

# Sports Facility Needs Assessment

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UPPER HUTT CITY COUNCIL

April 2008

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# 1 Introduction

In 2005 an Active Recreation Strategy for Upper Hutt City Council was completed providing an overview of the current situation in Upper Hutt including trends and issues facing the area and the current provision of active recreation and sport in Upper Hutt. The report identified a large range of sport and recreation facilities currently available in Upper Hutt and no immediate need to invest in new large facilities due to the capacity in existing facilities and clubs. The recommended initial focus was on increasing community participation in physical activity and developing the performance of clubs and groups and their members. The potential for considerable increase in demand for new facilities as a result of implementation of the Active Recreation Strategy was also noted. A review of the use of Maidstone Park was also recommended.

The outcome of the Schools' Network Review is now known and the government has made a commitment to address long-term deferred maintenance and development, and provide some additional funding. These funds could be available for investment in physical education and sports facilities based on the schools' campus.

In 2007 a Development Plan Report on Maidstone Park was undertaken to gain the best possible fit between the physical infrastructure needs of recreation and sport in the city and sustainable use of land and facilities at Maidstone Park.

The key principles of the report were to promote:

- Sustainable development of the park;
- Allowance for development of both formal and informal activities;
- Protection and enhancement of areas for passive recreation through consolidation and clustering of buildings along the Railway Avenue and Maidstone Terrace frontage; and
- The avoidance of duplication of sports facilities within Upper Hutt.

The report identified several new facility options that sports groups, schools and community groups were keen to see developed. These facilities included field developments for rugby, hockey, athletics, softball, petanque, bowls and indoor facilities for netball, roller sports, martial arts, cycling, aquatic sports and bowls.

The sport and recreation stakeholders of Maidstone Park supported a multi-code sports complex adjoining the existing Upper Hutt Rugby Club at Maidstone Park including ancillary facilities.

From the Maidstone Development Plan Report, sports facilities requiring a feasibility assessment have been identified as:

- An indoor multi-sport hub;
- A combined outdoor netball and tennis facility development;
- An athletics track and associated facilities;
- An artificial hockey turf;
- Inline hockey and roller sports facilities; and
- A new bowls facility.

## 2 Purpose

Previous work carried out on sport and recreation facilities in Upper Hutt shows there is a considerable range of opportunities available for people in the Upper Hutt area. Many sports, however, are keen to have further facility developments and demand for recreational and sporting facilities is likely to continue to increase due to the Activation work with clubs and groups that is facilitating engagement in sport and recreation.

At present there is no concrete evidence of demand and the council requires additional advice regarding the feasibility of new developments for the six priority facilities listed above. The purpose of this Sports Facilities Needs Assessment is to provide advice regarding the current supply, demand, forecast changes in demand, options for facility development and development issues surrounding these six potential facility developments.

The Sports Facilities Needs Assessment provides:

- Current demand based on national, regional and local participation numbers and trends over time;
- Forecast changes in demand given increasing competition for leisure time and the likely latent demand that is unlocked when facilities are developed;
- Current supply of facilities in Upper Hutt and the wider Hutt Valley including any potential developments;
- Assessment of gaps between supply and demand;
- Potential solutions to any gaps;
- Options for facility development, including location and logical partners;
- Development issues including likely capital and operational expenditure; and
- Recommendations for action.

This report is intended to enable Upper Hutt City Council to consider its long term community asset development priorities and to work with stakeholders such as sports clubs, schools, and community and private funders in finding workable solutions.

The report provides a baseline of evidence to inform this process. Any one facility would need more detailed research and planning to be undertaken as part of any concept planning.

# Multi-Sport Indoor Centre

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### 3 Multi-sport hub

A multi-sports hub consists of a cluster of facilities based on a single large land area providing a focal point for sports and recreational activities in one place. It provides the opportunity for residents and families to participate in or watch a number of different sports in one location and maximises the potential for high occupancy rates and for large groups of people to use the facility at one time.

The other advantage of a multi-sport hub is the reduction or removal of facility duplication. For example, it is possible to design facilities so that changing areas, meetings rooms and social venues are shared.

There is a continuing emphasis on entertainment in sport and sport is changing to suit the needs of the media and spectators. Spectators are also demanding more comfort, sophistication and ease of access.

An indoor multi-sport hub is typically built to include several high quality sprung wooden courts for use by netball, basketball, volleyball and badminton with ancillary areas such as a reception area and change facilities. Provision can also be made for other sports and activities requiring or preferring indoor areas such as gymnastics, bowls, roller sports, table tennis, cycling, squash and tennis.

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#### **DEMAND**

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##### **Current demand**

The clustering of clubs and groups and the building of multi use facilities to maximise their potential is a growing trend in New Zealand. National trends show an increase in demand for multi-use recreation centres. Driving this demand are users and spectators of indoor court sports, which increasingly include netball. The desire for guaranteed play time unaffected by the weather, improved player experience and surfaces that present less chance for injury are the main reasons for the rising demand in indoor facilities.

Main users of indoor multi-use facilities in other New Zealand areas are netball, basketball, badminton, gymnastics, volleyball, bowls, squash, table tennis, indoor soccer and climbing walls. Other possible users of indoor court space are inline hockey and roller skate clubs, which are well represented in the Hutt Valley and require further space for club events (see roller sports). After netball, basketball, and volleyball, gymnastics may be the next most common user of indoor facilities based on participation figures.

The increasing demand for netball to be played indoors is evidenced in the Wellington region with several developments of multi-use indoor facilities in Hutt City, Wellington City and Porirua City. In all cases, netball is one of the anchor tenants. The desire for guaranteed play and higher comfort levels for players and spectators are driving this.

The Hillary Commission (1998) in the National Strategy for the Development of Outdoor Stadia and Major Indoor Facilities notes the need to develop locally based 2 or 3 court facilities:

*“Netball is conscious of the need to maintain the presence of the sport in local communities and a network of 2/3 court facilities needs to be addressed in the National Facility Strategy”.*

There are also several clubs in Upper Hutt, particularly the Upper Hutt Brass Band who currently have no fixed meeting place or storage space. A large indoor venue is able to accommodate smaller clubs and groups.

A feasibility study carried out on Walter Nash Stadium identified a need in Hutt City for more indoor court space to meet local community demand from basketball and netball players. The demand from other communities in the Wellington region has initiated the planning of further multi-sport indoor development in Wellington City and in Porirua City.

The specific demand from individual sports in Upper Hutt for indoor space can be estimated by looking at national, regional and local participation figures for the main anchor sports. Table 1 includes estimates of participation numbers for the sports most likely to occupy an indoor sports hub the greatest amount of time. Upper Hutt participation numbers are sourced from the respective clubs apart from basketball that has been estimated from the national participation figure. The national figures (apart from Netball) are estimates only, accessed from SPARC for the year 2006. The strength of Upper Hutt representation has been summarised based on its population with respect to New Zealand’s total population.

**Table 1 National, Wellington Region and Upper Hutt Participation Numbers (2006) for Indoor Sport Anchor Groups**

	National	Wellington Region	Upper Hutt	Strength of Upper Hutt Representation
<b>Netball<sup>1</sup></b>	120,000	14,800	1,470 <sup>2</sup>	Similar to national average
<b>Gymnastics</b>	17,000	unknown	440	Well above national average
<b>Basketball</b>	29,000	3200	290	Similar to national average
<b>Volleyball</b>	13,000	1800	150	Above national average
<b>Inline Hockey</b>	2000	unknown	150	Well above national average
<b>Roller Sports</b>	2000	unknown	117	Well above national average

<sup>1</sup> www.netballnz.co.nz. Accessed 23/11/2007. Includes all junior, senior and summer league teams.

<sup>2</sup> Locally sourced data

## Forecast changes in demand

In recent years several multi-sport centres have been developed around the country to meet the increasing demand people are putting on their communities for increased efficiency and effectiveness in provision of services, particularly sports and entertainment facilities. The design of sports centres has been dominated by the popularity of netball, basketball and volleyball.

Trends in participation and demand for a multi-sport facility are difficult to gauge at a local level for the indoor sport anchor groups due to the local data available.

However, netball, which is the highest participation team sport and is likely to be a large contributor towards occupancy rates of a new indoor facility, has displayed a relatively high growth rate in the number of teams in the Wellington region. The number of netball teams in the Wellington area has been growing quickly at an annual rate of 4.5 percent. This is higher than the national growth rate of 0.7 percent.

The number of netball teams for the nation has remained relatively static since 2002, with some growth in the Wellington region.

**Table 2 Number of Netball Teams**

Date	National	Regional	Upper Hutt
2002	12259		
2005	11794		
2006	12580	1480	
2007		1630	147
2020			242
Annual Sport Growth	0.7%	4.5%	4.3%

There are currently approximately 147 netball teams (1,470 players) in the Upper Hutt area. Assuming a continuing growth rate of 4.3 percent per year there will be about 242 teams (2420 players) by 2020.

Local participation trends in the other anchor sports are not available, although it is unlikely any of the anchor sports are experiencing a decline in participation numbers given the population increase of 5.6 percent in Upper Hutt between the 2001 and 2006 census.

Experience elsewhere shows that, with basketball participation in particular, the number of teams in competition increases with increased space availability.

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## **SUPPLY**

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### **Current supply**

In general in the Wellington region indoor sports are not well catered for and the growth of indoor sports in the Wellington region is limited compared to most other New Zealand regions. Currently there is no indoor multi-sport hub in Upper Hutt centralising sports requiring indoor courts and facilities.

There are several indoor courts in Upper Hutt:

- Riverstone Recreation has a general sport and recreation hall with a wooden sprung floor and seating for 800 people.
- The Plaza Pavilion at Trentham Memorial Park currently only provides for indoor cricket.
- Heretaunga College has one basketball/netball/volleyball court.
- Hutt International Boys has a school gymnasium that is also used as the school hall.
- Upper Hutt College has one full size basketball court and one ¾ size basketball court.
- The YMCA at Trentham has one basketball court.

In nearby Taita, Walter Nash Stadium has a two-court facility with plans to extend this facility to include five indoor courts once it is completed (possibly by 2010).

### **Regional supply**

Outside of the Hutt Valley there is the TSB Arena in Wellington City and the Porirua Recreation Centre. The TSB Arena provides a three-court area with seating for up to 5050 people, which is typically used for national competitions only.

The Porirua Recreation Centre that previously accommodated three under size basketball/netball courts or three volleyball courts is currently being extended to a three plus one court configuration and is due to re-open at the end of 2008. The centre primarily caters for demand from the local Porirua area.

The Chinese Sports and Cultural Centre primarily serves the sports and cultural needs of the Chinese Community. It is located next to the hockey turfs at Mount Albert Park in Berhampore and has one full sized basketball court or three volleyball or four badminton courts. The centre is used by volleyball and basketball competitions and for soccer training.

### **Potential developments**

The major new 12 court multi-sport development planned for Kilbirnie, Wellington City and the upgraded multi-use facility in Porirua City are too far from Upper Hutt to have a significant impact on local demand.

Any changes to Walter Nash Stadium may have some impact on Upper Hutt demand for local facilities but is not confirmed so is difficult to consider as part of any assessment at present.

## NEED ASSESSMENT

### Facility development requirements

In order for a new indoor sports centre to provide for multiple sports including roller sports, a main court space large enough for two or more netball courts is required. Netball requires the largest amount of court space of the anchor indoor ball sports and inline hockey requires the largest space of the indoor sports considered in this needs assessment.

Table 3 below summarizes the dimension and space requirements of the potential court users of an indoor sports centre in Upper Hutt.

**Table 3 Floor space required of potential indoor court users**

	Min dimensions required (m)	One court area (m <sup>2</sup> )
Roller sports	50m x 30m	1500m <sup>2</sup>
Speed skating	100 oval + 6 track width	1200m <sup>2</sup> (approx)
Inline hockey	40m x 20-30m	800-1200m <sup>2</sup>
Netball	15.2m x 30.5m	464m <sup>2</sup>
Basketball	13.1m x 24-28m	316-368m <sup>2</sup>
Volleyball	9m x 18m	162 m <sup>2</sup>
Badminton	6.1m x 13.4m	82 m <sup>2</sup>

It is possible to fit an inline hockey rink within a two-court netball configuration, assuming additional space was allowed for netball spectator seating, and the rink was able to use this. However a three-court configuration would more comfortably allow for an inline rink (which requires a 40 by 20-30 metre rink dimension). This configuration would also more easily allow for a 100 metre oval inline speed skating track should one be wanted. Basketball and volleyball courts will fit within one netball court and three badminton courts can fit within the space of a netball court.

Volleyball requires the greatest ceiling height at 10 metres and badminton prefers nine metres, so any building requires minimum indoor ceiling heights of around 9 to 10 metres.

In addition to the minimum interior floor spaces required for the court space, areas around the outside of each court as well as additional space for warm ups (if desired) and spectators need to be considered.

Suitable additional dimensions to be considered for a three court configuration are three metres between courts, and two metres between the courts and the walls. Any space needed for spectators and warm up area is additional to this.

There is little evidence of current demand that allows for a configuration of more than three courts.

**Community benefit**

The Wellington region as a whole does not have the same number of indoor courts for netball and basketball and other indoor sports as many other New Zealand cities and towns, and Upper Hutt is no exception.

Having a central hub where many different sports and groups come together to participate and compete would contribute to a sense of community and social wellbeing in Upper Hutt. Multi-sport hubs also have the potential to improve the sustainability of sports clubs and facilities.

Indoor facilities provide the advantage of weather protection, better floor surfaces to help prevent injury and there is more comfort for players and spectators.

Cooperation across different sports and clubs through sharing of facilities and resources helps to minimise costs involved with development and use. A multi-code sports hub creates the capability for cooperation and reduces the financial and volunteer demands on clubs.

Additional indoor court space may encourage growth in indoor sports by providing an attractive high quality facility that can be used all year round and promote opportunities that increase the likelihood of people participating.

Development of an indoor multi-sport hub would contribute towards achieving the aims of the Upper Hutt Active Recreation Plan and is in line with the community outcomes stated in the Long Term Council Community Plan. Stated amongst the community outcomes are that leisure opportunities are outstanding and that:

- People of all ages, cultures and abilities enjoy recreation, culture and leisure activities.
- Upper Hutt offers a range of 'leading edge' regional recreational, cultural and leisure facilities, complimented by good quality local facilities.

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## **SOLUTIONS**

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### **Development costs**

Based on previous developments of indoor sports facilities and current estimates for other venues, the development of an indoor multi-sport hub including amenities and some allowance for spectators is around \$4.5-5 million per indoor court.

Estimates from the Wellington study for a large 12 court multi-use facility for all sporting levels and seating for 1000 plus retractable seating that enables a show court of 2,300 are approximately \$60 million. This is around \$5 million per court.

Porirua Recreation Centre, which is a three plus one court configuration, is estimated to cost \$17.5 million. This is around \$4.5 million per court.

Estimates for the cost of the three-court extension for Walter Nash Stadium are in the order of \$4.8 million. This is around \$1.6 million per court and is based on the cost of an extension to an existing facility rather than a new facility.

Stadium Southland, which opened in 2000, is an 8000m<sup>2</sup> multi-functional venue with two high-quality courts and five lower-quality courts. It cost a total of \$11.5 million<sup>3</sup>. This is around \$1.7 million per court. This facility was built over eight years ago and building costs may have increased significantly since then. Five of the seven courts are also of a lower standard than what has been planned for the other more recent examples given.

Based on the more recent examples above, the cost for a new three court multi-sport facility for Upper Hutt including support facilities could be in the order of \$13.5-15 million.

### **Potential location**

Maidstone Park is an iconic park close to the Upper Hutt CBD and therefore could be an ideal location for a facility designed to act as a community sport hub. The railway and bus hubs are conveniently located to the park and its location makes it easy to access for Upper Hutt people coming from the south or north of the area. There is also present infrastructure in the park that could be used to add value to a new development.

One disadvantage of the Maidstone Park site is the relative absence of any schools in the area. Because schools are a high user of sports facilities, and because they require facilities to be very close, locating new facilities away from them reduces the potential daytime visitor numbers.

A second option is to develop this facility in conjunction with one of the existing secondary schools. Heretaunga College, Hutt International Boys and Upper Hutt College all have existing sports facilities for their students and the current demand within these schools for indoor court space needs to be assessed, along with any potential extensions or new building sites on school property.

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<sup>3</sup> Global Leisure Group, (2002). Multi-sport/Indoor Facility Feasibility Study Report (Stage 2).

**Operational costs**

Stadium Southland, which receives 6000-10,000 visitors per week, spends approximately \$0.5 million on maintenance and running (staffing, maintenance, cleaning etc) per year and collected about the same in user charges in its second year.<sup>4</sup>

Assuming a three-court facility was built, maintenance costs and user revenue could be in the order of \$300,000 each year for a three court multi-sport facility.

Pricing has been estimated for the Wellington multi-sport indoor facility at \$20-30 plus GST per hour per court. Stadium Southland charge \$20-25 per court per hour. Other indoor court facilities charge higher than this. For example the YMCA basketball court in Upper Hutt charge \$45 per hour and \$40 per hour has been included as part of the Walter Nash Stadium feasibility study. Hire charges are therefore typically in the \$25-\$40 per hour/per court range.

**Management options**

Management options include:

- Community driven multi-sport trust
- Community-school partnership requiring the location to be on school property.

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<sup>4</sup> ibid

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## RECOMMENDATIONS FOR ACTION

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Multi-use indoor sports centres are experiencing a demand from participants in netball, basketball, gymnastics, volleyball and other users around New Zealand due to their ability to provide guaranteed high-quality court time that is comfortable for players and spectators.

Increasing demand for indoor court space has also been acknowledged in Wellington City, Porirua City and Hutt City, with projects being planned or built in all three.

The current indoor courts provision in Upper Hutt focuses on single code usage. A multi-use sports centre that's easily accessible to the community contributes towards the desired outcomes of the Upper Hutt LTCCP more effectively than several facilities spread out over a wide area.

### RECOMMENDATION

1. Consult with schools, local clubs, valley associations and where relevant regional sports organisations to validate the results of this study and garner support for the project.
2. Undertake more detailed concept planning exploring the possibility of a two or three court facility with the capability to provide for the players and spectators of netball, basketball, volleyball, gymnastics and roller sports, as well as meeting spaces for clubs and societies.
3. This study should focus on the Maidstone Park site as the most likely site for development due to its central location and iconic status.

In order to comfortably accommodate the needs of all the potential users of an indoor sports-hub, the feasibility of a three court/one rink venue needs to be considered above a two court venue, with the following minimum internal dimensions:

- 56 by 35 metres (1920 metres<sup>2</sup>)
- 10 metre floor to ceiling height.

Total internal area excludes any additional support buildings such as changing facilities and reception and excludes optional space for warm ups etc.

# Roller Sports

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## 4 Roller Sports

Roller sports have a relatively low number of participants in New Zealand compared to the other sports assessed in this report.

There is an active community of roller sport and inline hockey participants in the Hutt Valley area. Compared to other New Zealand locations roller sports are very well represented in Upper Hutt. There are around 25 other roller sport clubs around the country offering various activities and facilities to its members and the public, including both indoor and outdoor events.

The local Upper Hutt facilities are currently experiencing high demand and a need for more space has been expressed from club members.

### DEMAND

#### Current demand

There is currently a demand from both the roller skating and inline hockey clubs for another facility. Roller skating and inline hockey have a desire to develop an indoor facility with a competition arena that complies with international standards. A desire for a new speed skating facility has also been expressed. There are currently around 150 inline hockey players and 117 roller sport participants in the Hutt Valley.

**Table 4 Local roller sport participants**

	Hutt Valley		
	Under 18	Adult	Total
Inline hockey	75	75	150
Roller sports	62	55	117

#### Forecast changes in demand

Data highlighting trends in participation numbers for roller sports on a regional or national scale would be helpful as it is currently unknown whether demand for facilities is increasing or decreasing.

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**SUPPLY**

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**Current supply**

The Upper Hutt Roller Skating Club and the Valley In-line Hockey Club hire a small indoor facility for practice.

There is an existing in-line speed skating track at Avalon, but this no longer complies with international regulations so it cannot host Oceania or World championships. It's also worn out and needs replacement.

Shared usage of Riverstone Recreation is occasionally problematic because usage by other codes (for example Unihock) brings grit and stones into the facility that compromises the skating surface. Wet mopping is required prior to skaters using the floor.

**Regional supply**

While there are other spaces in Wellington that can be used for roller sports (e.g. Kilbirnie Recreation Centre), most activity is located in Upper Hutt so the need for facilities is concentrated in this area.

**Potential developments**

There are no planned developments for roller skating, inline hockey or speed skating in the Hutt Valley and therefore no changes in facility supply are expected.

## NEED ASSESSMENT

### Facility development requirements

In-line Hockey requires a 40 by 20-30 metre floor and roller skating needs 50 by 30 metre. Other indoor court users such as netball, basketball and volleyball could potentially use an indoor development for roller skating and in-line hockey. Table 9 below gives the minimum court dimensions and floor areas required of potential indoor court users including roller sports.

**Table 5 Minimum floor space required of potential indoor court users**

	Minimum dimensions required (m)	One court area
Roller skating	50m x 30m	1500 m <sup>2</sup>
Speed skating	100m oval + 6 track width	1200 m <sup>2</sup>
Inline hockey	40m x 20-30m	800-1200 m <sup>2</sup>
Netball	15.2m x 30.5m	464 m <sup>2</sup>
Basketball	13.15m x 24-28m	316-368 m <sup>2</sup>
Volleyball	9m x 18m	162 m <sup>2</sup>
Badminton	6.1m x 13.4m	82 m <sup>2</sup>

Valley In-line speed skating are keen to put down an outdoor 200 metre oval track (+ 6 m width) with floodlighting, changing rooms and spectator facilities. Speed skating require either a 100 m flat track which can be made of wood, or a 200 m track which is banked on the corners. Speed skating events are also held on roads with the course designed to suit the race.

Roller and inline skating sports require clean, dirt free surfaces.

### Community Benefit

Roller sports are very popular in Upper Hutt compared to other parts of the country with respect to the population size. Upper Hutt boasts several national representatives. However, overall participation and spectator numbers are comparatively low.

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## ***SOLUTIONS***

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### **Development costs**

Examples of purpose built developments for roller sports are rare and any development would likely be considered as part of a multi-sport hub. Development costs therefore need to consider accommodating the needs of several sports and managing the shared facility to meet diverse needs.

Whangarei have planned to spend around \$1.6 million on a development for a two court indoor facility to be shared with inline hockey. Other examples suggest the cost of a skating/multi-use facility would be in the order of \$3 million.

Speed skating tracks can be either outdoor or indoor and vary in length and material. As with roller skating and inline hockey, speed skating can potentially be shared with court users if a banked track is not required. The cost of developing a purpose built outdoor international standard, floodlit 200 metre speed skating track could be in the order of \$1.0 million.

### **Potential location**

A roller sports facility that is part of a multi-sport hub located in an Upper Hutt location such as Maidstone Park would keep roller sports centred in Upper Hutt as it is currently.

### **Operational costs**

Operational costs, if part of a multi-sport hub, would be based around the hire cost of the court facilities. It is possible there may be additional costs for roller sports if surface protection or additional surface cleaning is required to enable it to share with other court users.

### **Management options**

A roller sports track could integrate with other indoor facility users such as netball and basketball if there was at least a two or preferably a three court facility available.

Clean skate surfaces are crucial and often mitigate against shared use. This could be addressed through the scheduling and management of multi-code facilities shared with roller sports.

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## RECOMMENDATIONS FOR ACTION

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The Hutt Valley has an active community of inline and roller skate participants, although compared to other sports investigated total numbers are low. The time each week where purpose built facilities are required are low. While there is currently a high demand for access to appropriate facilities, any development should be considered as part of a multi-use indoor sports facility. Careful planning and consideration of the types of surfaces required for roller sports and the main court users should enable integration of roller sports requirements with netball and basketball.

In addition scheduling and cleaning are critical to enable roller sports to share the facility with other users.

It is recommended a facility for roller sports, including inline hockey, roller skating and possibly speed skating be considered as part of any further concept development of a multi-sport hub for Upper Hutt.

### RECOMMENDATION:

1. Include provision for a 50 by 30 metre roller skating rink with options for inline hockey and speed skating as part of a concept plan for a multi-sport indoor centre.
2. Consult with schools, local clubs, valley associations and where relevant regional sports organisations.

# Outdoor Hard Courts - Netball and Tennis

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## 5 Outdoor Hard Courts - Netball and Tennis

Preference has been expressed for an outdoor hard court development in Upper Hutt, which offers a facility able to be shared by netball and tennis. Although there is a nationwide trend for senior netball to move indoors so that they can experience guaranteed play and high quality facilities, there is still a demand for further outdoor netball courts in many places, including Upper Hutt.

Netball is New Zealand's second highest team participation sport just behind rugby and Upper Hutt City Council currently makes no public provision for the sport.

### DEMAND

#### Current demand

At present there are approximately 1470 netball players in the Upper Hutt area involved in competition. This is made up of 1290 junior players and 180 senior players. Table 4 below compares these numbers to the national and regional numbers and shows there are average numbers of netball players in Upper Hutt.

Demand for netball courts is not only experienced in winter months but summer competitions are also played in many areas.

Demand for tennis courts is mainly experienced through the summer months.

The Pinehaven and Upper Hutt Tennis clubs together have approximately 320 registered members. The number of tennis club players in the Wellington region is unknown but nationally there are approximately 42,000 club players. The number of club players in Upper Hutt is therefore below the national average for a population the size of Upper Hutt.

However, national participation numbers for tennis show it to be a relatively popular activity for casual and non-club members so there is likely to be demand exceeding that which can be supplied by the clubs alone. This may also mean that a latent demand for public tennis facilities will appear once new courts were freely available.

**Table 6 Upper Hutt, Wellington Regional and National participation numbers in netball and Tennis (2007)**

	National #	National trend	Wgtn. region #	Wgtn. trend	Upper Hutt #	Strength of UH representation <sup>5</sup>
Netball	120,000	0.7% annual increase	14,690	4.3% annual increase	1470	Similar to national average
Tennis	42,000	0.0% annual increase	unknown	unknown	320	Approx. 25% below national average

<sup>5</sup> Based on population

Forecast changes  
in demand**Table 7 Number of Netball New Zealand Affiliated Teams  
New Zealand, Wellington region and Upper Hutt 2002-2006**

	2002	2003	2004	2005	2006	Annual Trend
<b>Wellington Year 7-8</b>	353	381	-	323	354	No change
<b>Wellington Secondary</b>	304	457	472	439	460	10.9 % increase
<b>Wellington Senior</b>	353	244	235	214	317	2.6 % decrease
<b>Wellington total teams</b>	1251	1430	-	1365	1480	4.3 % increase
<b>Upper Hutt total teams</b>	108	123	-	117	127	8% increase
<b>National total teams</b>	12259	11963	-	11794	12580	0.7 % increase

Table 5 shows netball teams over the past five years have increased in number slightly for New Zealand but more quickly in Wellington, particular in the secondary school age group with an annual growth rate of 10.9 percent since 2002. The total number of teams shown for Wellington and New Zealand include all Netball New Zealand affiliated teams, not just school and adult teams. Figures for Upper Hutt in Table 5 have been estimated using the figures from the Wellington region based on Upper Hutt's population.

Netball participation numbers are still clearly the highest amongst all of the potential users of outdoor hard court surfaces.

National club participation numbers in tennis have remained steady at 42,000 for the past three years. Between 1992 and 2002 there was a significant decline in the number of registered tennis players as numbers fell from 54,000 to 42,000 (see Table A2 in appendix). Over the past three years there have been no further losses.

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**SUPPLY**

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**Current supply**

In Upper Hutt, netball training and competition is typically done outdoors. The junior competition is at Heretaunga College, and college and senior netball competition at Taita Courts in Hutt City. This goes against the increasing trend for netball to be played indoors. There are currently 15 outdoor courts at Taita which will shortly be reduced to 12 when building commences on the proposed extension to Walter Nash Stadium

The Upper Hutt Tennis Club currently has four plexipave courts and shares club facilities with the Upper Hutt Bowls Club. The Pinehaven Tennis Club also has four plexipave courts.

The half-sized hockey turf at Hutt International Boys School can be configured as four tennis courts during the summer.

**Regional supply**

Several tennis clubs supply courts in the Wider Hutt Valley area including the Hutt Valley Tennis Club, the Avalon Tennis Club and the Stokes Valley Tennis Club.

**Potential developments**

The outdoor court facility at Taita will be shortly reduced in capacity from 15 courts to 12 courts. This will leave a demand for further courts that could be filled with further court development in Upper Hutt.

There are no known plans for outdoor or indoor tennis court developments in the Upper Hutt or wider Hutt Valley areas.

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**NEED  
ASSESSMENT**


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**Facility  
development  
requirements**

Netball requires court dimensions of 15.2 by 30.5 metres with a minimum of three metres between courts.

Tennis courts require dimensions of 10.97 by 23.77 metres plus an extra 0.914 metres for the net posts beyond the side line on each side. Tennis requires side margins of three metres outside the sides of the court and end margins of at least five and a half metres. Tennis therefore requires the most land area, with one netball court comfortably sitting within one tennis court, allowing for all required margins.

Tennis also requires fencing between court ends, which must be a minimum height of 2.75 metres.

Allowing for the margins required by tennis, a ten netball court development with ten tennis courts (five by two configuration) requires minimum dimensions of 85 by 70 metres, or 5,950 square metres.

Removable tennis nets would be required for the facility to be shared. This requires careful planning and design considerations to allow for easy installation and storage of the tennis nets and to ensure the netball playing surfaces are not adversely affected.

Outdoor courts should be aligned as close as possible to a north/south axis.

**Community  
benefit**

Development of further hard court facilities may encourage the growth of both netball and tennis in the Upper Hutt area and would have the potential to contribute towards increasing physical activity levels in the community.

Locally based facilities are more likely to attract volunteers as travelling large distances to venues makes it more difficult for people to become involved in their spare time.

Having many netball courts in one area, rather than single or small clusters of courts spread over a large area, is preferred by most netball competitions and is more likely to benefit the development of netball in the community.

Club tennis courts are not always available to members of the public and so making tennis courts more freely available for casual play may increase their informal use. Tennis is a relatively high casual participation sport, therefore latent demand may be realised once courts are available to the public.

A multi-use outdoor court facility, if built as part of a wider multi-sport hub will benefit the community in a range of ways. Multi-sport hubs gain their advantage from having many codes operating from the same venue and the addition of outdoor courts will contribute to the overall effectiveness of a multi-sport hub.

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**SOLUTIONS**


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**Development costs**

Order of magnitude costs for an outdoor ten netball court/tennis court facility are:

Project management and design	\$50,000
Earthworks	\$200,000
Ground preparation	\$300,000
Asphalt surface	\$100,000
Synthetic surface overlay if desired	\$200,000
Line markings	\$8,000
Floodlighting if desired	\$100,000
Nets, net poles and their storage	\$10,000
Fencing and spectator provision	\$50,000
<hr/>	
TOTAL	\$1,018,000

**Potential location**

Potential locations include Maidstone Park or one of Upper Hutt's secondary schools.

If an indoor multi-sport hub development were to proceed within Maidstone Park, then the best option for location of a shared hard court facility may be adjacent to this because:

- A clear preference from netball players has been expressed for outdoor courts and indoor courts to be located together. The ability to have a wide range of ability levels playing next to each other is highly valued by netball.
- The addition of outdoor netball and tennis to the other codes who will be sharing the indoor facility will contribute to the overall effectiveness of the multi-sport concept.

**Management options**

Management options include:

- Community driven multi-sport trust
- Community-school partnership requiring the location to be on school property
- Club/community trust/council partnership

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## RECOMMENDATIONS FOR ACTION

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While senior netball is currently played at Taita, the capacity of this facility to host games will shortly be reduced and a new location for some of the games will be required. A multi-court outdoor netball facility in Upper Hutt of up to ten courts would allow at least senior netball to operate out of one location close to home.

Netball has the greatest number of club-registered participants and is showing annual growth of 4.3 percent in the Wellington region.

Any outdoor development options for tennis and netball courts need to be considered as being part of a shared facility to maximise the financial and social benefits. To reinforce the community benefits gained from multi-sport hubs, a combined netball and tennis facility needs to be located so that it operates as part of any future indoor sports hub.

### RECOMMENDATION

1. Consider a maximum ten court outdoor facility (minimum area 5,950 metres<sup>2</sup>) capable of providing year round play for junior netball and club and recreational tennis, as part of a concept plan for a multi-sport hub in Maidstone Park.
2. Consult with schools, local clubs, valley associations and where relevant regional sports organisations.

# Athletics

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UPPER HUTT CITY COUNCIL

## 6 Athletics

Around 19,000, predominantly young people, are involved with athletics in New Zealand. This compares to around 120,000 netball players, 103,000 cricket players and 130,000 rugby players. An updated all weather track facility exists in Wellington City, which is shared with other users. Schools from around the Wellington region use this facility for athletics competitions when required.

Athletics in the Hutt Valley is carried out through nine athletics and harrier clubs based at Maidstone, Trentham Memorial Park, Hutt Recreation Ground, Petone Recreation Ground and Richard Prouse Park. There is currently no all weather track for schools to use for training or local Upper Hutt events. There is anecdotal demand, primarily from schools, for the development of an all weather athletics track in Upper Hutt. The feasibility of building a new facility in the area is discussed below.

### DEMAND

#### Current Demand

There is currently a desire from schools for access to a 400 metre athletics track during summer months and preference has been shown for an all weather track. Most schools have an active school-based and interschool programme in the first term, co-ordinated in part by College Sport Wellington and Primary Sport Wellington.

Nationally, most demand comes from schools, as adult participation rates are very low. National data shows approximately 80 percent of track and field participants are aged between five and twelve.

**Table 8 Total Athletics New Zealand individual registrations for Wellington region and New Zealand<sup>6</sup> 2000-2007**

	2000/01	2001/02	2002/03	2003/04	2004/05	2005/06	2006/07	Annual Trend
New Zealand	17,677	-	17,386	18,193	18,974	19,119	18,703	3% decrease
Wellington	2003	-	1838	1835	1844	1935	2394	24% increase
Upper Hutt <sup>7</sup>	172		158	157	159	166	205	24% % increase
Hutt City	437		402	399	404	422	521	24% % increase

<sup>6</sup> www.athletics.org.nz. Accessed 23/11/2007.

<sup>7</sup> Upper Hutt data has been estimated from national figures

<b>Forecast changes in demand</b>	<p>National participation trends in athletics show fluctuating numbers involved with clubs from 20,000 in 1992/93 to 31,000 in 1998/99 and back to 20,000 in 2007. Participants of athletics are predominantly young people. SPARC physical activity surveys (1997-2001) show 9 percent of young people had taken part in some form of athletics in the past two weeks, but only 0.5 percent of the population, including adults, are involved with an athletics club.</p> <p>Table 6 shows since the 2002/2003 athletics season, Wellington registrations with Athletics New Zealand have been increasing strongly, with a 24 percent increase in the past year. This is against the national trend.</p>
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### **SUPPLY**

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<b>Current supply</b>	There is currently no all weather track and field facility in the Hutt Valley.
<b>Regional supply</b>	There is a recently refurbished 400 metre all weather athletics track located at Newtown Park in Wellington City including changing rooms, meeting rooms and a grandstand. The grassed space inside the track is also used by soccer. The next closest all weather track and field facilities are located in Palmerston North.
<b>Potential developments</b>	There are no known plans for other new facilities in Wellington, however the Wairarapa has discussed the possibility of a 400 metre all weather track and field facility. The location of this facility, existing demand for, or likelihood of this going ahead is unknown. Such a facility is unlikely have a major effect on the current demand from schools in the Hutt Valley.

## **NEED ASSESSMENT**

### **Facility development requirements**

The requirements greatly depend on the level competition that is being provided for. Athletics tracks require a 400 metre oval for track with at least six, 1.22 metre lanes on the outside made of an artificial all-weather surface.

Recommended radius of each semi-circle is between 32 and 42m at each end. The track may also have facilities for hurdles and steeplechase. Facilities inside the track can be provided for high jump, long and triple jump, hammer and discus, shot put, javelin and pole vault.

Fencing for security purposes and spectator seating centred on the finishing area need to be considered.

An alternative to the formal all-weather athletics track is a multi-use track similar to that recently created at Karori Park. This 1km route is a double track (asphalt and lime stone). This provides an all weather running surface that meets the training needs of individual athletes and recreational runners and walkers as well as accommodating cyclists.

### **Community Benefit**

A new facility would fill the current demand from Hutt Valley schools and provide easy access for Hutt Valley schools that currently have to travel through Wellington CBD to Newtown.

Parental involvement in and support of young athletes is greater with local facilities as parents are reluctant to travel beyond their local community.

A new all weather track would provide a usable surface all year round and would enable training irrespective of the weather or ground conditions. A new facility would also provide space for field events and other codes such as soccer, hockey or speed skating.

The section of community that would benefit from an all weather athletics track is however relatively small, and most use of this facility would occur during summer. An all weather athletics facility would be uncommon given the size of population.

The alternative facility development would appeal to a wider range of recreational users as well as benefiting individual athletes and sports people.

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## **SOLUTIONS**

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<b>Development costs</b>	<p>From other New Zealand developments an estimate of a basic 400 metre all weather track and field facility is in the order of \$1.5 million<sup>8</sup>.</p> <p>Steeplechase, hurdles, pole vault, high jump, javelin, hammer throwing, shotput and discus, as well as spectator provision and support buildings, all need to be provided for to attract large events which would push the cost of development to the order of \$2-2.5 million.</p> <p>Waitakere Sports Complex all weather track development planned for \$1.1 million excluding GST.</p> <p>Massey University budgeted for \$2.2 million and this included facilities for pole vault, high jump, long and triple jump, discus, javelin, hammer and shot put.</p> <p>Whangarei are planning to spend \$2 million on an all weather track including a pavilion.</p>
<b>Potential location</b>	<p>The Oval at Maidstone Park has been identified as a preferred Upper Hutt site and the Hutt Recreation Ground as a Hutt City site.</p> <p>Maidstone Park is a central Upper Hutt location and allows for good transport connections. The existing grandstand is also an advantage. The main downside to the Maidstone park site is there are no major schools nearby.</p> <p>The Hutt Recreation Ground has several large secondary schools nearby and is a central Hutt City location with good public transport connections. The park also has an existing grandstand.</p> <p>Sufficient space exists within both parks for development of either a grass track or an all weather track that makes use of the grandstands.</p> <p>St. Pats Silverstream wants to develop an all weather track on their school land, although this is less suitable because of its relative isolation.</p>
<b>Operational costs</b>	<p>The cost of regular track maintenance exceeds that of a grass track and therefore needs to be considered. Major upgrades or replacement of the track is necessary every 10-15 years and would likely cost at least \$0.5 million depending on any additional improvements required. There are also issues regarding security and restricting free public entry to an artificial track. The area would need to be fenced.</p>
<b>Management options</b>	<p>The inside of an athletics track provides enough space to accommodate a soccer, hockey or rugby field so can be considered a multi-use facility.</p>

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<sup>8</sup> Wairarapa development is estimated at \$1 million for an all weather athletics track.

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## RECOMMENDATIONS FOR ACTION

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Trends in Athletics New Zealand registrations show a current strong increase of participants in Wellington against the national trend. Facilities around the country appear to be dealing with demand at present.

While there is a desire from schools and athletics clubs in the Hutt Valley to have an all weather athletics track, considerable other sporting or fitness group usage would be required to justify building an athletics track facility. Schools only require use of athletic facilities for short periods each year and do not rely on all-weather surfaces to enable practice to take place.

The development of a high quality grass track and field facility in Upper Hutt may be a more suitable option to cover local demand for training and school events. This also avoids the high maintenance, surface replacement and security costs associated with all weather tracks.

Another alternative to an athletics track is a multi-use all-weather hard surface perimeter track for running, walking and cycling. A perimeter track can be included as part of any park design to help encourage wider recreational use<sup>9</sup>. Distance markings for training purposes can be included.

### RECOMMENDATION

1. Investigate the possibility of developing a high quality grass athletics track in Maidstone Park.
2. Consider incorporating an all-weather hard-surface perimeter track for walking, running and cycling into any new development plan for Maidstone Park.
3. Investigate the possible demand from across the Hutt Valley including harriers clubs, cross-trainers and the general public for an all-weather athletics track to be located at Maidstone Park or Hutt Recreation Ground.
4. Consult with schools, local clubs, valley associations and where relevant regional sports organisations.

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<sup>9</sup> The recent Karori Park upgrade which included a multi-use perimeter track as well as general recreational and environmental enhancements cost \$1,335,000 (not including ecological and sport field upgrade costs)

# Hockey

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UPPER HUTT CITY COUNCIL

## 7 Hockey

There are around 45,000 hockey players associated with a club in New Zealand today and trends in participation show numbers to be slowly but steadily increasing. Hockey is now played on artificial turfs as the preferred surface for all levels of competition. Although player numbers in Upper Hutt are not high compared to other centres nationally, demand for an artificial hockey turf close to home from local players has been expressed. Experience throughout the country indicates that local access to an artificial turf unblocks significant latent demand.

### DEMAND

#### Current demand

National participation figures for hockey show a steady increase in the numbers affiliated to clubs since 1992/93 suggesting player numbers will also gradually increase in Upper Hutt, should a full-sized be developed in Upper Hutt.

In 2002/2003 there were approximately 39,500 people in New Zealand participating in hockey with a club<sup>10</sup>. There was a steady increase in numbers from 34,000 in the ten years prior to this. Using this trend as a guide there are now around 44,500 involved with hockey clubs in New Zealand. This represents an approximate increase in registrations of 1.6 percent per year.

**Table 9** National and local hockey participation

National #	National growth trend (1992-2007)	Local #	Local outlook 2020	Strength of Upper Hutt representation
44,500	1.6% annual increase	160	194	Low

From an analysis of the distribution of turfs relative to the number of hockey players it has been shown there is an average of 872 players per full sized hockey turf in New Zealand<sup>11</sup>.

Upper Hutt has approximately 160 current club players. This is well below the national average for numbers of players for an area the size of Upper Hutt.

However, there is an existing demand for a full size floodlit artificial hockey turf at Upper Hutt as facilities throughout the region are currently over utilised. Upper Hutt Hockey Club would be based at a new facility, rather than sharing the Fraser Park turf, where demand is very high.

<sup>10</sup> SPARC national club data

<sup>11</sup> New Zealand Hockey Federation National Facilities Strategy

Hockey New Zealand has a national strategy to support turf development and would need an additional artificial turf in the Wellington region for large national tournaments.

In addition to the Upper Hutt hockey club members, there are currently around 84 primary school Unihock participants involved in Upper Hutt competition. In previous years there have been up to 162 primary school players involved in school competitions. Unihock is played indoors and so does not require an artificial turf.

While artificial turfs are the chosen playing surface for hockey, schools can use them effectively for general physical education and soccer training. This increases the hours per week that a facility is likely to be used, as schools require daytime use, rather than weekends and evenings.

### **Forecast changes in demand**

Forecast changes in demand are difficult to predict given the low number of players in Upper Hutt, however nationally player numbers are increasing slowly but steadily. While Upper Hutt has below the average number of players, experience shows that there is likely to be significant latent demand opened up upon completion of a new facility.

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## **SUPPLY**

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### **Current supply**

The nearest full sized artificial hockey turf is at Fraser Park, Lower Hutt. The Upper Hutt Hockey Club has very limited access to this, because of demand by Hutt City clubs.

There is a  $\frac{3}{4}$  size artificial turf at Upper Hutt College with no possibility of extension due to limited land area, and no floodlighting.

There are half sized turfs at Maidstone Intermediate and Hutt International Boys School, however Hutt International Boys Schools do not make their turf available to community users. Turfs under full size can be used for training purposes and junior competition but not for youth or adult competition.

### **Regional supply**

The nearest facilities outside of the Hutt Valley are in Wellington and Carterton in the Wairarapa. There is also a turf currently being developed on the Kapiti Coast and at Eldson Park, Porirua. These turfs are not close enough to Upper Hutt to have any significant effect on local demand.

### **Potential developments**

There are no developments planned close to Upper Hutt and therefore no changes are expected in supply or demand without further development.

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***NEED ASSESSMENT***

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<b>Facility development requirements</b>	A full size hockey pitch requires a length of 91.4 metres, with a minimum additional distance of five metres at each end, and a width of 55 metres, with an additional two metres along the sides. Total land areas needed for development of a pitch are in the order of 6000-7000 square metres.
<b>Community Benefit</b>	<p>Development of an artificial hockey turf would fill a current community demand in Upper Hutt and would have the potential to support the Wellington Region's capacity to attract national tournaments to the area. An artificial turf contributes to achieving the desired outcomes of Upper Hutt Active Recreation Plan and the community goals outlined in the Long Term Council Community Plan. A hockey turf in Upper Hutt would also enable competitions to take place close to home, rather than away from home as is presently the case.</p> <p>An artificial hockey turf located on a school site is able to benefit the school beyond that which can be experienced from a hockey club alone as it can be used for multiple activities during the day.</p>

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**SOLUTIONS**

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<b>Development costs</b>	<p>Estimates for the development of single artificial hockey turf are between \$1.6 – 2 million for a new facility including flood lighting, security fencing and some provision for spectators.</p> <p>An extension of an existing facility such as the half turfs located at Maidstone Intermediate and Hutt International Boys may cost less if some of the initial ground investigations could be avoided.</p> <p>The minimum standards required to host local and national events are listed in NZHF National Facilities Strategy Working Group, 2004.</p> <p>Selection of turf type (water, sand or wet dressed) is important in considering the cost and management of development. Wet dressed turfs are becoming the preferred option but require budget allowances for drainage and irrigation.</p>
<b>Potential location</b>	<p>Working closely with a school would maximise potential use and possible school locations need to be investigated.</p> <p>A second option would be to locate at the north end of Maidstone Park as part of the precinct and multi-sport hub.</p>
<b>Operational costs</b>	<p>Ongoing maintenance costs are low in the first few years of the turf, but the life of the surface is only approximately twelve years. The cost of replacement of the artificial surface is in the order of \$500,000.</p>
<b>Management options</b>	<p>A facility such as this is commonly developed in conjunction with a school to maximise daytime use.</p> <p>Soccer teams are able to use artificial hockey turfs for practice and if the design of the hockey turf allows they can also be used for competition.</p>

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## RECOMMENDATIONS FOR ACTION

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Based on national facility development trends towards synthetic multi-used surfaces and likely latent demand, there appears to be a need from Upper Hutt Hockey participants for an easily accessible full sized hockey turf.

Most effective use of a turf would be when co-located with a local school, guaranteeing daytime use.

The total cost for developing a hockey turf with floodlighting and seating is around 1.6 to 2 million dollars. However costs may be able to be reduced if there is the possibility of extending the current half sized turfs at Maidstone Intermediate or Hutt International Boys School. This needs to be investigated.

### RECOMMENDATION

1. Consult with schools, local clubs, valley associations and where relevant regional sports organisations.
2. Investigate potential turf sites by:
  - Approaching Maidstone Intermediate or Hutt International Boys School with a view to extending their existing turf; and
  - Investigating potential sites in Maidstone Park for a full-sized turf.

# Bowls

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UPPER HUTT CITY COUNCIL

## 8 Bowls

There is currently a relatively active group of bowls participants in the Upper Hutt area with three clubs servicing demand. While many clubs around the country are experiencing low member numbers and pressure to reduce the size of their facilities, there has been a recent growing demand from casual and group participants, particularly younger people.

The co-owned facilities at the Upper Hutt Bowls and Tennis club are currently in need of redevelopment. This provides an opportunity to review the clubs' location and the potential to be based at Maidstone Park alongside other sports codes.

Funds raised from the sale of their current land would allow these tennis and bowls to become part of a potential multi-sport hub development in Maidstone Park. The potential for tennis to be part of this design is discussed in Section Four and bowls is discussed below.

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### **DEMAND**

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#### **Current demand**

There are currently around 60,000 bowls participants nationally and 21,000 indoor bowls participants.

Nationally there is decreasing demand and declining club members which is creating pressure on New Zealand bowls nationally to remain sustainable. At least three quarters of clubs have less than 100 members.

There has however been a recent increase in the number of casual bowls participants, indicating a renewed interest in the sport and possible increases in demand for facilities in the future.

Local club membership of the three clubs is approximately 1150; proportionally higher than national levels.

#### **Forecast changes in demand**

Secondary school competitions are providing a youth base to the sport that has been absent in the past. This is likely to change the ongoing demand, the membership profile of bowls clubs generally, and Upper Hutt bowling clubs in particular.

## **SUPPLY**

### **Current supply**

There are three clubs providing lawn bowls in Upper Hutt, each with two turf greens. Upper Hutt Bowling club also has an artificial green.

Club	Turf	Artificial
Upper Hutt Bowling Club	2	1
Whakatiki Bowling Club	2	0
Silverstream Bowling Club	2	0

Upper Hutt Valley Indoor Bowls Association use a large indoor facility for association competition events.

### **Regional supply**

There are 37 bowling clubs in the Wellington Region, with many communities being serviced by multiple clubs. In some areas there are still separate men and women's clubs, and in other there are combined bowling/petanque and bowling/croquet clubs.

Given current reductions in numbers there is likely to be ongoing pressure to reduce the current number of clubs and greens.

## **NEED ASSESSMENT**

### **Facility development requirements**

Bowls require a rectangle or square green of length 31 to 40 metres surrounded with a ditch. This green is divided into the desired number rinks 4.3 to 5.8 metres wide.

The bowling surface can either be grass or an artificial material.

Space of at least 0.9 metres is required between the seated spectator area and the bowling green.

Bowls clubs desiring facilities for croquet and/or petanque require areas of 32 x 25.6 metres and 12 x 3 metres respectively for competition games.

### **Community Benefit**

While many people participate in either Lawn Bowls or Indoor Bowls, there is some cross-over of membership. The capacity of the indoor facility to accommodate Indoor Bowls and be adjacent to the lawn bowls site provides the opportunity to increase this linkage.

Co-location of bowls with other sports facilities creates opportunities for cross-marketing for members.

Facility development may increase the number of casual and social group users and increase the appeal of the sport to younger players.

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## **SOLUTIONS**

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<b>Development costs</b>	Order of magnitude costs of a new bowls green development are:		
	Work	Single Green	Three Greens
	Earthworks	\$100,000	\$300,000
	Green construction	\$300,000	\$900,000
	Shelter, seating, landscaping, fencing etc	\$100,000	\$300,000
	Total	\$500,000	\$1,500,000
	This does not include any costs associated with club buildings or croquet and petanque facilities.		
	The value of the existing land occupied by the Upper Hutt Bowls and Tennis Clubs is estimated to be two to three million dollars.		
<b>Potential location</b>	A central open space location as part of the sports hub would enable week-day use of club facilities and parking. Maidstone Park offers these opportunities.		
<b>Operational costs</b>	It costs an average of \$8000 per season to run a bowls club <sup>12</sup> .		
<b>Management options</b>	Club facilities to be part of the sports hub, including meeting, social and administrative services.		

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## **RECOMMENDATIONS FOR ACTION**

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1. Consult with the Upper Hutt Bowls Club along with the Tennis Club regarding relocation
2. Include the relocation of the current Upper Hutt Bowls Club facility to Maidstone Park in conjunction with the relocation of tennis onto new hard-court facilities as part of concept planning.

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<sup>12</sup> [www.bowlsnz.co.nz](http://www.bowlsnz.co.nz). Accessed 17/3/08

## 9 APPENDIX

**Table A1. Wellington, National and Upper Hutt Participation – Those taking part in last two weeks (young) or four weeks (adults)<sup>13</sup>**

		Young	Adult
Soccer	National (%)	18	5
	Wellington (%)	22	8
	Upper Hutt (#)	8452	3073
Netball	National (%)	10	10
	Wellington (%)	10	8
	Upper Hutt (#)	3841	3073
Tennis	National (%)	6	5
	Wellington (%)	8	5
	Upper Hutt (#)	3073	1920
Basketball	National (%)	8	6
	Wellington (%)	6	7
	Upper Hutt (#)	2305	2688
Athletics	National (%)	9	2
	Wellington (%)	6	2
	Upper Hutt (#)	2305	768
Volleyball	National (%)	3	4
	Wellington (%)	2	6
	Upper Hutt (#)	768	2305
Gymnastics	National (%)	4	-
	Wellington (%)	4	-
	Upper Hutt (#)	1563	-
Badminton	National (%)	-	4
	Wellington (%)	-	4
	Upper Hutt (#)	-	1563
Hockey	National (%)	6	1
	Wellington (%)	2	1
	Upper Hutt (#)	768	384
Bowls	National (%)	-	4
	Wellington (%)	-	n/a
	Upper Hutt	-	1150

<sup>13</sup> SPARC – New Zealand Sport and Physical Activity Surveys 1997-2001

The national and Wellington percentages in Table A1 are estimates of the numbers of people who have recently taken part in the above sports and serve to indicate levels of participation only. The participants may have simply been taking part on a casual basis or as part of a club or organisation. Based on Upper Hutt's population relative to the whole of the Wellington region an estimate of the number of people who have recently taken part in Upper Hutt has been given.

**Table A2. Comparison of approximate New Zealand club member numbers and trends where available for the assessed sports – 1992-2007<sup>14</sup>**

	1992/93	1995/96	1998/99	2002/03	2007
<b>Netball</b>		108,000	119,000	123,000	120,000
<b>Bowls</b>	50,000	68,000		60,000	58,200
<b>Hockey</b>	33,830	35,126	36,697	39,500	43,000
<b>Tennis</b>	54,000		43,000	42,000	42,000
<b>Basketball</b>	38000	50,000	50,000	29,000	
<b>Athletics</b>	20,000	20,000	31,000	17,300	18,000
<b>Gymnastics</b>	11,972	10,611	13,212	17,304	
<b>Volleyball</b>	32,924	52,571	22,870	12,668	
<b>Badminton</b>	8,364	13,985	7,798	9,059	11,000
<b>Roller Sports</b>					4000 <sup>15</sup>

<sup>14</sup> from SPARC

<sup>15</sup> Estimate only based on number of clubs

**Table A3. Upper Hutt Sports Clubs Members (2007)<sup>16</sup>**

	Under 18	Adult	Total
<b>Netball</b>	1290	180	1,470
<b>Bowls</b>			1,150
<b>Gymnastics</b>	425	19	444
<b>Tennis</b>			320
<b>Basketball</b>			269 <sup>17</sup>
<b>Athletics</b>			205 <sup>18</sup>
<b>Hockey</b>	90	70	160
<b>Volleyball</b>			154
<b>Inline hockey</b>	75	75	150
<b>Roller Skating</b>	62	55	117
<b>Badminton</b>	22	21	43

**Table A4 National, Wellington Region and Upper Hutt Population<sup>19</sup>**

	Number	Annual growth rate (2001-2006)
National	4,027,947	1.50%
Wellington Region	448,956	1.16%
Upper Hutt	38,415	1.10%

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<sup>16</sup> Sourced from local sports clubs

<sup>17</sup> estimated from national data

<sup>18</sup> ibid

<sup>19</sup> 2001 and 2006 Census