



*The Lake Country  
Recreational Trail is an  
8 mile biking and hiking  
trail that travels east to  
west from Pewaukee to  
Oconomowoc*

**PARK STANDARDS AND GOALS**

RECREATIONAL PARKS AND OPEN SPACE STANDARDS AND GUIDELINES, NATIONAL PARKS AND RECREATION ASSOCIATION, ROGER B. LANCASTER, 4<sup>TH</sup> PRINTING 2009

While standards can never tell the entire story of what is best for any individual community, they do help ground discussion in standardized language and information. On the following pages are the standards that were used by the Commission.

<b>Table PR.1: NRPA Parkland Classification and Standards</b>				
<b>Type</b>	<b>Service Area</b>	<b>Desirable Size</b>	<b>Acres/1000 Residents</b>	<b>Desirable Site Characteristics and Facilities</b>
Neighborhood Parks	¼ to ½ Mile	5-15 Acres	1 to 2 Acres	Serve the surrounding neighborhoods with open space and facilities such as basketball courts, children's play equipment and picnic tables
Community Parks	1-2 Miles	25+ Acres	5 to 8 Acres	May include areas suited for intense recreation facilities such as athletic complexes and large swimming pools. Easily accessible to nearby neighborhoods and other neighborhoods
Regional Parks	Several Communities	200+ Acres	5 to 10 Acres	Contiguous with or encompassing natural resources
Special Use Areas	No Applicable Standards	Variable Depending on use	Variable	Area for specialized or single purpose recreation activities such as campgrounds, golf courses etc.

ACTIVITY/ FACILITY	RECOMMENDED SPACE REQUIREMENTS	RECOMMENDED SIZE AND DIMENSIONS	RECOMMENDED ORIENTATION	NO. OF UNITS PER POPULATION	SERVICE RADIUS	LOCATION NOTES
<b>Handball</b> <b>(3-4 wall)</b>	800 sq. ft. for 4-wall  1000 for 3-wall	20'x40' – Minimum of 10' to rear of 3-wall court. Minimum 20' overhead clearance	Long axis north-south.  Front wall at north end.	1 per 20,000	15-30 minute travel time	4-wall usually indoor as part of multi-purpose facility. 3-wall usually outdoor in park or school setting
<b>Ice Hockey</b>	22,000 sq. ft. including support area	Rink 85'x200' (minimum 85'x185') Additional 5000 sq. ft. support area	Long axis north-south if outdoor	Indoor – 1 per 100,000 Outdoor – depends on climate	¼ - 1 hour travel time	Climate Important consideration affecting no. of units. Best as part of multi-purpose facility.
<b>Tennis</b>	Minimum of 7,200 sq. ft. single court (2 acres for complex)	36'x78'. 12' clearance on both sides; 21' clearance on both ends.	Long axis north –south	1 court per 2000	¼-1/2 mile	Best in batteries of 2-4. Located in neighborhood/community park or adjacent to school
<b>Volleyball</b>	Minimum of 4,000 sq. ft.	30'X60'. Minimum 6' clearance on all sides	Long axis north-south	1 per 5000	¼ - ½ mile	Same as other court activities (e.g. badminton)
<b>Baseball</b>  1. <b>Official</b>    2. <b>Little League</b>	3.0-3.85 A minimum    1.2 A minimum	Baselines – 90' Pitching distance 60 ½' foul lines – min. 320' Center field – 400'+  Baselines – 60'  Pitching distance – 46' Foul lines – 200' Center field – 200' – 250'	Locate home plate to pitcher throwing across sun and batter not facing it. Line from home plate through pitchers mound run east-north-east.	1 per 5000  Lighted 1 per 30,000	¼ - ½ mile	Part of neighborhood complex. Lighted fields part of community complex.
<b>Field Hockey</b>	Minimum 1.5 A	180' x 300' with a minimum of 6' clearance on all sides.	Fall season – long axis northwest to southwest. For longer periods north-south	1 per 20,000	15-30 minutes travel time	Usually part of baseball, football, soccer complex in community park or adjacent to high school.
<b>Football</b>	Minimum 1.5 A	160' x 360' with a minimum of 6' clearance on all sides.	Same as field hockey.	1 per 20,000	15-30 minutes travel time	Same as field hockey.
<b>Soccer</b>	1.7 – 2.1 A	195' to 225'x330' to 360' with a minimum 10' clearance all sides.	Same as field hockey.	1 per 10,000	1-2 miles	Number of units depends on popularity. Youth soccer on smaller fields adjacent to schools or neighborhood parks.
<b>Golf-driving Range</b>	13.5 A for minimum of 25 tees	900'x690' wide. Add 12' width for each additional tee.	Long axis south-west-northeast with golfer driving toward northeast.	1 per 50,000	30 minutes travel time.	Part of a golf course complex. As separate unit may be privately owned.
<b>¼ Mile Running Track</b>	4.3 A	Overall width – 276' Length – 600.02' Track width for 8 to 4 lanes is 32'.	Long axis in sector from north to south to north-west-south-east with finish line at northerly end.	1 per 20,000	15-30 minutes travel time	Usually part of high school, or in community park complex in combination with football, soccer, etc.
<b>Softball</b>	1.5 to 2.0 A	Baselines – 60' Pitching distance- 46' min. 40' women. Fast pitch field Radius from Plate – 225' Between foul Lines. Slow Pitch – 275' (men) 250'(women)	Same as baseball	1 per 5,000 (if also used for youth baseball)	¼ - ½ mile	Slight differences in dimensions for 16" slow pitch. May also be used for youth baseball.
<b>Multiple Recreation Court (basketball, volleyball, tennis)</b>	9, 840 sq. ft.	120' x 80'	Long axis of courts with primary use is north-south	1 per 10,000	1-2 miles.	
<b>Trails</b>	N/A	Well defined head minimum 10' width, maximum average grade is 5% not to exceed 15%. Capacity rural trails – 40 hikers/day/mile. Urban trails – 90 hikers/day/mile.	N/A	1 system per region	N/A	

City of Delafield

ACTIVITY/ FACILITY	RECOMMENDED SPACE REQUIREMENTS	RECOMMENDED SIZE AND DIMENSIONS	RECOMMENDED ORIENTATION	NO. OF UNITS PER POPULATION	SERVICE RADIUS	LOCATION NOTES
Badminton	1620 sq. ft.	Singles – 17'x44'  Doubles – 20'x44'	Long axis north-south	1 per 5000	¼ - 1/2 mile	Usually in school, recreation center or church facility. Safe walking or bike access.
Basketball	2400-3036 sq. ft.	46-50'x84'	Long axis north-south	1 per 5000	¼ - ½ mile	Same as badminton. Outdoor courts in neighborhood and community parks, plus active recreation areas in other park settings.
1. Youth	5040-7280 sq. ft.	50'x84'				
2. High School 3. Collegiate	5600-7980 sq. ft.	50'x94'  with 5' unobstructed space on all sides				

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<b>Archery Range</b>	Minimum 0.65 A	300' Length x Minimum 10' wide between targets. Roped clear space on sides of range minimum 30', clear space behind targets minimum of 90'x45' with bunker.	Archer facing north - or - 45 degrees.	1 per 50,000	30 minutes travel time	Part of regional or metro park complex.
<b>Combination Skeet and Trap Field (8 Stations)</b>	Minimum 30 A	All walks and structures occur within an area approximately 130' wide by 115' deep. Minimum cleared area is contained within 2 superimposed segments with 100-yard radii (4 acres). Shot-fall danger zone is contained within 2 superimposed segments with 300-yard radii (36 acres).	Center line of length runs northeast-southwest with shooter facing northeast.	1 per 50,000	30 minutes travel time	Part of regional/metro park complex
<b>Golf</b>  1. Par 3 (18 hole) 2. 9-hole standard 3. 18-hole standard	50-60 A  Minimum 50 A  Minimum 110 A	Average length vary 600-2700 yd.  Average length -2250 yards  Average length 6500 yards	Majority of holes on north-south axis	-  1/25,000  1/50,000	½ to 1 hour travel time	9 hole course can accommodate 350 people/day.  18 hole course can accommodate 500-550 people/day.  Course may be located in community or district park, but should not be over 20 miles from population center.
<b>Swimming Pools</b>	Varies on size of pool and amenities. Usually ¼ to 2 A site.	<i>Teaching</i> - minimum of 25 yards x 45' even depth of 3 to 4 ft.  <i>Competitive</i> – minimum of 25 m x 16 m. Minimum of 27 square feet of water surface per swimmer. Ratios of 2:1 deck vs. water.	None-although care must be taken in siting of lifeguard stations in relation to afternoon sun.	1 per 20,000  (Pools should accommodate 3 to 5% of total population at a time.)	15 to 30 minutes travel time	Pools for general community use should be planned for teaching, competitive and recreational purposes with enough depth (3.4m) to accommodate 1m and 3m diving boards. Located in community park or school site.
<b>Beach Areas</b>	N/A	Beach area should have 50 sq. ft. of land and 50 sq. ft. of water per user. Turnover rate is 3. There should be 3-4 A supporting land per A of beach.	N/A	N/A	N/A	Should have sand bottom with slope maximum of 5 % (flat preferable). Boating areas completely segregated from swimming areas.

Mertes & Hall, 1996 Park, Recreation, Open Space and Greenway Guidelines.

## SWOT ANALYSIS

A SWOT analysis is a tool, used in management and strategy formulation. It can help to identify the Strengths, Weaknesses, Opportunities and Threats of a particular organization.

Strengths and weaknesses are **internal factors** that create value or destroy value. They can include assets, skills, or resources that an organization has at its disposal, compared to its competitors. They can be measured using internal assessments or external benchmarking.

Opportunities and threats are **external factors** that create value or destroy value. An organization cannot control them. But they emerge from either the competitive dynamics of the industry/market or from demographic, political, economic, social, technical, legal or cultural factors (PEST)

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### STRENGTHS

- Existing parks, open space, playgrounds, and trails in the City and surrounding area.
- Natural resources (wetlands, rivers, woods, lakes, and forests.)
- Great combination of neighborhood and destination parks.
- City leadership that cares about the city, and has a great vision for the City.
- Level of development has provided funding to develop trails, parks, and tree planting

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### WEAKNESSES

- Lack of dedicated staff to monitor, manage, and market parks and recreation for the City.
- Lack of community gathering spaces to allow for expansion of recreation, senior programs and cultural activities.
- Lack of connected trail system within the City, and between area attractions.

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### OPPORTUNITY

- Improve cooperation with neighboring communities on parks, facilities, and recreation programs.
- Continuing to obtain and development new parks and open space
- Leverage parks and open space to increase the draw to the downtown and all business locations.
- Clean and improve access to the Bark River
- Leverage relationships with builders and existing institutions to improve park and recreation

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### THREAT

- Balancing the need for parks, open space, and recreation with funding available to meet the need.
- Meeting the needs of the majority of citizens even when the (sometimes vocal) minority of citizens oppose a direction
- Pollution, Deer, and invasive species threaten our natural resources and citizens
- Lack of knowledge or consideration for Park plans in all city decision making

## OVERALL GOALS

1. Develop time phased park and facilities development plan
  - a. Develop Liberty Park
  - b. “New” Bark River corridor / Cushing / VMR Park and Trail plan
  - c. Complete Lake Country Recreational Trail through Downtown
  - d. Improve Facilities
    - i. Permanent bathroom at Fish Hatchery Sports Complex
    - ii. Fish Hatchery Building
    - iii. Expand paved off road trails
2. Improve Services Levels
  - a. Dedicated staff and organization
  - b. Service level agreement with DPW
  - c. Green policies and guidelines
3. Improve Recreation Programs
  - a. Enhance programs for each age group
  - b. Expand relationship with Hartland and Town of Delafield
4. Improve Communications And Marketing
  - a. Expand methods of communicating with citizens
  - b. Communicate plans in addition to existing facilities