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Table of Contents

I.	EXECUTIVE SUMMARY	6
II.	STUDY GOALS	8
	a. Planning Goals	8
	b. Facilities Goals	8
	c. Program Goals	8
III.	NATURAL & CULTURAL FEATURES	10
	a. Overview	10
	b. Topography & Steep Slopes	10
	c. Surface Water Features	10
	d. Prime Agricultural Soils	11
	e. Cultural/Historic & Archaeological Resources	11
IV.	DEMOGRAPHICS	12
	a. Demographic and Socio-Economic Data and Trends	12
	b. Manor Township Demographics	12
	i. 1990	12
	ii. 2000	13
	c. Demographic History & Trends	14
	d. Land Use	16
	i. Existing Land Use	16
	ii. Zoning	16
	iii. Future Land Use	17
	iv. Public Sewer	17
V.	PARK & RECREATION SYSTEM PROFILE	18
	a. Recreation Administration	18
	b. Public Communication	18
	c. Cooperative Efforts	19
	d. Maintenance & Security	19
	e. Park Rules & Regulations	20
	f. Accessibility	20
	g. Inventory & Analysis	21
	h. Park Types	21
	i. Regional	21
	ii. Community	21
	iii. Neighborhood	22
	iv. Linear/Preserves	22
	v. Park Land Acreage	23
	i. Park Inventory	23
	i. Public Facilities	24
	ii. Schools & Private Recreation	25
	iii. Churches	26

iv. Periphery Parks	27
v. Passive Recreation (Linear/Preserves)	28
VI. RECREATION PROGRAMS	30
VII. FINANCES	32
a. Current	32
b. Funding the Recommendations	34
i. Federal Grants	34
ii. State Grants	36
iii. Federally Funded/State Administered Grants	37
iv. Foundation Grants	38
v. Non-Government Grants	39
vi. National Programs	40
VIII. PARK USER INTERVIEWS	42
a. Field Interviews	42
b. Residential Interviews	43
c. Key Person Interviews	44
d. Community Meetings	48
IX. RECOMMENDATIONS	50
a. Overview	50
i. Recommendation goals and time table	50
b. Recreation Facility	54
c. Passive Recreation	55
d. Active Recreation	57
e. Staffing	57

APPENDICES

Park Users Survey	A
Resident Survey	B

LIST OF MAPS

Natural Features	3A
Prime Agricultural Soils	3B
Cultural Features	3C
Existing Land Use	4A

Zoning	4B
Future Land Use	4C
Sewer Coverage	4D
Park Service Areas (Township Only)	5A
Park Service Areas (All Inclusive)	5B
Potential Linear Parks & Other Recreational Possibilities	5C

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EXECUTIVE SUMMARY

Manor Township is located in the west central portion of Lancaster County, Pennsylvania. It was originally named the Manor of Conestoga as surveyed for William Penn in 1719. It is thought that these 16,000 acres were set-aside as an area where Indians, principally the Susquehannock Tribe, could live and hunt. Swiss-German Mennonites were among the first white settlers to occupy the area. The name was officially changed to Manor Township in 1759.

Manor Township is a Second Class township within the governmental structure of Pennsylvania. Under the Second Class Township Code, townships may acquire, develop and operate parks and other recreation facilities. After a 1991 court decision, the Code was amended to allow the use of eminent domain to acquire land for recreation purposes.

The Municipalities Planning Code of Pennsylvania allows townships to require developers of residential subdivisions to provide land for recreation. This can be done by dedicating a portion of the subdivision, by payment of fees in-lieu of land, by construction of facilities, by private reservation of land, or by some combination of these. In order to require this of a developer, a township must have recreation plan in effect.

A recreation board may be a joint board with other municipalities and/or a school district. The Code also allows for the creation of a special tax for park and recreation purposes, but costs may also be met from the General Fund.

To a large extent, the recommendations of the 1990 Comprehensive Recreation and Open Space Plan have been implemented by the township. This has included expansion of Greider Park as well as construction of the Woods Edge and Springdale Parks. Using this update as a tool, the Parks and Recreation Board is ready to refine and enhance recreation/open space facilities and programs within Manor Township.

This report begins with the study goals that were laid out at the beginning of the planning process. The focus of this report all comes from these goals. Following that, the geography of Manor Township as well as its social demographics is presented. This lays out a framework from which to base future efforts; geography and demographics with parks and recreation respectively. The following section will present all of the current facilities and programs being offered in Manor Township. This allows the township to find all of this information indexed in one area. Along with this is the funding of Manor Township Parks & Recreation. The section includes current and past financial information that allows the township to infer from the trends where it is heading in regards to monetary issues. A separate subsection of this includes a number of sources for revenues as well as the multitude of grants available for the township to take advantage of. Input from park users, key persons, and citizens are then addressed. This is to allow the township to better understand what its users, citizens and park professionals believe are strengths and weaknesses within the Manor Township Parks system. At this point, the recommendations are presented to conclude the report. They are broken into

categories for ease of understanding as well as cohesion. The recommendations include sections for administration, park & recreation operation, public communication, maintenance, and finance. Included with the report are maps showing current geographical features, land use, park locations with service radii, current linear parks, and potential linear parks.

STUDY GOALS

Planning Goals

- Develop recreational policies that are largely based upon extensive public input and have broad base support
- Plan for future park sites so that adequate recreational opportunities keep pace with expected growth
- Provide for a diversity of recreational opportunities ranging from passive to active recreation
- Coordinate recreation/conservation planning with other land use planning policies
- Gauge public satisfaction of existing facilities and programs and identify means of improving those existing facilities and programs.
- Develop a framework of recreation and conservation policies that can be used by local officials, developers, and land owners to assist with future development

Facilities Goals

- Identify and inventory existing facilities within the township, both township-owned and non township-owned.
- Identify potential areas for recreation facilities based on availability as well as current and future needs
- Identify areas where existing facilities can be utilized, improved, or modified in order to meet existing and future needs

Program Goals

- Determine the present and future recreational needs of Manor Township residents
- Provide recreational opportunities for a broad spectrum of ages and interests
- Work cooperatively with community agencies and neighboring municipalities to meet the needs of the community
- Develop a recreational program that maximizes existing facilities

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NATURAL AND CULTURAL FEATURES

Overview

Natural and cultural areas are discussed below and shown on the Natural Features Map. These are: topography and steep slopes, surface water features, prime agricultural soils, cultural/historic sites and archaeological resources.

A study of these characteristics within Manor Township will show both limitations and opportunities that impact the planning for recreation and open space.

Topography and Steep Slopes

The slope of the land is one of the key determining factors in the suitability of an area for a specific kind of land use. Generally, steep slopes are considered to have severe limitations for either development or farming. These areas are generally undisturbed and often wooded. If allowed to remain in their natural state, steep slope areas can be valuable passive conservation areas that can be integrated into the township's overall park network. These areas can also provide a natural buffer between developed areas of the township.

A majority of steep slope areas in the township occur along its major streams. These include: the area along the Susquehanna River (especially south of Washington Borough), Indian Run, The Little Conestoga Creek and its Western Branch, as well as the Conestoga River. (See map 3A)

Surface Water Features

The drainage of an area is directly related to the topography and slope. For many reasons it is desirable to keep stream valleys in their natural state. Even old milldams, while quaint, have caused silt to build up and alter the normal flow of a stream. So greenways and trails that follow streams have a positive impact on the environment, while providing much needed active and passive recreation opportunities. Floodplains and wetlands can be utilized in much the same way.

As far as water quality, Wisslers Run is classified as a high quality, cold-water fishery. That is, the stream is protected by DEP. Also, the Western Branch of the Little Conestoga Creek is classified as warm water fishery and qualifies for trout stocking. (See map 3A)

Prime Agricultural Soils

There are three different soils groups within Manor Township. These are: 1) Duffield-Hagerstown, 2) Manor-Chester-Glenely, and 3) Letort-Pequea-Conestoga. Of these, the latter two are listed in the Conestoga Greenways Plan as having a suitability for recreation that is medium to high. As a general rule these soils exhibit good drainage and gentle slopes and as such are well suited for campsites, trails and parkland. These same characteristics make most of the soils in Manor Township well suited for highly productive agricultural uses, too. Consequently a balance is necessary between land preservation for agricultural use and recreation development. (See map 3B)

Cultural/Historic and Archaeological Resources

The Pennsylvania Natural Diversity Inventory (PNDI) identified five sites within Manor Township as having state-wide significance. While it is the policy of the Pennsylvania Department of Conservation and Natural Resources not to identify exact locations of these endangered plants and animals, the five locations can be described as follows: the wading bird rookeries in the Susquehanna River, a site with a fairly large population of a globally-rare plant, a private recreation area with a state-rare plant and two sites with plants that are potentially rare or imperiled.

Manor Township contains over 30 historically significant sites. And while none of these are currently on the National Register of Historic Places, each one offers the potential for valuable cultural and educational opportunities.

Sites of archaeological significance are abundant in Manor Township. These are located primarily along the various stream valleys in the township, but also in the Washington Boro area. Some of these areas contain sites that date back to the Paleo-Indian Era, i.e. pre-8,000 B.C. and represent evidence of the first human inhabitants. There are only 230 of these sites in the entire state, 12 in Lancaster County and 2 within Manor Township. (See map 3C)

DEMOGRAPHICS

Demographic and Socio-Economic Data and Trends

Recreation services, like all municipal services, can most effectively and efficiently be provided in relationship to the population being served. In the case of recreation services, these needs vary by age group and socio-economic condition. Therefore an important component of the recreation planning process is an understanding of the population and economic factors and trends in Manor Township. A description of that data follows.

The 1990 Comprehensive Recreation and Open Space Plan did not have information available from the 1990 Census. This Update includes Census Data from 1990, 2000, and 2005, as well as population projections from the Lancaster County Planning Commission for 2010, 2020, and 2030.

Manor Township Demographics

Population Data for Manor Township	
<i>Year</i>	<i>Total Population</i>
1990	14,130
2000	16,498
2005+	17,654
2010*	18,229
2020*	19,942
2030*	21,514

+ Census estimate

*Lancaster County Planning Commission Projection

1990 Census Data

Population distribution based on age		
<i>Age Group</i>	<i>Total</i>	<i>% Total</i>
0-4	1,037	7.3
5-14	2,501	17.7
15-24	1,156	8.2
25-54	6,258	44.3
55 & Over	3,178	22.5

Income		
	<i>Manor Township</i>	<i>Lancaster County</i>
1989 Median Household Income	\$36,906	\$33,255
1989 Per Capita Income	\$15,954	\$14,235
1989 Number of Families Below Poverty Level	41	6,043

Housing		
	<i>Manor Township</i>	<i>Lancaster County</i>
Number of Housing Units Owner Occupied	4,017	104,752
Number of Housing Units Renter Occupied	1,243	46,204
Median Home Value	\$90,700	\$89,400
Median Gross Rent	\$384	\$363

Education		
	<i>Manor Township</i>	<i>Lancaster County</i>
Percent of Persons 25 and Older and a High School Graduate	43.8	38.9
Percent of Persons 25 and Older with 4 Plus Years of College	16.7	16.7

2000 Census Data

Population distribution based on age			
<i>Age Group</i>	<i>Total</i>	<i>2000 % Total</i>	<i>1980 % of Total</i>
0-4	906	5.5	6.3
5-14	2,337	14.2	13.9
15-24	1,929	11.7	16.8
25-54	7,182	43.5	40.8
55 & Over	4,144	25.1	22.2

Income		
	<i>Manor Township</i>	<i>Lancaster County</i>
1999 Median Household Income	\$47,806	\$45,507
1999 Per Capita Income	\$22,243	\$20,389
1999 Number of Families Below Poverty Level	112	6,569

Housing		
	<i>Manor Township</i>	<i>Lancaster County</i>
Number of Housing Units Owner Occupied	4,263	103,096
Number of Housing Units Renter Occupied	1,209	48,406
Median Home Value	\$117,200	\$119,300
Median Gross Rent	\$571	\$572

Education		
	<i>Manor Township</i>	<i>Lancaster County</i>
Percent of Persons 25 and Older and a High School Graduate	85.2	77.4
Percent of Persons 25 and Older with 4 Plus Years of College	22.3	20.5

Demographic History & Trends

Employed Persons 16 Years and Over By Type of Industry Manor Township		
<i>Industry Type</i>	<i>1990</i>	<i>2000</i>
Agriculture, etc	4.5 %	2 %
Construction, Mining	8.2 %	5.4 %
Manufacturing	23.3 %	22.4 %
Transportation, Communications	8.1 %	5.0 %
Retail & Wholesale Trade	19.6 %	16.8 %
Finance, Insurance, Real Estate	5.3 %	5.5 %
Management, Health Care	28.1 %	39.4 %
Public Administration	3.2 %	3.7 %

With the coming of the railroads the economic base expanded to include woolen, match and tool factories. Manufacturing accounted for 23.3% of the employment in 1990 and declined only slightly to 22.4% of the township’s population in 2000. Reflecting national trends the Management, Health Care and Professional category expanded from 28.1% of the population in 1990 to 39.4% in 2000.

Income of the township residents has risen dramatically compared with 20 years ago. Median household income is up from \$19,414 to \$47,806. Per capita annual income has risen from \$7,930 to \$22,243, and the absolute number of families below the poverty level has stayed the same while total population has gone up. Manor Township residents are better off than residents of Lancaster County as a whole. The 1999 median household income in the township was \$47,806, while for Lancaster County it was \$45,507.

The overall population of Manor Township increased by 16.8% between the years of 1990 and 2000. Between the years of 2000 and 2005 the township’s population increased by an additional 7% based on Census estimates. And by the year 2030, as projected by the Lancaster County Planning Commission, Manor Township’s population will be 21,514. This is approximately a 50% increase from 1990.

Economically, Manor Township began by utilizing its fertile soils and became well known for tobacco and tomatoes among other crops. While a large percentage of the land in the township remains in agricultural production, the chart below shows that by 1990 only 4.5% of the population was engaged in farming. By the 2000 Census, this had declined to 2% of the population.

Comparing the actual 1990 and 2000 Census counts with the population projections from the 1990 Plan, it can be seen that those projections were fairly accurate.

With regard to population by age group, the data indicates that past trends of an aging population have continued. Both the 25-54 age group and the 55 and over age group

increased as a percentage of the total population. This factor is important in planning park land acquisitions and in designing park facilities.

The percentage of owner occupied units has also risen in the past twenty years. The previous report showed 74% of the dwelling units in the township were owner occupied; now that percentage is 78%. This compares with the Lancaster County percentage of 53% owner occupied dwelling units. Other housing data indicate that the median house value has increased from \$52,700 to \$117,200, but that median gross rent has gone from \$194 per month to \$571 per month.

The level of education has also increased since the last report. The percentage of the population with a high school education has risen from 67.7% to 85.2% since 1980. And the percentage of the population with 4+ years of college has gone from 16.7% to 22.3%. The final socio-economic factor is that minorities now account for 4.6% of the population as compared to 3.7% in 1990.

These demographic and socio-economic factors, along with the survey and public in-pup information, can be very helpful to the township in planning for the recreational needs of the residents.

Land Use

The following section describes the existing land use pattern within Manor Township and then discusses projected needs for guiding expected growth. Being able to visualize the existing land use patterns is a valuable tool in understanding the interrelationships of land use, and by planning to guide future growth, recreation and open space needs can be more easily anticipated.

Existing Land Use

Residency in Manor Township is currently concentrated in the northeast quadrant and along the Susquehanna River in the Washington Borough area. Development has radiated from the intersection of Columbia Avenue and Stonemill Road in two directions: 1) along Columbia Avenue westward toward Mountville Borough, and 2) in a southerly direction along the border of Millersville Borough. Some scattered residential development has also occurred in the township in the form of single lots or small lot subdivisions. In the past three decades, developed land in the township has increased from 2,432 acres to 7,258 acres. In spite of this growth, the 1999 Manor Township Comprehensive Plan indicates that nearly 77% of the township remains in agricultural and open space uses. (See map 4A)

Zoning

The current Zoning ordinance currently dictates that the current land use pattern will continue, with higher density primarily in the northeast quadrant and low density uses in the remainder of the township. Zoning has aided in shaping this land use pattern by

guiding development, through regulated ordinances, to concentrated areas within the township. (See map 4B)

Future Land Use

The “Growing Together, Comprehensive Plan for Central Lancaster County,” was adopted as the comprehensive plan for the township on April 2, 2007. This document projects an additional 2,400 housing units in Manor Township by the year 2030. This is a 37% increase in the total number of housing units. In order to accommodate this expected demand and meet the goals of the plan and the township of keeping new development in the northeast quadrant, a gross residential density of 6.5 units per acre must be achieved. By way of comparison, the most recent subdivision approved by Manor Township, Stonemill Estates, also had an overall gross residential density of approximately 6.5 units per acre. (See map 4C)

If this density can be achieved over the next 20 years, recreation needs in the township will continue to rise as more people move into the township. In support of the projected recreation needs associated with this future development, the township has adopted a Subdivision and Land Development Ordinance that requires new residential developments to provide recreation land at a rate of .039 acres per unit. This should provide adequate land for the recreational needs of future residents.

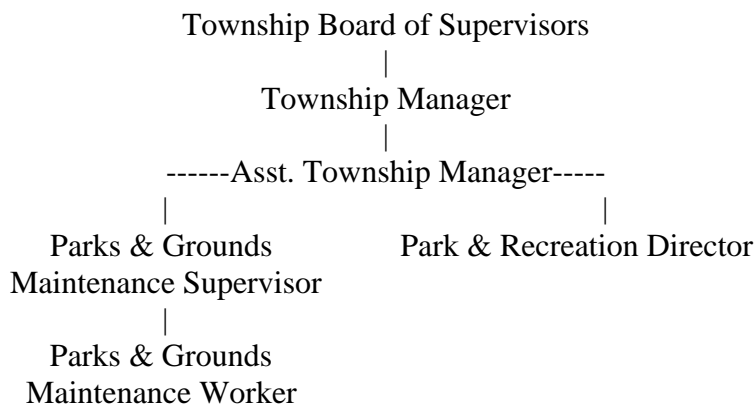
Public Sewer

Sewer service is provided by the Lancaster Area Sewer Authority (LASA) throughout the township, and the Millersville Borough Authority in the in the Crossgates Community, south of Millersville. Public Sewer helps to direct development in the township since having public sewer service is more economical to development than other means. Knowing this will help the township when trying to estimate where development in the township will most likely occur, and in turn, can gear recreational facilities and programs in those areas. The areas in the township that are served by LASA can be seen on Map 4D: Sewer Service Areas.

PARK & RECREATION SYSTEM PROFILE

Recreation Administration

Manor Township's park and recreation activities are dealt with by a number of individuals. The first set is the Park & Recreation Board. Their purpose is to advise and direct the township's park and recreation matters. This 6 member board forms the foundation of parks and recreation in Manor Township. Other positions within the structure of Manor Township Parks are a director, and maintenance supervisor. The organization chart below shows how park and recreation work flows through the township.



A sample job description of one of the maintenance positions is included to show much of the criteria included with approval for a job within Manor Township and its parks department.

The current make-up and organization of the park personnel in Manor Township is adequate for the current level of service it provides. A park & recreation board allows citizens the chance to have a direct input, while the township employing a dedicated Recreation director, allows for the work required to be efficiently handled and taken care of. In addition to the positions above, there are approximately 5-10 summer volunteers employed with the township to help with the summer program that takes place every year.

Public Communication

The township park and recreation board meets regularly on one Monday every other month. This meeting is open to the public and is the method through which information emanates from the board to the public. Other communication to the public includes a township newsletter (which was used to distribute the citizen surveys), as well as the Manor Township website www.manortwp.org.

Cooperative Efforts

The township works cooperatively with a number of agencies. The Penn Manor School District, which encompasses all of Manor Township provides extensive recreational opportunities at the schools located both within and outside of the township. Through the Youth Athletic Organization (described later in this report), organizations not directly related to the school within Manor Township, can still utilize facilities and operate programs at school district grounds.

Through the commonwealth system of government, the township has numerous governing bodies above it. One of these is the Lancaster County Planning Commission. This body has provided numerous guides and plans to help steer the municipalities in the right direction. The “Growing Together” regional plan, that was instituted just recently provides a framework that Manor Township has adopted. This park and recreation report takes much of the data used in that report to formulate goals and present current information and future projections.

Maintenance and Security

Good maintenance practices are important for public park areas and recreation facilities for four reasons:

- Increased Safety for Visitors – Public safety is an essential concern; proper maintenance of park areas and recreation facilities helps the municipality manage risk by avoiding unnecessary injuries. The Townships are less likely to be sued for negligence if staff routinely check for unsafe conditions and then promptly correct hazardous situations.
- More Facility Use By the Public – Well-maintained facilities are frequented more often. Residents are only able to enjoy their park visits if facilities and equipment are maintained in useful condition.
- Less Vandalism – Well-maintained facilities are usually less vandalized. Vandalism should be corrected as soon as possible, and proper maintenance procedures allow that to happen.
- A More Attractive Municipality – Well-maintained public park areas and recreation facilities help to develop a positive image for the Townships, making them places people want to live.

As described in the administration section above, Manor Township has maintenance positions specifically for parks and grounds. This is one of the keys to why park users responded so positively on the user surveys. With dedicated staff, the grounds are never left in disrepair or a state that makes them less desirable than those around them.

It is important for the parks board to recognize how important this really is; because if the township ever had to choose between expanding facilities, or maintenance, it is better to have a few very clean, well-used parks, then a number of less safe, less clean parks.

To reduce the frequency and severity of playground injuries the American Society for Testing and Materials (ASTM) and the Consumer Product Safety Commission (CPSC)

has developed safety standards for manufacturing, installation, and inspection of playground equipment and safety surfacing. These standards have been continually refined over the past two decades and have evolved into nationally recognized voluntary standards and guidelines for the playgrounds.

The following standards and guidelines are used as the basis for the safety audits:

ASTM F-1487-98: Standard Consumer Safety Performance Specification for Playground Equipment for Public Use.

ASTM F-1292-99: Standard Specification for Impact Attenuation of Surface Systems Under and Around Playground Equipment.

CPSC: Handbook for Public Playground Safety.

Playground Hazard Priority Categories: The safety audits categorize hazards in a prioritized manner based on criteria developed by the National Park Service for removal of existing hazards. Categories include:

Hazard Classification Category Description

- 1). Class A Hazard a condition that is life threatening or can cause severe, permanent disability.
- 2). Class B Hazard a condition likely to cause serious injury, resulting in temporary disability.
- 3). Class C hazards a condition likely to cause minor (non disabling) injury or does not meet CPSC or ASTM recommendations for playground safety.

Park Rules & Regulations

Manor Parks have a basic rules and regulation policy with many of them posted on signs at the entrance to the parks. These rules and regulations should be maintained, and the signs in the parks kept free of obstructions so that they are clear and legible to all park users.

Accessibility

The Americans with Disabilities Act of 1990 (ADA) specifies that reasonable accommodations must be provided to people with disabilities who are interested in participating in community recreation programs. The ADA also requires all public facilities to be accessible to all people. This includes the following: barrier-free entries and exits, access to seating areas, barrier-free access to service areas such as restrooms and concession stands, exits near vehicle parking spaces, designated parking spots for users with physical disabilities and accessible drinking fountains. The ADA was written to guarantee equal opportunities for persons with disabilities. Under the ADA, if any new park areas or recreation facilities are constructed, or any alterations are made to existing areas and facilities, they must be made accessible. Also, the Townships must ensure that persons with disabilities are not excluded from services because existing park areas and recreation facilities are inaccessible. The ADA specifies that reasonable accommodations

must be provided to people with disabilities who are interested in participating in community recreation programs and enjoying park areas and recreation facilities.

Inventory & Analysis

This section contains an inventory of existing recreation and open space facilities available to Manor Township residents. It includes facilities owned by the township as well as facilities owned by the school district, various churches, private entities and other public organizations. Also included in this inventory are recreation facilities that are near the township boundary but not actually in Manor Township. (See maps 5A, & 5B)

Following the inventory of existing facilities is an analysis of the general condition and use, compliance with safety regulations, compliance with the Americans with Disabilities Act and whether or not the facility is obsolete or no longer appropriate for the surrounding residents.

Types of Parks

Parks are categorized into four different types: Regional, Community, Neighborhood, and Linear. There are no stand-alone tot-lots in the township. Equipment appropriate to a tot-lot has been incorporated into several township parks as well as school and church recreation areas. And this should be the case in the future as well. For purposes of this report tot-lots are not considered as a separate category.

Regional Parks

Summarizing information from the LIMC Growing Together, Parks and Open Space Plan, Regional Parks generally contain 100-400 acres.

Manor Township contains facilities that could be considered regional because they serve a regional market. These are: the Conestoga Golf Course and Country Club, Crossgates Country Club, Leisure Lanes bowling alley, driving range and mini-golf course, the Lancaster Boys and Girls Club Park and Greenway, the Central Manor Camp and Bible Conference, the Chanastocka Nature Preserve and Sanctuary, the Boyer Nature Preserve, The Turkey Hill Trail, Enola Low-Grade Line, and the Safe Harbor Park and Arboretum.

In addition, Lancaster County contains other regional recreation land in State Parks, State Forest Lands, State Game Lands and County Parks totaling over 10,000 acres. These facilities in total provide ample regional recreation opportunities for Manor Township residents now and in the foreseeable future.

Community Parks

The second type of park is a Community Park, which contains 15-50 acres and serves a population between 5,000 and 10,000. These parks serve a population within a 2-4 mile radius and generally contain a high level of recreation facilities. Included in these

improvements are multiple sets of athletic fields and courts; some of these parks also contain swimming pools and indoor recreation centers/gymnasiums. Larger school sites also qualify as community parks.

The community parks that are township owned include: Charlestown Road/Manor Township Park (31.2 acres), Creswell Park (24.4 acres), and John G. Herr Park (22.1 acres). Other Community Parks are: Penn Manor High School (32.2 acres), Penn Manor Middle School (50 acres), Comet Field (11 acres), Millersville Lions Pool (5.6 acres), Millersville University recreation facilities, Conestoga Creek Park – Safe Harbor (22.7 acres), Froelich Park – Mountville (24.4 acres), Millersville Borough Freedom Park (21 acres), and Manor Church/Daniel’s Den (18.4 acres).

The acreage for community parks is: township owned – 77.7 acres, and township and school district combined – 170.9 acres. Adding the other community parks easily accessible by township residents brings the total to 263 acres, plus all the recreation facilities of Millersville University.

Neighborhood Parks

Neighborhood Parks are the next type of park in the township. These are generally 4 acres to 15 acres in size and serve a population up to 5,000 people. The recommended service area for a Neighborhood Park is .25 of a mile to 1 mile. Generally, this type park contains playgrounds, passive recreation opportunities and limited athletic activities.

Neighborhood parks which are township owned are: Greider Park (16.4 acres), Washington Borough Park (4.2 acres), Municipal Office Campus Park (9 acres), Woods Edge Park (24.1 acres). Other Neighborhood Parks are: Hambright School (6 acres), Central Manor School (9.3 acres), Ann LeTort School (11.5 acres), Eshelman School (12.7 acres), Lockhard Park – Mountville (2.5 acres), plus 8 churches (68.2 acres).

Linear Parks and Preserves

The last type of recreation area in this inventory is Linear Parks and Preserves. The PRPA does not recommend a minimum size per 1,000 population for Linear Parks. It recognizes that these facilities are dependent on the natural features of an area which can be transformed into such uses; Manor Township contains numerous opportunities for Linear Parks and Preserves.

The following are existing examples of linear parks and preserves: Little Conestoga Greenway, Springdale Greenway, Maple Grove Park, Boys and Girls Club Greenway, the Safe Harbor properties, Manor Oaks Park, and the Lancaster County Conservancy preserves.

Additional possibilities for future development exist. A few areas to consider are: The Conestoga River, the West Branch of The Little Conestoga, Indian Run, Wittmer Run, PPL lands, Wissler’s Run, Mann’s Run, Fisherman’s Run, and Fry’s Run.

Park Land Acreage

The Community Park size recommended by the Growing Together Comprehensive Plan is 5-8 acres per 1,000 for Community Parks. Taking the mid-point of this range at 6.5 acres per 1,000 along with the township’s projected population of 21,514 in 2030 yields a suggested acreage in Community Parks of 139.8 acres.

Therefore, in quantity of Community Park land in Manor Township shows a deficit of 62.1 acres in 2030. The 1990 township recreation plan recommended a community park in the LeTort Manor/Perth Hills area. With growth also continuing to occur along Columbia Avenue, another location for a community park is the Mountville area.

The acreage for neighborhood parks is 53.7 acres for township-owned. Adding school district and then church land, the totals are 95.7 acres and 163.9 acres, respectively. The Growing Together Comprehensive Plan recommends 1-2 acres per 1,000 for neighborhood parks. Using this standard and the 2030 projected population of 21,514, the township should have 22-43 acres in neighborhood parks. The township should therefore have sufficient land for this type of park heading into the future. The chart below illustrates these numbers.

Park Land Analysis

	Existing Acres	Recommended Acres 2000 Population (16,498)	2000 Deficit (-) Excess (+)	Recommended Acres 2030 Population (21,514)	2030 Deficit (-) Excess(+)
Parks					
Community	77.7	107.2	(-) 29.5	139.8	(-) 62.1
Neighborhood	53.7	33	(+) 20.7	43	(+) 10.7

Park Inventory

An inventory of public, semi-public, and privately accessible parks has been compiled and is presented in the following pages. This inventory is to enable the township to quickly find or review any of the facilities and park apparatus located within the township.

Public Parks

Manor Parks	Conestoga Creek Park (Safe Harbor Park)	Charlestown Road Park (Manor Twp Park)	Creswell Park	John G. Herr Park	Greider Park	Washington Boro Lions Park	Manor Oaks Park	Municipal Office Campus	Woods Edge Park
Ownership & Maintenance	Safe Harbor Community	Manor Twp Community	Manor Twp Community	Manor Twp Community	Manor Twp Neighborhood	Manor Twp Neighborhood	Manor Oaks Neighborhood	Manor Twp Neighborhood	Manor Twp Neighborhood
Park Type	Safe Harbor Community	Manor Twp Community	Manor Twp Community	Manor Twp Community	Manor Twp Neighborhood	Manor Twp Neighborhood	Manor Oaks Neighborhood	Manor Twp Neighborhood	Manor Twp Neighborhood
Acres	>20.3	31	24	22	16	4	5	9	24
Baseball Diamonds	2	2			1	1		1	
Softball diamonds	2	2			2	1		w/ baseball	
basketball courts (hoops)		3			2	1			
basketball hoops (minis)									
volleyball courts	3								
tennis courts	2								
soccer/field hockey			1	1					
paved path	yes	yes		yes	yes	yes		yes	
open play areas	yes	yes	yes	yes	yes	yes		yes	yes
gymsnasiums									
big toys									
swimming pools (waders)									
climbing equipment	1	6			6	6			3
rocking horses		6			4	2			
swingsets	1	8			4	2			1
sliding boards	1	3			3	3			3
merry-go-rounds					1	1			
4-square courts					1	1			
bike racks		yes			yes				
seesaws					1				
picnic pavilions	yes	yes			yes	yes			yes
picnic tables	yes	yes			yes	yes			yes
restrooms	yes	yes			yes	yes			
drinking fountain	yes	yes			yes	yes			
other	BBQ pits	park benches, BBQ grills, parking lot		park benches, Lacrosse	1 shuffleboard, 5 park benches, 2 parking lots, lights	lights, 2 benches			playground equipment, pavillion, 4 park benches

Schools

Park Name	Hambright Elementary School	Central Manor Elem. School	Ann Letort Elem. School	Manor Middle School
Ownership & Maintenance	Penn Manor SD Neighborhood	Penn Manor SD Neighborhood	Penn Manor SD Neighborhood	Penn Manor SD Community
Park Type	Neighborhood	Neighborhood	Neighborhood	Community
Acres	6	9.3	11.5	50
Baseball Diamonds		1		2
Softball diamonds	1	1	1	1
basketball courts (hoops)	1	2	1	2
basketball hoops (minis)				
volleyball courts		1		2
tennis courts				2
soccer/field hockey		1	1	5
paved path				
open play areas	yes	yes	yes	yes
gymnasiums	inside	inside	inside	inside
big toys				
swimming pools (waders)				
climbing equipment	5	3	3	
rocking horses		3		
swingsets	1	2	2	
sliding boards	2	2		
merry-go-rounds				
4-square courts		3	2	
bike racks		yes	yes	yes
seesaws				
picnic pavilions				
picnic tables	yes		yes	yes
restrooms	inside	inside	inside	inside
drinking fountain				yes
other	3 park benches	10 benches, funnel ball	funnel ball, park benches	lights, football field

Private Recreation

Parks	Conestoga Country Club	Crossgates Country Club	Leisure Lanes & Park	Boys & Girls Club Greenway Club
Ownership & Maintenance	Conestoga Country Club Regional	Crossgates Country Club Regional	Leisure Lanes Regional	Boys & Girls Club of Lancaster County Regional
Park Type	Regional	Regional	Regional	Regional
Acres	96.7	207.79	83.31	164.5
Baseball Diamonds				
Softball diamonds				
basketball courts (hoops)	1	1		
basketball hoops (minis)				
volleyball courts				
tennis courts		2		
soccer/field hockey				
paved path				
open play areas				
gymnasiums				
big toys				
swimming pools (waders)	1			
climbing equipment				
rocking horses				
swingsets	1			
sliding boards				
merry-go-rounds				
4-square courts				
bike racks				
seesaws				
picnic pavilions	yes			
picnic tables				
restrooms				
drinking fountain				
other	18-hole golf course, club house	18-hole golf course, club house,	Bowling Alley, Driving Range, Mini-golf	

Churches										
Park Name	Bethel Menonite Church	Faith Bible Fellowship	Grace Baptist of Millersville	Masonville Menonite	Creswell Evan.	Stehman Church	Manor Brethren in Christ/Daniel's Den	Central Manor Church of God		
Ownership & Maintenance	Bethel Menonite Neighborhood	Faith Bible Fellowship Neighborhood	Baptist Church Neighborhood	Mennonite Church Neighborhood	Creswell Evangelical Neighborhood	Stehman Methodist Neighborhood	Manor Brethren in Christ Neighborhood	Central Manor Church of God Neighborhood		
Park Type	Neighborhood	Neighborhood	Neighborhood	Neighborhood	Neighborhood	Neighborhood	Neighborhood	Neighborhood		
Acreage	0.96	23	4.5	5	3	8.1	18.4	5.2		
Baseball Diamonds						yes				
Softball diamonds		yes								
basketball courts (hoops)			yes				yes			
basketball hoops (minis)					yes	yes				
volleyball courts					yes					
tennis courts										
soccer/field hockey										
paved path							yes			
open play areas			yes		yes		yes	yes		
gymsnasiums							inside	inside		
big toys										
swimming pools (waders)										
climbing equipment							yes	yes		
rocking horses										
swingsets				yes		yes	yes	yes		
sliding boards				yes		yes	yes	yes		
merry-go-rounds										
4-square courts										
bike racks										
seesaws						yes				
picnic pavilions				yes		yes	yes	yes		
picnic tables	yes				yes	yes	yes	yes		
restrooms										
drinking fountain										
other										

Periphery Parks

Park Name	Penn Manor High	Eshelman Elem. School	Comet Field	Millersville University	Millersville Lions Pool	Freedom Memorial Park	Maple Grove Community Park	Froelich Park	Lockahard Park
Ownership & Maintenance	Penn Manor SD Community	Penn Manor SD Neighborhood	Penn Manor SD Community	Commonwealth of Pennsylvania Community	Lions Club Community	Millersville Borough Community	Lancaster Township Neighborhood	Mountville Borough Neighborhood	Mountville Borough Community
Park Type									
Acreage	32.2	12.7	11	120.32	5.6	21.18	5.93	24.4	2.5
Baseball Diamonds			2	1		1		2	
Softball diamonds		2		1				1	
basketball courts (hoops)	1	1		3	1	2		1	
basketball hoops (minis)									
volleyball courts									
tennis courts	3			6		2			
soccer/field hockey		2	5	2					
paved path									yes
open play areas			yes	yes	yes	yes	yes	yes	yes
gymnasiums	inside			yes	yes	yes	yes	yes	yes
big toys		inside		yes					
swimming pools (waders)									
climbing equipment				2	1			1	
rocking horses					1	1			1
swingsets						1			1
sliding boards						1			1
merry-go-rounds						2			1
4-square courts						1			
bike racks									
seesaws		yes		yes	yes	yes			1
picnic pavilions									1
picnic tables				yes	yes	yes	1	1	yes
restrooms	inside		yes	yes	yes	yes	inside	yes	
drinking fountain			yes			yes			
other	football, track	funnel ball, picnic tables, park benches, lacrosse	Rec Building				Community Building		BBQ pits

Passive Recreation

Name	Central Manor Bible Camp	Little Conestoga Greenway	Springdale Greenway	Rockhill Access	Blue Rock Access	Slackwater Access	TT Draft Bridge
Owner	Central Manor Bible Camp	Manor Township	Manor Township	PA Fish & Boat Commission	Manor Twp	PA Fish & Boat Commission	Safe Harbor Power Company
Acres	16.1	3.7	29.5	5.9	Right of Way	Right of Way	8.5
Notes							

Name	Turkey Hill Trail	Lowgrade Rail Trail	Chansatocka Nat. Preserve	Chansatocka Nat. Sanctuary	Boyer Nature Preserve	Safe Harbor Arboretum
Owner	Lancaster County Nature Conservancy	To be determined	Lancaster County Nature Conservancy	Lancaster County Nature Conservancy	Lancaster County Nature Conservancy	Safe Harbor Power Company
Acres	Approx. 77.84	To be determined	12.1	26.5	9.5	18.1
Notes	Approx. Acres include trail and trail head	Not yet built				

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RECREATION PROGRAMS

Existing recreation programs within Manor Township include the township sponsored Summer Recreation Program as well as a number of sport-specific programs, most of these are operated under the umbrella of the Youth Athletic Organizations.

The township's Summer Recreation Program is offered at Manor Township Community Park, Greider Park and Millersville Park. The program is offered for 8-10 weeks, generally from the second week in June until August 1st, and operates Monday through Friday from 9:00AM to 4:00PM. Attendance usually ranges from 200-300 children and is open to elementary school children ages 6-12 years old.

Youth Athletic Organizations (YAO) is a mechanism to coordinate the use of Penn Manor School District recreation facilities by local organizations. YAO was established over 10 years ago and serves as a clearinghouse for reserving the use of school district facilities. It is currently run out of the Assistant Superintendent's office.

YAO member organizations pay no rental fee for use of facilities during school hours. A fee is charged for off-hours use to cover the cost of a custodian, but no off-hour fee is charged for outdoor use.

Non-members are able to rent school facilities, but they are charged a substantial fee that is purposely higher than most private health clubs to discourage their use. This leaves more times available for facilities use by YAO members and school-related activities. All organizations are required to provide a certificate of insurance.

Organizations that are currently members of YAO include:

- Penn Manor Soccer Club
- Manor Ridge Baseball
- Penn Manor Baseball & Softball Association
- Lacrosse League
- Volleyball Club
- Junior Comets Football
- PM Rec Basketball

One other major program offered by Manor Township is the Turkey Hill Classic. This is a bike/run/walk fundraiser held once a year in the township. This program draws many residents and outdoor enthusiasts. This program has generally increased in size over the years that it has been offered, whilst the off-years have been mainly due to outside forces such as rain or temperatures.

The only other regular activity that takes place at Manor Township parks is private parties that rent out the pavilions. Some of the groups that have regularly utilized the township's facilities include:

- Rotary Club
- Alumni Organizations
- Doctor's Offices
- Other School Districts

FINANCES

Current

Funding for Manor Twp. Parks and Recreation come from a variety of sources. These include general budget funding from tax revenues, grants, and rental/user fees. From these funds, the Park & Recreation board allocates the funds to a variety of recreational and park needs. A breakdown of how fiscal year 2007 was spent is shown below.

Salaries:	\$136,550
Materials/Supplies:	\$36,193
General Expense:	\$34,050
Maintenance/Repair	\$15,953
Total Expenditures:	\$216,840
Total Park Revenues:	\$18,697
Final Total:	\$-190,663

The total operating budget for the township in 2007 was \$4,447,375; therefore, approximately 4.3% of the current general fund goes toward park and recreation spending. It is important to also compare more than 1 year of funding due to non-recurring issues that may affect funding either positively or negatively. The following shows the percentage of the general fund that went toward park and recreation expenses for the past 5 years. Note that any park revenues have been subtracted out of an equal portion of the park & recreation expenditures

Year	2008 (ytd)	2007	2006	2005	2004
Park & Recreation Expenditures	\$117,799	\$190,663	\$216,994	\$188,020	\$194,767
General Fund Expenditures	\$4,846,848	\$4,447,375	\$4,103,591	\$3,903,525	\$3,977,464
% of General Fund	2.4%	4.3%	5.2%	4.8%	4.9%

Based on the totals above you can see that funding for parks has decreased over the past few years. It is important to also breakdown where the funding for parks is going so that it is easier to analyze why the percentage has gone down. Another breakdown below, shows where the park money is being allocated since 2004.

Year	2008 ytd	2007	2006	2005	2004
Salaries	\$109,095	\$136,550	\$140,160	\$132,809	\$129,739
Material/Supplies	\$17,450	\$36,193	\$29,734	\$19,861	\$32,288
General Expense	\$2,100	\$28,144	\$37,548	\$32,053	\$29,431
Maintenance/Repair	\$7,851	\$15,953	\$19,621	\$11,891	\$15,991

This table shows that no one item has really fluctuated greatly between years. In the case of maintenance/supplies, the cost dropped off in 2005, but by 2007, was above its 2004 numbers.

Using the percentages presented, the Park & Recreation Board of Manor Township should expect an average of 4.8% of the general fund to go toward Park & Recreation activities. This gives the board an idea going into a year, the dollar amount that it will most likely be able to work around.

Another source of income for major projects is the capital fund. This is for major projects within the township. Manor Township receives approximately \$1,000,000 per year plus interest in capital revenue from a landfill that is located in the southern area of the township. This money then goes to major improvements and projects within the township. As far as parks and recreation go, capital funds have been used for its benefit. Below is the expenditures within the township for park related projects that have come from the capital fund since 2004.

Year	2008 ytd	2007	2006	2005	2004
Capital Fund Expense	\$55,700 (budgeted)	\$20,414	\$10,963	\$7,457	\$12,320

Funding has increased greatly for parks and recreation over the past 4 years. This is of course, dependant on major projects taking place within the township; so this number can fluctuate greatly from year to year.

As discussed above, part of the budgeting for the parks and recreation aspect come from projected park related revenues. Revenues come from user fees, rentals, and memorials. A breakdown of the total revenues for parks and recreation is shown below. The revenues brought in are a result of some of the following: \$25 Pavillion rental, \$100 memorials, and registration fees for the Turkey Hill Classic, and the Summer Playground in the Park Program with the fees for this varying based on number of registrations and if it is a resident or non-resident of Manor Township.

Year	2008 ytd	2007	2006	2005	2004
Revenue	\$18,697	\$26,177	\$10,069	\$8,594	\$12,682

Since 2005, revenues have continuously increased for the township. It is imperative that this number remain constant, or increase lest the general fund have to be hit harder for park & recreation finances.

One form of additional revenue that has just been recently added is the “Deferred Revenue Fund.” This source of income is the fee in-lieu-of that developers pay to the township in exchange for reduced or no dedication of land to the township for park & recreation use. As of 2008, the township currently has \$17,000 stored away in this fund. This is an excellent source for taking projects just a little bit further, or covering for small, unanticipated items.

As far back as 2004, Manor Township operates with seemingly little fluctuation in the revenues and expenses for parks and recreation. Based on the surveys conducted as well as the general maintenance of the parks, the money currently being allocated to parks and recreation is sufficient for what is currently being expected of the township.

Funding The Recommendations

As the township moves forward, it is important to analyze the current fees it charges for its facilities. The board must be sure that fees, while not adversely affecting public use, are providing enough revenue to help defray additional park and recreation expenditures.

A nice safety net that the parks department currently has working in its favor is a variety of sources that it can pull money from.

- General Fund (currently 4.3%)
- Capital Fund (currently 5.6%)
- General Park Revenues (currently \$18,697)
- Deferred Revenue Fund (currently \$17,000)

In all, the park and recreation department looks to be financially sound. It is important to note however, that the money located in the capital fund and deferred revenue fund may not always be at their present level, and if general park revenues drop, the township could be left with a large burden for parks and recreation. It is for this reason that the township should begin to aggressively seek Federal, State, County, and private grants and funds to increase staffing levels, expand recreation programs and make park improvements. Collaboration and partnerships with other organizations will be essential, particularly to obtain grant funds.

Many grants and foundation sources exist that could fund park and recreation projects and programs. The following list should serve as a starting point. It is by no means all-inclusive.

Federal Grants

U.S. Environmental Protection Agency Environmental Education Grants program supports environmental education projects that enhance the public's awareness, knowledge, and skills to make informed, responsible decisions that affect environmental quality. \$3 million available each year.
(www.epa.gov/enviroed/grants.html)

U.S. Department of Transportation Congestion Mitigation and Air Quality Improvement (CMAQ) program, authorized by TEA-21, provides funds to reduce transportation-related emissions and improve air quality. Trails designed for transportation as well as recreation are eligible. States select projects.
(www.fhwa.dot.gov/environment/cmaq.htm)

U.S. Department of Justice provides information on crime and violence prevention grants that can be used to support recreation programs.

(www.ojp.usdoj.gov/fundopps.htm)

U.S. Department of Education provides information on grants to apply for in cooperation with school districts.

(www.ed.gov/funding.html)

U.S. Department of Health and Human Services provides information on available grants such as drug prevention, preschool programs, exercise programs, and so on, that can be used to fund recreation programs that improve health.

(www.hhs.gov/agencies/grants.html)

Federal Grants Clearinghouse provides information on hundreds of federal grants that can be used to support youth recreation programs.

(www.afterschool.gov/fed.html)

Other websites for federal grant resources:

Catalog of Federal Domestic Assistance, www.cfda.gov

Conservation Technology Support Program, www.ctsp.org

Computers for Learning, www.computers.fed.gov/school/user.asp

Department of Energy, www.energy.gov/community/sub/invovled.htm

Department of Labor, www.dol.gov/dol/oasam/public/grants/main.htm

Federal Commons Grants Portal, www.cfda.gov/federalcommons

Federal Nonprofit Gateway, www.nonprofit.gov

Federal Register, www.access.gpo/su_docs/aces140.htm

Health and Human Services GrantsNet, www.hhs.gov/grantsnet

Substance Abuse and Mental Health Services Administration,

www.samsha.gov/grants/grnats.html

Federal Funds Express, www.house.gov/ffr/Grants_other.htm

The Watershed Academy, www.epa.gov/OWOW/watershed/wacademy/fund.html

State Grants

State and County Grants for Parks, Recreation, Greenways and Open Space Conservation

Community Conservation Partnership Grant Program - This program is the primary source of State aid for parks, recreation and open space initiatives in Pennsylvania. Applications are accepted once per year for 50/50 matching grants through the Pennsylvania Department of Conservation and Natural Resources (DCNR). It is a highly competitive program and total funds available are subject to year-to-year changes in the State's budgetary outlook. Major funding categories are as follows:

Planning and Technical Assistance

- Planning Projects
- Comprehensive Recreation, Park and Open Space Plans
- Conservation Plans
- County Natural Area Inventories
- Feasibility Studies
- Greenways and Trails Plans
- Rails-to-Trails Plans
- Master Site Plans
- Rivers Conservation Plans
- Technical Assistance Projects
- Education and Training
- Circuit Rider
- Peer-to-Peer

Acquisition Projects

- Park and Recreation Areas
- Greenways, Trails and Rivers Conservation
- Rails-to-Trails
- Natural and Critical Habitat Areas

Development Projects

- Park and Recreation Areas
- Greenways and Trails
- Rails-to-Trails
- Rivers Conservation

Federally Funded Projects

- Land and Water Conservation Fund (LWCF) Projects
- Pennsylvania Recreational Trails

Federally-Funded/State-Administered Grants

U.S. Department of Agriculture Summer Food Service Program (SFSP) provides funding for breakfast, lunch, and snacks for children ages 18 and under at summer playgrounds, camps, and other recreation programs. Child and Adult Care Food Program (CACFP) provide meals and snacks for after school and evening youth recreation programs. Administered by the Pennsylvania Department of Education. (www.frac.org)

Pennsylvania Department of Transportation Enhancement Projects - The Federal Inter-Modal Surface Transportation Efficiency Act (ISTEA) allocated approximately \$4.7 million per year for six years to Pennsylvania for use in Enhancement Projects. Enhancement Projects involve transportation-related activities outside of the traditional highway construction and mass transit projects. In 1998, Congress extended this program for another six years and substantially increased the total funding available by enacting the Transportation Equity Act for the 21st Century (TEA-21).

The program is administered by the Pennsylvania Department of Transportation (PennDOT) under a cooperative agreement with the Federal Highway Administration. Construction phases are eligible for 100% grant funding. 80% funding is offered for planning, design and acquisition. There are twelve funding categories for projects that “enhance the transportation experience”:

- Facilities for pedestrians and bicycles
- Safety and educational activities for pedestrians and bicyclists
- Acquisition of scenic easements of historic sites related to transportation
- Scenic or historic programs, including tourist and welcome center facilities
- Landscaping or other scenic beautification
- Historic preservation
- Rehabilitation or operation of historic transportation buildings, structures or facilities (including historic railroad facilities and canals)
- Preservation of abandoned railway corridors (including the conversion and use thereof for pedestrian or bicycle trails)
- Control and removal of outdoor advertising
- Archaeological planning and research
- Mitigation of water pollution due to highway runoff or reduction of vehicle-caused wildlife mortality while maintaining habitat connectivity
- Enhancement of transportation museums

Pennsylvania Legislative Initiative Program - This program provides wide discretion to many State legislators to award limited amounts of State funds for worthy projects in their home district. However, because the money can be used for such a wide variety of community-oriented uses, it cannot be counted upon as a regular source for park, recreation and open space funds. There are no specific guidelines regarding what types of projects can be funded, who may apply or the maximum amount that can be provided. The application process varies from district to district. State legislators can seek the

grants annually. Traditionally, the best time to submit a request has been between January and June when the annual Pennsylvania State budget is being formulated.

Foundation Grants

Target Stores and Tiger Woods Foundation provide Start Something Scholarships for youth to use for summer camps, music lessons, sports equipment, travel expenses, and so on. Program enrollment forms are available at Target stores.
(www.startsomething.target.com)

American Legacy Foundation Initiative for Tobacco Control in Priority Populations provides grants of up to \$200,000 for anti-smoking projects. (202-293-5960)

National Fish and Wildlife Foundation provides grants for conservation and environmental education projects. (www.nfwf.org/programs/programs.htm)

Pew Charitable Trust provides grants in a number of program areas including environment, culture, and health and human services. (www.pewtrusts.com/grants)

Three Guineas Fund supports projects to benefit women and girls. (www.3gf.org)

UPS Foundation Community Investment Grant program allocates dollars to UPS region offices to invest in their communities.
(www.community.ups.com/community/causes/us_relations/index.htm)

Women's Supportive of Communications technology is a collection of funding information on how to get technology resources. (www.womenssportsfoundation.org)

Funders Supportive of Communications technology is a collection of funding information on how to get technology resources. (www.benton.org/Practice/Toolkit/techmoney.html)

The Foundation Center's Finding Funders provides access to web sites for private foundations, corporate grantmakers, grantmaking public charities, and community foundations. (www.fdncenter.org/funders)

Other resources for Foundation grants:

The Foundation Center's RFP Bulletin, www.fdncenter.org/pnd/rfp/index.html
The Foundation Center's Grantmakers Website,
www.fdncenter.org/funders/grantmaker/index.html

The Internet Nonprofit Center, www.nonprofits.org

The Grantsmanship Center's Community Foundation by State,
www.tgci.com/resources/foundationscommunity/com_pa.html

Non-Government Grants

Pennsylvania Recreation and Park Society (PRPS) RecTAP program provides technical assistance grants of up to \$1,500 to help recreation and park departments with specific issues. No matching funds are required. (www.prps.org)

Bikes Belong Coalition provides grants of up to \$10,000 to assist agencies on developing bicycle facilities projects that will be funded by TEA-21. (www.bikesbelong.org)

National Gardening Association Youth Garden Grants of over \$750 are available for seeds, tools, and gardening supplies for children to learn and work in outdoor gardens. (www.kidsgardening.com/grants.asp)

NFL Community Football Fields Program provides grants of up to \$100,000 for capital improvement projects to improve or create quality, safe local football fields in low and moderate-income neighborhoods. (212-455-9881)

NFL Youth Football Fund provides grants of \$500 to \$2,500 to purchase equipment, repair fields, establish new football programs, and improve existing programs. (www.nrpa.org)

American Forests provides tree-planting assistance with Global ReLeaf, an ecosystem restoration grant program, which includes urban and community forests. (www.americanforests.org/global/releaf/grants/grants_eval_criteria.html)

National Programs

Smokey Bear program encourages children to take an active role on protecting forestland and the animal that live in the forest from wildfires. (www.symblos.gov or www.smokeybear.com/hom_main.html)

Woodsy Owl Program encourages children to develop a sense of responsibility and compassion for the natural world through hands-on land stewardship activities. (www.symblos.gov or www.s.fed.us/spf/woodsy)

National Center for Recreation and Conservation, Bureau of Land Management offers activity books and lesson plans to introduce environmental education to children. (www.blm.gov/education/00_resources/index.html)

National Center for Recreation and Conservation, Bureau of Land Management offers activity books, lesson plans, posters, articles, and general information on heritage education. (www.blm.gov/heritage/he.htm)

Endangered and Threatened Species Program, U.S. Fish and Wildlife Service offers educational materials about the preservation and protection of wildlife, biodiversity, and habitat conservation. (www.endangered.fws.gov/education/index.html)

American Forests sponsors A Tree for Every Child, an environmental education program for children that stresses the benefits and rewards of planting trees.

(www.americanforests.org/global_releaf/earth_day_promo.html)

Boat U.S. Foundation for Boating Safety and Clean Water offers brochures and posters on pollution prevention tips and littering on land and water. (1-800-BOAT-USA)

America the Beautiful Fund provides free flower, vegetable, and herb seeds to plant Freedom Gardens and across America. (www.freeseeds.org)

NBA, WNBA, Gatorade, and Nike offer Jr. NBA and Jr. WNBA programs at no cost to recreational youth basketball leagues. (1-800-JRHOOPS)

JumpStart After School, sponsored by the National Recreation and Park Association, provides a hands-on manual full of fun activities to get kids active and eating healthy foods. (www.nrpa.org)

S & S Crafts Worldwide sponsors the Chalk It Up! Program, which offers communities a kit containing sidewalk chalk, certificates of achievement, instruction booklets, and full-color posters to plan, run, and publicize events. (1-800-642-7354)

Let's Play Sport Coordinator's Manual is a comprehensive resource to implement introductory sport programs for elementary age youth in 16 sports. (www.nrpa.org)

Hershey Foods Corporation offer the Hershey Track and Field Program, a series of local, regional, state, and national track and field competition for children ages 9 to 14. (www.nrpa.org)

Active Options is a free program resource guide to develop fitness programs for older adults from the National Recreation and Park Association. (www.nrpa.org)

Flaghouse, Inc. offers Catch Recreation, a resource compendium that provides hundreds of youth activities promoting physical activity, including a recreation leader's guide. (1-800-793-7900)

Pool Cool Program is a sun-safety, skin cancer prevention program focusing on informing children about sun-safety practices during swim lesson, utilizing lesson plans and poolside activities. The American Cancer Society and National Recreation and Park Association sponsor Pool Cool. (www.nrpa.org)

U.S. Lacrosse offers a loan kit program that provides field sticks and goalie sticks, plus a dozen balls to keep, at no cost for communities interested in starting lacrosse programs. (www.lacrosse.org)

Hooked on Fishing International sponsors the Kids All-American Fishing Derby, which provides a complete kit and guidebook to conduct a fishing derby, with prizes, posters, tote bags, decals, and more. (918-459-9529)

PARK USER INTERVIEWS

The key components of the public participation portion of this update are: 1) the Steering Committee, 2) Park User Interviews, 3) Township Resident Questionnaire, 4) Key Person Interviews, and 5) Public Meetings.

One trend that was noticed throughout much of the public participation sections, is the desire for more recreation program and facility, but not at the cost of tax increases. It is important to note this because the township must carefully balance recreation within the income it brings in. If it must raise taxes, then no matter how well planned a recreation program or facility may be, it runs the risk of being received negatively due to the burden of cost. The township might first try grants, partnerships with other communities or private entities, or restructuring of the recreation budget to meet these demands. Tax increases, as evidenced by the response should be employed only if absolutely necessary.

Field Interviews

Over the course of 4 weeks, during the summer of 2007, DM/A went to 5 township parks at a variety of times to interview park users at each park. The surveys were conducted using questions provided by the Parks and Recreation Board as well as 2 park-specific questions added before the start of the interviews.

The 5 parks were: Creswell, Greider, Herr, Manor Municipal, & Washington Boro parks. The latter 4 parks were all completed as stated above. Creswell Park, however, proved much more difficult. A total of 8 trips to Creswell Park were taken, and there were no park users present at any of the times.

The method used to obtain answers consisted of 2 members of DM/A traveling out to the individual parks at random times throughout the day, most commonly between 8AM-6PM. Park users were approached and asked to simply answer a few questions about the park they were currently utilizing.

Greider Park

Greider Park was one of the more diverse parks. The 10 people who answered questions ranged from pre-teens to retirees, and active users to passive users. The responses given at this park reflect a broad range of people in the township. This was one of the most informative of the 4 parks surveyed. This was aided by the multitude of different types of activities at the park; such as pavilions, playground equipment, and athletic fields.

Herr Park

Herr Park was one of the more difficult parks to complete. It was hard to interview people because the primary activity at Herr Park is the walking trail. Eight of the 10 park users surveyed were walkers, while the other 2 were practicing soccer on one of the fields. Many of the answers received were very common with other users we surveyed at

this park. The surveys from this park were certainly not as diverse as Greider or Manor Municipal. The people surveyed were generally young adults running for sport, or retired citizens walking the trail for exercise.

Manor Municipal Park

Like Greider Park, Manor Municipal provided a much wider range of park users. The 10 people surveyed ranged from high school teens to retired persons. This park may have reflected even more diversely than Greider just because all 10 people surveyed were interviewed at different times while doing different activities. Some of those activities were: reading on a park bench, walking a dog, playing basketball, using playground equipment, and preparing for an organized picnic at one of the pavilions.

Washington Boro Park

This park was a bit of an anomaly since 50% of those surveyed lived outside the township. Two were from the borough of Columbia, 1 from Millersville, 1 from Mt. Joy, and 1 from East Prospect, York County. It made it more difficult to get a good answer on the questions concerning the future of the parks and programs, but it was certainly still very helpful. It also shows that people from not only within Washington Boro, but those visiting friends, or just looking for a nice quiet place to relax also utilize this park. The majority of users in this park were mothers and fathers with their children. A number of the people commented on the amount of playground equipment and its good condition as a primary reason they chose to bring their children to this park.

Creswell Park

As mentioned, there is no data from Creswell Park due to the lack of users at any of the times the surveys were conducted at this park. The main issue with this park is that it did not present any individual uses. The athletic fields are meant for team sport activities, and there are no other recreational uses here.

The complete list of park user surveys can be found in Appendix A

Resident Questionnaire

The Manor Township Park and Recreation Board, decided that in addition to the park users survey conducted at each of the township parks it was important to mail a questionnaire to all township residents. The questionnaire was inserted in the township newsletter and mailed during the summer of 2007. (The questionnaire and complete results are contained in Appendix B.)

Approximately 95 completed questionnaires were tallied and used as a representative figure. The responses were evenly distributed across the township, but the ages of the respondents were heavily weighted in 40 years and over age categories. As in the park user surveys, respondents to the questionnaire supported any funding sources but tax

increases The questionnaire also asked what interest residents had in potential new recreational facilities. The most interest was shown for a fitness center, and then in order, were community center, community pool, dog park and skateboard park.

The most popular activity found in the surveys was the utilization of the walking paths – nearly double the number of participants who used playground equipment. In terms of future programs, the clear favorite was concerts/movies in the parks. Second on the list was a near tie between arts/crafts programs and nature classes.

Key Person Interviews

Key persons from the following organizations were interviewed for input into this Plan update:

- Penn Manor Athletic Association
- Manor Ridge Athletic Association
- Youth Athletic Organization
- Penn Manor School District
- Blue Rock Heritage Foundation
- Manor Township Recreation Superintendent
- Manor Township Planning Commission
- Greenways Partnership Advisory Board
- Lancaster County Conservancy
- Lancaster County Planning Commission
- Lancaster Historic Trust
- Lancaster – York Heritage Region

A summary of the Key Persons Interviews follows.

Penn Manor Athletic Association

- Everyone is a volunteer, even umpires.
- Maintenance is a difficult problem.
- Need a central complex with 4 ball-fields, including a field house for off-season instruction.
- Township Parks & Recreation Board could serve as an umbrella for all sports and recreation organizations.

Manor Ridge Athletic Association

- Boys and girls, age 4-18, 22 teams, 3 levels in each age group
- Season is mid-March to end of June
- Fall ball is mid-August to end of October
- Last 3 years: 15%-20% increase per year
- T-ball in particular is expanding
- All teams travel
- Need at least one field with lights

Penn Manor School District

- School Board is very athletically minded
- Receive tipping fees from Solid Waste Authority
- Building at Comet Field is lockers rooms and coaches offices
- Need gym space for field hockey, lacrosse, street hockey and meeting rooms
- Swimming pool: rent time from Millersville University – can only get 1 hour/day
- Also use football stadium at Millersville University
- Developer could donate land for a rec center – would not have to have a weight room

Blue Rock Heritage Center

- Next priority is footbridge to Old Mill
- Could serve as a trailhead for hiking/biking, as well as for water trails – with new Township boat dock
- Susquehanna River provides birding opportunities, too
- LASA owns 300 acres – a resource that could be developed for recreation and open space

Manor Township Recreation Superintendent

- Need one more employee – could share with Road Crew
- Need a park in Perth Hills/LeTort area
- Township does not need anymore “pocket parks”
- Manor Park needs more parking
- Between Township personnel and baseball coaches/volunteers the condition of the baseball fields is kept at a high level
- Potential soccer fields on LASA land in Washington Borough
- Holtwood dam area – use land for recreation and/or natural, wooded area
- Other sports, e.g. lacrosse, need more fields
- No more flat land available for fields at any of the current parks
- Participation is declining at the summer recreation program
- Parks are used hard so it is hard work to keep maintenance up, but visiting teams compliment the Township on the quality of the fields
- Some minor, but growing, graffiti problems – continuous removal
- Some parks get regional use, e.g. Clipper Magazine employees have their annual company softball tournament at Greider Park

Manor Township Planning Commission

- Greenway network needed: easements along all waterways by subdivision ordinance
- Require sidewalks – Planning Commission priority is connections
- Walking trail needed along Creek Road to Boyer Nature Reserve
- Implement the Conestoga Greenways Plan
- Two types of greenways: 1) hiking/biking/horse, and 2) preservation
- Improvements needed to Springdale Greenway for walking

Greenways Partnership Advisory Board

- School District should send a representative to the LIMC meetings
- Do not count Conestoga County Club as a regional park in tabulation of land needed
- Acquire more land in LeTort and Mountville areas and expand private park off Hershey Mill Road
- Develop trail along the Susquehanna River
- All waterways need buffers from cows, etc
- Township needs an environmental advisory council
- River Hills area needs a land survey of locate private, PPL and Norfolk Southern property lines
- Little Conestoga River – preserve for boating
- Boat Access – do not leave to Fish and Boat Commission to provide
- Add to map – Blue Rock Access
- Help with map of loop trail(s) of history for bikers
- Continue good cooperation with Conservancy; coordinate on boat launches, too
- Scenic Road designation – County level model ordinance
- Coordinate with PPL and Norfolk Southern
- Boat launches: LeTort, Little Conestoga Rive, Charlestown Park, Boys and Girls Club, Safe Harbor, Slack Water, Rock Hill, and Creek Road
- Springdale Greenway: access points not marked, no exit. Connect with Manor Park
- Steep slope protection
- Flood plain protection
- Mill Creek – potential for boating
- Safe Routes to Schools as funding source
- Biking: need shoulders cleared of litter on regular basis
- Land beside Middle School is available for a Township Park
- Zoning should not allow self storage (and all its impervious surfaces) in an Open Space zoning district
- Natural Landmark designation lost due to utilities; need to reclaim this designation

Lancaster County Conservancy

- Chanastocka Nature Preserve and Sanctuary – sold to private owner with conservation easement
- Turkey Hill Trail
- Need buffers along trails, too
- Need access points along the Susquehanna River
- Armstrong Headquarters land – plan for development included an arboretum and another plan included a baseball complex at South Centerville Road and Charlestown Road
- Utilize utility company lands
- Preserve islands

Lancaster County Planning Commission

- Best location for additional park land is within the Urban Growth Boundary; better to buy the land now and pay down over time as fees-in-lieu are collected
- Low Grade Line: have to take the bridge, too
- County Byways Program: Township needs a Management Plan (from “Scenic Byways” Program by PennDOT)
- Conservancy to acquire 3,500 acres from PPL; PPL to lease back for management of existing recreation facilities, e.g. boat launches, ball-fields, etc.
- Conestoga Trail: easement on Boys and Girls Club land; different from Conestoga Greenways.
- Township should review PPL land for possible purchase
- Add trail connection from Creswell north to Columbia and Northwest Trail
- Utility company-owned land in Manor Township totals 541 acres
- Safe Harbor will pick up boaters and portage them around Safe Harbor Dam
- Need primitive camping areas for through boaters
- Observation Tower needed in Washington Borough for bird watching
- Need interpretive panel at Blue Rock Mill now
- County parkland recommendation is 10 acres per 1,000 of population for locally owned parks, i.e. total of community and neighborhood parks

Historic Preservation Trust

- Rieber House: inside to be restored; could be an educational facility, e.g. Indian artifacts; could be connected to Susquehanna River Trail
- Low Grade Trail also has historic value in stone bridges
- Re: Low Grade, County could work with “friendly” Townships on demonstration projects
- Partner with Millersville University and MU students
- Cultivate relationships with farmers to donate/sell their land for recreation

Lancaster-York Heritage Region

- Recreation as an economic development tool
- Implementation dollars from DCNR: 50/50
- Projects: Susquehanna River Trail with 21 Interpretive Panels, Susquehanna Heritage Park, and River Road Excursion
- Suggestion for Plan – View-shed from Manor Township across the River
- Audubon Society and birding areas
- Rookeries also available for hunting
- Where are landfill funds going?

Community Meetings

The Manor Township Park & Recreation Board came together as a study committee to help advise, and direct the contents of this plan. To help make the process faster, and more efficient, the Board allowed DM/A Planning Group time at its public meetings to present, at various stages, the progress of the report as well as take questions and comments. These meetings are open to the public and regularly scheduled every other month. These meetings did not field what could be considered a large number of residents; however quite a few did come and their comments and concerns were heard and taken into consideration. At the conclusion of this process, the township will advertise the completion of the report as a draft, and make it available to any resident to view at the township office.

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RECOMMENDATIONS

Overview

With all the background data as well as ideas from township citizens, important parties involved, and township staff, the next step is to lay out a framework that allows the township to efficiently meet the goals that this report, and the Park & Recreation board have set forth.

To better manage the assets of Manor Township, the following matrix has been provided to help direct the township toward accomplishing the goals in a specific timeframe so as to cohesively and smoothly implement each piece.

Goal 1-Recreation, Parks and Open Space Administration Manor Township will continue to operate the recreation, parks and open space system in an efficient, safe and cost-effective manner, while maintaining high standards.				
Project Key ✓ - Start Project ⇨ - Continue Implementation	Responsible Party	Immediate	3 to 5 Years	5 to 10 Years
Review Park & Recreation Director job description/list of duties	Park & Recreation (P&R) Board	✓		
Review need for additional full-time staff to aid in department administration.	P&R Board, Township		⇨	⇨
Provide annual report to Supervisors	P&R Director	✓	⇨	⇨
Develop a parks, recreation and open space orientation process for new officials.	P&R Board, Director		✓	⇨
Purchase/Develop web-based scheduling/reservation system for facilities and programming	P&R Board, Township	✓	⇨	⇨
Review and update initiatives of this Plan.	P&R Board, Director			⇨

Goal 2-Public Relations and Communication				
<p>Manor Township will effectively communicate information about Park & Recreation goals, policies, programs and facilities among the township's residents, customers, staff , partnering agencies and other groups to build community awareness of the value of recreation opportunities as important factors in improving the quality of life of citizens, by increasing public knowledge and support of an encouraging the public's use of Park and recreation areas greenways entrails, recreation facilities and recreation programs.</p>				
Project	Responsible Party	Immediate	3 to 5 Years	5 to 10 Years
Key ✓- Start Project ⇔- Continue Implementation				
Promote and improve communications, identify opportunities for collaboration, and establish network within member communities.	P&R Board, Director	✓	⇔	⇔
Continue to publish a regional recreation program guide that includes recreation programs and special events held in the region's member communities.	Township	✓	⇔	⇔
Mail both guides as an insert to municipal newsletters and upload the guides onto the municipal websites. Distribute the guides at various locations within the municipality.	Township		✓	⇔
Coordinate joint meetings for all youth sports organizations as well as school district	P&R Board, Director		✓	⇔
Develop a Mission Statement that represents Manor Township and explains the goals of the Park and Recreation Board	P&R Board	✓		
Provide space in municipal newsletters for information on recreation programs and special events sponsored by community groups.	Township	✓	⇔	⇔

Goal 3-Parkland and Recreation Facilities -				
Manor Township will provide quality neighborhood and community parks that are readily accessible to residents throughout the township's service area.				
Project	Responsible Party	Immediate	3 to 5 Years	5 to 10 Years
Key ✓- Start Project ⇨- Continue Implementation				
Monitor development plans within the member communities to acquire additional neighborhood and community parkland.	P&R Director	✓	⇨	⇨
Encourage developers to dedicate land and/or improved (for recreation) land within developments.	P&R Director	✓	⇨	⇨
Apply for grants for the preparation of site specific master plans for acquired neighborhood and community parkland.	P&R Board, P&R Director	✓	⇨	⇨
Encourage private facility owners/program providers to improve and maintain facilities to the same level as public entities.	P&R Board P&R Director		✓	⇨
Plan, budget, seek grants, and/or improve existing parks and school facilities to minimum levels of acceptance.	P&R Board, P&R Director		✓	⇨
Assist Planning Commission with Land Development to ensure maximum parkland potential	P&R Director	✓	⇨	⇨
Monitor need for additional parkland as a result of new or expanded municipal and/or school buildings.	P&R Board, P&R Director	✓	⇨	⇨

Goal 4-Recreation Programs -				
Manor Township will provide quality recreation facilities and programs for the township's residence of all ages, cultural backgrounds, abilities and income levels at municipally-owned park areas and recreation facilities.				
Project	Responsible Party	Immediate	3 to 5 Years	5 to 10 Years
Key ✓- Start Project ⇨- Continue Implementation				
Develop written policy for the review of existing programs and for the consideration of new/expanded programs. Consider implementation of Program Cycle.	P&R Board	✓		
Promote recreation provided regardless of ability to pay and standardize means by which those who cannot pay are able to participate.	P&R Board	⇨	⇨	⇨
If not already in place, encourage youth sports organizations to adopt a code of ethics and conduct.	P&R Board	✓	⇨	⇨
Continue to facilitate the provision of community recreation services by others.	P&R Board	⇨	⇨	⇨
Interact with the YAO, and also take initiative in promoting more township sponsored recreation programs. (The Turkey Hill Classic is a perfect example of this)	P&R Board		✓	⇨
Promote Non-traditional Recreation Activities	P&R Board	✓	⇨	⇨

Goal 5-Recreation, Parks, and Open Space Finances -				
Manor Township will provide value and efficient service delivery for taxpayers, patrons and others who helped fund township activities, and pursue adequate financing and partnerships to support the operation, maintenance, development and future acquisition of park and open space areas and recreation facilities, and provision of recreation programs and services.				
Project	Responsible Party	Immediate	3 to 5 Years	5 to 10 Years
Key ✓- Start Project ⇨- Continue Implementation				
Pursue grant applications to augment municipal funding.	P&R Board, Director	✓	⇨	⇨
Continue to provide revenue-producing programs that are self-supporting.	P&R Board	⇨	⇨	⇨
Adopt criteria for determining what capital projects Manor Township should pursue	P&R Board		✓	⇨

Goal 6- Park and Open Space Maintenance and Security –				
Manor Township will incorporate principles of environmental and financial sustainability into the design, operation, improvement, and maintenance of township parks in open space areas and recreation facilities.				
Project	Responsible Party	Immediate	3 to 5 Years	5 to 10 Years
Key ✓- Start Project ⇨- Continue Implementation				
Continue to develop standardized inspection schedule and forms and methods to resolve safety and use issues, including playground inspection program.	P&R Board	✓	⇨	⇨
Increase staffing as needed to maintain park areas, open spaces and recreation facilities at a high standard as needed.	P&R Board		✓	⇨
Develop opportunities for shared/jointly purchased maintenance equipment.	P&R Board, Township	✓	⇨	⇨
Promote partnerships with private organizations to build and maintain athletic fields and park facilities.	P&R Board			✓

Further Recommendations

Aside from those listed above, there are a number of specific recommendations that require more detail. Below is presented further recommendations for both active and passive recreation, staffing, and the prospect of a recreation facility.

Recreation Facility

The survey results showed that many residents would enjoy a variety of hobby-like activities such as arts & crafts, and classes for nature, dance, and computers. Attempting to provide these activities at various locations in the township at different times can become somewhat scattered, as well as confusing to some residents who may not be aware of an activity being offered in another location. It may also require the leasing of a non-township owned building for the time being used for these activities.

These instructional courses are one reason that a recreation facility should be planned for Manor Township. A facility would provide the means to keep a variety of activities at a variety of different times all centralized in one location. This would help in streamlining sign-ups, fees (if applicable), and organization for the residents and also minimize the resources the township will need to use to operate these activities.

Another trend from the surveys was that respondents would like to be able to have an indoor facility where they can participate in active recreation. Manor Township currently provides many outdoor athletic opportunities, which include: basketball, disc golf, volleyball, baseball/softball, soccer, and a few others. These are easy to put in for the township since they require little more than grounds maintenance to keep in working order. Indoor facilities require building upkeep, lighting, and security measures for when the building is not in use and will also need other maintenance that is not regularly required of outdoor facilities. By itself, active recreation may not justify a new recreation facility; however with the above mentioned instructional/passive recreational opportunities, a facility could certainly help the township in achieving its goals of providing adequate recreation for its residents. This facility would provide the residents with a multitude of active recreational opportunities including but not limited to: open gym basketball/volleyball, dodgeball, fitness classes, floor hockey, and self defense courses.

Other reasons that a recreation facility would be useful to Manor Township include:

- Central storage area for township owned recreation equipment
- Possible conference facility that could also act as an overflow meeting room for other township meetings and business
- An anchor for a future park to be built around
- Possible future township run sports/activities would have a defined location to operate without having to first seek approval from a school or other private entity. (eg: seasonal team sports leagues, athletic clinics, special weekend events...)

With many of the township needs being addressed by one recreation facility, it is important that this be one of the top priorities when trying to determine what can be done to improve recreation in Manor Township.

Passive Recreation

Passive recreation is any recreation that involves little more than walking/jogging. Some common passive recreational activities are: walking paths, nature preserves, natural hiking trails, picnicking, etc...

Much like active recreation, having the best facilities and equipment will always make the location more desirable to users. With passive recreation, the landscape and natural area around it are what is most desirable, and Manor Township is fortunate to have an abundance of varied natural landscapes.

The township already has a number of passive recreation trails set up, and a few large scale areas to consider for linear trails have already been presented. (see map 6C) This section will recommend some further opportunities for passive recreation.

Waterways are the township's greatest asset for building linear paths and trails. With floodplain regulations, very little, other than recreational trails, can be built in these areas,

and they provide a long, uninterrupted corridor that allows a linkage to other parks or trails throughout the township. There are 3 primary waterways that would be beneficial for the township to focus upon.

The first is the Conestoga River. This is one of the primary waterways in Lancaster County, and although it doesn't have quite as much territory as some other creeks in Manor Township, it is a link to other recreational activities in municipalities that lie upstream. There are also a few features already stationed along the creek that would help attract more residents. Safe Harbor Park lies at the confluence of Conestoga Creek and the Susquehanna River. There is also a Fish & Boat Commission dock near the Millersville border called Slackwater. If used in conjunction with the Little Conestoga Creek, (discussed in the next paragraph), it would also then be a trail crossing for users to branch to the other trail.

The second waterway that would be important to use is the Little Conestoga Creek. This creek forms the border with Lancaster Township, and runs down to the Conestoga Creek between Slackwater and Safe Harbor. This creek already has a number of recreational opportunities that include starting from the north: Little Conestoga Greenway, Conestoga Country Club, Manor Twp Municipal Park (which also owns a significant area of coastline along the creek already), Springdale Greenway, and the Boyer Nature Preserve. With this much land already dedicated to passive recreation, it is only in the township's best interest to try and acquire as much land, or right of ways on the Little Conestoga as possible.

The third waterway, is the west branch of the Little Conestoga. This waterway would work well since it is in a more central location than the other 2, and it also already has some passive recreation established on its banks. The Chansatocka Nature Sanctuary sits about half way from the Mountville border to the confluence with the Little Conestoga. With development increasing in the north-central areas of the township, this creek would provide an excellent passive recreational opportunity for the future inflow of residents. As previously mentioned, this stream also qualifies for trout stocking, so fishing would be easily incorporated into any land dedicated for recreation along this stream.

Another means of passive recreation trails is through right-of-ways that could be acquired through various public and private utility and industrial entities. As of this report, it has not been 100% completed, but the PPL Corporation has finished a deal that will provide a significant amount of land to the township and Lancaster Conservancy to use for recreation. It is important to always be vigilant for opportunities like these. They provide wonderful passive recreation for the residents of Washington Boro and all of western Manor Township. The Turkey Hill Trail is a perfect example of excellent use of right-of-ways, and this same model should be applied to any other lands that may come into the hands of the township in the future.

A last aspect of passive recreation to consider is the fishing access along the township's waters. The Conestoga Creek, and the Susquehanna River both have fishing access. The township does not own any of the fishing areas along the Conestoga at this time, but

should work with the Fish & Boat Commission to keep these areas active and usable for all fishermen. With the Blue Rock Rd Access Area cleared, and prepared to be used as a Susquehanna River access point, it is important for the township to also build up, and utilize its other right of way points along the Susquehanna.

Active Recreation

The third component to focus upon is active recreation. Very little is needed in the way of new active recreation. If a recreation facility is erected, it will create plenty of new active recreational opportunities, and maintaining what is already available is important. The only real expansion of active recreation should be the addition of one more community park in an area that is either growing in the number of residents, or is currently not being adequately served by any of the current parks in Manor Township. This park would have many of the same recreational equipment and areas as those found throughout other township parks.

Staffing

With the additions being made for the township, especially in the event of a recreation facility, staffing of the township's recreation program can become over-burdened and time consuming. This will quickly show through as although the quantity of recreation increases, the quality of the programs and equipment will begin to deteriorate.

The township should keep watch on the staffing abilities, and if in the future the amount of work required of its employees becomes time-consuming enough that quality begins to decline, the township should consider adding one part-time employee to assist with the day-to-day recreation work. This position would be a "Recreation Coordinator", and would simply assist with recreation work as an aid to the current park and recreation staff.