less facility time that you do now?

- Same. Tuesday and Thursday is all we can handle.

Five years from now, will you need any facilities that are different from what you use/ need now?

- Money should be put aside in a special fund for a second pad or major fix-ups, possibly in 15-20 years. May need new or more dressing rooms in future

To what extent are you prepared to contribute as a group to help build and/ or operate any new or improved spaces that you feel are needed?

- Don't know

Do you have any other comments that you feel should be considered with a long term parks, recreation and culture master plan?

- Do not go to 50 minute hour (of ice time) unless you have a need for more ice time and these people are willing to come in at 11 or 12pm. Do not go to 50 minute just because others are...is there a need for ice time?

Petawawa Day Curlers

Overall Purpose of Group

- To organize curling within the recreational structure of the Town of Petawawa

Total Membership

- 40

Factors Affecting Membership Numbers

- We seem to remain stable despite the ages of group members – some die, some get sick, some become immobilized but new people do join.

Indoor or Outdoor Recreation Facilities Used at the Present Time

- We use the ice surface, lobby and upstairs facilities at PCC

Is quality of these facilities adequate?

- Qualified yes. Arena ice is not the best for curling but we've adapted for the most part.

Is quantity of time received adequate?

- Qualified yes. If there were a dedicated curling rink a broader program could be offered

Is the price you now pay for facility time too high, about right or is there room for an increase?

- Some would say too high as we are seniors but most accept the fee structure

Five years from now, will you need more, about the same, or less facility time that you do now?

- I can't see us getting more time as the facility is used a lot. A dedicated curling rink would be nice but probably out of the question due to capital costs

Five years from now, will you need any facilities that are different from what you use/ need now?

- No, but a wish list would be for a dedicated curling rink with four runs

To what extent are you prepared to contribute as a group to help build and/ or operate any new or improved spaces that you feel are needed?

- We are always willing to help with any initiative

Do you have any other comments that you feel should be considered with a long term parks, recreation and culture master plan?

- I would like to see our curling stones refurbished but there is no sense doing that until we can be assured of the best possible curling ice surface

Petawawa Legion Community Band

Overall Purpose of Group

- To play at functions run by the Petawawa Legion and to play at various types of concerts and other events in the community (and province)

Total Membership

- 45 (same 5 yrs ago)

Factors Affecting Membership Numbers

- Turnover is affected by age, death, the passage of students and military postings

Indoor or Outdoor Recreation Facilities Used at the Present Time

- We use the Evergreen stage at Centennial park in the summer and the PCC arena in the winter (Carols on Ice)

Is quality of these facilities adequate?

- Audience seating is always a problem at the park. In the arena, the problem for the band is that the depth of the seating (front to back) does not allow room for using a music stand comfortably

Is quantity of time received adequate?

- Certainly. We are aware that we would be welcome to use the facilities for longer periods of time, if we so chose

Is the price you now pay for facility time too high, about right or is there room for an increase?

- Use of facilities has always been offered free of charge to the band

Five years from now, will you need more, about the same, or less facility time that you do now?

- Probably much the same

Five years from now, will you need any facilities that are different from what you use/ need now?

- Perhaps. We would certainly welcome the building of a concert hall/ auditorium in Petawawa for use by community groups such as ourselves, and which could also be used by visiting professional entertainment groups who would generate a profit for Petawawa.

To what extent are you prepared to contribute as a group to help build and/ or operate any new or improved spaces that you feel are needed?

- If there were any way in which the band as a whole or individuals therefrom might be of any help towards the construction of an auditorium, we are certainly ready to get involved

Do you have any other comments that you feel should be considered with a long term parks, recreation and culture master plan?

- Video security might help control the vandalism often experienced at public facilities

Youth Centre

Overall Purpose of Group

- To give the youth a place to go that's safe and where they belong

Total Membership

- Varies

Factors Affecting Membership Numbers

- Advertisements

Indoor or Outdoor Recreation Facilities Used at the Present Time

- Southside Youth Centre

Is quality of these facilities adequate?

- Yes

Is quantity of time received adequate?

- Yes

Is the price you now pay for facility time too high, about right or is there room for an increase?

- n/a

Five years from now, will you need more, about the same, or less facility time that you do now?

- Hopefully more

Five years from now, will you need any facilities that are different from what you use/ need now?

- Depending on technology

To what extent are you prepared to contribute as a group to help build and/ or operate any new or improved spaces that you feel are needed?

- 100%

4th Petawawa Group, Scouts Canada

Overall Purpose of Group

- To contribute to the education of young people, through a value system based on the Scout Promise and Law, to help build a better world where people are self-fulfilled as individuals and play a constructive role in society

Total Membership

- 102 youth, 36 adults

Membership Five Years Ago

- 121 youth, 32 adults

Factors Affecting Membership Numbers

- Fees to national office (registration costs); availability of Leaders; extensive volunteer screening process

Indoor or Outdoor Recreation Facilities Used at the Present Time

- Herman Street Public School Outdoor Rink behind OPP station
- South Side Community Centre
- Petawawa Terrace Park
- Norman Behnke Scout Hall
- Soccer fields at Petawawa Civic Centre
- Petawawa Civic Centre Kinsmen Hut
- Dundonald Hall
- Catwalk/Millennium Trail
- Silver Dart Twin Rivers for sledding
- Crown land at Black Bay for camping

Is quality of these facilities adequate?

- Norman Behnke Scout Hall is limited to a maximum of ~20 5-9 year olds. South Side Community Centre and Herman Street Public School will interrupt our program to use facilities for their own purposes. Storage space is limited at all 3 facilities

Is quantity of time received adequate?

- Yes

If you indicated the need for more time in the last question, is it more time for existing participants or both?

- 20% more time (in 2 Hr blocks) for each new section added

Is the price you now pay for facility time too high, about right or is there room for an increase?

- 4th Petawawa Group, Scouts Canada cannot afford to pay an hourly rate for facility usage. All funding goes to youth program/equipment and we are already fundraising many weekends each year as well as providing the program to the youth which requires planning, preparation and execution each week.

Five years from now, will you need more, about the same, or less facility time that you do now?

- We could start another youth section (Beavers) for 5-7 year olds if a meeting facility was available and we could obtain new Leaders.

Five years from now, will you need any facilities that are different from what you use/ need now?

- Unknown. We will attempt to make the best use of what is made available to us.

To what extent are you prepared to contribute as a group to help build and/ or operate any new or improved spaces that you feel are needed?

- We have very little leftover time between fundraising and program planning, preparation and execution. All our funds go to program and equipment as mentioned previously.

Do you have any other comments that you feel should be considered with a long term parks, recreation and culture master plan?

- I (Martin Thompson) have a framed certificate that I wish to present to the Petawawa Parks and Recreation Department. I would like Kelly, Colin, Mark, Bob and Joe present, if possible, for photo op. I would like to place a photo and

caption in the Petawawa Post and let the residents of Petawawa know that we appreciate all of the support that we have received from the Petawawa Parks and Recreation Department throughout the years.

Girl Guides of Canada

Overall Purpose of Group

- Provide programming for Girls to empower and teach leadership through a variety of programs and projects

Total Membership

- 65

Membership Five Years Ago

- 75

Factors Affecting Membership Numbers

- The variety of activities that is available to youth today.
- Kids are involved in so much.

Indoor or Outdoor Recreation Facilities Used at the Present Time

- Norman Benke Hall; Southside community Centre; Rec Plex

Is quality of these facilities adequate?

- Yes

Is quantity of time received adequate?

- Yes

Is the price you now pay for facility time too high, about right or is there room for an increase?

- In my opinion, there is probably room for an increase since we are extremely lucky that we do not pay for the facilities that we use. However, if I am not mistaken, Norman Benke Hall was donated by the Benke Family for Boy Scouts and Girl Guides to use.

Five years from now, will you need more, about the same, or less facility time that you do now?

- Same

Five years from now, will you need any facilities that are different from what you use/ need now?

- No

To what extent are you prepared to contribute as a group to help build and/ or operate any new or improved spaces that you feel are needed?

- This is not a question that I can answer. Girl Guides of Canada Provincial Office would probably be the best people to answer this.

Warrior Scuba Club

Overall Purpose of Group

- To provide scuba diving instruction, courses, skills and equipment to its membership.

Total Membership

- 20

Membership Five Years Ago

- a. 40-80

Factors Affecting Membership Numbers

- Scuba club was closed down for approximately four years, just restarted in fall of 2008

Indoor or Outdoor Recreation Facilities Used at the Present Time

- Pool at DDH, club office/ storage room at DDH

Is quality of these facilities adequate?

- Excellent. The Club has been given an area to store equipment and use classrooms at DDH. Full access to pool after hours.

Is quantity of time received adequate?

- Excellent. Have never had any issues with quantity of facility time.

Is the price you now pay for facility time too high, about right or is there room for an increase?

- The Club currently does not pay for access due to being a Base club.

Five years from now, will you need more, about the same, or less facility time that you do now?

- No issues forecasted

Five years from now, will you need any facilities that are different from what you use/ need now?

- None identified

To what extent are you prepared to contribute as a group to help build and/ or operate any new or improved spaces that you feel are needed?

- Fully prepared to contribute

Appendix 3 – 2011 Community Survey Summary of Findings

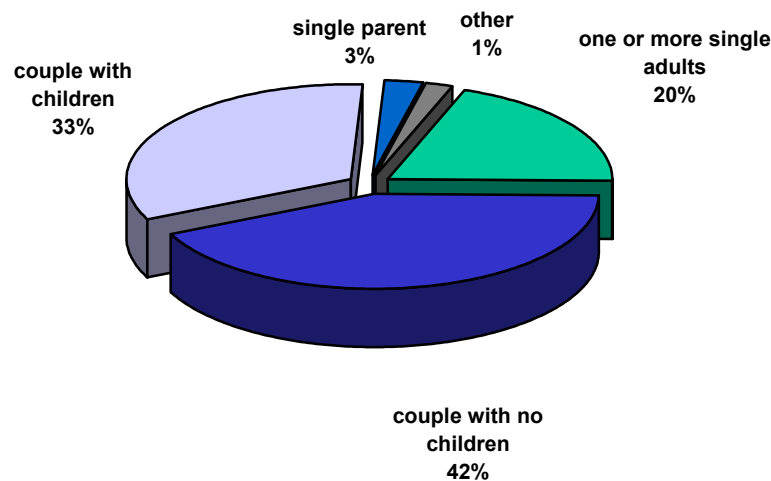
In February of 2011 a survey was conducted to obtain residents' views concerning current and future parks, recreation and cultural services in Petawawa. The survey was a mail out / mail return questionnaire and was sent to 1,000 households, with 428 completed and returned surveys. This represented a response rate of 42.8%, and a 95% level of confidence that the statistics obtained are within +/-4.7% of the actual views of the entire adult population. The questionnaire consisted of both closed and open ended questions.

About the Respondent

No sample perfectly reflects the population from which it was drawn.

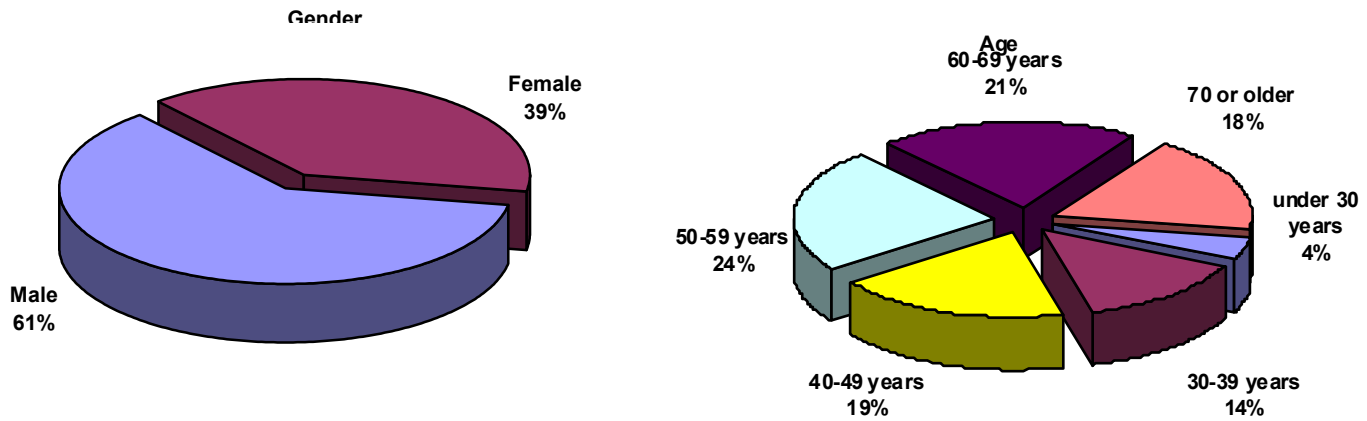
The characteristics of the 428 respondents are depicted in *Figures 1 to 3*.

Figure 1
Household Composition



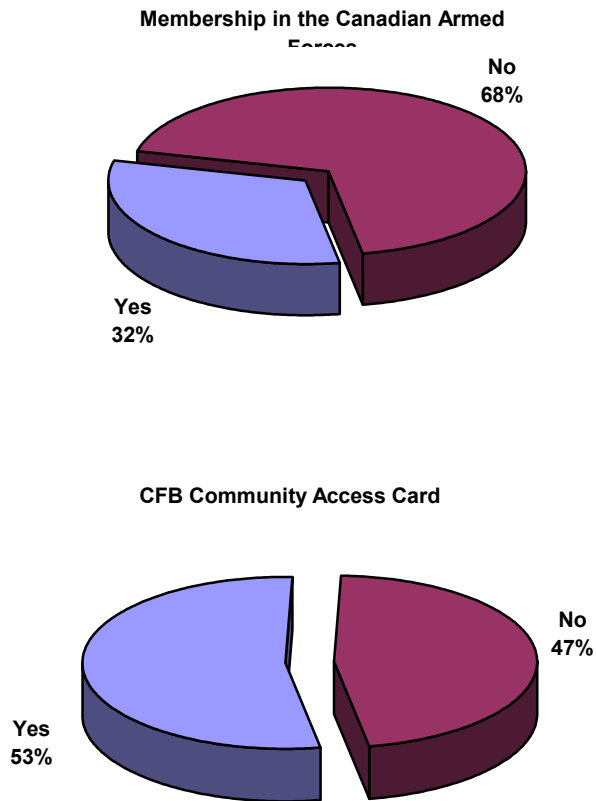
- The sample slightly over represents the opinions of households with no dependent children. In the sample, 42% of households consisted of married couples with no dependent children. This compared with 2006 Census Data showing 30% of households having a couple with no dependent children.

Figure 2
Gender and Age



- Census Data indicates the breakdown between Males and Females in Canada to be 53% and 47% respectively. Figure 2 shows sixty-one percent (61%) of the respondents to the survey were male, resulting in the opinions of males being slightly over represented.
- Also, the opinions of young adults (under the age of 30) are underrepresented, whereas the opinions of adults over 49 years of age are over represented in the sample.

Figure 3
Armed Forces Membership and Community Access Card

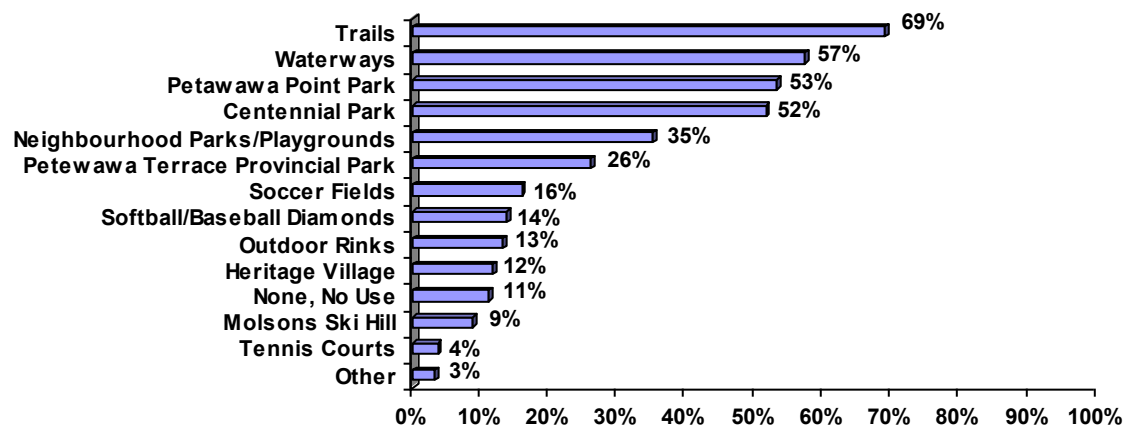


- Figure 3 shows the percentage of households with membership in the armed forces and whether the household has a Community Access Card.

Outdoor Recreation Spaces

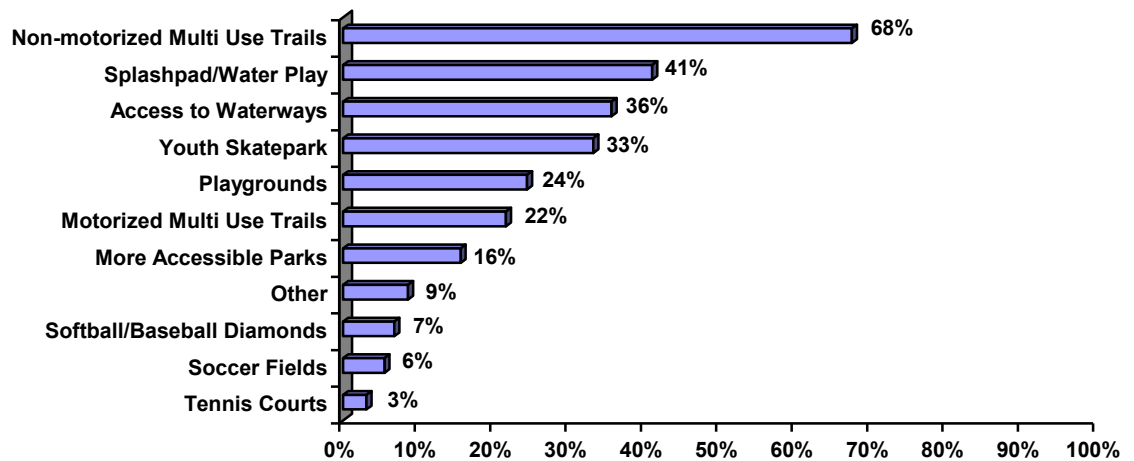
- Eighty nine percent (89%) of respondents or a member of their household had visited an outdoor recreation space in the last twelve months.

Figure 4
Outdoor Facility Use



- *Figure 4* lists the outdoor spaces visited in the past twelve months. Trails (69%), Waterways (57%), Petawawa Point (53%) and Centennial Park (52%) are the most used outdoor spaces.
- Younger respondents and households with dependent children were more likely than other respondents to use outdoor spaces. Younger respondents were also more likely to use active outdoor spaces such as soccer fields and baseball diamonds. This is important to consider when looking at the overall data and warrants further investigation due to the under representation of younger adults in the survey. Use of outdoor spaces by households with dependent children was the highest among all demographic sub groups at 97%.
- More than 4 out of 5 respondents (82%) felt that now was a good time to invest in new or improved outdoor parks or recreation spaces in Petawawa. This majority was consistent amongst all demographic sub groups.

Figure 5
Investment in Public Outdoor Facilities

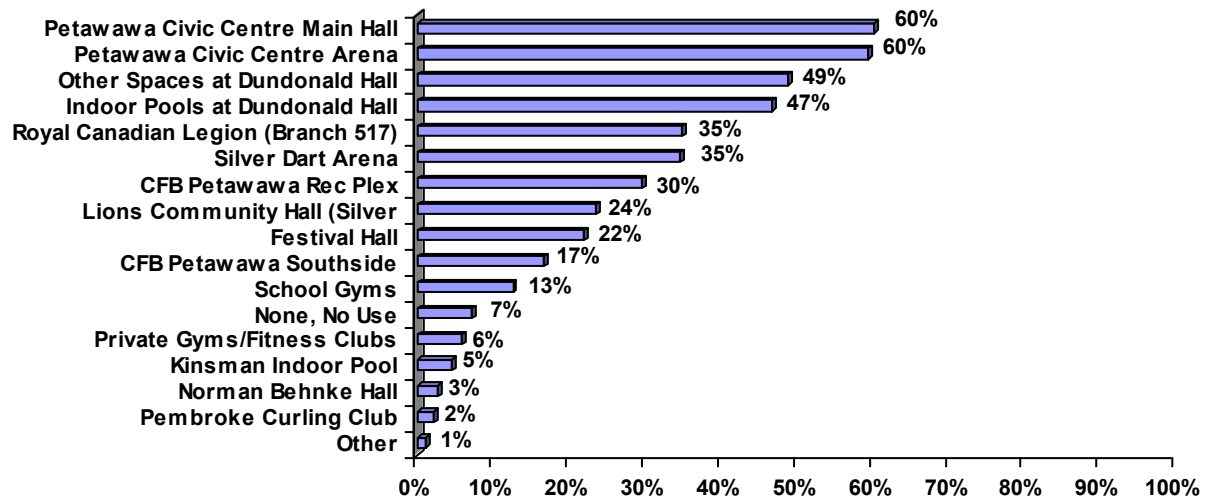


- Respondents were asked in which types of outdoor facilities to invest. As *Figure 5* shows, respondents overwhelmingly favoured investing in non-motorized multi-use trails (68%). There was also support for a splash pad/water play park (41%), greater access to waterways (36%) and a youth skate park (33%). The importance placed on these facilities is fairly consistent across demographic sub groups in the survey. There is however, stronger support for a splash pad/water park among respondents younger than 50 years of age (58%), and households with dependent children (59%).

Indoor Recreation Spaces

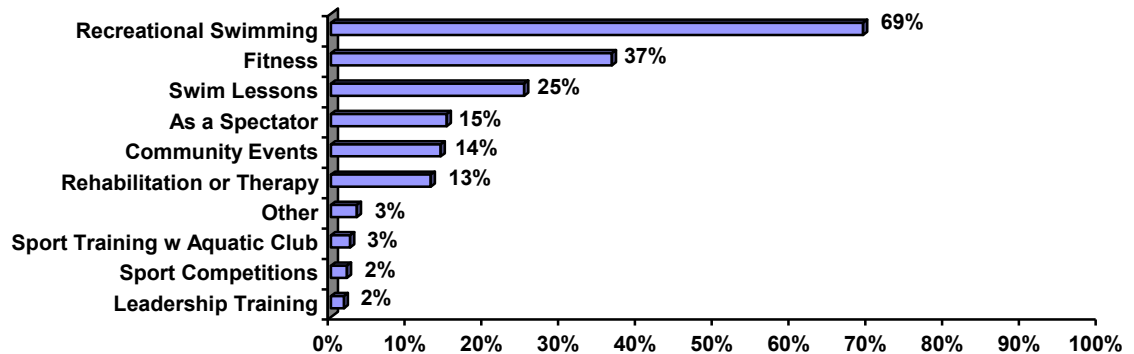
- Ninety three percent (93%) of respondents or a member of their household had visited at least one of the indoor recreation facilities listed in the survey in the last twelve months.
- Figure 6 lists the facilities visited in the past twelve months. The Petawawa Civic Centre (60%) and Dundonald Hall (48%) are the facilities visited most often.

Figure 6
Indoor Facility Use



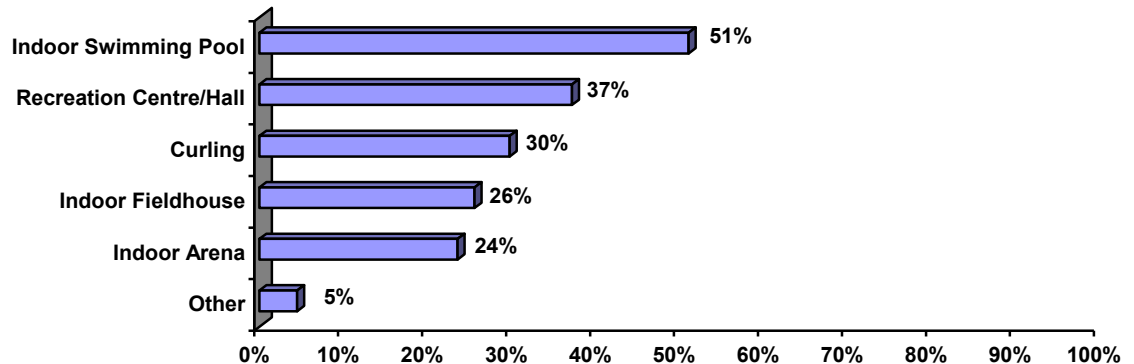
- Younger respondents, households with dependent children, and members of the armed forces were all more likely to have used an indoor recreation facility in the past year. For example, 82% of households without dependent children had visited a facility in the past year compared with 99% of households with dependent children who had visited an indoor facility in the past year.
- *Figure 7* lists the types of use for which respondents reported visiting an indoor pool. Sixty nine percent (69%) of respondents reported using the pool for recreational swimming. Recreational swimming was the most prevalent type of use amongst all demographic subgroups although use of the pool for recreational swimming does decrease as respondents get older.

Figure 7
Types of Indoor Pool Use



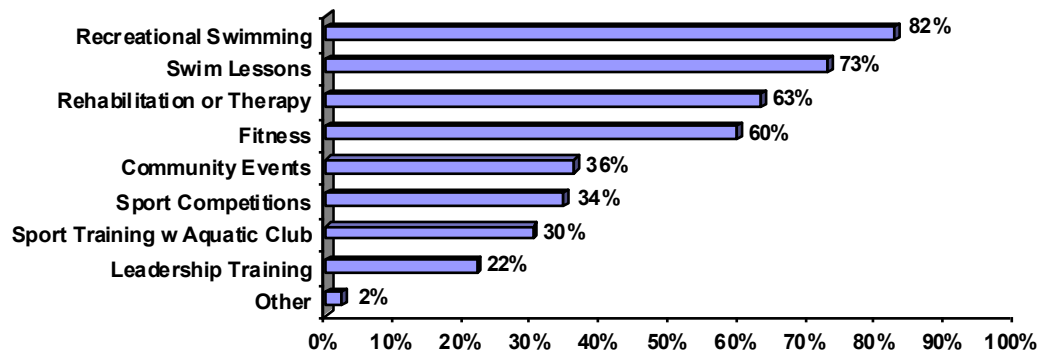
- Uses of the pool vary by age and by the presence of dependent children in the household. For example, respondents with dependent children were more likely than those with no children to use the pool for swim lessons. Respondents over 70 years of age were more likely to use the pool as a spectator or for rehabilitation and therapy.
- Over three quarters of respondents (77%) felt that now was a good time to invest more, better quality or replacement public indoor facilities in Petawawa. This majority was consistent amongst all demographic sub groups.
- Respondents were asked in which types of indoor facilities to invest. *Figure 8* shows that respondents' first choice would be investing in an indoor swimming pool (51%). The importance placed on an indoor pool is consistent across all demographic sub groups in the survey with the exception of those respondents between 40 and 49 years old.

Figure 8
Investment in Public Indoor Facilities



- Figures 9, 10 and 11 show the types of opportunities that respondents feel should be provided should any of the proposed facilities in Figure 8 be constructed.

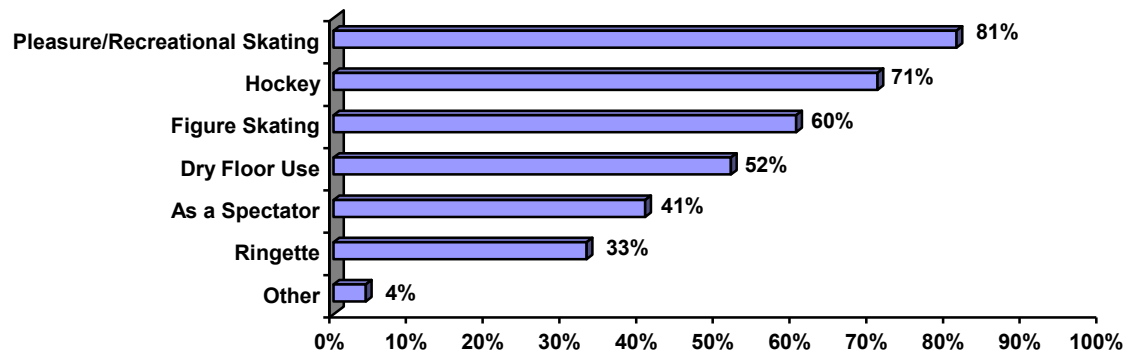
Figure 9
Future Public Indoor Aquatic Facilities Should Provide



- In Figure 9 the percentage of respondents that desire a specific indoor pool opportunity is greater than the percentage of respondents who actually reported being involved in that activity (Figure 7). This could be because respondents realize they may have future plans to be involved themselves or because they realize recreation is for the “public good” and helps create a healthier community that benefits all residents, including those that don’t necessarily take advantage of a recreation opportunity.

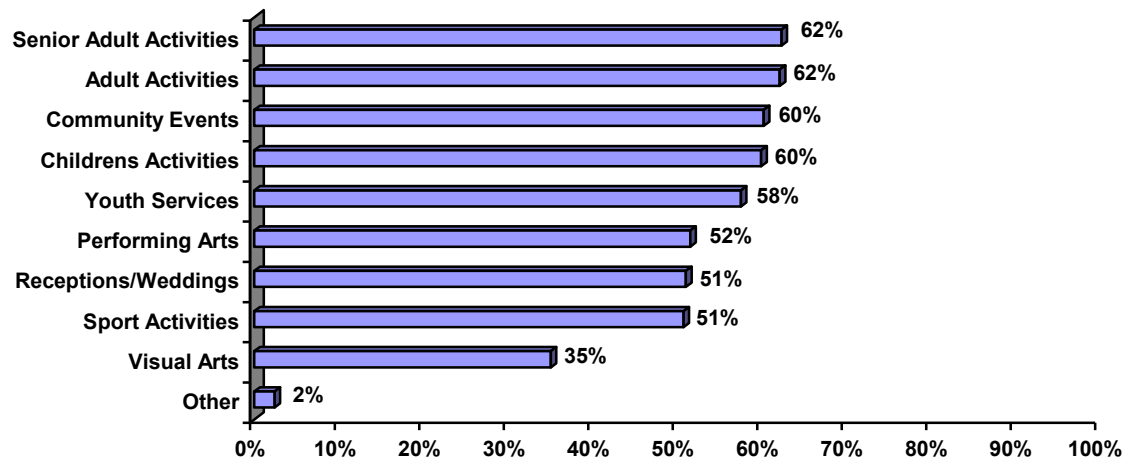
The relative importance of indoor arena opportunities is shown in Figure 10. Recreational skating (81%) and hockey (71%) are viewed as most important.

Figure 10
Future Public Indoor Arena Facilities Should Provide



- The relative importance of recreation centre/ hall opportunities is shown in *Figure 11*. The evenly distributed desire for a variety of opportunities demonstrates the need for multi-use recreation facilities that serve a variety of purposes.

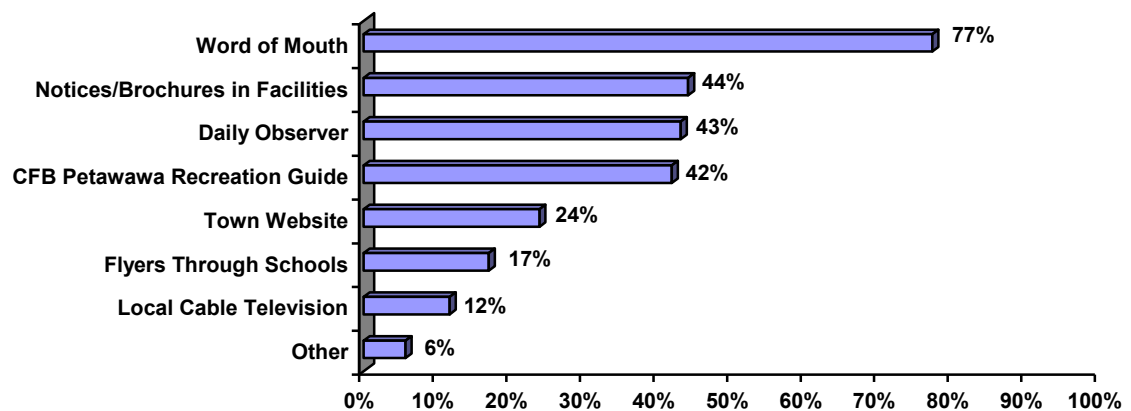
Figure 11
Future Recreation Centre/Hall Should Provide



Parks, Recreation and Cultural Services

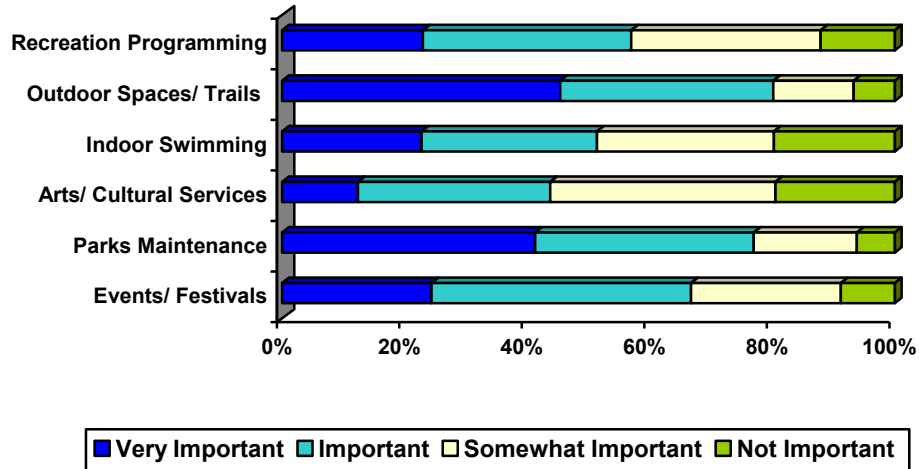
- *Figure 12* shows that Word of Mouth (53%), Notices/Brochures in Facilities (44%), the Daily Observer (43%) and the CFB Recreation Guide were the four most prevalent ways in which respondents found out about parks, recreation and cultural services.

Figure 12
How Do You Learn About Services



- Surprisingly, electronic media such as the Town Website (24%) or Local Cable Television (12%) were not prominent sources of information for most respondents. Local Cable Television was a more important source of information for those over 69 years of age (28%).

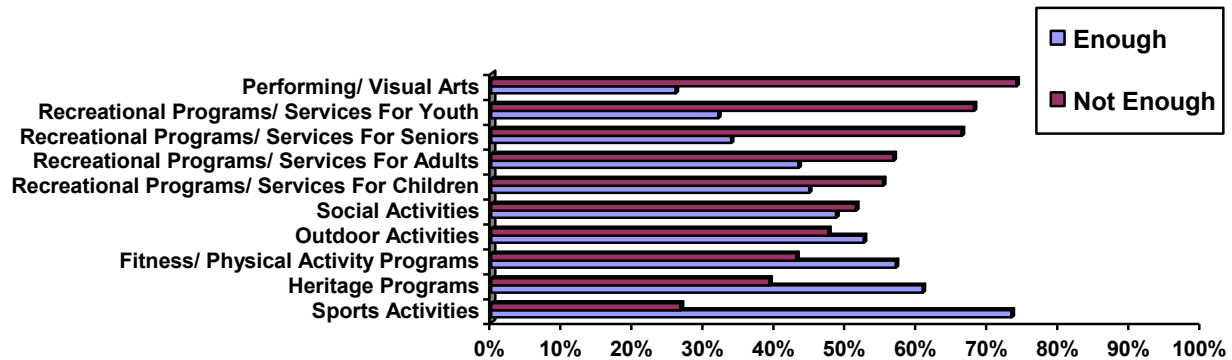
Figure 13
Importance of Services



- *Figure 13* shows the importance of certain services to the respondents' household for the entire sample. The most important services appear to be Outdoor Open Spaces and Park Maintenance. This is consistent with both the reported use of existing outdoor facilities and the desire for new or improved outdoor facilities.

- The survey asked respondents whether in their opinion, there were enough parks, recreation or cultural opportunities / services in Petawawa. Taking into account those respondents that had an opinion, *Figure 14* shows a clear majority felt there were not enough opportunities/services in the areas performing/visual arts, services for youth, and services for seniors. Enough opportunities were being offered with respect to sports activities, heritage programs and physical activity programs.

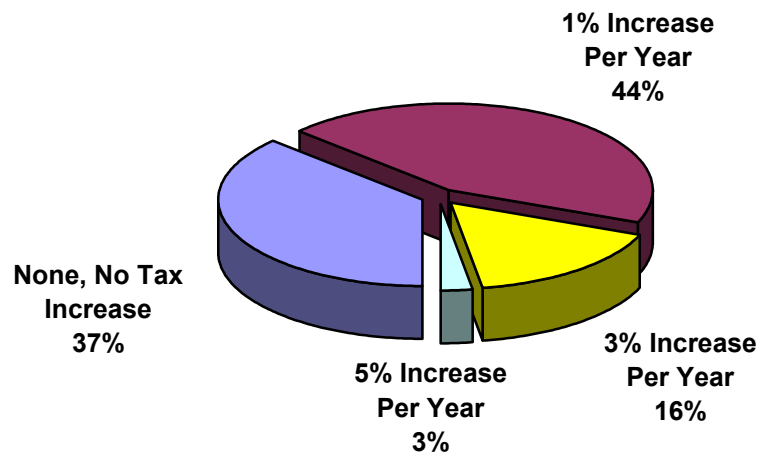
Figure 14
Are There Enough Opportunities/Services



Tax Support for Public Indoor Facilities

- Figure 15 shows the strong support for investment in public facilities translated into support for a moderate tax increase among respondents. Sixty-one percent (61%) of respondents supported a tax increase of at least 1% per year to help build and/or operate new or improved recreation spaces.
- Support for a tax increase was strongest amongst respondents less than 60 years of age (66%), households with annual incomes over \$40,000 (65%) and households with dependent children (75%).

Figure 15
Tax Support for Investment in Public Indoor Facilities



Appendix 4 –Comments received from June 15, 2011 Public Meeting

**** Note: To be inserted following Public Meeting.**

Appendix 5 – Individual Park Inventories

Petawawa Civic Centre Park					EXISTING CONDITIONS		
TOWN OF Petawawa							
Location: Civic Centre Road							
Area: 94.76 acres Park Category: Community Park					Date of Base Plan:		
					No. of Base Plan:		
Park Equipment		Description			Date/Cons	Condition	
	Civitan Playland						
4	Benches	Wood / Metal				Excellent	
1	Picnic Table	Wood				Good	
1	Gazebo	Wood (lined with 7 bench seats on the inside) / Cement Base				Good	
2	Waste Receptacles	Plastic				1 Average; 1Excellent	
1	Bicycle Rack	Metal				Average	
1	Park Sign	Metal				Average	
	Civic Centre Park Pergola						
6	Benches	Plastic / Metal				Average	
Play Equipment		Age Group	Material	Surface	Condition	CSA Standards	Date/Inst.
1	Play Apparatus	2-5	Plastic / Metal	Astroturf	Excellent		
1	Swing	2-5 (2 seats)	Metal / Rubber	Sand	Average		
2	Spring Toy	2-5	Plastic / Metal	Sand	Excellent		
1	Sitting Toy	2-5	Plastic	Sand	Excellent		
1	Sitting / Tunnel Toy	2-5	Plastic	Astroturf	Excellent		
1	Music/Tic-Tac-Toe/Maze	2-5	Plastic / Metal	Rubber Bond	Excellent		
1	Play Apparatus	5-12	Plastic / Metal	Rubber Bond	Excellent		
1	Saucer Swing	2-12	Metal / Plastic	Sand	Excellent		
1	Triple Hoop	5-12	Plastic / Metal	Asphalt	Excellent		
1	Bouldering Wall	5-12	Artificial Rock	Astroturf	Excellent		
1	Swing	5-12 (2 seats)	Metal / Rubber	Sand	Good		
2	Talk Tubes	5-12	Metal	Rubber Bond	Excellent		
Amenities		Description					
Community Hall							
Library							
Medical Centre							

Petawawa Civic Centre Park (cont'd)					EXISTING CONDITIONS		
Heritage Village		The re-creation of heritage homes and associated facilities.					
Mini-golf Course							
R.C. Car Crash Derby		Area for remote control cars.					
<p>Notes: Playground sign does not match other town park signs. Stake no longer needed for tree in playground; can remove. The lid of one of the waste receptacles has a crack in it. The cement base in the gazebo has a big crack through the middle. The seats of the 2-5 year old swing are old. The saucer swing is a universal access swing.</p>							
Park Equipment		Description			Date/Cons	Condition	
	Sports Fields						
23	Bleachers	Wood / Metal				Poor	
1	Picnic Table	Wood				Excellent	
18	Picnic Tables	Plastic / Metal (17 stored by canteen; 1 by Tennis Courts)				Excellent	
6	Team Benches	Wood / Metal				Average	
1	Picnic Pavillion	Steel / Concrete (with Canteen)				Excellent	
20+	Waste Receptacles	Plastic (most are stored in a baseball team shelter for winter)				Average to Excellent	
1	Gazebo	Wood (by Tennis Courts)				Average	
Play Equipment		Age Group	Material	Surface	Condition	CSA Standards	Date/Inst.
	(See Page 1)						
Sports		Dimensions	Material/Surf.	Condition	Lighting	Drainage	Date/Const.
3 x Tennis Courts			Rubber / Stone	Excellent	Yes	Excellent	
3 x Baseball Fields		240';275';290'	Gravel / Grass	Good	Yes (2)	Excellent	
3 x Beach Volleyball Courts			Sand		No		
2 x Soccer Fields			Grass	Good	No	Excellent	
Football / Soccer Field			Grass	Good	Yes	Excellent	
Horseshoes			Grass / Sand / Wood	Average	No		
Cross-country Ski Trails							
Amenities		Description					
Community Hall							
Library							
Medical Centre							
Heritage Village		The re-creation of heritage homes and associated facilities.					
Mini-golf Course							
R.C. Car Crash Derby		Area for remote control cars.					

Centennial Park					EXISTING CONDITIONS		
TOWN OF Petawawa							
Location: Park Drive							
Area: 19.94 acres					Park Category: Community Park		
					Date of Base Plan:		
					No. of Base Plan:		
Park Equipment		Description			Date/Cons	Condition	
25	Benches	Wood / Metal				Good to Excellent	
8	Picnic Tables	Wood / Metal				Average to Good	
2	Waste Receptacle	Wood / Metal				Excellent	
8	Waste Receptacles	Plastic				Excellent	
1	Chapel	Wood				Average (interior incomplete)	
1	Gazebo	Wood / Metal (lined with 6 bench seats on the inside)				Good	
Play Equipment		Age Group	Material	Surface	Condition	CSA Standards	Date/Inst.
1	Play Apparatus	2-12	Plastic / Metal	Sand	Excellent		
1	Swing	2-5 (2 seats)	Metal / Rubber	Sand	Good		
		5-12 (2 seats)					
Amenities		Description					
Parking		Off of Park Drive, on the northwest side of the park.					
Washrooms		A washroom building is located near the beach.					
Performance Stage		A beautiful log performance stage on a stone wall base.					
Outdoor Museum		Historical army equipment display.					
<p>Notes: Stunning views of Petawawa River. The benches on the upper levels are in rougher shape than the others.</p> <p>Several benches and picnic tables are missing their plaques.</p>							

Petawawa Point					EXISTING CONDITIONS		
TOWN OF Petawawa							
Location: Park Drive							
Area: 19.94 acres					Park Category: Community Park		
					Date of Base Plan:		
					No. of Base Plan:		
Park Equipment		Description			Date/Cons	Condition	
7	Benches	Wood / Metal				Good	
3	Benches	Metal				Excellent	
7	Picnic Tables	Wood / Metal				Average	
16	Waste Receptacles	Plastic (in the beach area)				Good	
2	Waste Receptacles	Wood / Plastic / Metal (large and below grade)				Excellent	
1	Waste Receptacle	Plastic (at the rock outlook)				Excellent	
1	Bicycle Rack	Metal				Good	
1	Interpretation Window	Panels of information looking out to water				Excellent	
Play Equipment		Age Group	Material	Surface	Condition	CSA Standards	Date/Inst.
1	Play Apparatus	5-12	Plastic / Metal	Sand	Excellent		
Amenities		Description					
Public Beach		Sandy beach along the Ottawa River.					
Boardwalk		Scenic walk along the beach beside the road.					
Washrooms		Washroom facility by the playground.					
Parking		Ample parking.					
Boat Launch		A launch safely away from the public swimming area.					
Notes: Incredibly beautiful scenery. Some of the waste receptacles are missing the swing doors of their lids.							

Nature's Acre Park					EXISTING CONDITIONS		
TOWN OF Petawawa							
Location: Hilda Street/Scott Avenue							
Area: 1.41 acres					Park Category: Mini-park		
					Date of Base Plan:		
					No. of Base Plan:		
Park Equipment		Description			Date/Cons	Condition	
1	Bench	Wood / Metal (with cement pad)				Average	
2	Picnic Tables	Wood / Metal (1 has cement pad)				Average	
1	Waste Receptacle	Plastic				Good	
1	Waste Receptacle	Metal (bear safe)				Excellent	
1	Bicycle Rack	Metal				Average	
1	Park Sign	Metal				Excellent	
Play Equipment		Age Group	Material	Surface	Condition	CSA Standards	Date/Inst.
2	Spring Toys	2-5	Plastic / Metal	Sand	Excellent		
1	Seesaw	2-5	Metal / Plastic	Sand	Excellent		
2	Talk Tubes	5-12	Metal	Grass	Average		
1	Swing	2-5 (2 seats)	Metal	Sand	Average		
		5-12 (2 seats)					
1	Tic-Tac-Toe	5-12	Plastic	Grass	Excellent		
1	Play Apparatus	5-12	Plastic / Metal	Sand	Excellent		
1	Spinner	5-12	Metal/Plastic	Sand	Excellent		
1	Seesaw	5-12 (2 set)	Metal	Sand	Average		
<p>Notes: Wooded area on three sides of the park. The seats of the swing are worn. The swing door of the waste receptacle is missing.</p>							

Briar Patch Park					EXISTING CONDITIONS		
TOWN OF Petawawa							
Location: Briarwood Drive / Patricia Street							
Area: 0.17 acres Park Category: Neighbourhood Park					Date of Base Plan:		
					No. of Base Plan:		
Park Equipment		Description			Date/Cons	Condition	
1	Bench	Wood / Metal (with cement pad)				Good	
1	Waste Receptacle	Plastic				Excellent	
1	Park Sign	Metal				Excellent	
Play Equipment		Age Group	Material	Surface	Condition	CSA Standards	Date/Inst.
2	Spring Toys	2-5	Plastic / Metal	Sand	Excellent		
2	Talk Tubes	2-5	Plastic / Metal	Sand	Average		
1	Play Apparatus	2-5	Plastic / Metal	Sand	Average		
1	Play Jeep	2-5	Metal / Wood / Rubber	Sand	Average		
1	Scoop	2-5	Metal	Sand	Average		
1	Seesaw	2-5 (1 set)	Metal	Sand	Average		
1	Abacus / Tic-Tac-Toe	2-5	Plastic / Metal	Sand	Average		
1	Seesaw	2-5	Metal / Plastic	Sand	Excellent		
1	Swing	2-5 (2 seats)	Metal / Rubber	Sand	Average		
		5-12 (2 seats)					
1	Slide	5-12	Plastic / Metal	Sand	Average		
Notes: There's a pathway alongside the park between house lots to the next two streets. The swing seats are worn but the structure is good.							

Woodland Park					EXISTING CONDITIONS		
TOWN OF Petawawa							
Location: Woodland Crescent							
Area: 0.21 acres					Park Category: Mini-park		
					Date of Base Plan:		
					No. of Base Plan:		
Park Equipment		Description			Date/Cons	Condition	
2	Benches	Wood / Metal (with cement pad)				Average	
2	Picnic Tables	Wood / Metal (with cement pad)				Average	
1	Waste Receptacle	Plastic				Average	
1	Waste Receptacle	Metal (bear safe)				Excellent	
1	Park Sign	Metal				Excellent	
Play Equipment		Age Group	Material	Surface	Condition	CSA Standards	Date/Inst.
1	Play Apparatus	5-12	Plastic / Metal	Sand	Excellent		
1	Swing	2-5 (2 seats)	Metal / Plastic / Rubber	Sand	Excellent		
		5-12 (2 seats)					
Notes: One of the swings is universal access. The waste receptacle lid is broken.							

Indian Diamond Park					EXISTING CONDITIONS		
TOWN OF Petawawa							
Location: Victoria Street							
Area: 7.00 acres				Park Category: Neighbourhood Park		Date of Base Plan:	
						No. of Base Plan:	
Park Equipment		Description			Date/Cons	Condition	
3	Waste Receptacles	Plastic (2 by the backstop & 1 by the parking lot)				Excellent	
1	Park Sign	Metal				Excellent	
3	Bleachers	Wood / Metal				Poor	
	Children's Baseball						
1	Waste Receptacle	Plastic				Good	
2	Bleachers	Wood / Metal				Poor	
2	Team Benches	Wood / Metal				Average	
Sports		Dimensions	Material/Surf.	Condition	Lighting	Drainage	Date/Const.
Baseball		310'	Grass / Gravel	Good	No	Excellent	
Children's Baseball			Grass	Good	No	Excellent	
Amenities		Description					
Team Shelters		Nice concrete & wood shelters with benches; benches not in great shape.					
Parking		Asphalt parking lot behind the Renfrew County Adult High School.					

Kiddyland Park					EXISTING CONDITIONS		
TOWN OF Petawawa							
Location: Herman Street / John Street for Playground; Norman Street / John Street for Baseball							
Area: 5.79 acres		Park Category: Neighbourhood Park			Date of Base Plan:		
					No. of Base Plan:		
Park Equipment		Description			Date/Cons	Condition	
3	Benches	Wood / Metal (2 with cement pads)				Average	
2	Picnic Tables	Wood / Metal (with cement pad)				Average	
3	Waste Receptacles	Plastic				Excellent	
1	Park Sign	Metal				Excellent	
1	Bicycle Rack	Metal				Good	
	At Ball Diamond						
1	Bicycle Rack	Metal				Good	
2	Waste Receptacles	Plastic				1 Average; 1 Excellent	
3	Bleachers	Wood / Metal				Poor	
Play Equipment		Age Group	Material	Surface	Condition	CSA Standards	Date/Inst.
1	Play Apparatus	2-12	Plastic / Metal	Sand	Good		
1	Swing	2-5 (4 seats)	Metal / Plastic / Rubber	Sand	Good		
1	Spring Toy	2-5	Metal	Sand	Poor		
1	Swing	5-12 (4 seats)	Metal / Rubber	Sand	Average		
1	Seesaw	5-12 (4 sets)	Metal	Sand	Average		
Sports		Dimensions	Material/Surf.	Condition	Lighting	Drainage	Date/Const.
Baseball		200'	Grass / Gravel	Good	No	Excellent	
Basketball			Asphalt	Average	No		
Hopscotch Court			Cement	Good	No		
Amenities		Description					
Parking		Two gravel parking lots; one by the baseball field and one by the playground.					
Nursery School		Park is adjacent to the nursery school.					
Washroom Facilities		Washrooms are located by the baseball field.					
Notes: One swing is universal access. The lid of one waste receptacle at the ball diamond is missing.							

Enchanted Forest Park					EXISTING CONDITIONS		
TOWN OF Petawawa							
Location: Bayshore Drive / Earl Street							
Area: 1.42 acres					Park Category: Neighbourhood Park		
					Date of Base Plan:		
					No. of Base Plan:		
Park Equipment		Description			Date/Cons	Condition	
1	Bench	Metal				Average	
1	Waste Receptacle	Plastic				Excellent	
1	Park Sign	Metal				Good	
1	Bicycle Rack	Metal				Good	
Play Equipment		Age Group	Material	Surface	Condition	CSA Standards	Date/Inst.
1	Play Apparatus	2-5	Metal / Plastic / Wood	Sand	Poor		
2	Spring Toys	2-5	Plastic / Metal	Sand	Excellent		
2	Spring Toys	2-5	Plastic / Metal	Sand	Poor		
1	Swing	2-5 (2 seats)	Metal / Rubber	Sand	Excellent		
		5-12 (2 seats)					
1	Play Apparatus	5-12	Metal / Plastic	Sand	Excellent		
1	Climber	5-12	Metal	Sand	Good		
2	Talk Tubes	5-12	Metal	Sand	Average		
Notes: View onto wetlands beside the river. Two spring toys are missing their handlebars.							

Jack Pine Park					EXISTING CONDITIONS		
TOWN OF Petawawa							
Location: Carla Street / Derek Drive							
Area: 2.14 acres					Park Category: Neighbourhood Park		
					Date of Base Plan:		
					No. of Base Plan:		
Park Equipment		Description			Date/Cons	Condition	
1	Bench	Metal / Wood				Average	
2	Picnic Tables	Metal / Wood				Average	
2	Waste Receptacles	Plastic				1 Average; 1Excellent	
Play Equipment		Age Group	Material	Surface	Condition	CSA Standards	Date/Inst.
1	Swing	2-5 (2 seats)	Metal / Rubber	Sand	Average		
2	Spring Toys	2-5	Plastic / Metal	Sand	Excellent		
1	Swing	5-12 (4 seats)	Metal / Rubber	Sand	Good		
1	Play Apparatus	5-12	Plastic / Metal	Sand	Good		
Notes: Beautiful forested area in the backland; open green space. One waste receptacle has a hole in the swing door of the lid.							

Fish Hatchery Park					EXISTING CONDITIONS		
TOWN OF Petawawa							
Location: Laurentian Drive / Sunset Crescent							
Area: 1.30 acres					Park Category: Neighbourhood Park		
					Date of Base Plan:		
					No. of Base Plan:		
Park Equipment		Description			Date/Cons	Condition	
2	Benches	Wood / Metal				Good	
2	Picnic Tables	Wood / Metal (1 on a concrete pad)				Average	
2	Table & Bench Sets	Wood / Metal (under shelter)				Average	
2	Waste Receptacles	Wood / Plastic				1 Good; 1 Excellent	
1	Shelter	Wood (with concrete pad)				Good	
1	Bicycle Rack	Metal				Good	
1	Park Sign	Metal				Excellent	
Play Equipment		Age Group	Material	Surface	Condition	CSA Standards	Date/Inst.
1	Play Apparatus	2-12	Plastic / Metal	Sand	Good		
1	Swing	2-5 (2 seats)	Metal / Rubber	Sand	Excellent		
		5-12 (2 seats)					
1	Seesaw	5-12 (3 set)	Metal	Sand	Average		
Amenities		Description					
Parking		Petawawa Terrace Provincial Park parking lot is adjacent to the Fish Hatchery.					
Notes: Nice large pine tree area for sitting in shade. One waste receptacle is missing the swing door to its lid.							

Kramer's Korner Park					EXISTING CONDITIONS		
TOWN OF Petawawa							
Location: Heritage Drive / Gutzman Road							
Area: 2.64 acres					Park Category: Neighbourhood Park		
					Date of Base Plan:		
					No. of Base Plan:		
Park Equipment		Description			Date/Cons	Condition	
2	Picnic Tables	Wood / Metal				Average	
2	Benches	Wood / Metal				1 Average; 1 Good	
2	Waste Receptacles	Plastic				Good	
1	Park Sign	Metal				Excellent	
Play Equipment		Age Group	Material	Surface	Condition	CSA Standards	Date/Inst.
1	Spring Toy	2-5	Metal	Sand	Average		
1	Swing	2-5 (2 seats)	Metal / Plastic / Rubber	Sand	Good		
		5-12 (2 seats)					
1	Play Apparatus	2-12	Plastic / Metal / Wood	Sand	Excellent		
1	Climber	5-12	Metal	Sand	Average		
Notes: Park located in a beautiful pine forest providing abundant shade; one swing seat is universally accessible.							

Turtle Park					EXISTING CONDITIONS		
TOWN OF Petawawa							
Location: Sylvan Drive							
Area: 0.35 acres					Park Category: Mini-park		
					Date of Base Plan:		
					No. of Base Plan:		
Park Equipment		Description			Date/Cons	Condition	
1	Bench	Wood / Metal				Average	
1	Picnic Table	Wood / Metal				Average	
1	Waste Receptacle	Plastic				Excellent	
1	Park Sign	Metal				Excellent	
Play Equipment		Age Group	Material	Surface	Condition	CSA Standards	Date/Inst.
1	Swing	2-5 (2 seats)	Metal / Rubber	Sand	Good		
		5-12 (2 seats)					
1	Play Apparatus	2-12	Plastic / Metal	Sand	Good		
1	Climber	5-12	Metal	Sand	Average		
Notes: Adjacent to a natural wetland area; beautiful view.							

Pine Ridge Park					EXISTING CONDITIONS		
TOWN OF Petawawa							
Location: Pineridge Crescent / Garwin Street							
Area: 2.10 acres				Park Category: Neighbourhood Park		Date of Base Plan:	
						No. of Base Plan:	
Park Equipment		Description			Date/Cons	Condition	
2	Benches	Wood / Metal				Average	
2	Picnic Tables	Wood / Metal				1 Poor; 1 Average	
3	Waste Receptacles	Plastic				Good	
Play Equipment		Age Group	Material	Surface	Condition	CSA Standards	Date/Inst.
1	Spring Toy	2-5	Plastic / Metal	Sand	Excellent		
1	Spring Toy	2-5	Plastic / Metal	Sand	Average		
1	Swing	2-5 (2 seats)	Metal / Rubber	Sand	Good		
		5-12 (2 seats)					
1	Play Apparatus	5-12	Plastic / Metal	Sand	Good		
1	Slide	5-12	Plastic / Metal	Sand	Excellent		
1	Seesaw	5-12 (2 set)	Metal	Sand	Average		
Sports		Dimensions	Material/Surf.	Condition	Lighting	Drainage	Date/Const.
Basketball			Asphalt	Good	No	Excellent	
Ice Rink			Grass;Wood Boards	Good	Yes		
Notes: Lack of shaded areas. Ice rink is not a part of the immediate playground area but to the south, between it and the O.P.P. One picnic table has a warped table top.							

Lakeview Park					EXISTING CONDITIONS		
TOWN OF Petawawa							
Location: Lakeview Avenue / Centre Street							
Area: 1.22 acres				Park Category: Neighbourhood Park		Date of Base Plan:	
						No. of Base Plan:	
Park Equipment		Description			Date/Cons	Condition	
3	Benches	Metal				Average	
2	Picnic Tables	Wood / Metal				Average	
1	Waste Receptacle	Plastic				Average	
Play Equipment		Age Group	Material	Surface	Condition	CSA Standards	Date/Inst.
1	Spring Toy	2-5	Plastic / Metal	Sand	Excellent		
1	Slide	2-5	Plastic / Metal	Sand	Excellent		
1	Swing	2-5 (2 seats)	Metal / Plastic / Rubber	Sand	Excellent		
1	Play Apparatus	2-12	Plastic / Metal	Sand	Excellent		
1	Seesaw	5-12 (2 set)	Metal	Sand	Good		
1	Triple Hoop	5-12	Plastic / Metal	Grass / Sand	Excellent		
Notes: Several mature trees, forested area in the backland. 1 swing seat is a universal accessible seat. Lacking a town park sign. There is a large crack in the lid of the waste receptacle.							

Appendix 6 – Site Specific Improvements to Redevelop Town Parks

Overall Park Design

All neighbourhood parks should have enhanced landscaped entry features and additional landscaping throughout the site, particularly around sitting areas, to create more unique and visually stimulating sites that will encourage visitors to spend more time in the park. To reduce strain on staff resources and water demands, low maintenance plant species should be chosen and no-mow zones, comprised of native wildflowers and grasses, should be incorporated. Additionally, opportunities for more social interactions should be created in neighbourhood park settings.

Any playground enhancements or redesign undertakings would benefit from collaborating with children to discover what their ideas for play options are. Playground design should create dynamic play spaces with a variety of colours and texture, provide explorative opportunities, allow for climbing and balancing and provide challenges for the mind and body.

Overall Playground and Park Equipment

- Incorporate more play options into the neighbourhood parks which have the capacity;
- Repaint most of the metal playground structures, such as the swing set frames, climbing structures and seesaws, to improve their appearance;
- Repaint/stain most wooden benches to make them more visually appealing, as they are presently very weathered in appearance. The benches at Centennial Park, Greater Petawawa Civitan Playground, Petawawa Point, Fish Hatchery, Briar Patch, and one of the two at Kramer's Korner are in good condition.
- Refurbish vandalized picnic tables and benches;
- Replace the missing or broken pieces of waste receptacles noted on inventory sheets.

Petawawa Civic Centre Park

Greater Petawawa Civitan Playground

- Upgrade the chain link fence surrounding the playground using the same black iron fencing used for the public library courtyard, to enhance visual appeal and continuity throughout the greater site;
- To increase safety, complete the perimeter fence separating the playground and parking lot, with the exception of the entry gate;
- Connect playground elements with pathways to allow for ease of access for park users;
- Replace the benches under the pergola.

Sports Field Complex

With respect to outdoor sports amenities, the core of Petawawa is exceptionally well served, particularly by Civic Centre Park and CFB Petawawa facilities.

- Formalized pedestrian pathways linking the park's various facilities and amenities are required;
- A new baseball diamond would increase the functionality of the diamonds;
- Relocate the bike park to avoid conflicts with the ball field;
- Add bicycle racks near ball diamonds
- Provide lighting on diamond #3 and improve drainage on diamond #3;
- Expand parking serving the sports fields;
- Incorporate a landscaped buffer zone from the backside of the tennis courts to the library courtyard to create a visual barrier to the unpaved lot behind the Civic Centre;
- Refurbish bleachers.

Centennial Park

- Add signage along Victoria Street indicating the existence of and how to access Centennial Park;
- Relocate the fire station entry gate closer to the road and connect to the park with a walkway;
- Offer more seating options that are accessible to people of all abilities for viewing performances on the Evergreen Stage;
- Create a formalized walkway along the Catwalk;
- Repair degrading areas of the Catwalk;
- Landscape behind the municipal buildings;
- Include a volleyball court area;
- Consider maintaining the operation of the washroom facilities throughout the winter, as the park is a popular ice skating area;
- Replace missing plaques on the commemorative benches and picnic tables and remove graffiti on site furnishings.
- Add more bicycle racks

Petawawa Point

- Pursue the concept plan put forth in the 2002 Town of Petawawa Recreation Master Plan, as it remains relevant;
- Reorganization of the parking lot is highly recommended, in order to reduce vehicular congestion, to distance the vehicular circulation lane from the beach area, to create more open space, to make the boat launch its own amenity and to reduce the dominant visual impact that the parking lot currently has on the site;
- Provide a drop-off at the washroom building to facilitate off-site parking (as per 2002 Recreation Master Plan);
- Add more bicycle racks
- Provide a longer floating dock with informal tie-up for 3-4 boats, and consider multiple floating docks to increase short term dock capacity (as per 2002 Recreation Master Plan);
- Develop a picnic area to the south of the launch ramp; include a fish cleaning station (as per 2002 Recreation Master Plan);
- Provide a path and entrance plaza to the washroom building (as per 2002 Recreation Master Plan);
- Consider developing revenue generating activities, such as canoe/kayak/windsurfing rentals (as per 2002 Recreation Master Plan);

- Add play structures for the 2 to 5 year old age group to the playground;
- Create a buffer between the vehicular circulation and the information panel window display adjacent to the parking lot to ensure the safety and comfort of people gathering at this point;
- Change the waste receptacles to a more rustic style of receptacle, such as those found at the entry gates of Centennial Park, or similar to, but of a smaller scale, as the large MOLOK waste receptacles in the beach parking lot, to better match the character of the site;
- Add a more formal entry feature to the lookout point and alter the vehicular path to be less of a focal point;
- Include bench seating, perhaps commemorative ones, at the lookout point;
- Remove the graffiti from the rocks at the entry point to the lookout or commission a local artist to paint a mural over it.

Nature's Acre

- Create a more appealing entry;
- Consider the additional of outdoor fitness equipment for parents to use while supervising their children.

Briar Patch

- Pave the path through Briar Patch between Briarwood Drive and Spruce Street to allow more people to make use of this connection;
- Update older playground equipment;
- Remove the remaining beam and post structure from the former park signage.

Woodland Park

- Connect the playground to Woodland Trail.

Indian Diamond Park

- Provide a formal access to the park;
- Replace bleachers;
- Long-term sustainability of the site with its current function should be assessed.

Kiddyland Park

- Pursue the concept plan put forth in the 2002 Town of Petawawa Recreation Master Plan, as it remains relevant, though with consideration to our recommendation that Kiddyland be the site for a second universally accessible park (after Civic Centre Park) ;
- Incorporate more sport activity options (such as a basketball court, a tennis court, a mini-soccer field, a skate spot, fitness equipment);
- Create a softer transition zone between Kinder Connection Nursery School lot and the adjacent park by means of plantings and a more welcoming style of fencing than chain link;
- Create a path system to connect the ball diamond and the playground areas of the park, as well as the washroom facilities;

- Improve the lighting conditions to increase safety;
- Refurbish bleachers;
- Replace the basketball hoop and consider expanding to a full court (locate in an area that would allow for placement of a universally accessible park);
- Update older playground equipment.

Enchanted Forest

- Landscape the area around the adjacent pumping station and the parking lot barrier fence to enhance the character of this park;
- Add site furnishings (bench, picnic table) and remove metal bench;
- Consider the additional of outdoor fitness equipment for parents to use while supervising their children;
- Update older playground equipment.

Jack Pine Park

- Create a more appealing park entrance; relocate the park name sign to be beside the entrance;
- Incorporate more sport activity options (such as a basketball court, a tennis court, a mini-soccer field, a skate spot, fitness equipment);
- Jack Pine can serve as a gateway to the proposed trail along the Hydro corridor behind it; add a formalized trail through the park, connecting to the Hydro corridor;
- Planting beautification is recommended;
- Provide shade trees or shade structures closer to the playground equipment.

Fish Hatchery

- Pursue the concept plan put forth in the 2002 Town of Petawawa Recreation Master Plan, as it remains relevant, though with consideration to our recommendation that Fish Hatchery is the most suitable location for a dog park;
- Incorporate more sport activity options (such as a basketball court, a tennis court, a mini-soccer field, a skate spot, fitness equipment);
- Replace chain link fencing with a combination of vegetation and small berms to define edges and wooden fencing to make Fish Hatchery Park more inviting and to create a gradual transition from Petawawa Terrace Provincial Park to the Fish Hatchery site;
- Develop the parking lot to present a more formal and organized entry to the provincial park and to create a safer walking area for pedestrians moving between their cars, Petawawa Terrace, and Fish Hatchery;
- Create formal pathways through the park space and formalize entry points;
- Replace the tables under the shelter as they have been heavily vandalized;
- Remove and replace damaged trees; take protective measures, such as mass plantings, to prevent damage to new planted trees.

Kramer's Korner

- Create a formal entry at the corner of Gutzman and Heritage; relocate park sign to entry;

- Update older playground equipment.;
- Better distribute the waste receptacles across the site.

Turtle Park

- Create a formalized entrance to the park; currently park users have to walk through a ditch to access the park;
- Incorporate more sport activity options (such as a basketball court, a tennis court, a mini-soccer field, a skate spot, fitness equipment);
- Add sitting areas;
- Backing onto a wetland area, Turtle Park has the potential to be the gateway to a nature viewing hotspot.

Pine Ridge Park

- Pursue the concept plan put forth in the 2002 Town of Petawawa Recreation Master Plan, as it remains relevant;
- Replace the chain link fencing with mass planting and/or berms or in combination with a more playful style fence to create a more welcoming and attractive atmosphere;
- Use a vegetative screen to conceal the view of the back of the O.P.P. building and parking lot;
- Connect park amenities (basketball court, playground, outdoor rink) with a pathway;
- Replace the boards of the outdoor rink;
- Upgrade the warm-up shelter;
- Relocate entry from the O.P.P. parking lot to the southeast side of the park;
- Create sitting areas around the basketball court and ice rink to encourage greater peer spectator involvement;
- Enhance the basketball court with court lines;
- Integrate the B.G. Watt commemorative rock into a more appealing park entry;
- Plant trees around sitting areas for shade;
- Remove and replace damaged trees; take protective measures, such as mass plantings, to prevent damage to new planted trees.

Lakeview Park

- Create a visually interesting foreground to Lakeview Park with plantings along the roadside edge;
- Integrate a vegetated buffer between the residential lot along the north fence line and the park;
- Create a formal park entry and a path connecting to the playground;
- Incorporate more sport activity options (such as a basketball court, a tennis court, a mini-soccer field, a skate spot, fitness equipment);
- Replace metal benches with new wooden ones;
- Remove and relocate the fencing along the south side of the park as the trees on the opposite are growing into it;
- Add a municipal town park sign;
- Plant shade trees or incorporate shade structures closer to the playground equipment.

Appendix 7 - Tree Preservation, Protection and Maintenance in the Town of Petawawa

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INTRODUCTION

The loss of forest cover in the Town of Petawawa has raised concerns both within the community and on Town Council regarding the need to preserve forest canopy cover. The number and size of recent clearings for school sites, commercial and residential developments reflect the tremendous growth of Petawawa over the last few years. However, with growth comes pressure to preserve the qualities which attracted people to the upper Ottawa Valley in the first place. In the case of Petawawa it is obvious the natural environment plays a major role in the quality of life the residents enjoy. The Town motto “Dynamic by Nature” clearly reflects this reality.

In particular several events in 2009 and 2010 caused the most concern: the loss of approximately 27 acres of forest beside the Civic Centre for a school site and clearing in anticipation of the Limestone Trail and Radke Estates housing subdivisions. The clearing in early 2011 for the Clouthier commercial development on Petawawa Boulevard is one recent example of the lost of forest cover on a commercial property. Together these events seem to have culminated in a collective ‘push back’ from the community in terms of their demands that Town Council be proactive in the retention of canopy cover. In response residents have formed the 96-member strong Citizens for Trees group with a mandate “to raise awareness of the importance of preserving and planning for tree cover in our town”. Aside from the general mandate to advocate for more tree cover this group feels the Council’s Forest Management Committee (currently comprised of one member) be broadened to include both professional and community members to better guide Council on their decisions in regards to trees. In response Council has sought to include Provisions for Tree Planting within all future Subdivision Agreements. Although still in its draft form Council has agreed to the inclusion of these provisions.

As part of the larger Parks and Recreation Master Plan this report provides a strategic direction for the preservation, protection and maintenance of forests within parks and commercial areas owned by the Town of Petawawa. Reference will be made to what other similar-sized municipalities in Eastern Ontario are doing in terms of tree preservation and protection. A short discussion of the economic importance of tree preservation is included and lastly recommendations in the form of guidelines for the

preservation and protection of existing forest canopy and the care and maintenance of individual mature and planted trees are provided. Ultimately, the direction which Council decides to pursue the cause of trees in the Town of Petawawa will be addressed through the review of its Official Plan.

MUNICIPAL TREE PRESERVATION IN EASTERN ONTARIO

In the Province of Ontario policies regarding the preservation of municipally-owned trees and forests are normally incorporated into the Official Plan for each jurisdiction. Typically the particular directives the municipality has chosen to follow with regards to preservation are included in the Natural Environment section of each Plan. Most upper- and lower-tier municipalities in eastern Ontario have an official plan that has been approved by the Ministry of Municipal Affairs and Housing. In each case these plans contain goals and objectives for the preservation of trees and forests, although to varying degrees. Like all official plans in Ontario the Town of Petawawa's will have to reflect the 1997 Provincial Policy Statement. As well, being a lower-tier municipality, its Official Plan will have to conform to that of the upper-tier municipality within which it is located, in this case the County of Renfrew.

In the Town of Petawawa's Official Plan the policies under the Environmental Protection section "are intended to protect the natural water systems natural heritage features and hazard lands in the Municipality and to control development in locations where there is a potential threat to life, property damage or damage to the natural environment if developed upon." Protection of forests, or "woodlands", is limited and only mentioned relative to natural heritage features within which threatened and endangered species habitat exists or within Areas of Natural and Scientific Interests (ANSI). The lack of recognition of the importance of trees and forests on less sensitive sites within the Township is likely the root cause of the recent loss of forest cover.

A review of Official Plans of lower-tier municipalities throughout eastern Ontario was undertaken to learn 'best-practices' in terms of tree and forest preservation. The objective of this review was to provide recommendations and to help inform future policy directions for the Town of Petawawa and, by extension, possibly also the County of Renfrew.

Not surprisingly the emphasis on tree preservation in most Plans was found to be wide ranging but a consistent theme was trees taking a secondary, if not tertiary, role to development. However, a stark example of a municipality with a very proactive and forward-thinking policy with regards to trees and forests was found with the Town of Carleton Place.

The Town of Carleton Place has a population roughly equal to that of Petawawa's but its land base is much smaller, approximately 1/20th in size. It is perhaps because of this reason the Official Plan of Carleton Place dedicates an entire section (3.19) to the protection of trees and emphasizes that "...vegetative cover is a vital component of the natural environment of the Town and that is (sic) must be protected, maintained and enhanced". To achieve this end section 3.19.1 includes the requirement of a tree planting and conservation plan: "...for all development which requires a site plan application, including residential, commercial and industrial uses". The specifications of the Plan are to "...define which stands of trees or individual trees warrant retention, outline the protection plan for those trees

during construction and over the long term, and identify additional tree planting measures.” Section 3.19.1 goes on to state the further goal of the development of “...a policy statement with regard to tree conservation and maintenance, in order to protect and maintain tree cover on public lands and encourage and educate residents with regard to tree cover and vegetation on private lands.”

The adoption of similar requirements will undoubtedly help alleviate some of the development pressures now being felt in Petawawa. Such pressures are obviously felt more acutely in Carleton Place where the relatively small geographic area makes trees and the benefits they provide that much more obvious.

ECONOMIC BENEFITS OF TREE PRESERVATION

For residents of both big and small communities the contribution of trees and forests to the quality of life is well recognized and appreciated. In the case of the Town of Carleton Place for instance, the fact that “vegetative cover aids in the overall health of residents ... and adds to the scenic quality of life” is stated in their Official Plan. However the economic benefits of trees to those same communities are much less appreciated. This is a critical issue as the decisions made to preserve trees are often made solely on the basis of short-term costs (*i.e.* taking the time and care to work around individual trees on construction sites) without factoring the long-term economic benefits they bring.

Trees and forests are a major economic asset to a community, building a positive community image which is a key factor in attracting residents, businesses, and visitors alike. The economic benefits of trees take form in three direct ways:

1) New Home Sales

It is well known that residential lots that are treed sell faster and for more money than treeless properties. Less well known is that the selling price difference can reach as much as 20 percent more for treed properties.

2) Higher Commercial Land Values and Occupancy Rates

Trees also have a positive impact on the value of commercial property. Surveys indicate that nine out of 10 commercial real estate appraisers believe that trees boost the sales appeal of commercial properties and add significantly to their value. In addition, commercial areas with trees enjoy higher occupancy and rental/lease rates than identical properties that lack landscaping. Some studies suggest attractive tree-lined commercial centers are more desirable than those areas without trees.

3) Increased Consumer Patronage and Spending

The appearance of a business can attract or repel customers. Well-landscaped businesses project an image of quality and service that entices customers. Surveys show that three out of four consumers prefer to shop in places that are graced by trees and other forms of landscaping. One study showed that patrons to shops with extensive landscaping and tree cover spent 11 percent more than they would in an identical shop without attractive landscaping and trees.

RECOMMENDATIONS

The following recommendations reflect the findings of two investigations: 1) the questionnaires sent to residents and stakeholder groups as part of the Phase 2 report and 2) the review of official plan provisions in terms of tree preservation, protection and maintenance policies. From these findings two main recommendations are made: 1) the adoption of a provision with subdivision agreements or site plan applications for Tree Preservation and Protection Plans and 2) additions to the current draft Provisions for Tree Planting within New Subdivisions to include maintenance of mature trees. Also, although the current draft Provisions for Tree Planting are comprehensive in terms of the location and installation of new trees it is felt the maintenance for these trees and preserved mature trees could be enhanced.

Both recommendations are addressed below in the form of guidelines only as they will undoubtedly be heavily modified by staff, community and Council's Forest Management Committee input. In effect these guidelines can be considered blueprints which can be altered to best suit the specific needs of Petawawa and its residents.

1) Guidelines For Tree Preservation And Protection Plans

Where trees are to be retained and protected, **a Tree Preservation and Protection Plan must be provided** that clearly identifies and details the tree protection methodology to be implemented prior to construction and maintained until such time that construction (including landscaping) is completed.

Tree Preservation and Protection Plans shall be prepared in accordance with these guidelines. The final plan shall be signed by a Certified Arborist, and all tree work shall be done under the supervision of a Certified Arborist.

The Tree Preservation and Protection Plan should identify all applicable trees on the subject property on a map or site plan. The plan shall identify each tree by number, and in table format shall indicate the identification number, species, caliper size of the tree, the condition of the tree, and whether the tree is to be preserved or removed and the rationale for the action. The plan shall also include details and written specifications for tree protection and preservation.

TREE PRESERVATION AND PROTECTION MEASURES

The following is a sample of methods that can be used to protect and preserve trees during construction projects:

- Trimming and pruning of branches;
- Aeration of the soil around the trees;
- Wrapping the trunks in wooden slats;
- Root pruning and trimming;

- Root feeding;
- Watering;
- Dry wells;
- Retaining walls;
- Tree Protection Barriers; and,
- Tree Protection Zones.

TREE PROTECTION ZONE

The Tree Protection Zone (TPZ) is defined as an area surrounding a tree that is marked and fenced off and where there is no storage of materials of any kind, no parking or moving of vehicles, and no disturbance of the soil or grade. The TPZ shall be a minimum distance of 1.5 metres beyond the Drip Line (or furthest extent of living branches) of the tree or group of trees, and some trees and some site conditions may require a larger TPZ.

Within the TPZ there must be:

- No disturbance or alteration of the existing grade of any kind;
- No addition of fill, excavating, or scraping to change the grade;
- No storage of building materials or equipment;
- No storage of surplus soil, construction waste, or debris over the root systems of the protected trees;
- No disposal (dumping or flushing) of contaminants or liquids; and,
- No movement of vehicles (personal or business), equipment or pedestrians.
- No grade change, storage of materials, vehicles or equipment is permitted within this TPZ. This tree protection barrier must not be removed without the written authorization.

The above requirements are for areas designated as a TPZ, and should also be used as guidelines for other areas where tree roots are impacted.

TREE PROTECTION BARRIERS

Tree protection barriers shall be installed according to the following guidelines:

- A 2.4 metre (8 ft.) high plywood clad hoarding is the most preferred barrier. Other cladding can be considered, subject to approval by the supervising arborist. The barrier can be lowered around branches lower than 2.4 metres (8 ft.). Within a road allowance, where visibility is a consideration, 1.2 metre (4 ft.) high orange plastic web snow fencing on a 2" x 4" frame (i.e. not just stakes) should be used.
- All supports and bracing used to safely secure the barrier should be located outside the TPZ. All supports and bracing should minimize damage to roots.

- Where some fill must be temporarily located near the TPZ, a plywood barrier must be used to ensure no material enters the TPZ.

SITE AND LANDSCAPE PLAN

An applicant for a construction project must provide a site plan and/or landscape plan indicating the Tree Preservation and Protection Plan prepared by a Certified Arborist.

EXCAVATION, TRENCHING OR TUNNELING

- No excavation or trenching is permitted within a TPZ.
- Directional micro tunneling and boring is permitted within a TPZ.
- Any open face cuts outside of a TPZ that are consistent with an approved plan that require root pruning, require the services of a Certified Arborist or qualified tree worker under the supervision of a Certified Arborist.

MAINTENANCE OF RETAINED TREES

All Tree Preservation and Protection Plans shall include both a watering schedule and pruning specifications and schedule for all trees to be retained and protected.

STANDARD NOTES TO BE INCLUDED ON ALL TREE PRESERVATION AND PROTECTION PLANS

1. This Tree Preservation and Protection Plan is consistent with proposed grading and infrastructure works as submitted by the consulting engineer.
2. All existing trees, which are to remain, shall be fully protected with staked/anchored fencing, erected a minimum of 1.5 metres beyond the drip line at the discretion of the supervising arborist.
3. Groups of trees and other existing plantings to be protected shall be treated in a like manner with fencing around the entire clump(s). Areas within the protective fencing shall remain undisturbed and shall not be used for the storage of building materials or equipment, or parking of vehicles.
4. No rigging cables shall be wrapped around or installed in trees. Surplus soil, equipment, debris or materials shall not be placed over root systems of the tree(s) within the protective fencing.
5. No contaminants will be dumped or flushed where feeder roots of trees exist.
6. The developer or his/her agent(s) shall take every precaution necessary to prevent damage to the trees to be retained.
7. Where limbs or portions of trees are removed to accommodate construction work, they will be removed carefully in accordance with accepted arboricultural practices.
8. Where root systems of trees are exposed directly adjacent to or are damaged by construction work, they shall be trimmed neatly and the area backfilled with appropriate material to prevent desiccation.
9. Where necessary, the trees will be given an overall pruning to restore the balance between roots and top growth or to restore the appearance of the trees.
10. Trees that have died or have been damaged beyond repair, shall be removed and replaced by the owner at their own expense, with trees of equal size and species.

11. If grades around trees to be protected are likely to change, the owner shall be required to take such precautions as dry welling, retaining walls and root feeding, to the satisfaction of the supervising arborist.

2) ENHANCED TREE MAINTENANCE GUIDELINES

Tree maintenance activities are applicable to all trees regardless of their location or age. The objective of maintenance activities is to maintain trees to an appropriate standard of care thereby ensuring they remain in good health, achieve their expected longevity and do not pose a threat to surrounding infrastructure, residents or the general public using roads, sidewalks, etc. within the community.

MATURE TREE MAINTENANCE

Maintenance Pruning

Maintenance pruning consists of the removal of dead, dying, diseased, interfering and weak branches as well as selective pruning to lighten branches and reduce wind resistance. When proper arboricultural practices are used this method of pruning promotes healthy and structurally sound growth. In most cases mature trees are pruned on a 4 to 5 years cycle, the exception being storm-damaged or broken branches which need immediate attention. The best time to prune trees is when they are not under stress. This is usually when they are dormant, in the period from early January to late March. The exception to this are species which „bleed“ when cut, birches and maples are two such species. These species should be pruned late fall to mid-winter to give the pruning cuts a chance to dry before the spring sap flows.

Pruning is best accomplished by arborists who free climb into a tree (*i.e.* with the use of ropes and saddles) instead of using aerial bucket trucks since arborists can access the interior portions of the tree's crown while aerial equipment is limited to the outside only. The use of spurs (spikes) on boots should be strictly prohibited when pruning.

Trimming for Clearance and Sight Lines

Branches which have grown too close to buildings, over roadways or sidewalks or are obstructing sight lines need to be pruned back. This is accomplished one of two ways: clearance pruning usually reduces the spread of a tree's crown to at least 120cm away from a fixed object (road sign, street light, roof, etc.) or crown raising which increases the height of a tree's lower crown by the same distance away from a fixed object or area of pedestrian or vehicular traffic. Bucket trucks can often be successfully employed for this type of pruning.

Pruning

While it may seem counter-intuitive, young trees, especially deciduous species, need frequent pruning. This is because their basic growth form is set at this stage of development. Pruning for structure should achieve a single dominant, upright leader at the top of the tree. Often with open grown trees lateral branches will grow to compete with such leaders. These branches should be reduced so that a single, central stem always remains dominant. The same is true for coniferous pines and spruces, a single leader should always be present at the top of the tree.

Mulching

Mulching typically involves installing a bed of bark or woodchips at the base of a tree to a depth of 10 cm and to a distance from the tree's trunk equal to the dripline, or extent of living branches. A mulch-free area, 5cm wide at the base of the tree, is necessary to prevent decay and reduce rodent damage.

Mulch may take several different forms however shredded wood or bark is most often used around trees. Chipped debris from tree pruning and removal activities makes for a good source of mulch, especially once composted. Where space permits this should be kept on site for future use.

The application of mulch helps regulate soil temperature, reduces moisture loss, aids with weed control and is aesthetically pleasing when applied to soil around a young tree. A mulch layer will also create soil conditions favourable for rooting. Such soil conditions improve tree health and by so doing increase disease and insect resistance and tree longevity.

Rodent Protection

It is common for rodents to chew on the bark of young trees. This girdling of the tree restricts water movement in the plant and may contribute to the decline or death of the tree. Plastic tree wraps protect the tree trunks of young trees from rodent damage and are installed at the time of planting.

Screening of Conifers

Conifer trees are susceptible to desiccation in the winter from wind or salt spray. Where conditions are appropriate, protecting young conifer trees with a screen of snow fence/burlap combination is very effective in protecting the trees during the winter months. These screens are attached to metal posts in late fall and are removed in early spring.

Supports

A newly planted tree will often establish more quickly and develop a stronger trunk and root system if it is not supported. Such supports and the associated guy wires are also a liability on public properties which have high pedestrian traffic. As such they are not recommended for use except in rare circumstances where new trees are installed in windy locations, on hillsides or in situations where added stability due to root loss at the time of planting is required. When used these supports should be removed after the trees have become established (usually after 3 growing seasons).

TREE PESTS AND DISEASES

As of April 2009 the Province of Ontario instituted a pesticide ban which prevents the cosmetic use of pesticides on both public and private property. As such the use of chemicals to prevent or eliminate most pests in urban trees is often not an option. The only exception under the ban is when the health of a particular tree is in jeopardy. In such instances a written opinion from a tree care specialist is required detailing the need for the use of chemicals. The most common instances of chemicals now being used are with elm trees to prevent Dutch elm disease and ash trees to prevent attack by Emerald ash borer. These and other common insects and diseases of trees found in the Ottawa Valley are detailed below:

- **Cytospora canker** is a fungal disease which infects spruce trees. Symptoms include discolouration of needles and eventual death of individual branches. The most obvious sign of infection is large amounts of resin exuding from along branches. Management consists of removal of infected branches.
- **Tar spot** is a disease of maple species. In particular infections are most noticeable on Norway and silver maples. The fungus causes blotches on the leaf surface, reducing the tree's photosynthetic capacity. As the infection points coalesce and turn a dark colour in late summer the aesthetic value of host trees is diminished. Raking and disposal of fallen leaves in the fall is recommended when the infection rate is high. Importantly, Norway maple (*Acer platanoides*) is a highly-invasive species and should be removed from all planting lists. Further, local nurseries should be convinced to stop the sale of this tree and all its many varieties.
- **Needle cast** is a fungus which causes premature death and casting of needles of conifers, especially spruces. Landscape trees outside of their natural range are particularly susceptible. As such, Colorado blue spruce sustains the greatest damage in eastern North America. Infection spreads from the bottom of the tree upward and from the base of the branches outward. Planting appropriate species with proven provenances and keeping trees as healthy as possible will help avoid infections.
- **Anthracnose** is a disease of mainly maples, ashes and oaks. Damage is characterized by the development of irregular areas of dead tissue on the leaves of the host. Raking and destroying fallen leaves is the only practical method of controlling this fungus.
- **Diplodia tip blight** is caused by a fungus and mainly infects Austrian pine. New shoots and needles are killed following infection and, although host trees are rarely killed, they are left disfigured and weakened.

- **Dutch elm disease** is a fungal disease which causes a vascular wilt and results in the death of host trees. Although injections of systemic fungicides are possible to protect infected trees the required annual applications become expensive over time. Tree removal and replacement with other species may be the best long-term solution.
- **Pitch mass borer** is an insect that attacks spruce and pine trees causing a mass of resin to accumulate at points of larval feeding. Heavy infestations should be removed as they can stress trees, especially those experiencing other stresses.
- **Emerald ash borer**, an introduced and highly destructive insect, attacks all species of ash trees. Attack can occur on the main stem and branches of at least 2.5cm in diameter. Crown dieback, heavy sprouting along the lower portions of host trees and increased woodpecker activity are all reliable signs of attack. Injections of systemic pesticides have been shown to be effective in the control of this pest but annual applications are required and so will become expensive over time. Tree removal and replacement with non-susceptible species may be the best long-term solution to this very serious problem.
- **Ash flower gall mite** is a mite which infects ash tree flowers and creates deformed, irregularly-branched flower clusters. Deformed flowers remain on trees over winter and appear unsightly but do not harm the tree.
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I trust that the above satisfies your requirements. Please do not hesitate to contact me if you have any questions concerning this report.

Sincerely,

Andrew Boyd

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Consulting Urban Forester