

Town of Wilmington

Open Space and Recreation Plan



July 2015

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ACRONYMS

ADA	Americans with Disabilities Act
AVIS	Andover Village Improvement Society
AWWA	American Water Works Association
CFS	cubic feet per second (refers to water flow)
CFSM	cubic feet per second per mile (refers to water flow)
CMR	Code of Massachusetts Regulations
CVP	certified vernal pool
CWRMP	Comprehensive Water Resources Management Plan
DAPL	dense aqueous phased liquid layer
DCR	Massachusetts Department of Conservation and Recreation
DEP	Massachusetts Department of Environmental Protection
EIR	Environmental Impact Report
EPA	United States Environmental Protection Agency
EOEA	Executive Office of Environmental Affairs, now called EEA
EEA	Executive Office of Energy and Environmental Affairs
MAPC	Metropolitan Area Planning Council
MBTA	Massachusetts Bay Transportation Authority
MCP	Massachusetts Contingency Plan
MEPA	Massachusetts Environmental Protection Agency
MGD	million gallons per day
MGL	Massachusetts General Laws
MMBA	Maple Meadow Brook Aquifer
MST	minimum streamflow threshold
MWRA	Massachusetts Water Resources Authority
NDMA	n-nitrosodimethylamine
NHESP	Natural Heritage and Endangered Species Program
NRHP	National Register of Historic Places
NSPC	North Suburban Planning Council (a subgroup of MAPC)
OSRP	Open Space and Recreation Plan
PVP	potential vernal pool
RAO	Response Action Outcome (related to clean up of contaminated sites)
USGS	United States Geological Service

Section 1: Plan Summary

The central themes running through the Wilmington Open Space and Recreation Plan are to provide active open space and recreation opportunities together with natural land conservation that preserve the character of the Town and enhance the lives of its citizens.

Vision Statement: The Town of Wilmington is a suburban community in a natural setting with woodlands and wetlands scattered around Town, creating a spacious, small Town character and quality of life. The Town will continue to preserve and acquire open space to maintain Wilmington's small Town character. Wilmington should be a place where there is a variety of open space that provides active and passive recreational opportunities to all age groups and interests.

To achieve that vision, the goals outlined in this plan build on community input from surveys, workshops and meeting. A five-year action plan outlines specific tasks associated with each goal. The goals are to:

- **Provide opportunities for mobility locally and regionally with walking and biking trails.**
- **Balance resources to meet open space demands and provide a variety of open space amenities for a full range of users and interests.**
- **Protect the Town's natural resources and open space areas that support water protection, flood management and essential wildlife habitat and ecosystems.**

Since the last Open Space and Recreation Plan, a number of projects that further the Town's goals have been undertaken:

- many playgrounds were updated with handicapped accessible features;
- a skate park was constructed;
- the Wilmington Town Forest Recreation and Management Plan was written and is being implemented;
- a Conservation Design Subdivision Bylaw was approved so land is set aside for open space in exchange for reduced lot sizes and setback requirements;
- the Healthy Wilmington Coalition was appointed which developed the Wilmington Walks program to promote walking on trails and establish connections between conservation lands;
- the Comprehensive Water Resource Management Plan/Environmental Impact Report was completed and is being implemented;
- a Stormwater Management By-law and implementation regulations were passed;
- a handicapped accessible fishing pier and improved drainage at Silver Lake were funded and implemented; and
- the amount of land overseen by the Conservation Commission has increased.

Section 2: Introduction

Statement of Purpose

This updated plan continues the work of the Town's Open Space Committee, Recreation Commission, and the Planning and Conservation Department to guide open space protection and recreation area management. It builds off previous open space planning efforts and lays out a work plan for the next five years.

The plan helps to ensure that the Town remains eligible for state funding for open space preservation and park improvement projects including Parkland Acquisitions and Renovations for Communities (PARC), Local Acquisitions for Natural Diversity (LAND), and the federal Land and Water Conservation Fund which are administered by the Massachusetts Executive Office of Energy and Environmental Affairs (EEA).

Planning Process and Public Participation

The purpose of this new Open Space and Recreation Plan (OSRP) is to update the Town's existing draft Plan, to evaluate current conditions and to plan for the future. In addition to become eligible for state grants, a Town's Open Space and Recreation Plan must be updated at five-year intervals and be approved by the State Department of Conservation Services.

The Town of Wilmington began the process of updating its last approved Open Space and Recreation Plan in 2006, but failed to move beyond the draft stage by 2008. While the Town accomplished much to protect and manage open space and recreational lands and facilities during that time, as outlined in Section 1, a comprehensive plan to guide those actions was not finalized and submitted to the state for approval.

A new effort to revise and update the 2008 draft Plan began in 2013. A committee was appointed and Brown Walker Planners, Inc. was hired to assist in updating the draft. Committee members include:

1. C. Michael Burns (Chair, Recreation Commission)
2. Beverly Shea (former Conservation Commissioner)
3. Judy Waterhouse (former Chair, OSRP Committee and former Chair, Conservation Commission)
4. Julie Flynn (Conservation Commission)
5. Michael Champoux (Board of Selectmen liaison)
6. Michael Fay (Wilmington Youth Sports)
7. Phyllis Genette (Chair, Commission on Disabilities)

The Committee was assisted by staff coordinators: Valerie Gingrich (Director of Planning and Conservation), Carole Hamilton (Former Director of Planning and Conservation), Winifred McGowan (Assistant Director of Planning and Conservation) and planning researcher Michael Vivaldi (Assistant Planner).

To develop a community vision and goals and solicit input on issues and opportunities for resource protection and the provision of open space and recreation, the Open Space and Recreation Plan Committee and consultant developed an outreach plan that included:

- Open Space Committee working meetings open to the public to help determine community goals, objectives, and strategies;
- A community-wide on-line survey marketed through the local paper, email distribution lists, and social media;
- A community-wide open space workshop in conjunction with the on-line survey to gather additional, more detailed feedback regarding the use of and demand for open space.
- Stakeholder interviews, conducted by the consultant to gain a greater understanding of issues and follow up on any identified opportunities and challenges; and
- A final public hearing to present the draft vision and recommendations and solicit input for recommended changes, additions and deletions.

Outreach activities were announced and advertised through the local paper, via email distribution lists, on-line and physical postings at various sites, and social media. The Open Space and Recreation Plan Committee also solicited public input by posting the draft Plan on-line for public review.

Section 3: Community Setting

Regional Context

Wilmington is a mixed residential, commercial, industrial, suburban community. It is located 16 miles north / northwest of Boston and 11 miles southeast of Lowell. The Town's location allows for ready access to multiple transportation modes. Interstates 495, 93 and 95 and Route 3 are within minutes of Wilmington. The Haverhill and Lowell MBTA commuter rail lines both make stops in Wilmington. Boston's Logan International Airport and South Station, terminus for the Amtrak rail line, are short commutes from Wilmington. Wilmington is a part of the 101 cities and towns in the Boston metropolitan area that are represented by the Metropolitan Area Planning Council (MAPC). MetroFuture, the regional development plan for Boston Metropolitan Area, includes goals and objectives related to smart growth, preservation of natural landscapes, economic development and general health. The goals and corresponding objectives included in this Plan very closely reflect two of MAPC's regional planning goals that were outlined in the Metrofuture plan. Wilmington's Plan prioritizes efforts to continue the **preservation of natural landscapes**, which define the character of Wilmington and many others of the region's small towns. The Wilmington Conservation Commission continues to acquire conservation land for resource protection and habitat. The Wilmington Planning Board has actively encouraged the use of conservation subdivisions, creating new public open space through private development. New conservation subdivisions along the Town of Burlington border are adding to the town and regional trail network with new public open space land. The Plan also **promotes healthy families** by taking steps to improve access to existing trails with mapping efforts and trail upgrades, connecting trails regionally, and creating new trails and access along the Middlesex Canal path, a shared regional resource. Walking and biking trails were very clearly the top priority expressed in the Town's 2015 online survey.

Since Wilmington historically developed as a farming community, large sections of the Town's 17 square miles remained undeveloped well into 20th century. As land availability decreased and value increased, there has been greater pressure for infill development. Wilmington's proximity to transportation modes, allowing easy access to points throughout New England and to the State's capital city, with major technology, financial services medical and educational institutions, added to the significant growth pressures on the community.

Wilmington's early growth coincided with the conclusion of World War II when a strong demand for housing occurred. The completion of Interstate 93 in the early 60's and Interstate 495 in the late 60's spurred growth. A strong economy in the mid 1980's and 1990's accelerated development across much of eastern Massachusetts. As land and housing prices have increased inside Route 128, businesses and homebuyers have come to Wilmington in search of affordable property. Factors such as the ability to live in a suburban setting, to send children to good public schools and to experience a low crime rate have undoubtedly played a role in this migration. Growth pressures have led to a significant reduction of open space in Wilmington. The consequence is less land available to satisfy the demands and needs of more people. For this reason, Wilmington has proactively administered new zoning regulations that permit higher densities at the Wilmington MBTA station and promote the preservation of open space through Conservation Design Subdivisions.

Transportation routes divide Wilmington, carrying traffic to Boston, Lowell, southern New Hampshire, and the Mass Turnpike. Employees throughout the region are drawn to

employment opportunities in industrial districts along Interstate 93 in the eastern section of Town. Traffic flows from Route 38 (Main Street), the Town's shopping area, from northern communities to I-95 and I-93. Industrial and commercial centers in Woburn and Burlington attract pass-through traffic along Routes 62, 38, and 129, sometimes spilling into residential streets.

Industrial pollution and nonpoint source pollution from roadways are potential threats to regional water supplies. Even though 83% of Wilmington's aquifer recharge areas are within the Town's boundaries, significant health impacts could result from contamination of the 17% of the recharge area outside of Town boundaries. Likewise, the drinking water supplies of downstream towns such as Reading, North Reading, Ipswich, Middleton, and Topsfield could be affected by land use and water consumption in Wilmington.

The Town is rich in water resources, as evidenced by the wetlands that cover 19% of the Town's total area. Groundwater aquifers underlying Wilmington supply the majority of the Town's drinking water, as well as that of neighboring and downstream communities (see Map 1). While ample supplies of drinking water were an important factor in encouraging development, the Town's water resources, due to industrial contamination, now impose limits on that development. Regional concerns about groundwater quality and quantity have increased as development has encroached on environmentally sensitive lands in Wilmington and surrounding communities. The Ipswich River, with its headwaters in Wilmington, demonstrates the impact of this development: in six years during the past two decades up to half of the river went dry, resulting in fish kills and other environmental damage. In 1997 the non-profit organization American Rivers, listed the Ipswich River as one of the top 20 Most Endangered Rivers in the United States due to flow conditions, and in 2001 the Massachusetts Water Resources Commission classified the river as "highly stressed." According to a report on Wilmington's water recharge areas prepared for the Town by IEP, Inc., the consultant concluded that increases in impermeable surface area and groundwater withdrawals throughout the watershed have contributed to the low flow of the river during summer months.

The Conservation Commission's efforts to protect a corridor along the Ipswich River and its tributaries complement similar efforts in neighboring communities. Reading and North Reading have protected land along the Ipswich River up to the Wilmington border. Burlington has protected areas bordering Wilmington at Mill Brook, Saw Mill Brook, and Lubbers Brook, and holds a conservation restriction near its reservoir on land in Wilmington. Kylie Estates Conservation Subdivision protects 16.7 acres along the Saw Mill Brook and abuts Burlington's 27 acres along the same Brook. Nearby, there is an additional 46-acre site which if developed as a residential Conservation Design Subdivision would protect more open space. A trail system has been proposed for Burlington's land along the Mill Brook/Ipswich River, and could be expanded into Wilmington's abutting 55-acre wildlife preserve. In the north of Town, the 156-acre Town Forest is another regional open space resource. Since the previous submission of this document, the Conservation Commission has overseen access improvements to the Town Forest, including a survey, inventory, and the development of a management plan to further the use of the Town Forest for passive recreation. The Town Forest is near trails at Andover's Foster's Pond and is used by residents of both towns. The Town Forest abuts Camp 40 Acres, a private camp serving youth throughout the region. The Town of Andover's proposed trail system will join trails at the Camp and Town Forest. The sandy beaches of Silver Lake draw residents from Tewksbury and other communities. Finally, the historic Middlesex Canal runs through Wilmington, and attracts visitors to see the first traction canal built in North America.

A number of goals have been identified which will impact neighboring communities. The Town will identify and pursue opportunities for the creation of multi-town trails. Such an opportunity exists in north Wilmington and the Foster's Pond section of Andover. The Bay Circuit Trail, a regional trail network that circumnavigates metropolitan Boston from Plum Island in the north to Duxbury in the south for a total of 190 miles, travels just north of Wilmington through Andover. Sixteen miles of the Bay Circuit Trail exist within Andover. Connecting to this trail system would permit Wilmington residents access to the system.

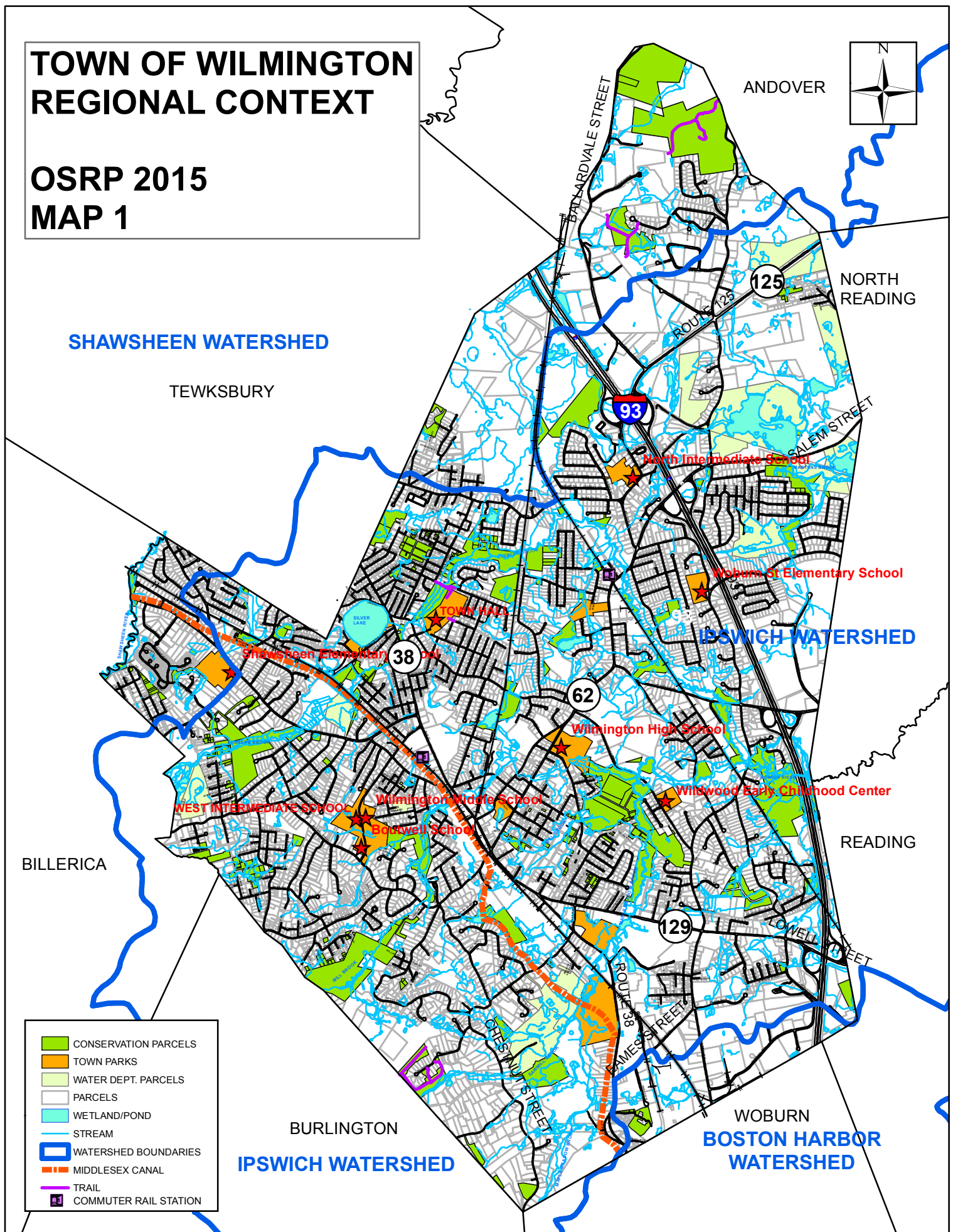
In light of the impact that water consumption has on the Ipswich River, efforts are being undertaken to educate the business and residential communities on the importance of using water judiciously. For example, the Wilmington Water & Sewer Commission voted unanimously to approve a Block Rate Method for billing each residential, commercial and industrial user to reduce water consumption, a method recommended by the MA Department of Environmental Protection. Effective November 1, 2007 water rates have been dependent on the amount of water used per quarterly billing cycle. As more water is consumed, the rate for the user increases. Recommended consumption by DEP is 65 gallons per day per person. Wilmington has now achieved one of the lowest consumption rates in the Commonwealth at approximately 55 gallons per day per person, according to Michael Woods, Wilmington Director of Public Works.

Wilmington is a member of the North Suburban Planning Council (NSPC), one of eight of the Metropolitan Area Planning Council's (MAPC) sub-regions. NSPC meets monthly to discuss sub-regional issues and provide an opportunity for the nine municipal planning directors to work cooperatively on common regional concerns, including transportation and open space issues and opportunities.

MAP 1: REGIONAL CONTEXT

TOWN OF WILMINGTON REGIONAL CONTEXT

OSRP 2015 MAP 1



History of the Community

Transportation played a major role in Wilmington's history. The Town was incorporated in 1730 because residents were tired of the long, winding journeys to public worship services in Reading or Woburn.¹ Because it was formed from outlying areas of surrounding communities, Wilmington did not develop around the traditional New England town common.

Agriculture also played a significant role. Wilmington's wet soils are "not generally celebrated," but respond to a "judicious cultivation."² Early settlers found agricultural success growing hops, giving 18th century Wilmington the nickname "Hoptown". Unfortunately, this success inspired such a "regional hop-fever"² among other New England farmers that prices plummeted, and Wilmington's farmers were forced to find other crops. A replacement was found in the cranberries that thrived in Wilmington's ubiquitous wetlands and bogs. Cranberries were a key contributor to the Town's economy throughout the nineteenth century and they continued to be grown throughout the early twentieth³.

The success of hops and cranberries in the 18th century inspired local officials and merchants such as Colonel Loammi Baldwin, first Sheriff of Middlesex County, to construct a canal between Chelmsford and Boston³. Construction on the Middlesex Canal began in 1794, and the first traction canal in North America was an important transportation route for the next 50 years. During this time Wilmington exported hops, cranberries, and lumber from Cedars of Lebanon and Ladderpole swamps.

Another important event in Wilmington's history occurred when an apple tree was noticed which had woodpeckers nesting in it on James Butter's farm. Loammi Baldwin gathered shoots from the tree and cultivated them at his farm. The Baldwin (or Woodpecker) Apple was cultivated extensively throughout the county, primarily for cider, and was considered "a veritable boon to the science of pomology and without peer as a winter fruit."⁴

The Middlesex Canal declined as the more efficient railways expanded to serve the towns of Middlesex County. In 1835 the Boston & Lowell line came through Wilmington, and was soon followed by the Boston & Maine and the Salem & Lowell.⁵

With relatively quick access from the urban centers of Lowell and Boston, Wilmington's Silver Lake became a summer resort attraction. Summertime populations doubled or even tripled around the lake as urban residents escaped the confines of the city. In addition to the summer residents, Silver Lake hosted a day camp for city kids and a Salvation Army Bible Camp.⁶

¹Eames, Lemuel C. Wilmington. In Drake, Samuel (Ed). 1874. History of Middlesex County. Boston: J.R. Osgood and Co.

² Eames, Lemuel C. Wilmington. In Drake, Samuel (Ed). 1874. History of Middlesex County. Boston: J.R. Osgood and Co.

³ Gould, Levi S. 1905. Ancient Middlesex. Somerville, MA: Somerville Journal Print.

⁴ Gould, Levi S. 1905. Ancient Middlesex. Somerville, MA: Somerville Journal Print.

⁵ Eames, Lemuel C. Wilmington. In Drake, Samuel (Ed). 1874. History of Middlesex County. Boston: J.R. Osgood and Co.

⁶ O'Reilly, Gerry (Ed). 1996. Wilmington: A Retrospective. Wilmington, MA: Wilmington Historical Commission.



The Depression of the 1930s turned many of those summer residences into permanent homes, and Wilmington began its transformation into a suburban community. The completion of Route 128 and Interstate 93 in the 1950s serviced and encouraged residential and industrial development in Wilmington, giving it the suburban industrial character seen today.⁷

Other public infrastructure both aided and responded to the town's development. The Town's first sewer was installed in Wilmington in 1957 along Woburn Street. Wilmington began constructing new school buildings in the mid-to-late 1950s and Wilmington Planning Board initiated Subdivision Control Law in 1957.

As early as the 1950's Wilmington officials were trying to balance the immediate needs and long-term objectives for the people to maintain Wilmington as a desirable community in which to live and to work. The Wilmington General Plan Report was published in July 1957 as a precursor for the Wilmington Master Plan which was developed in 1960. Forty years later, in 2001, a new Town Master Plan was developed to direct growth of residential, commercial and industrial development, and identify areas that should be rezoned to include a mixed-use district.

Wilmington has grown with the completion of Interstate 93 in the early 1960s and then the residential, commercial and industrial business that soon followed. After the completion of the highway and the construction of four interchanges within the boundaries of Wilmington the

⁷ Eliot, Charles W. 1970. Comprehensive General Plan: Report for Wilmington Planning Board.

Town designated the land surrounding the highway as industrial and zoned the land to prepare for then future development (1960 – 1980).

Large businesses took advantage of the Town’s transportation connection and available land. Textron (then known as AVCO) opened its doors in 1957 / 58. At the peak of its business in the 1970s, Textron employed approximately 2,000 employees. It has since dwindled to 450 employees in 2015. Analog Devices, Inc. opened its doors in 1971 with the acquisition of Nova Devices as part of a business transformation into semiconductors and employed approximately 70 people. In 2015, Analog Devices spans six buildings and employees approximately 2,000 people.

With two different commuter rail lines to Boston and several interchanges to Interstate 93, Wilmington has seen a dramatic increase in the amount of residential single family homes that have been constructed since 1960 when the highway was completed. With the development of affordable housing units through the State’s Comprehensive Permit process the Town has achieved 10% of its housing stock as affordable in the 2010 decennial census.

Commercial activity has followed the growth in residential housing. In 2008, Wilmington rezoned Fordham Road and Ballardvale Street to Highway Industrial (HI) thereby allowing ‘big box’ retail and other types of commercial activity along the highway and at the interchanges. To date, Target Store opened its doors in October 2013 and more types of retail are planned in that area in the near future.

The Town, aware of the need to meet community needs, recently purchased Yentile Farm for use as a recreation facility with an anticipated opening in the spring of 2016. Yentile Farm was operational from 1934 until 2005 when it ceased farming. In the height of its operational period, Yentile Farm operated as a dairy and vegetable farm, with its produce sold to the public from an on-site a farm stand.

Population Characteristics

POPULATION TRENDS

Railroad and highway development caused Wilmington’s population to quadruple between 1930 and 1990. The most intensive period of growth occurred in the 1950s and 1960s, but leveled off during the 1980’s, and spurted again in more recent years. The 1990 population of 17,654 increased to 22,325 in 2010, for average growth rate of over 13% per decade.

From the 2010 Decennial Census, the population is evenly divided among males and females. There were 10,949 males and 11,373 females in Wilmington. Wilmington’s population is 93.5% Caucasian.⁸ A cohort analysis, (illustrated in Figure 2.) of Wilmington’s 2020 population projection of 23,472 people show that male and female ratios are expected to be evenly dispersed until the age category of 80-84 years and older when female’s life expectancy is longer than for males.

⁸ Metropolitan Area Planning Council – Community Snapshot; December 2007.

Figure 1: 2010 Population by Age and Sex

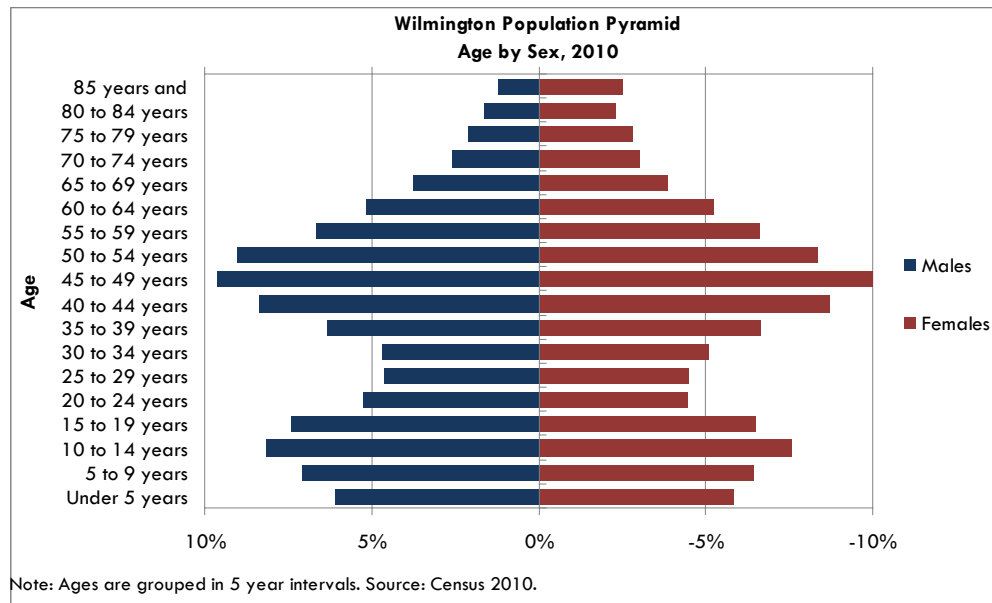
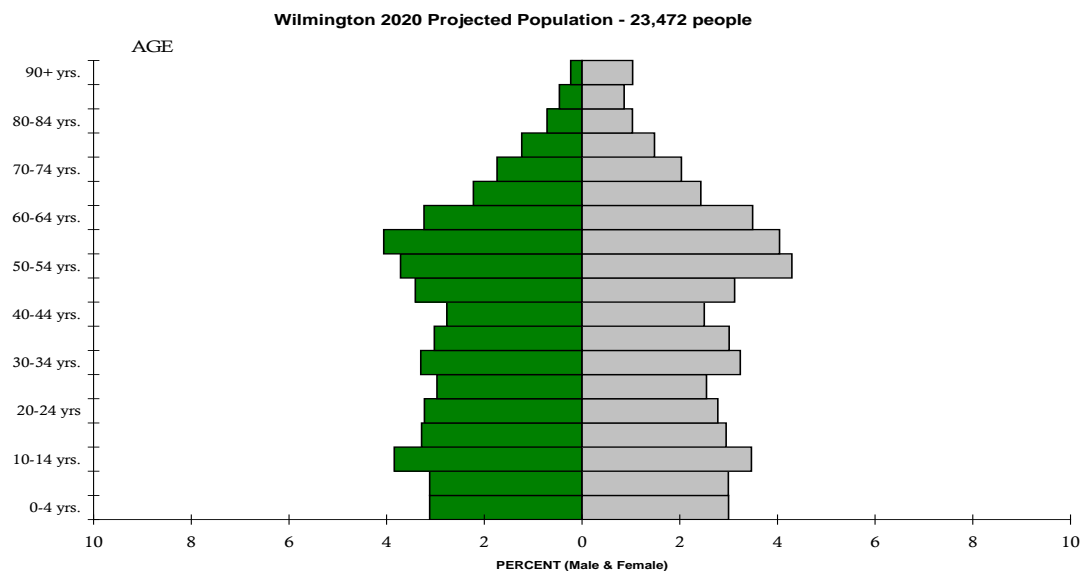


Figure 2: 2020 Population Projection by Age and Sex



source: www.umass.edu/miser/population/miserproj.html

While future projections do not indicate high growth rates for Wilmington, they do signal important shifts in age groups having implications for open space and recreation planning. Figure 2 shows a shift toward an older population, with the 45+ cohort increasing from 33% of the total population in 2000 to 38% in 2010. Wilmington is experiencing a decline in the school age population which is expected to continue over the next four school years. In fall of 2012, there were 3,619 students attending the public schools, down from a 2007 enrolled student

population of 3,947.⁹ The Wilmington Public Schools project that total enrollment for 2017-2018 will slowly decline to 3,498 students.

According to the Department of Public Welfare, there are 48 disabled citizens receiving assistance.¹⁰ Recreation Department programs are accessible to the disabled, and the School Department has made many capital improvements in the last decade to improve accessibility. Since the last revision, the Town of Wilmington and the Public Access Board (PAB) of the Commonwealth cooperated in the construction of a Handicap Accessible Sport Fishing Pier at Silver Lake. In addition, handicapped accessible playgrounds have replaced older playgrounds at Shawsheen, North Intermediate, Wildwood, and Woburn Street Schools. Capital improvements to provide handicapped accessibility continues as municipal facilities are upgraded, modernized, and remodeled.

POPULATION DENSITY

Population density influences demand for public outdoor parks and recreation spaces. In high density areas, properties may lack private yard space. Typically, these areas would benefit from small parks or playgrounds. In residential areas with lower density, the need for small parks is less significant.

Wilmington has a population density of 1314.9 people per square mile, or 2 people per acre.

Table 1 : Population Density compares population density of surrounding communities.

Table 1 : Population Density

Community	people per acre
North Andover	1.6
North Reading	1.8
Wilmington	2.0
Tewksbury	2.2
Billerica	2.4
Burlington	3.2

AGE OF RESIDENTS

Age of residents can affect the demand for specific types of outdoor recreation. While residents of all ages differ in their recreational needs based on individual interests, there are some assumptions that can be made about the demand for facilities based on demographics. Families with young children tend to need neighborhood playgrounds. Youth, teenagers and active adults need playfields for team sports, and increasingly, areas for healthful exercise such as walking, running and court sports. Elderly residents generally seek pleasant places to walk, sit outdoors, view wildlife, and gather with friends. A higher prevalence of retirees and empty-nesters may create a demand for a variety of adult recreation programs. In the 2012 survey conducted concerning the use of the Yentile Farm property residents indicated that more sports related recreational resources were not needed. Instead a desire for picnic areas, walking trails and outside gathering areas were given a high priority.

⁹ Wilmington School Department.

¹⁰ Massachusetts Department of Housing and Community Development. Community Profiles: Wilmington.

HOUSEHOLD AND FAMILY CHARACTERISTICS

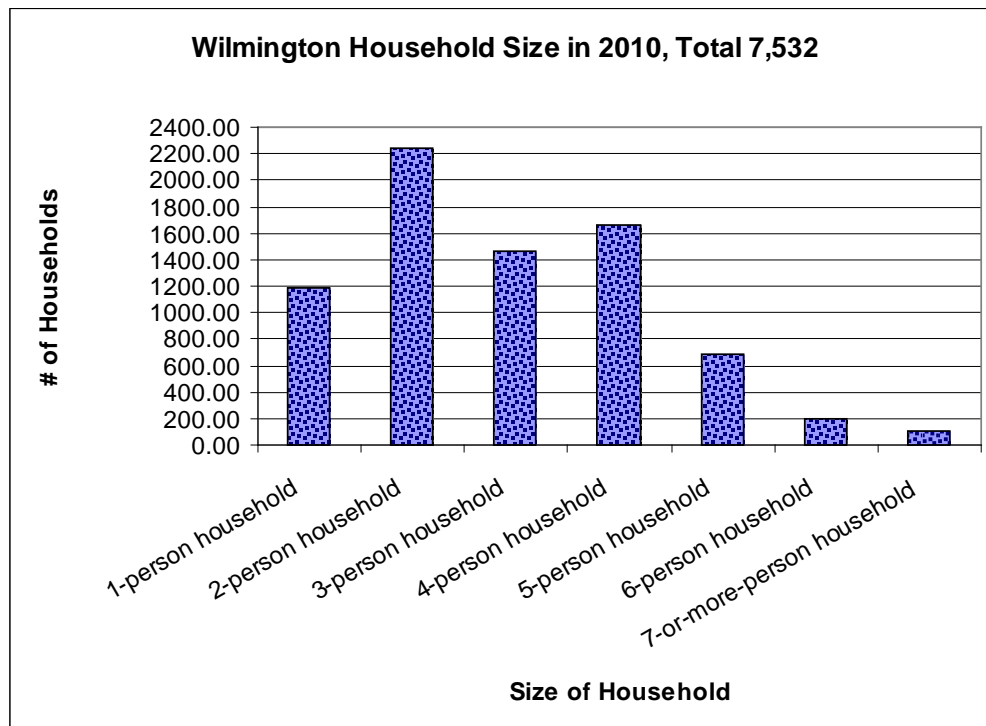
Population characteristics can influence community preferences for open space and recreation. For example, single parent households may increase the demand for public recreation programs that can serve as childcare during work hours. A large percentage of individuals living alone may increase interest in organized adult recreational programs as people seek out social interactions. A high number of families with children can influence demand for playgrounds and youth recreation programs.

The following figures provide a snapshot of family and household characteristics.

Figure 3: Household Composition, 2000-2010

Household Type	2000	2010	change
Total Households	7027	7532	505
Households with individuals under 18 years	3127	3080	-47
Households with individuals 65 years and over	1519	1948	429
Persons living alone	985	1183	198

Figure 4: Household Size



HOUSING

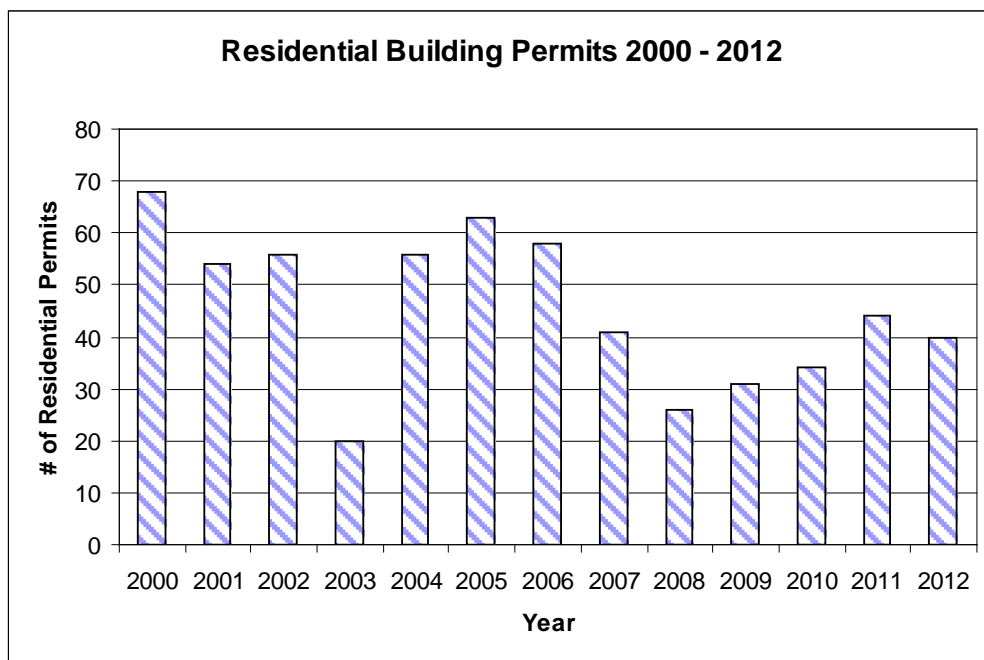
Type and location of housing may influence the demand for access and availability of recreation areas and programs. For example, those in dwelling units with no yards or with shared community spaces may seek out public parks and recreation areas more frequently.

Housing needs can occasionally conflict with open space and recreation needs particularly in communities where available land is scarce. In some of these cases, however, the housing and open space goals may not be mutually exclusive and advocacy for both may be beneficial.

The annual construction of single-family homes in Wilmington reached an all time high of 190 homes in 1994. Since 2000 the yearly average is less than 60 per year. Wilmington's first apartment complex, Avalon Oaks, was completed in 1998. The second, Avalon Oaks West, was completed in 2002. A third, Regency Place, opened in 2008, and the Town's fourth apartment complex, Metro at Wilmington Station, opened in 2013.

Since the Town's housing construction peak in 1994, the issuance of building permits has declined as the economy stays sluggish and remaining buildable land is scarce. In recent years a number of small, older houses have been razed and replaced by larger new houses. Single-family homes comprise the majority (90 %) of Wilmington's housing stock. The median sale price of a single family-home in Wilmington increased 66% over eight years from \$220,000 in 1999 to \$364,000 in 2007,¹¹ but the prices declined to \$345,500 in 2008. In 2013, prices, while rebounding, have only slightly increased with the average household value at \$349,457¹². The Town's housing study (Wilmington Housing Plan, 1998) found that mortgage guidelines required an income of \$65,000 to afford a new home in Wilmington.¹³ Under the Massachusetts Affordable Housing Act, 10% of the community's housing stock should be affordable. In 2013, the Department of Housing and Community Development certified that Wilmington has achieved 10% affordability.

Figure 5: Residential Building Permits 2000 to 2012



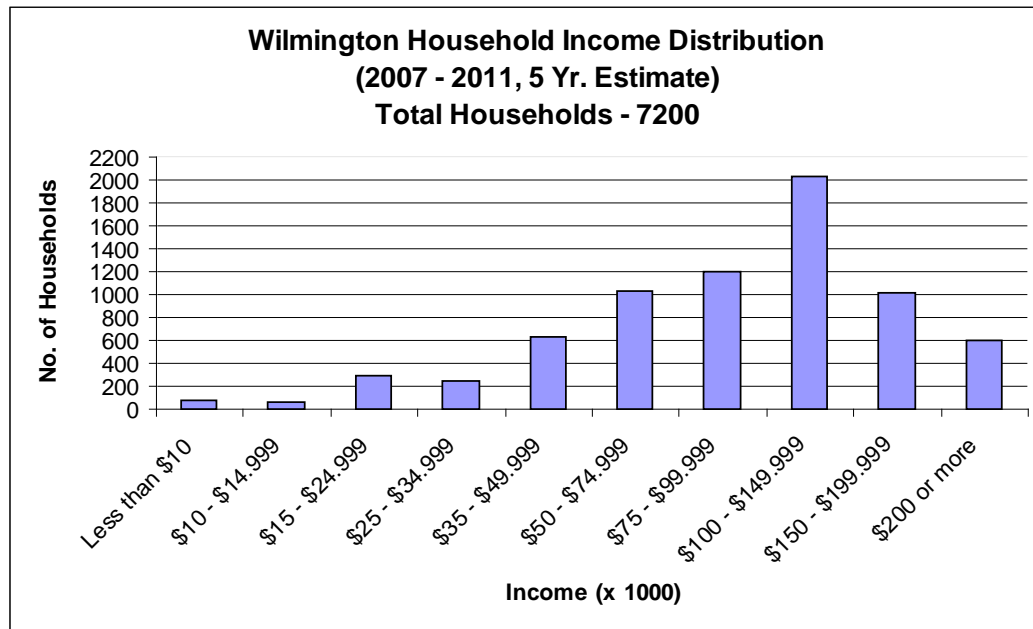
¹¹ Banker & Tradesman, January 2009

¹² Wilmington Assessor, June 2013

¹³ Community Opportunities Group, Inc. August 1988. Wilmington Housing Plan

INCOME, EDUCATION, AND OCCUPATION

Figure 6: Household Income Distribution



Median household income in Wilmington in 2010 was \$100,861 and family income was \$107,436, both rates are above county and state median incomes levels. The percent of people whose income is below poverty level is substantially lower than county and state levels.

E Figure 7: Household and Family Income, 2011¹⁴

	Median Household Income	Median Family Income	% of People whose Income is below Poverty Level
Wilmington	\$100,861	\$107,436	1.8%
Middlesex County	\$79,691	100,267	7.7%
Massachusetts	\$65,981	\$83,371	10.7%

The per capita income in Wilmington in 2011 was **\$32,972**, ranked 112th in the state.¹⁵

Employers and local businesses can be important potential partners in supporting the Town's recreation facilities and programs.

Employment in Wilmington centers on industrial zones along I-93, in the northeast and southeast parts of town (see Map 3, showing location of commercial/industrial development along Interstate 93). As of 2013, the Town's six largest employers are Analog Devices, Inc. (the largest employer in Wilmington), Charles River Laboratories, Textron Systems Corp, Town of Wilmington (municipal and school departments), Ametek, Inc. and Genlyte-Lightolier.

Some of these large corporations also have large parcels of land used for recreation. Textron maintains softball fields, benches, picnic tables and trails. However, these recreation areas are

¹⁴American Community Survey (US Census estimates) 5-Year estimates

¹⁵ Massachusetts Municipal Association. 2012/2013 Directory

not open to the general public and could be developed at any time. In fact, the recreation area at the former AGFA land is currently under development as a Target Store.

A nationally accepted definition of the labor force refers to all members of the population above a minimum age who are either working or looking for work.¹⁶ Town residents in the labor force numbered 12,698 in April 2013. It has risen steadily from a low of 12,015 in August 2003. Historically, Wilmington's labor force is less than the total employed people in Wilmington of currently 17,868; it may be said that Wilmington is a net importer of employment. The larger employers are importing significant portions of their workforce from surrounding communities.

This combination of imported and exported labor results in traffic problems on the main arteries through Wilmington. The prevalence of workers driving alone exacerbates this problem. According to a 1996 Metropolitan Planning Organization (MPO) study, 82.6% of the Town's workers drove alone to work. One-percent carpooled and only 2.9% used public transportation.¹⁷ While newer figures are not available, the pattern remains that the majority of workers drive alone to work. Large new developments are being required to participate in the non-profit Transportation Management Organization, which facilitates carpooling and vanpooling, provides emergency rides home, and otherwise encourages the shift away from commuting alone in cars.

ENVIRONMENTAL JUSTICE AND EQUITY

In 2002 the Massachusetts Executive Office of Energy and Environmental Affairs (EEA) adopted an Environmental Justice Policy to provide equal protection and meaningful participation for all Massachusetts residents with respect to environmental regulations and policies. This policy also supports equitable access to environmental assets, which include parks, open space, and recreation areas.¹⁸ The State has identified communities that contain Environmental Justice (EJ) Populations (see Map 2) – those with high percentages of minority, non-English speaking, low-income, and foreign-born populations.

While Wilmington does not have any identified EJ populations, this plan considers ways to reduce any inequities in access to parks and recreation amenities.

¹⁶ Handbook of the Social Psychology, edited by John Delamater. Kluwer Academic/Plenum Publisher, New York, 2003.

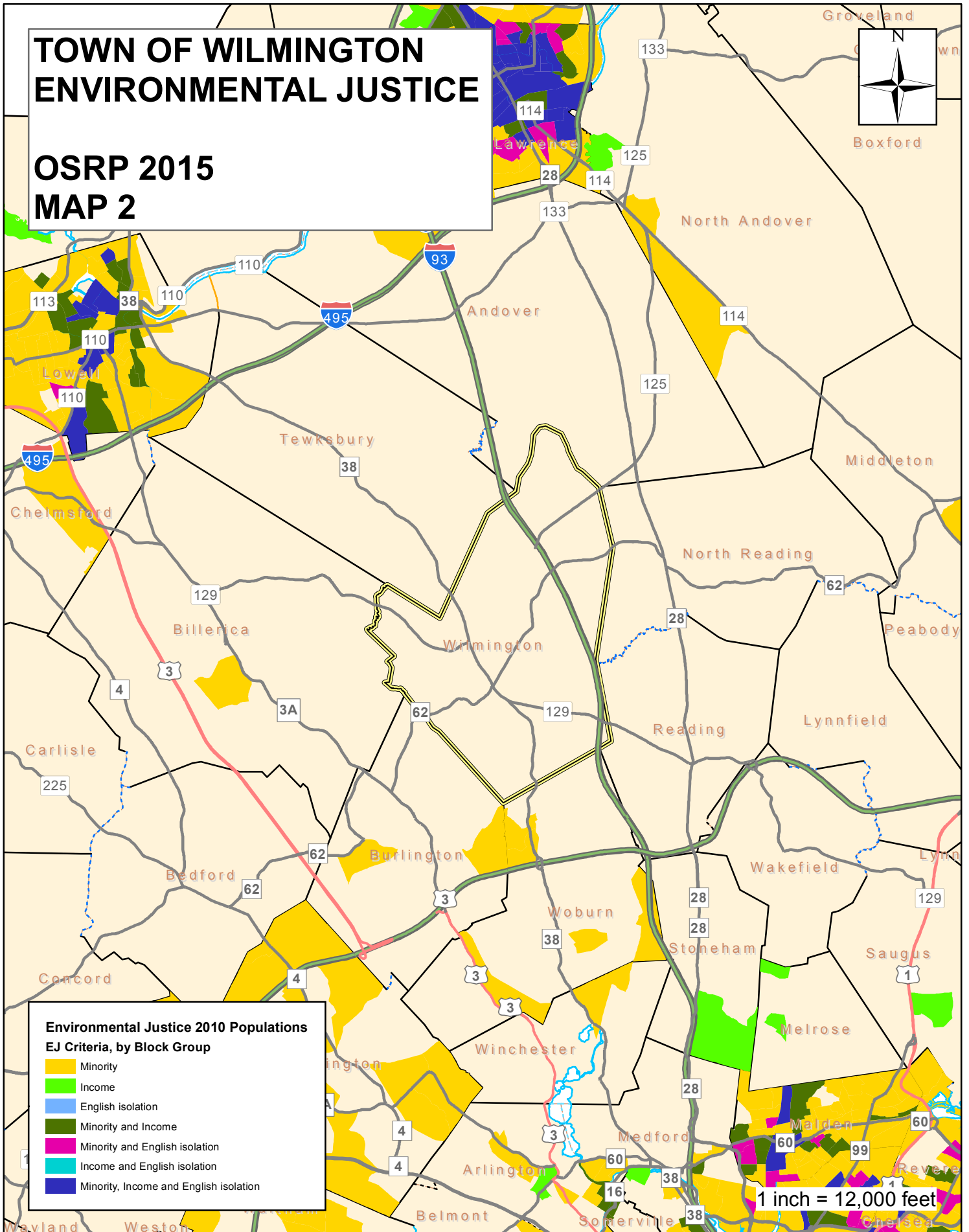
¹⁷ Central Transportation Planning Staff of the Boston Metropolitan Planning Organization. 1996. Mobility in the Boston Region: Existing Conditions and a Plan for Action.

¹⁸ Full text of Environmental Justice Policy at <http://www.mass.gov/envir/ej/>.

MAP 2: ENVIRONMENTAL JUSTICE POPULATIONS

TOWN OF WILMINGTON ENVIRONMENTAL JUSTICE

OSRP 2015 MAP 2



Growth and Development Patterns

PATTERNS AND TRENDS

Wilmington's original dispersed agricultural character has been replaced by more developed suburbia as transportation services have expanded and improved. This has resulted in increased population density (see Figure 5). Although population growth has slowed, a buildout analysis performed in 2000¹⁹ shows that current zoning would allow over 1200 new residential lots. Development at full buildout would significantly reduce land available for active and passive recreation while increasing the demand for such amenities.

INFRASTRUCTURE

Transportation

Wilmington is very accessible by automobile and rail. There are four exits off Interstate 93, three state routes (62, 129, and 38, which connect with Route 128), and two MBTA commuter rail stations. There is major congestion along all these routes, and local traffic worsens when drivers seek alternate routes. Bus transit is limited to Rte 38 through the Lowell Regional Transit Authority, and the MBTA provides *The Ride*, a paratransit service for the elderly and disabled. Biking and walking are not always feasible given the spread out pattern of development, and main roads are not always conducive to walking or biking. While the Town has an ongoing sidewalk improvement program designed to allow students to walk safely to school, there is no similar effort to make existing roads more bicycle friendly. The Metropolitan Area Planning Council's (MAPC) 1996 regional transportation plan places a high priority on construction of a bike lane along Route 38, as well as installation of bike racks at the Town's two commuter rail stations.²⁰ Five new bike racks were installed at the library, Town Hall and several schools in 2007, reimbursed by an MAPC grant.

Water Supply System

Ninety-five percent of Wilmington is served by municipal wells, and 5% of the population is served by private wells. According to Michael Woods, DPW Director, the maximum daily yield of the nine wells had been about 6.0 MGD while the average yield is approximately 3.25 MGD. An IEP study raised some doubts about the ability of the regional aquifer (shared by Wilmington, North Reading, and Reading) to support maximum daily yields during periods of extended drought. The study also recommended that Wilmington protect areas recharging the wells of surrounding Towns. The Town of Wilmington took that step and incorporated all DEP approved Zone

¹⁹ Metropolitan Area Planning Council. 2000. Town of Wilmington Buildout Analysis.

²⁰ Metropolitan Area Planning Council. 1997. MAPC Regional Bicycle and Pedestrian Plan.

II areas²¹ in Town in the Aquifer Protection District. Locations of the Zone II are shown on Map 6B.

In early 2003, the contaminant N-Nitrosodimethylamine (NDMA) was discovered in the Maple Meadow Brook Aquifer, a sub basin of the Ipswich River Basin, where five of the Town's nine wells reside. These wells were taken off line, which reduced the Town's pumping capacity by approximately three million gallons per day. To address the problem, a Comprehensive Water Resources Management Plan (CWRMP) was developed and the conclusion of the study indicated that the Massachusetts Water Resource Authority (MWRA) is the best alternative to recover our lost water production. A large pipeline was constructed tying the Town's water distribution system directly to one of the MWRA's main distribution points. Subsequently, the Town voted to join the MWRA as a partial water community at a future Town Meeting. This act allows the Town to supplement its water supply during high demand periods.

Sewer

Eighty-two percent of Wilmington is served by on-site septic systems, and 18% is served by the MWRA. Improperly maintained septic systems can be a potential source of ground and surface water contamination. On the other hand, out of basin water transfer via an expanded sewer system could have an impact on the amount of ground water available in Wilmington and the Ipswich River Watershed because water recharge would be reduced. The CWRMP covered this topic extensively, and the Town agreed to limit its sewer system expansion to designated areas of need.

LONG-TERM DEVELOPMENT PATTERNS

In recent years much of the development of commercial and industrial properties has been upgrading, expanding, or redeveloping the properties. There have been several transit oriented developments near the train station. These have resulted in a mixture of residential and commercial uses on the same parcel in the Central Business District. While rezoning was proposed near the North Wilmington train station to allow more intense development it was not approved at Town Meeting.

Much of the recent residential construction has included Conservation Design Subdivisions, which have resulted in open space and trails being created, and comprehensive permits under Chapter 40B, which have resulted in affordable units, open space, and recreational amenities for the residents. A residential multifamily project with affordable housing was built with a walkway connecting it to the train station. The Town has reached 10% affordable housing. While it must ensure that affordable housing continues to be built, the 10% level means the Town has the ability to work closely with the developer so the plans reflect what the Town would like to see, not what a developer might want to force the Town to accept. A number of houses have been built on lots that have been split, on lots where an old house was torn down, or on lots with limitation such as ones that would not have supported septic systems before the regulations changed.

²¹ That area of an aquifer which contributes water to a well under the most severe pumping and recharge conditions that can be realistically anticipated (180 days of pumping at approved yield, with no recharge from precipitation).

ZONING

Zoning has existed in Wilmington since 1934, undergoing a major change in 1955. These earlier zoning maps served as a “blueprint” for growth and development. As mentioned above, current zoning would allow about 1200 additional single-family homes at full buildout. As the zoning map shows (Map 3), this concept and subsequent modifications have channeled commercial development along the main arteries in Town, with industrial districts near the I-93 interchanges. A number of commercial and industrial properties have been or are being redeveloped. Currently under construction or permitted projects include Murray Hill (36 lots), Rhode Island Road (3 lots), 13-15 Church Street (8 units plus commercial), McDonald Road (26 lots), and McGrane Road (7 lots).

Table 2: Wilmington Zoning Districts and Dimensions

District	Area (square feet)	Frontage (linear feet)	Minimum Open Space
Residence-10	10,000	100	N/A
Residence-20	20,000	125	N/A
Residence-60	60,000	200	N/A
NB (Neigh. Business)	10,000	100	30%
GB (Gen. Business)	20,000	125	20%
CB (Central Business)	10,000	40	0%
GI (General Industrial)	20,000	125	30%
LI / O (Light Industrial / Office)	20,000	125	30%
HI (Highway Indust.)	80,000	125	30%

There are exceptions to these requirements. For example, there is a frontage exception in residential districts allowing up to a 20% reduction in frontage if 5,000 square feet of area is added to the lot size. Also, there is an exception for hammerhead lots. A minimum frontage of 40 feet is allowed where hammerhead lot areas are increased by appropriate amounts.

Central Business District (CBD)

The central business district is applicable to land primarily located at the intersection of Route 62 and Route 38, adjacent to the Lowell Commuter train station on Main Street. The central business district was expanded in 2004 to include one property near the North Wilmington train station on Middlesex Avenue, which has since been constructed with a mix of retail business. The CBD allows a density of one residential unit per 4,000 square feet of lot area with up to 12 units per structure. This zoning district allows for reduced parking standards based on the proximity to public transportation.

Subdivision Control Rules and Regulations

Any subdivision of land requiring the creation of access comes under the review of the Planning Board. The Board is concerned with ensuring the safety, convenience, and welfare of the Town’s citizens and oversees such things as the layout and construction of roads, infrastructure, and drainage.

Conservation Subdivision Design Bylaw (CSD)

The purpose of the CSD provision is to protect open space, forest, wildlife habitat, wetlands, historical resources and community character by allowing greater flexibility and creativity in the design of residential developments, including single-family, two-family and multi-family structures. The applicant for a CSD may not increase the overall density of the subdivision; a yield plan identifies the number of new lots allowed under conventional zoning. The applicant may reduce the number of lots but may not increase them. A minimum of 35% of the total parcel is required for open space, some of which must be upland, and at least 50% of the required setbacks for the zoning district must be maintained.

Site Plan Review

All business, industrial, and multi-family residential development present plans before department heads of each department concerned with development to ensure that zoning, parking, site design, lighting, drainage, and landscaping meet community standards. The plan is then reviewed in a public hearing by the Planning Board.

Flood Plain District

Construction, filling, and excavation are prohibited in the 100-year floodway. No activity that would alter the natural flood storage volume is allowed.

Ground Water Protection District

This overlay district is designed to protect Wilmington's drinking water by more closely regulating land use in areas that recharge public wells. The use and storage of hazardous materials such as petroleum products are subject to more stringent requirements.

Rivers Protection Act / Wetlands Protection Act

The Conservation Commission administers these state acts locally. Both establish buffer zones around the resource area--perennial streams or wetlands--and regulate activities within that buffer zone.

Planned Residential Development (PRD)

This "cluster" bylaw allows increased development density if common open space is preserved. The purpose of this provision is to "encourage preservation of significant land and water resources; to encourage more environmentally sensitive and cost effective/energy-efficient residential land uses; and to enable the community to require adherence to a comprehensive set of development plans in the rezoning of land and the granting of a special permit." The total parcel must be at least eight acres, the maximum density is three units/acre, and 50% of the site must be protected open space. This is considered a rezoning, therefore a PRD must receive Town Meeting approval before the developer applies for a special permit from the Planning Board. This bylaw was approved over 25 years ago, and no rezoning has been proposed

SCHEDULED AND PROPOSED NEW DEVELOPMENT

Recently completed and pending projects are listed below.

Table 3: Projects Recently Completed or Pending Projects

Project Name	Address	New Units / Description
Metro @ Wilmington Station	1 Burlington Avenue	108 Apartments; 30% Affordable
McGrane Woods Conservation Subdivision	Extension of McGrane Road	7 Single-Family Homes in an Open Space Residential Subdivision. (CSD)
Target Corporation	210 Ballardvale Street.	139,000 s.f new retail building
New Retail Plaza	206 Ballardvale Street	12,000 s.f retail plaza
Cheyenne Subdivision	Cheyenne off of Concord	6 Single-family homes
13-15 Church Street	13-15 Church Street.	1 Commercial/ 11 Res. Condos
One Church Street	One Church Street,	7 Retail / 8 Res. Condos
McDonald Road Conservation Subdivision	Extension of McDonald Rd.	Conservation Subdivision Design (CSD), 26 single-family homes
Expansion of Kirkwood	904 Main Street	30,000 s.f commercial expansion.
Wilmington Crossing	271 Main Street	71,308 s.f of Restaurant / Retail Plaza (Completed in 2008)
Wilmington Plaza	240 Main Street	148,000 Retail Plaza (Completed in 2008)
Murray Hill Conservation Subdivision	Extension of Eleanor Drive	CSD 36 Single-family Homes, small playground
45 Industrial Way	45 Industrial Way	166,666 s.f. commercial/warehouse redevelopment
Expansion of 1 Cornell Place		40,120 s.f. of warehouse expansion
Woburn St, Federal Street	545-557 Woburn, 199, 200, 202 Federal	Nine single family homes
203 Lowell Street		Anticipated commercial development including restaurants, dog day care

Bolded items received Planning Board approval, but are not yet constructed.

MAP 3: ZONING MAP

TOWN OF WILMINGTON ZONING

OSRP 2015 MAP 3



- CENTRAL BUSINESS
- GENERAL BUSINESS
- GENERAL INDUSTRIAL
- GENERAL IND. (ADULT USE OVERLAY DISTRICT)
- HIGHWAY INDUSTRIAL
- HIGHWAY INDUSTRIAL (ADULT USE OVERLAY DISTRICT)
- LIGHT INDUSTRIAL
- NEIGHBORHOOD BUSINESS
- OVER 55 HOUSING OVERLAY DISTRICT
- RESIDENTIAL 10
- RESIDENTIAL 20
- RESIDENTIAL 60

Section 4: Environmental Inventory and Analysis

Geology, Soils, and Topography

TOPOGRAPHY

Wilmington's total area is 17.12 square miles, approximately 11,000 acres. Its topography is characterized by rounded hills and relatively broad lowlands. Elevations generally range between 80 and 120 feet above mean sea level, with higher terrain and steeper slopes to the north overlooking Foster's Pond near the Andover Town line, and to the southwest along the border with Burlington. The highest point is 255 feet, site of the water tower in the Town Forest; the lowest elevation is 70 feet above mean sea level where the Ipswich River flows into Reading and North Reading just east of Route I-93.

Eighty-one percent of the Town lies within the Ipswich River Watershed; 10.5% in the Shawsheen; and 8.5% in the Aberjona/Mystic River basin. As of 1964 wetlands associated with each of these drainage areas comprised approximately 25% of the Town's total area, but today only an estimated 19% of Wilmington's total area is classified as wetlands. Early settlement of the Town historically occurred on the higher, drier areas, with the wetter lands used for farming, especially in the cultivation of cranberries, as well as piggeries, dairy production and lumber.

GEOLOGY AND SOILS

The geology of Wilmington can be divided into several distinct units. These include bedrock, glacial till, stratified drift deposits, and swamp deposits. The principal aquifers, or water-bearing layers, are composed of the unconsolidated sand and gravel that form the stratified drift deposits. These deposits were laid down at the close of the last glaciation period of approximately 14,000 to 11,000 years ago as the continental ice sheet retreated from New England. (IEP, 1990).

The bedrock in Wilmington consists of dense crystalline, metamorphic and igneous rocks, which include granite, gneiss, diorite, gabbro and quartzite. The upper surface of the bedrock is typically weathered and overlain by fine-grained till. Basaltic and dioritic rock outcroppings and shallow underlying ledge occur along the Wilmington-Burlington Town line, along a north-south axis roughly coinciding with Interstate route 93, and in the Town Forest. Rock was formerly quarried north of Burlington Avenue west of Boutwell Street.

Prior to the last glaciation, the Ipswich River and its tributaries eroded deep basins into the bedrock surface. During the last glacial advance, these channels were scoured and enlarged, forming a series of narrow bedrock channels roughly coincident with the current headwaters and tributaries of the Ipswich River. The basin-like configuration of the bedrock resulted in the widespread accumulation of stratified drift, which form the major aquifers in Wilmington. Principal surface formations left by the glaciers include

low drumlins such as "the island" in the middle of Nod Pond, and several eskers, including those in the wetlands to the west of Middlesex Avenue; on the northern edge of the North Intermediate School; along Salem and Andover Streets; and at the end of Blanchard Road. In addition to the Ipswich River and its tributaries, a number of water bodies created by glacial action are found in Wilmington. The largest and most widely recognized is Silver Lake, a Great Pond of the Commonwealth of Massachusetts.

Much of the better drained land is composed of glacial deposits. Of the drumlins, eskers, and other coarse-material glacial formations, some have been excavated for gravel or exploited as disposal sites. The basaltic and other ledge in the ridges on the southwest, east and north edges of Town have imparted relatively good permeability to the soils which have developed from them, but these soils are shallow and broken by rocky outcrops in most areas. Much of the well-drained soils overlay deep sand deposits. Borings at Koch Membrane on Main Street near the Town Park have indicated a sand depth of 36 feet, and borings elsewhere in Town have indicated sand deposits to much greater depths.

Peat deposits occur along most of the Town's streams. The gravel pits north of Salem Street on Martins Brook were the site of the most extensive peat deposits in the Town, prior to their excavation. In most of the wetlands located away from the streams, heavy soils and muck are found to a depth of one to two feet, generally, with exceptionally deep muck in kettleholes and other depressions. Hardpan usually underlies the upper wetland layers.

Wilmington's historical agricultural success producing apples and hops did not come easily. No Class I agricultural capability soil exists in Wilmington, and the better agricultural soils of the Town generally have one or more limitations for agricultural uses.

The 1982 Wilmington Soil Survey identified and mapped the soils found in the Town and grouped the several classes in five "associations" or General Soil Areas. The approximate acreage and proportional extent of the general soil areas in the Town of Wilmington are shown in Table 2.

Table 2: Wilmington Soil Areas and Extent

GENERAL SOIL AREA	Acres	Percent
Canton-Windsor Association	1150	11
Hollis Association	940	9
Muck-Scarboro-Au Gres Association	2907	26
Deerfield-Hinckley-Windsor Association	3980	36
Millis-Woodbridge Association	1980	18
TOTAL	10957	100

Soil Characteristics: Advantages and Limitations

These soil associations have the following characteristics:

Canton-Windsor Associations: Deep, well-drained, and very stony soils formed in sandy glacial till and droughty soils formed in thick deposits of sand. Canton soils comprise about 60 percent of the soil area and Windsor soils about ten percent. The remainder consists of stony and poorly drained soils.

This soil area occurs primarily in the northeastern part of Wilmington, and occupies about 11 percent of the Town. The landscape associated with this soil area is made up of moderately sloping hills and does not present serious limitations to development. Erosion is a potential hazard but is mitigated by typical vegetation such as eastern white pine and northern red oak.

Most of this general soil area has moderate limitation for use as high density residential, commercial, or industrial purposes. There are slight limitations for woodlands and many recreational uses. This general soil area has a fair potential as a source of ground water for commercial, industrial, or municipal water supplies.

Hollis Association: Shallow (less than 20 inches) to bedrock, ledgy and very stony soils with areas of exposed bedrock and boulders on three to 35 percent slopes. Hollis soils occupy nearly 9 percent of the general soil area, and are developed in a thin mantle of glacial till and bedrock within three feet of the soil surface throughout much of the area. The remaining ten percent consists of small tracts of wet Leicester and Whitman soils. Because of the shallowness of the Hollis soil area, bedrock is exposed in many places. The soils are well drained to somewhat droughty fine sandy loams.

This general soil area occupies approximately nine percent of the Town and is hilly with many bedrock exposures. Much of the land is wooded, but some is used for residential sites. Hollis Association soil areas are generally hillier than Canton-Windsor soil areas, and therefore constitute a moderate erosion hazard. While both soil areas support eastern white pine and northern red oak, Hollis soil areas also commonly support sugar maples.

The general soil area is well suited to upland wildlife and some recreational uses. Bedrock severely limits use for residential, commercial, or industrial development, although some small suitable sites may be found. The shallow depth to bedrock makes groundwater supplies difficult to develop.

Muck-Scarboro-AuGres Association: Very poorly drained hydric soils in low-lying, mucky, level terrain. Permeability is rapid or very rapid, with a high water table at or near the surface most of the year.

This general soil area underlies about 26 percent of the Town, and is generally synonymous with the "wetlands" of Wilmington. It consists of about 70 percent Saco and Freetown Muck soils, 15 percent Scarboro soils, and 10 percent Au Gres soils. The remainder is small inclusions of better drained sandy soils. The landscape created by these soils may be marshy (non-woody vegetation such as cattails) or swampy (woody vegetation such as Atlantic white cedars, red maples, and eastern white pine). These soil areas are a slight source of erosion, although the associated vegetation and wildlife

can be severely impacted by the deposition of sediment eroded from upland or upstream areas.

This soil area has severe limitations for residential, commercial, industrial, road, and agricultural uses because of high water tables. In addition, Muck soils have a poor load-bearing capacity.

Deerfield-Hinckley-Windsor Association: Moderately well drained droughty, sandy, and gravelly soils on zero to 15 percent slopes. Moderately well drained Deerfield soils are developed in thick sand deposits on low-lying level and nearly level areas. Droughty Hinckley soils are in thick deposits of sand and gravel. They are found in large level or nearly level plains and more than 60 percent of the Hinckley soils have slope gradients less than 8 percent. Windsor soils are similarly droughty, are developed in thick sand deposits, and are on level and nearly level areas. About 50 percent of the Windsor soils have slope gradients less than three percent. Deerfield soils are affected by a fluctuating water table that is within 1.5 to 2 feet of the surface for four or five months of the year, generally in the winter, early spring, or after periods of heavy precipitation.

This general soil area occupies about 36 percent of the Town. The landscape consists of level and nearly level plains bordered by short, steep escarpments and a few steeper hills mostly in the northeast section of Town. Gravel pits and made land occupy about 10 percent of this general area.

Most of this general soil area has slight limitations for residential, commercial, or industrial uses. Large amounts of ground water for residential, commercial, or industrial uses can generally be obtained from wells located in this general soil area. The rapidly permeable substratum below the soils provides little filtering action, and water wells near sources of contamination may become polluted. This soil area also has slight limitations for agricultural use, although the droughty soils require supplemental irrigation during most seasons. It also has slight limitations for sources of sand and gravel and for sanitary landfill areas.

Millis-Woodbridge Association: Well drained and inadequately drained, very stony soils developed in loamy, compact glacial till on three to 15 percent slopes. The well drained Millis soils and the moderately well drained Woodbridge soils have formed in very stony compact glacial till and have a fine sandy loam surface soil over a loamy sand substratum. Millis soils have a slowly permeable hardpan about two feet from the surface, and hardpan is 1.5 feet from the surface in Woodbridge soils. Excess seepage water or a fluctuating water table within 1.5 to 2 feet from the surface of Woodbridge soils keeps them wet during the winter, early spring, and after prolonged periods of rainfall. The soils are very stony except where they have been cleared.

This general soil area occupies about 18 percent of the Town, with slope gradients generally between three to 15 percent and a few slopes up to or greater than 35 percent. Millis soils occupy about 45 percent of this association, with 25 percent Woodbridge soils and the remainder consisting of poorly and very poorly drained soils. The landscape formed by this soil association includes both marsh (cattails, skunk

cabbage) and swamp (northern red oak, eastern white pine, red pine, red spruce, sugar maple) vegetation.

Millis-Woodbridge soil areas have few limitations for woodlands and most kinds of recreational uses but have moderate and severe limitations for most other uses. They have severe limitations for high density residential use if sewage disposal is dependent on septic tank systems. Slowly permeable hardpans close to the surface severely curtail the downward movement of water. Septic tank sewage disposal systems cannot function properly under these conditions. Most wells in this general soil area will yield enough water for individual home use, but large volumes sufficient for commercial, industrial, or municipal use can seldom be obtained.

Development Limitations and Implications for Open Space

Development limitations of Wilmington's soils are mapped on the following page. In the Middlesex County Interim Soil Survey Report, the Natural Resources Conservation Service rates each soil type according to its limitations for several kinds of development. Slight limitations indicate that the soil is generally favorable for development; moderate limitations indicate that the soil is unfavorable, but special planning and design can overcome the shortfalls; and a severe limitation indicates that major increases in construction costs, design, or maintenance are needed to develop the area. It is essential to understand that these limitations reflect the state and cost of technology, and DO NOT constitute a guarantee of future protection. A map of Wilmington's soil types is included at the end of this Section.

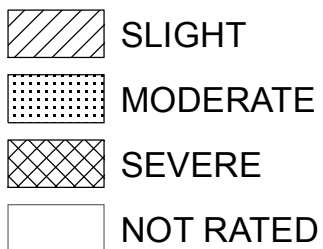
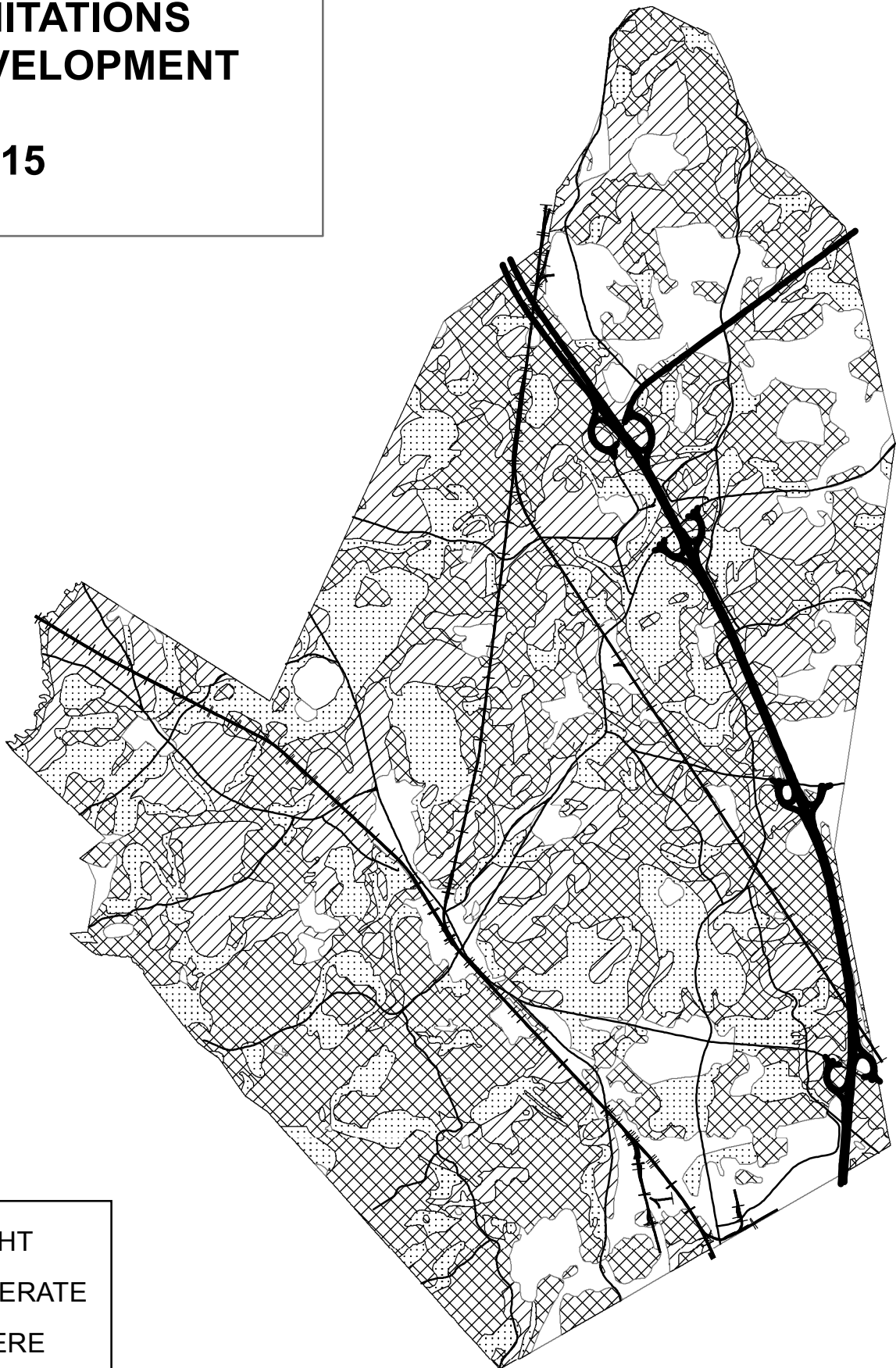
Based on Wilmington's geology and historical development patterns, remaining open space comprises primarily wetland areas associated with streams. In areas susceptible to flooding, installation and maintenance of appropriate infrastructure may be difficult, and water or frost damage to trails or playing fields may result. Soil limitations also have implications for trail planning and more active recreation needs such as ball fields. Thin soils may not support the growth of adequate groundcover, and summertime watering of playing fields puts additional strain on the Town's water supply.

The most notable areas of upland with open space and recreation potential are the Town Forest and several large undeveloped parcels, most of which are privately owned and located at or near the Town's borders. These include the former Garden of Eden Golf Course, Sciarappa's Farm, and the Sawmill Brook properties.

MAP 4: SOILS AND GEOLOGIC FEATURES MAP

TOWN OF WILMINGTON SOIL LIMITATIONS FOR DEVELOPMENT

OSRP 2015
MAP 4



Landscape Character

The high percentage of wet soils described previously creates a landscape dominated by wetlands. Now covering slightly less than 20% of the Town's total land area, Wilmington's streams, ponds, swamps, bogs, and other permanently or perennially wet lands are generally of moderate area (25-75 acres) and interspersed among higher formations. Several large open swamp areas occur, such as the remnants of the old Cedars of Lebanon and Ladderpole Swamps. The wetlands in the northwest along the Tewksbury line and west of Interstate 93 cover approximately 250 acres. Many smaller wetlands scattered throughout Town provide visual relief from urban development and serve as natural buffers for privacy, wildlife habitat, and – if left intact – working drainage systems to prevent flooding. The remaining greenspaces serve as reminders of the Town's more rural past.

Rounded hills and relatively broad lowlands characterize its topography. Elevations generally range between 80 and 120 feet above mean sea level, with higher terrain and steeper slopes to the north overlooking Foster's Pond near the Andover Town line, and to the southwest along the border with Burlington. The highest point is 255 feet, site of the water tower in the Town Forest; the lowest elevation is 70 feet above mean sea level where the Ipswich River flows into Reading and North Reading just east of Interstate 93.

Water Resources

WATERSHEDS

Eighty-one percent of the Town lies within the Ipswich River Watershed; 10.5% in the Shawsheen; and 8.5% in the Aberjona/Mystic River basin. As of 1964 wetlands associated with each of these drainage areas comprised approximately 25% of the Town's total area, but today only an estimated 19% of Wilmington's total area is now classified as wetlands.

Most of Wilmington lies in the Ipswich River watershed. Portions of the western and northwestern section of Town are in the Shawsheen River watershed; a small section in the southeast corner of Town is in the Aberjona/Mystic River watershed.

Wilmington undertook a number of initiatives to protect its watersheds and associated groundwater following approval of the 2002 Open Space and Recreation Plan. These include an Illicit Discharge By-law, passed in 2007; a Stormwater Management By-law, passed in 2009; a catch basin stenciling program; redesign of the Town's website in 2010 providing greater information concerning environmental issues and regulations for residents; and membership in the Massachusetts Water Resources Authority allowing Wilmington to supplement its water supply during the summer months, thereby reducing the strain on the Town's aquifers.

The Town holds hazardous waste collection days, uses an integrated pest management protocol for its playing fields and school yards, and operates a yard waste composting facility in an effort to lessen inappropriate dumping in wetland areas. Under Wilmington's Zoning By-law both the Ground Water Protection District (GWPD) and Flood Plain District restrict excessive impervious area without compensating recharge and inappropriate development within those districts. There is also a provision for Conservation Design Subdivisions, which, when implemented, requires the donation of a minimum of 35% of the available land, keeping the land in a natural state while clustering development.

SURFACE WATER

Streams

The principal streams of Wilmington are the Ipswich River and its tributaries. The Ipswich River (Mill Brook), Lubbers Brook, Sawmill Brook, Maple Meadow Brook, Patches' Pond Brook, and Cold Spring Brook flow from the Burlington Town line to central and north-central Wilmington, converge, and continue eastwards in the Ipswich River course from the vicinity of the Woburn Street crossing of the Boston & Maine Railroad. In northeast Wilmington, several important springs feed the bogs of Nod Pond, which constitutes the major area of the Brown's Crossing well field. Martins Brook flows through this area from Martins Pond in North Reading and converges with the Ipswich River further downstream.

Because so much of Wilmington is wetlands, it is important to understand the drainage systems involved. These wetlands have been the subject of studies and investigations repeatedly with some seeking to improve drainage in order to permit more intensive uses of the areas subject to perennial flooding, and others urging the impoundment of floodwaters in extensive reservoirs to augment the water supply of cities and Towns depending on the Ipswich River. Still others advocate the retention and protection of wetlands in their natural or present state as open spaces or conservation areas for wildlife or for protection of ground-water supplies.

There is a degree of confusion in references to the Ipswich River due to discrepancies in names on historic maps.

Revah or Revay Brook drains areas in Wilmington east of Woburn Street and south of the Ipswich River. The main Brook rises in Reading and flows northwesterly through swamps at the Meadow Brook Club to the Ipswich River. One tributary in Wilmington rises in a pond west of the railroad tracks and another in the two swamps - north and south of the gas pipeline in the Alderwood Estates. A third is referred to above as flowing from the swamp south of Suncrest Avenue. On both sides of Interstate 93 and both north and south of the Lowell Street Interchange, there are wetlands, the drainage of which was interrupted by the construction of the highway.

Proceeding clockwise around the Ipswich River Basin, the next tributary is what is commonly accepted as **Maple Meadow Brook**, which rises in Burlington and flows through the former Maple Meadow Landfill and roughly parallel with Route 38/Main Street to join Sawmill Brook in the Chestnut Street and Butters Row well field west of the Town Park. A pond in the swamp between the electric transmission line and the dump, also adds its water to the brook.

The name **Cold Spring Brook** now applies to a small stream, which also rises in a swamp in Burlington and flows parallel with the electric transmission lines to cross Chestnut Street before turning north to join Sawmill Brook.

Sawmill Brook is the Mill Brook referred to above in Larz Nielson's "Informal History" and probably identified by Johnson in 1651 as the source of the Ipswich River. From the site of Clapp's Mill in Burlington, it flows through a forested gorge more typical of Western Massachusetts before passing through the former Garden of Eden Golf Course to the "Maple Meadow Swamp" and the well field east of Chestnut Street.

Another small brook, as noted above, rises west of Chestnut Street and flows southeast across Chestnut Street near the Baldwin Apple Monument, past the Skating Club Pond, and into the well-field where it is joined by Maple Meadow, Sawmill, and Cold Spring Brooks before the ruins

of the Middlesex Canal Aqueduct at the Town Park. From the early 1960's to 2003 Maple Meadow Swamp served as a significant source of the Town's water supply. The municipal well in the northern portion of the Town Park was discontinued at the same time as the wells in Maple Meadow Swamp due to contamination of the aquifer.

Below Main Street, Maple Meadow Brook drains a swamp between Neo Resins and Textron Defense Systems and flows through another swamp and small pond before crossing Lowell Street. Swamps continue on both sides of the stream northerly to Wildwood Street and the confluence with the Ipswich River entering from the west. North of Parker Street, an un-named brook also joins the stream - described below as Taylor's/Patches Pond Brook.

From just upstream of Wildwood Street, the river turns east at the south end of "Ladder Pole Swamp," flows along the north side of the Wildwood School property and through more wetlands east of Federal Street where it joins Lubbers Brook east of the railroad. From there it flows under Route 93 and on to form the border between Reading and North Reading.

Patch's Pond Brook is the unofficial name for a tributary of Maple Meadow brook, which rises in Patch's Pond between the Middlesex Canal and Chestnut Street, south of Burlington Avenue. Patch's Pond was part of the water-works system of the Canal and was used for mooring boats. The brook drains the large swamp area immediately west of the railroad (Lowell Branch) between Burlington Avenue and Butters Row. The brook crosses Main Street, just south of Dublin Avenue, and flows northeasterly through another considerable wetland located northwest of Parker Street and west of Adams Street, where it is joined by another smaller stream that drains Rotary Pond and is culverted under the Post Office and Church Street. It then turns east through the swamps along the Ipswich and Maple Meadow Brook to join the latter just above Wildwood Street.

The **Ipswich River** (Mill Brook) also has its source in Burlington near Wilmington Road and crosses into Wilmington one half mile southeast of Route 62. It then flows through extensive swamps northeasterly, about halfway between Burlington Avenue and Marion Street, to cross Burlington Avenue some 600 feet west of the corner of Chestnut Street. In this stretch of swamp, a small tributary joins the main brook from a pond and further wetlands on the south and southeast. After crossing Burlington Avenue just west of Deming Way, the river flows almost due north, again through wetlands on each side, near the end of Grand Street where it is joined by an un-named tributary from the vicinity of the Boutwell Street School. This tributary has two branches: one from north of Burlington Avenue and the other from swamps near Aldrich Road, north of the West Intermediate School. From the confluence with this tributary the river turns northeasterly to pass along the northern extent of the former Sweetheart Plastics property crossing the Gillis Aqueduct of the Middlesex Canal and then under Main Street through a culvert beneath the Wilmington House of Pizza parking lot, south of Clark Street. From that point it continues in the same direction to a junction with another tributary in a swamp just west of Middlesex Avenue where the Snow Gristmill was operating about 1705.

The tributary stream that joins the Ipswich at this point comes in from the north, behind St. Thomas Church and serves as the outlet for waters in the wetlands between Wilmington Plaza and on both sides of Glen Road, east of the Wildcat railroad. The river continues easterly under Middlesex Avenue and Church Street, through a swamp southwest of Adams Street and more swamps in the High School property and go to Maple Meadow Brook southwest of Wildwood Street.

"Ladder Pole Swamp" is the name given by the early settlers to the wetlands between Wildwood and Federal Streets (because they used the maples from that area for their ladder-poles). This swamp includes Town properties in Wildwood Cemetery, north of Wildwood School and in the bend of Maple Meadow Brook towards which the wetlands drain.

Lubbers Brook is the second major brook in Wilmington. Lubbers Brook finds its source southwest of Wilmington along the Burlington-Billerica Line. It serves as the boundary between Wilmington and Billerica for half a mile northwest of the three-town bound and provides drainage for the wetlands west of Forest Street and south of Aldrich Road. Just south of Cook Street (Aldrich Road) in Billerica, Lubbers Brook turns to flow northeasterly to re-enter Wilmington between two bound stones, northwest of the Aldrich Road well field. Much of that well-field is wetland draining to Lubbers Brook as it runs easterly through three ponds southwest of Shawsheen Avenue.

Lubbers Brook crosses Shawsheen Avenue just west of Blanchard Road, and flows through a cranberry bog on the north side before reaching the "Sinking Meadow" swamp at the Shawsheen Avenue well field. There it crosses the Middlesex Canal's Sinking Meadow Aqueduct and under the railroad as it continues northeasterly to Main Street and Glen Road. In this section (Veranda and Pine Aves.) a minor tributary comes in from the south and the vicinity of the Richmond Street Bridge.

Between Main Street and Glen Road was the site of the Thompson-Harnden Mill (1720), which drew on Lubbers Brook and Silver Lake for water to turn the mill wheels. East of Glen Road, Lubbers Brook flows northerly, just west of the Town Hall and through a cranberry bog and pond of some 20 acres south of the line of Everett Avenue and Broad Street, and so into a very large area of wetlands stretching east and west south of Salem Street. A tributary - flowing roughly parallel with Salem Street from South Street in Tewksbury - joins the main brook before Lubbers Brook crosses the Wildcat railroad line into the "Cedars of Lebanon Swamp" and the B. & M. Portland Division line north of Judith Road.

From that point Lubbers Brook turns to flow southeasterly and generally parallel with the B. & M., past North Wilmington and Concord Street to its confluence with Maple Meadow Brook at Jenks Bridge on Woburn Street. Tributaries entering the section between Middlesex Avenue and Concord Street include one from the swamp east of North Street, and a larger stream from the west, which drains a large swamp between Lawrence Street and Middlesex Avenue and a smaller wetland east of Middlesex Avenue and north of Concord Street.

West of the area drained by Lubbers Brook, portions of Wilmington in "the Thumb", northwest of Hopkins Street, drain to the **Shawsheen River**, as does the wetland north of Salem Street and west of the B & M. R.R., and the high ground north of a line about one-third of a mile north of Route 125. This northernmost part of Wilmington is divided by a watershed line just west of Woburn Street which delivers waters on the western side to a stream which flows past the bound stone at the point where Wilmington, Andover and Tewksbury meet, along the Tewksbury line and across the abandoned Salem and Lowell R.R. before turning westerly to the Shawsheen River. Waters from the east side of the divide flow into Fosters Pond.

The eastern portion of Wilmington, roughly between Route 125 and Concord Street, again drains to the Ipswich River, in this case by **Martins Brook** and its tributaries. The drainage basin of Martins Brook includes the one-third mile strip north of Route 125 (referred to above); the marsh west of the Route 125 Interchange with Interstate 93 and north of Dorothy Avenue; lands

west of the Route 62 Interchange; and the area east of Woburn Street and north of Concord Street.

Martins Brook enters Wilmington one-third mile north of Salem Street from Martins Pond in North Reading, and flows westerly to the Electric Transmission Line, then southerly through the gravel pits and "Nod Pond" to the site of the Nod Mill, south of Salem Street. Nod Pond is in fact a bog surrounding the gravel-excavated drumlin described above. An irregular pond surface of approximately five acres is situated within the bog, at its southern end, just to the north of Salem Street.

South of Salem Street, Martins Brook turns east at the former Nod Mill and flows through a pond and gravel diggings to the North Reading Line. The north side of the Brook to Salem Street is a Town well field, and properties on the south side are included in the Hathaway Acres open space.

Gowings Brook joins Martins Brook in this section, some 800 feet west of the Town line. It rises in the wetlands of the Fordham Road Industrial Park south of Park Street and flows north to the eastern edge of the Barrows well field where it is joined by a stream (Barrows Brook) from west of Interstate 93. The well field is part of a larger wetland north of Park Street and east of Woburn Street. The combined streams flow northeasterly from their confluence, again through more wetlands to Martins Brook.

The total length of the major streams in Wilmington is approximately 21 miles.

Lakes and Ponds

Several ponds have been noted in the foregoing description including Silver Lake, a "Great Pond" with a manmade outlet to Lubbers Brook; and ponds on a tributary to Revah Brook and on Maple Meadow Brook; the Skating Club Pond, Nod Pond, another pond on the Textron property south of Lowell Street; Patch's Pond on the Canal; the pond at Biggar Avenue, one at the end of Kenwood Avenue, and other small ponds in the gravel excavated areas on both sides of Salem Street. There are also former cranberry bogs north and south of Shawsheen Avenue and north of the Town Hall. In addition, there is a pond in Rotary Park at the center of Town and in the northernmost section a part of Foster's Pond, a shallow lake of 135 acres that is almost entirely in Andover.

Silver Lake, at an elevation of 96 feet, is the largest natural pond in Wilmington. It has a surface area of 28.5 acres, and a shoreline of 4,000 feet. The lake is spring-fed and its watershed drains an area of 132 acres mostly west of the lake in both Wilmington and Tewksbury. The lake's average depth is 10 feet, with its deepest point of 30 feet at the eastern end near Route 38. Originally named Sandy Pond, the lake was the source of water for one of Wilmington's earliest saw mills. During the 1700's Thompson's Mill, located just to the south on what is now Glen Road, was supplied with waters diverted from the lake through a manmade ditch and from Lubbers Brook. Today overflows are released from Silver Lake to Lubbers Brook through the same small outlet channel.

From 1870 to the early 1920's as many as seventeen commercial ice houses operated along the shores of Silver Lake, supplying homes and businesses as far away as Boston with ice throughout the year. Today Silver Lake is mainly used for swimming, fishing, boating, and ice-skating. Town Beach, on the southwest shore is located at the former site of the Mildred Rogers Elementary School. The Recreation Department operates the beach and bathhouse during summer months, and hires seasonal lifeguards and water safety instructors. The department also has several

canoes available for rental on a daily basis. A small beach, nicknamed "Baby Beach" is located along Grove Street and near Town-owned land flanking the outlet. Baby Beach has no parking or lifeguard, and is used primarily by nearby residents.

Fishing is popular, with contests sponsored by the Recreation Department and various local non-profit groups. The state Department of Fish and Game stocks the lake with several species of trout. Yellow perch, chain pickerel, and sunfish are common, but the lake's lack of natural tree cover and fairly stagnant water make it a moderate fishery at best. A handicap accessible fishing pier was constructed in 2004 on the southwestern shore of the lake, not far from the main swimming beach.

In 1998 the Town closed the beaches for swimming on several occasions due to high fecal coliform counts. A water quality and biological assessment found that water quality overall had improved since a similar analysis done in 1987, but that storm water inputs and a growing population of waterfowl were sources of increased algal growth. A program to conduct water quality sampling on a continuing basis throughout the swimming season was developed. The Town received grant funds to install low-impact stormwater management improvements at the lake and along nearby roads in 2005-2006. These improvements resulted in improved water quality in the lake. The Town undertook an invasive aquatic plant control program in 2009 to control a severe infestation of Eurasian watermilfoil. Curlyleaf pondweed was discovered in 2010.

AQUIFERS AND AQUIFER RECHARGE AREAS

Groundwater

Wilmington once drew its entire municipal water supply from groundwater resources located within the Ipswich River watershed (See Map 6A). Because other communities downstream on the Ipswich River also depend on the river as a major source of domestic and industrial water, Wilmington's groundwater constitutes a regional resource. The Ipswich is considered to be one of the most stressed river basins in Massachusetts and was listed as the third most endangered river in the country by American Rivers in 2002. Its ability to continue to supply the region's growing communities has been the subject of numerous studies.

According to the Metropolitan Area Planning Council's ***North Suburban Water Supply Report, August 1992***, 17% of Wilmington's 4989-acre water supply recharge area is in neighboring communities (6% Burlington, 5% North Reading, 5% Billerica, and 1% Woburn). Conversely, Wilmington overlies significant portions of recharge areas for Reading (33%) and North Reading (21%). North Reading owns one acre of land in Wilmington for a water supply standpipe.

Town Meeting in 1991 approved Groundwater Protection Districts. Certain commercial activities and the use, storage, and disposal of certain hazardous materials within these overlay districts are subject to more intensive regulation. More recently the districts were amended to protect recharge areas for wells in neighboring communities.

The United States Geological Survey has recently completed a hydrological study of the Ipswich River. A newly designed computer model will allow the region's water suppliers and local planners to evaluate the effects on the river of various land use and water pumping scenarios.

In view of the many users that demand water from Wilmington's fixed groundwater supply, protection and conservation needs to be a priority. Our Open Space and Recreational Plan aims to preserve and protect the groundwater by acquiring and preserving open space. This plan will

work to protect this natural resource. Cooperation with surrounding communities is essential to ensure adequate drinking water quality and quantity.

Water Supply

How the Town manages its water resources is an important element of the OSRP. According to both the 1999 and 2006 surveys, the majority of respondents believe it is important or very important (**68% in 2006**) to protect open spaces to meet our water and conservation needs. The Town's development pressures and patterns along with financial commitment will have a significant effect on whether these goals are achievable.

The Town of Wilmington is implementing a Comprehensive Water Resource Management Plan (CWRMP). The CWRMP received final approval from the Executive Office of Environmental Affairs (EEA) in June of 2006. The CWRMP addresses the Town's water supply, stormwater management, and wastewater needs for a planning period from 2006 to 2025. Stormwater and wastewater were once viewed as something to get rid of as soon as possible. The scientific community, however, now recognizes the deleterious effect this can have on streams, wetlands, and water supplies. Sewer lines can "dewater" aquifers by transporting more water outside of its basin than is recharged from precipitation and septic systems. Impervious surfaces and old stormwater systems send "run off" away quickly, exacerbating the problem by curtailing or eliminating crucial groundwater recharge to wetlands and waterways. Current stormwater systems increase peak flows of rivers, worsening flooding of downstream receptors. The CWRMP attempts to reverse these practices and change past mindset by placing a much higher value on stormwater and wastewater as water resources.

The CWRMP was initiated by EEA in response to the stressed conditions of the Ipswich River. The stress is caused by contributing factors: water withdrawals, loss of recharge from increased impervious surfaces and dewatering from sewers lines. The river and its surrounding wetland and upland resources can no longer support the full, current and future, demands of the Town. The Ipswich is considered by the State as one of the most stressed river basins in Massachusetts. The CWRMP's goals are to address these issues while at the same time striking a balance between growth demands, and protection and restoration of the Ipswich River, its headwater tributaries, and Wilmington's drinking resources. In order to achieve these goals the Town secured an alternative supplemental water supply with the MWRA.

In addition to the stresses on the Ipswich River and its headwater tributaries, the Town has also lost production of the Maple Meadow Brook aquifer (5 wells) due to contamination emanating from the former Olin Chemical site at 51 Eames Street. The CWRMP also addresses this additional burden on the municipal water supply. Since the Town has had to discontinue use of the Maple Meadow Brook Aquifer (MMBA) indefinitely, and although investigation of treatment of that contamination as an option is ongoing, those wells cannot be considered a reliable long-term supply. The Town replaced the lost capacity by obtaining a permanent full time MWRA connection primarily for use during the summer months. Attempts will be made to maximize MWRA water during times of low rainfall within the Ipswich River Basin. A By-law is being developed to limit areas of sewer expansion to locations that cannot use Title 5 systems efficiently.

Due to the loss of the Maple Meadow Brook Aquifer, it becomes a paramount goal, shared by the majority of survey respondents, to protect Wilmington's remaining water resources and allow the Town - to continue using its local resources.

FLOOD HAZARD AREAS

Floodplains are delineated on the basis of topography, hydrology, and development characteristics of the area. The Federal Emergency Management Agency (FEMA) updated the Flood Insurance Rate Maps (FIRM) maps in 2010 and 2011. Map 6B shows areas subject to flooding in Wilmington.

WETLANDS

The wetlands of Wilmington are a dominant topographical feature. Once covering more than 25% of the Town's total land area, Wilmington's swamps, bogs and other permanent or perennial wetlands are still the dominant natural feature. They are generally of moderate area (25-75 acres) and interspersed between higher formations. Several large open swamp areas occur, however. The wetlands of the northwest along the Tewksbury line and west of Interstate 93 cover approximately 250 acres.

Most of the wetlands are contiguous to streams or linked to them and are thus constituents of the flood plain. Because of the high organic and vegetative character of these wetlands, there is a high degree of surface water retention during storm runoff--a built in flood protection mechanism. Air photographs taken by the US Geological Survey three days before the crest of the March 1968 flood indicate that inundation along the Ipswich River had occurred almost entirely within the same areas identifiable as wetlands during non-flood periods. Wetlands are also valuable for water filtration and wildlife habitat.

These drainage systems, brooks and ponds, with their attendant wetlands and flood plains have a special significance in relation to water supply, not only for Wilmington but also for neighboring communities. Due to the increased development throughout the greater Boston region, however, these areas are under constant pressure from encroachment and fragmentation, which disrupts their natural functions and diminishes their effectiveness in protecting our surface and groundwater resources.

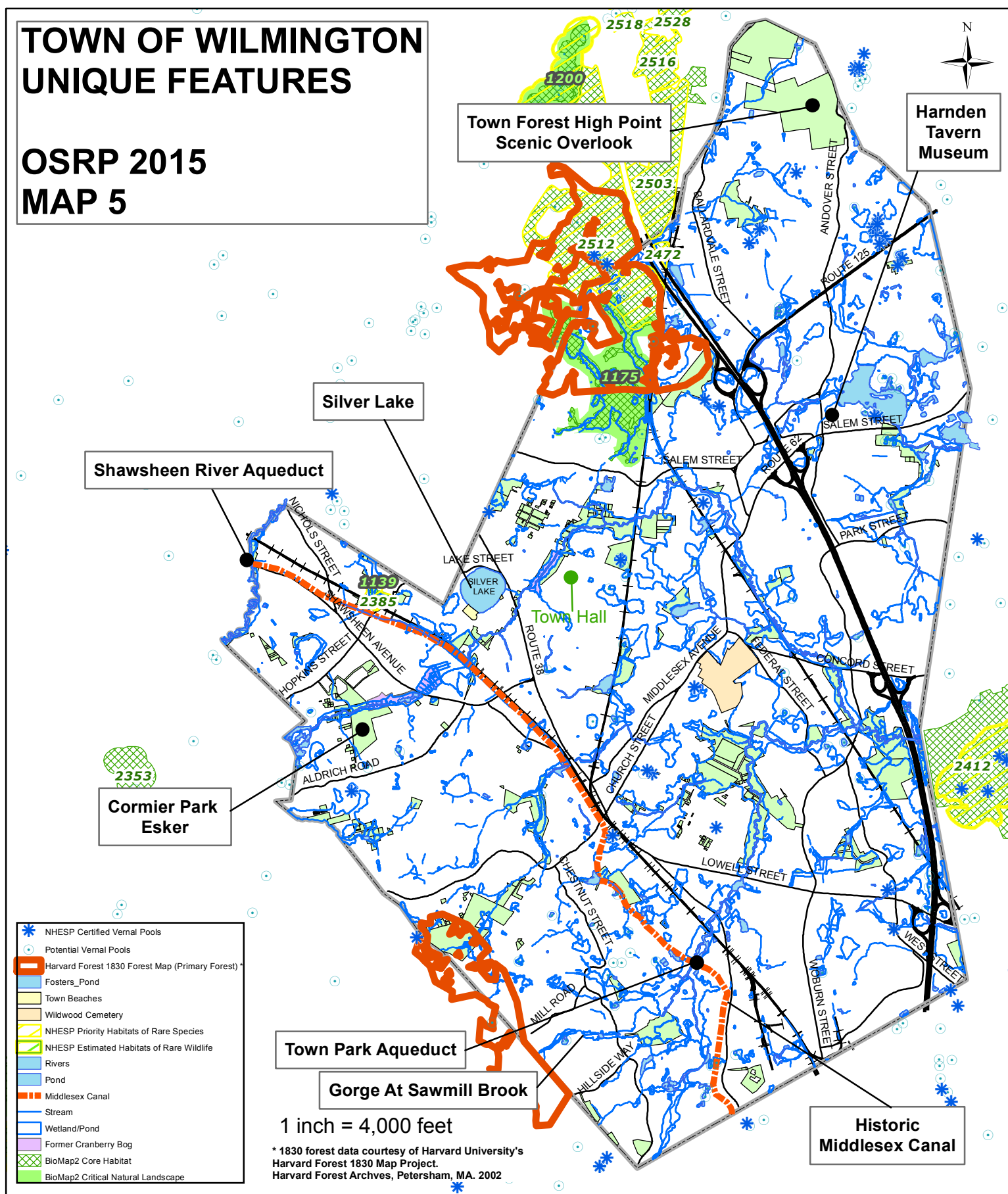
VERNAL POOLS

Vernal pools are isolated wildlife habitats used by amphibians and invertebrates to breed. Vernal pools, temporary woodland ponds, typically fill with rain water and groundwater in the fall or early winter and remain ponded through the spring and into summer. Vernal pools typically dry out by the middle or end of summer each year, or at least every few years. Drying of the pool is an important feature, since it prevents fish from establishing permanent populations, helping to ensure better survival of the vernal pool species by eliminating fish predators. Because vernal pools are isolated by nature, typically not "connected" to water bodies, they are not protected under the Wetland Protection Act. In order to protect these isolated wetlands, a pool must be certified with the Natural Heritage and Endangered Species Program, a Massachusetts Division of Fisheries & Wildlife. Certification provides a vernal pool, and up to 100 feet beyond its boundary in some cases, certain protection under several state and federal laws. Originally defined and protected under the Massachusetts Wetlands Protection Act regulations, Certified Vernal Pools now also receive protection under Title 5 of the Massachusetts Environmental Code, Section 401 of the Federal Clean Water Act, the Massachusetts Surface Water Quality Standards which relate to Section 401, and the Massachusetts Forest Cutting Practices Act. The Department of Environmental Protection (DEP) is responsible for the implementation of these regulations (except for the Forest Cutting Practices Act, administered by the Department of Environmental Management), and has

designated specific staff as vernal pool liaisons. Once certified, the pools are then recorded, inventoried and added to the Massachusetts GIS/Database.

Wilmington currently has twenty-seven certified vernal pools (CVP), and a number of potential vernal pools (PVP) need to be confirmed. Certifying the PVPs would provide more protection to these wetlands and the species that use them. There are several clusters of CVPs/PVPs, which provide extra habitat value for the species that use them since each pool is somewhat different and provides alternate habitats in different years and seasons. Clusters of vernal pools are good targets for conservation protection, especially when on or near existing conservation land or part of likely Primary Forest (described later). Any such lands already protected are good sites for biodiversity and good cores for larger properties.

MAP 5: UNIQUE NATURAL FEATURES MAP

OSRP 2015
MAP 5

MAP 6A: WATER RESOURCES MAP

TOWN OF WILMINGTON WATER RESOURCES

OSRP 2015
MAP 6A

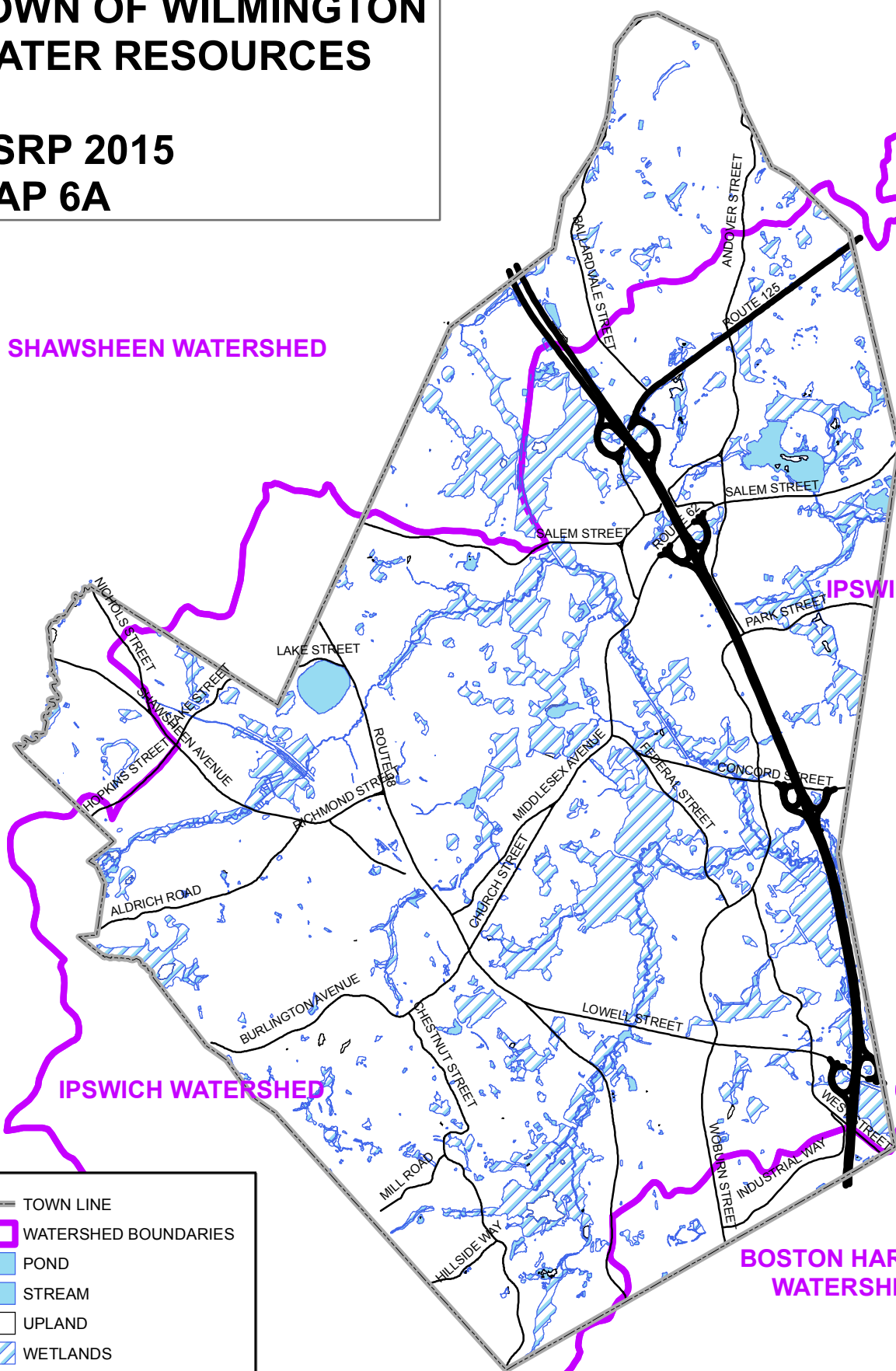
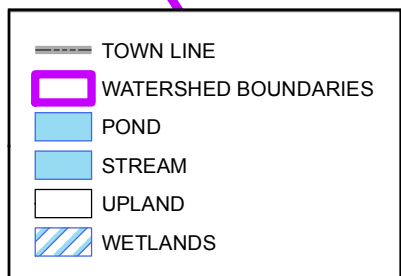


SHAWSHEEN WATERSHED

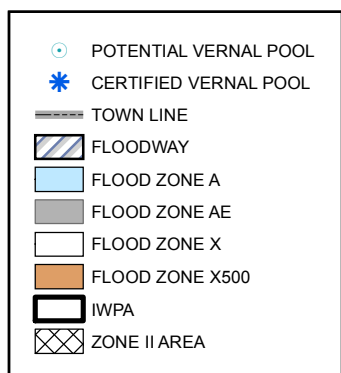
IPSWICH WATERSHED

IPSWICH WATERSHED

BOSTON HARBOR
WATERSHED



MAP 6B: WATER RESOURCES MAP

OSRP 2015
MAP 6B

Vegetation

The variety of vegetation that exists throughout the Town ensures a balanced ecology in the natural environment. This is of benefit not only to the birds, mammals, and other animal life, which depend on the health of the environment, but for humans as well, who enjoy the benefits a healthy environment affords, from the control of insect pests by birds and fish, to the control of rodent populations by natural predators.

GENERAL INVENTORY

Although much of Wilmington is developed, natural vegetation continues to provide habitat for a variety of ecosystems and wildlife and to contribute to the scenic character of the Town. Mature woodlands add to the value of residential neighborhoods and help filter out airborne constituents of auto and industrial exhaust. As much as 3,400 acres, or almost one-third of the Town are still forested with a mixture of conifers and hardwoods

Aside from their ecological value, the wooded and marsh landscapes of Wilmington have definite aesthetic value for residential and business neighborhoods and provide privacy. Where woodlands have been preserved in residential neighborhoods, this value is well apparent. In the future, the Town may consider joining the National Arbor Day Foundation's "Tree Town USA" program, which encourages proper planting and care of trees to beautify parks, neighborhoods, streets, and other public spaces.

FOREST LAND

According to the *Ecology of Eastern Forests*, Wilmington lies in a region dominated by the northern hardwood forest with species more typical of the oak-hickory and northern pine-oak associations also represented. American beech, northern red oak, sugar maple, Norway maple, scarlet oak, white oak, striped maple, ash, larch, eastern hop hornbeam, shagbark hickory, sycamore, and white, yellow, and gray birch are among the hardwoods that grow in Town. Red maple abounds on the marsh edges and along the Town's brooks. Remnants of the "Cedars of Lebanon" that grew across northern sections of Town from Middlesex Avenue north past Salem Street still remain, as does a fine stand of swamp white cedar located to the southeast of Wildwood Cemetery. Other evergreens include large stands of white pine, red cedar, Norway spruce, and eastern hemlock. A large variety of "specimen trees" adorn streets and yards as they do in many other New England communities, but the stately elms and chestnuts that graced streets and yards in prior years have disappeared, victims of Dutch Elm disease and the more recent chestnut blight.

Many wildflowers proliferate in the woods and wetlands of Wilmington. Jack-in-the-pulpit, ginseng, whorled loosestrife, Canadian Mayflower, teaberry, meadow rue, yarrow, wild mint, early meadow rue, wild sarsaparilla, pokeweed, jewelweed, false Solomon's seal, speedwell, smooth Solomon's seal, Indian pipe, pink lady's-slipper, partridge berry, spotted wintergreen, pipsissewa, St. John's wort, starflower, trillium, bunchberry, rue anemone, wood anemone, swamp dewberry, bluets, and wild geranium are just a few.

PUBLIC SHADE TREES

Wilmington regulates public shade trees under MGL. Ch. 87, requiring permission from the Tree Warden to remove any public shade tree. A Tree Warden was appointed in November 2013. He

is the Operations Manager, a Certified Arborist. He investigates complaints filed by residents and evaluates trees at the request of other Town departments. The Department of Public Works has a planting program and replaces damaged public shade trees at residents' request. The Planning Board also has a public tree fund and requires new residential subdivisions to be planted with street trees. The Planning Board through site plan review also requires interior landscaping that includes deciduous trees for parking lots for 40 vehicles or more.

AGRICULTURAL LAND

Wilmington was once populated with a number of farms. There is currently only one farm under the Chapter 61-A tax program, Foley Farm, a 5.6 acre parcel in the eastern part of Town with a small self-serve produce stand. Sciarappa Farm, a 62.5 acre parcel that abuts the Town of Andover is not currently under the Chapter 61 program and has been inactive in recent years. Krochmal Farm, a commercial piggery, straddles Wilmington and Tewksbury but is not under the Chapter 61 program for its Wilmington acreage.

WETLAND VEGETATION

Wilmington's wetlands are host to a great diversity of vegetation. Winterberry, sweet pepper bush, speckled alder, silky and red osier dogwood, swamp azalea, spicebush, tussock sedge, soft rush, reed canary grass, arrow arum, water arum, blue flag, yellow flag, high-bush blueberry, barberry, greenbrier, skunk cabbage, arrow wood, buttonbush, sensitive, ostrich, royal and a variety of other ferns are among the many plants that thrive in these wet environments. Purple loosestrife and phragmites, two non-native invasive species, have, unfortunately, taken root in many wetland areas.

The marshes - treeless forms of wetlands - possess attractive characteristics of their own. Tall grasses, sedges, and other low plants are part of the low carpets that border meandering stream sections and areas of poor drainage. Where roads or settled areas are adjacent to marshes, a potential exists for framing marsh views in suitable ways with selected tree plantings at the edges. Some roads that traverse marshes are lined with invasive plants that could be replanted with indigenous plants and trees.

The tallest pussy willow of record was identified in Wilmington in 1969 at a height of 35 feet, on Andover Street near Brown's Crossing.

RARE AND ENDANGERED SPECIES

According to the Massachusetts Natural Heritage and Endangered Species Program (MNHESP) the following vascular plant species were last observed in Wilmington:

Species	Common Name	Status	Year
<i>Arceuthobium pusillum</i>	Dwarf Mistletoe	Special Concern	1903
<i>Asclepias purpurascens</i>	Purple Milkweed	Endangered	1886
<i>Calamagrostis pickeringii</i>	Reed Bentgrass	Endangered	1899
<i>Scirpus longii</i>	Long's Bulrush	Threatened	2001
<i>Utricularia resupinata</i>	Resupinate Baldderwort	Threatened	1869

As of the 2013 revision, however, only Long's Bulrush has been documented in recent years. Long's Bulrush is a grass-like plant of peatlands. The peatlands that Long's Bulrush grows in

require low nutrient, cold waters to be maintained. Since the NHESP lists many additional plants in neighboring communities, a more thorough inventory in Wilmington is needed to establish whether additional endangered and threatened species actually grow locally.

Fisheries and Wildlife

The rich variety of wetland and upland habitats in Wilmington support many wildlife species that have disappeared from other communities in the Boston region. Some species that were displaced by development in the past are reappearing while others are in danger of losing their local breeding grounds as today's development encroaches on their habitats. Deer, raccoon, beaver, mink, otter, muskrat, and red fox can be found within the Town, in addition to the ubiquitous chipmunk and gray and red squirrels. Sightings of coyotes, "fishercats" and even an occasional bobcat or moose are becoming more frequent. Among the reptiles and amphibians, milk and garter snakes are found in all parts of Town, and water snakes, newts, salamanders, and several turtle species can be located in the stream environments.

Among the most common nesting birds are wood duck, goldfinch, phoebe, robins, juncos, blue jays, grackles, mockingbirds, catbirds, Carolina and house wrens, cedar waxwing, red-winged black birds, rough-winged swallows, cardinals, northern orioles, great blue herons, crows, chickadees, tufted titmice, white and red breasted nuthatches, brown creepers, hairy and downy woodpeckers, along with yellow shafted flickers, song, chipping, and white throated sparrows, mallard ducks, the introduced non-migratory Canada goose, belted kingfisher, red-tailed hawks, broad-wing hawks, Coopers hawk, barred owls, and great-horned owls. The mix of upland and wetland topography still provides an inviting stopover for migrant warblers, waterfowl, and various songbirds. Scarlet tanagers, although not abundant, have been spotted many times during nesting season in several locations along with indigo buntings, green herons, night herons, and solitary sandpipers. Black duck, geese, and other waterfowl favor many streams and pond areas. Wild turkeys are also making a comeback. Many of the above species exist in Wilmington because they are finding suitable habitat.

Fishing potential of the Shawsheen and Ipswich Rivers is good, although fishing in Wilmington's smaller streams has declined over time, due to seasonally low levels of dissolved oxygen and/or low flows. In some sections of the Ipswich, in particular, river species have begun to give way to species more typical of ponds and still water fisheries. The State stocks both Silver Lake and the Shawsheen River with trout. Hornpout, pickerel, bass, perch, and sunfish are present in Silver Lake, and local children enjoy fishing in many of the smaller ponds throughout Town.

VERNAL POOLS

Vernal pools, described earlier, are another valuable natural resource in Wilmington. Spotted turtles, the spotted and blue spotted salamanders, wood frogs and other amphibians use these pools for reproduction. The crustacean, Fairy shrimp, is an obligate species, meaning it cannot live or reproduce anywhere else. Clusters of vernal pools are good targets for conservation protection, especially when on or near existing conservation land or part of likely Primary Forest (described below.) Any such lands already protected are good sites for biodiversity and good cores for larger properties.

CORRIDORS FOR WILDLIFE MIGRATION

Wildlife corridors are areas of contiguous tracts of land that provide habitat suitable to accommodate wildlife migration patterns. Major wildlife corridors in Wilmington occur in some of the larger woodland areas and along the wetland/stream complexes continuing into adjacent Towns. One woodland area includes the Town Forest and Camp Forty Acres bordering Andover continuing to wetland areas of Foster's Pond then to the Sciarappa Farm and on to Water Department land to Benevento's gravel pits, Martins Pond and Brook abutting North Reading and on to three of Wilmington's well fields out to Fordham Road closer to the Reading Town line. Barriers along this corridor include Rte. 125, some of the quarry and processing operations at Benevento's, Martins Brook, Salem Street, the culvert under Salem Street at Martins Brook and Park Street. A second corridor includes land between Tewksbury and I-93. Barriers in this area include the two railroad lines, I-93 and larger streams. A third corridor includes a stream from the Boutwell Street area to wetlands in Billerica and Burlington to Lubber's Brook to Shawsheen Avenue and the railroad line on to Main Street past Town Hall to two railroads, then along the second railroad to Concord Street and Woburn Street to I-93 into Reading and North Reading. Barriers along this corridor include Boutwell Street, Aldrich Road/Cook Street, Shawsheen Avenue, railroads, Main Street, Middlesex Avenue, Concord Street, Woburn Street, and I-93.

A final corridor runs along the boundaries with Burlington and Woburn and continues in three fingers that eventually join with Lubber's Brook. One finger follows the Ipswich River, one follows Saw Mill Brook and the last comes from the Burlington reservoir joining into Maple Meadow Brook. There is a smaller corridor between Saw Mill Brook and Marion Street and another between Maple Meadow Brook and Floradale Avenue. Barriers again include railroad, main roads and larger streams.

For a Town as developed as Wilmington, the large tracts of forest are a significant asset and provide significant wildlife migration corridors. Barriers are problematic to these corridors and efforts to provide safe wildlife passage under transportation corridors are important.

RARE, THREATENED AND ENDANGERED SPECIES

According to the Massachusetts Natural Heritage and Endangered Species Program, the following wildlife species were last observed in Wilmington:

Species	Common Name	Status	Year
INVERTEBRATES			
<i>Acronicta albarufa</i>	Barrens Daggermoth	Threatened	1910
VERTEBRATES			
<i>Notropis bifrenatus</i>	Bridle Shiner	Special concern	1928
<i>Terrapene carolina</i>	Eastern Box Turtle	Special concern	2005

As with the plants listed above, only the Eastern Box Turtle has been documented recently. Eastern Box Turtles use wetlands on hot summer days, but are primarily species of upland forests. They nest in open, often sandy, areas. As with many turtle species, Box Turtles use vernal pools as part of their habitat. To continue to have good populations of the recently delisted Spotted Turtle in Massachusetts, protecting areas with good populations, such as wetland forests are important. Again, since the NHESP lists many additional birds, reptiles,

insects and fish for Wilmington's abutting communities, a more thorough inventory in Wilmington is needed to establish whether other endangered and threatened species also occur locally.

Scenic Resources and Unique Environments

SCENIC LANDSCAPES

Wilmington's scenic character is a product of natural conditions and the built environment. While there are no DEM Scenic Landscape sites in Wilmington, several notable areas provide scenic views. Corridors along the streams, marshes and swamps of Wilmington provide excellent views of wildlife, vegetation, and the Town's many streams. The hills of the Town Forest provide sweeping views of the region, with the skylines of Boston and Worcester visible on a clear day. Several of the Town's original narrow, winding roads still retain their colonial charm with views of antique homes, stonewalls, and former farms. Although sections have been widened to deal with current traffic requirements, these roads include Chestnut Street, Church Street, Middlesex Avenue, and Wildwood Street.

PRIMARY FORESTS AND BIO MAP CORE AREAS

Wilmington is one of the Towns with maps showing areas forested in the 1830s and in 1999, areas of possible Primary Forest, untilled woodlots and wooded pastures. Map 5 shows two of these areas: one is in the northwest part of Town just southwest of I-93 and the other along the line with Burlington where both Towns have some conservation land. Such lands have greater biodiversity than areas that have been tilled. These are not Old Growth, they have been harvested and pastured, but the ground may not have been tilled. Although a great deal will have gone on in those areas in the time between maps, some areas that were forested in both times were never tilled. Surveys of the soil structure in the individual sites are necessary to determine whether those sites are primary forest. The importance of primary forest is that such sites retain more native biodiversity than sites that have been tilled: soil fauna and flora, microorganisms and plants that reproduce primarily vegetatively contribute to the higher biodiversity. In addition, a variety of species of wildflowers are more common in untilled forests than previously tilled lands. The areas of 1830s forest on private land would be good targets for conservation acquisition to maintain the biodiversity of the Town and region.

Passage of the Conservation Design Subdivision allowed for the protection of two areas of untilled woodlots in North Wilmington as part of the open space provided in the McGrane Woods Subdivision and the extension of McDonald Road Subdivision.

Map 5 shows the BioMap core areas (*between Lake Street and Ohio Street*) as mapped by Natural Heritage and Endangered Species Program (NHESP) to identify the areas of most importance for biodiversity: they are based on known locations of rare species and uncommon natural communities, and incorporate the habitats needed by rare species to maintain the local populations. Map 5 shows Priority and Estimated Habitats (*off Lake Street and west of I-93*), which in contrast to BioMap areas, are regulatory. The habitat maps are updated regularly, while the BioMap report is static (issued 2001 and 2010), so the latter misses some of the most recently identified rare species areas. Priority Habitats are drawn for all rare species. Estimated Habitats are a complete subset of Priority Habitats that focus on habitat of rare wetlands wildlife.

Large unfragmented conservation land provides the best opportunities to maintain populations of species and limit further species loss from the Town. Land protection that ties in with open space in other municipalities, and other protected open space, public or private is one way to provide important large areas of biodiversity protection. In Wilmington, there are several BioMap areas – the most important areas to protect to maintain the biodiversity of the Town, region, and state. The Town already has some conservation land near the BioMap core areas – continuing to protect land within the core area will enhance the habitat value of existing conservation and park land. The large BioMap Core and Priority Habitat in the eastern part of Town (PH1067 and C499) cover land mostly in adjoining Towns, but there is some conservation land in Wilmington that supports the habitat.

Management and monitoring of conservation lands is as important as is acquisition and protection. Wetlands particularly need to maintain their natural water regime, including normal fluctuations and connections with the uplands and other wetlands. Water quantity and quality are ongoing issues for wetlands. Another aspect of managing conservation lands that is important in many areas is controlling invasive non-native species that alter the habitat and occupy space that native species would otherwise use. NHESP recommends monitoring conservation land and removing non-native species before they become a problem and impact native species. It must be recognized that removing non-native species may require permits and should be done as an on-going program or it may cause more problems than it solves.

MAJOR CHARACTERISTICS OR UNUSUAL GEOLOGIC FEATURES

Wilmington has a gentle landscape of rounded hills, broad lowlands and abundant wetlands. Higher elevations and steeper slopes lie in the north area of Town near the Andover Town line, and to the southwest along the border with Burlington. Silver Lake is likely the Town's most recognizable geologic feature, a natural pond of 28 acres. This Great Pond is both an iconic landscape in Town as well as a popular recreational asset.

CULTURAL, ARCHEOLOGICAL AND HISTORIC AREAS

Wilmington has five houses, five historic districts and the Middlesex Canal listed on the National Register of Historic Places (NRHP) and several other homes and areas are eligible for listing. Houses listed include the Colonel Joshua Harnden Tavern (c. 1770), the West Schoolhouse (1895), the Boutell-Hawthorn House, the Butlers-Avery House, the Ephraim Buck House, and the West School House. Districts listed which encompasses many historic buildings, monuments and cemeteries are the West Centre Village District, Church Street Historic District, High Street Historic District, Gowing-Sheldon Historic District and Buck's Corner Historic District.

Nearly 100 homeowners participated in the Historical Commission's "Plaque Program" demonstrating Wilmington's architectural evolution.

Commemorative monuments honoring veterans killed in action are located around Town:

Monument on Town Common (All Wars)
Vietnam Veterans Memorial-Public Library
Robert W. Parent Memorial- Old Town Hall
Rogers Park- Middlesex Ave and Glen Road
Ronald Eaton Square- Glen Road and Main St.
John J. Fullerton Jr. Memorial- Grove Ave. Beach
PFC John F. Landry Jr.- Silver Lake on Main St.
Richard Welch Memorial- Main St. and Bridge Lane

Old Soldiers Lot- Wildwood Cemetery
Simpson Lot- Wildwood Cemetery
Police Station Monument
Memorial Shrine- St. Thomas
John A. Rich Memorial- Lowell St.
Lubbers Brook- Main St.
Regan Park- Salem St.
Drew Square- Woburn St. and West St

Nee Park- Burlington Ave. and Chestnut St.
Berrigan Park- Lower Main St. and Cook Ave.
Butterworth Square- Federal St. and Concord St.

UNIQUE ENVIRONMENTS

While there are no Areas of Critical Environmental Concern (ACEC) in Wilmington, the Town's extensive water resources, including wetlands, rivers and streams, and Silver Lake are highly valued.

Wilmington is home to a narrow gorge through which Saw Mill Brook flows, to several former cranberry bogs along Lubbers Brook that provide scenic vistas from the roads. The Town's highest point in the Town Forest provides scenic views toward Boston and other Towns.

Environmental Challenges

HAZARDOUS WASTE AND BROWNFIELD SITES

As with many communities in Massachusetts, Wilmington is faced with a number of environmental problems related to past land use practices, which have resulted in hazardous waste and brownfield sites. These contaminated sites along with former landfills present environmental constraints to where open space and open space links can be provided.

Hazardous Waste Sites: Currently 242 releases of oil or other hazardous materials, some dating back to 1986, are listed on the Massachusetts Contingency Plan's (MCP) Site List for Wilmington. About 61% of these sites achieved RAO status, meaning substantial hazards were eliminated (however, 3% of these have activity and use limitations and 4% need periodic evaluation). While many of the incidents have been relatively minor and their files at the Department of Environmental Protection are considered to be in compliance or closed, several extensive releases of hazardous materials are affecting drinking water supplies.

- Chemicals from the GE site in Wilmington are responsible for contaminating North Reading's Stickney Well in the 1980's, and, along with releases of volatile organic compounds from several other businesses on Concord Street, threaten Reading's 100 Acre Wellfield directly across the Ipswich River.

Olin Chemical Corporation, a Tier 1A site (the most severe category under the MCP), was under direct supervision of DEP. It became a federal superfund site in 2006, and Olin will be working under EPA direction to clean up the site on Eames Street, where former owners of the property disposed of a host of chemicals. During the fall of 2000, Olin began removing remnants of drums and barrels from the property and continued to operate an on-site system to remove oil from the groundwater that flows southerly toward Woburn.

LANDFILLS

Prior to joining the Northeast Solid Waste Consortium (NESWC) Wilmington contracted with the Spinazola family to dispose of residential solid waste on property located on Route 38 (Main Street) in south Wilmington. The Spinazola's dump, now called the Maple Meadow Landfill, operated from 1955 to 1975, when it was ordered closed and capped. The site was never

capped, however, and some dumping continued, along with illegal wetlands filling, into the 1990's. In 2000 the DEP and the Spinazola family negotiated an agreement to conduct a site assessment and initiate capping of the old dump. Investigations to determine the extent of dumping into wetlands and on adjacent properties remain stalled due to ongoing legal proceedings, and monitoring wells to determine the extent of contamination in the groundwater migrating toward the Chestnut Street and Butters Row wells have been installed.

A former private landfill along the Tewksbury border north of Salem Street has been under investigation by the DEP and the U.S. Environmental Protection Agency. Officials have determined that several properties in North Wilmington adjacent to Tewksbury's Rocco's Dump contained high levels of contaminants. Rocco's Dump is now on EPA's website as Sutton Brook Disposal Area superfund site. Cleanup operations on the Wilmington properties were conducted in the summer of 2000. Most of the ground water in the area flows towards Sutton's Brook in the Shawsheen River watershed and does not pose a threat to Wilmington's drinking water.

The old Wilmington Town Dump on Salem Street near Martins Brook has not operated in many years and was transferred to the care and custody of the Water Department along with several other adjacent properties in 1964 when the Town Meeting voted to establish the Salem Street Well. The DEP visited and reviewed this site determining no hazardous situation, no need for an official closure and no impact on the environment. Both Wilmington and North Reading have operated municipal wells just downstream on Martins Brook for several decades. Both communities test the water from these wells as directed by the DEP and the EPA and have found no contamination.

Unfortunately there are also many small, private "dumps" scattered throughout Wilmington, especially in remote areas. Tires and landscaping debris are very common, and to a lesser extent, building materials, car parts, and even whole automobiles. The Town provides scheduled hours at the recycling center in South Wilmington for leaves, and small brush. It no longer accepts grass clippings. The composted material is available to homeowners for re-use. Operating hours are limited to a day and a half per month in summer, increasing to twice a week in late fall and May. The DPW accepts used motor oil along with computers and televisions, which have been banned from landfills and incinerators. With help from state regulators, the Town, especially through the Board of Health, has educated homeowners and small contracting businesses, especially landscapers, in refraining from disposal of illegal material in inappropriate areas.

Sand and Gravel Operations: With the construction of Interstate 93 in the late 1950's several areas near the new highway were mined for sand and gravel. Due to the geologic reality that prime aquifers for water supply are composed of sand and gravel deposits, a number of these gravel pits are located within the Zone IIs of major well-fields for Wilmington, Reading, and North Reading. As of 1970 it was estimated that more than 300 acres in Wilmington had been excavated. Some of these have since been "reclaimed": In 1968-70 Wilmington received self-help funding to acquire the area south of Salem Street and westerly of Martins Brook and undertook a major reclamation project involving regrading and replanting the land, which now provides the Hathaway Acres neighborhood with a buffer and protects the large wetland system and Salem Street Well at the confluence of Martins and Gowing's Brooks. More recently the Drinkwater property along the Ipswich River and Concord Street has been developed into a commercial office and warehouse complex. Restoration of the riverbank and natural flows

through that region, however, will require a major engineering project on a regional level, and is beyond the scope of this plan.

Several gravel pits east of Martins Brook and at the corner where Andover, North Reading, and Wilmington meet along Route 125 remain denuded and barren. They attract dirt bikers and ATV's, and show some signs of wildlife but will require a concerted effort to be restored. These two areas are within the Zone II of two separate wells in North Reading, and may actually fall within the Zone I

The most problematic area, however, is the Benevento and Heffron mining and soil stockpiling operations north of Salem Street which lie just upstream and immediately adjacent to the Brown's Crossing Well-field. DEP required Heffron to remove stockpiled material from the floodplain and restore wetlands and floodplain on its land and on adjacent conservation land, which was done between 2004 and 2006. In addition, within the last several years Heffron Materials has been importing and stockpiling soils from outside of Wilmington and operating an asphalt batching plant. For many years the Beneventos have owned and operated the sand and gravel operation along Martins Brook and bounded by Andover Street, Route 125, and the North Street/Virginia Road neighborhood in North Reading. The forests have been cut, and the sand and gravel removed. The wetlands associated with Martins Brook have been damaged and in some cases completely removed under the regulatory jurisdiction of the U.S. Army Corps of Engineers. The natural vegetation along the brook has been destroyed, and the stream has been culverted along a portion of its course through the property. Much of the area has been mined down into the water table. Operations are currently underway closer to the intersection of Andover Street and Route 125, and are approaching Water Department and other Town-owned land. Both businesses filed incident reports under the MCP in the past.

If some portion of the contaminated properties in North Wilmington and other parts of Town can be remediated to safe levels, then there is also the possibility that these properties could be put to use for active recreation purposes. A number of factors need to be considered including, but not limited to, access to the property, the type and extent of contamination of the property, the cost of remediation, and the level to which remediation can reduce potential exposure to environmental hazards. It is also possible that money generated by remediation activities, resulting from, for example, payments by landowners and responsible parties, or funding from state agencies could be used to acquire or enhance open space and recreation facilities in other areas of the Town.

EROSION AND SEDIMENTATION

Erosion is defined as the wearing away of the land surface by running water, wind, ice, or other causes. Sedimentation is the deposition of soil particles that have been transported by water and wind. Unchecked, erosion and sedimentation can contribute to on and offsite damages including increased stormwater runoff and decreased water recharge, unstable stream banks, impaired water bodies, air and water pollution and others. Massachusetts DEP and the federal EPA have adopted rules (Stormwater Standards) to prevent erosion, control sediment movement and stabilize exposed soils to prevent pollutants from moving offsite or entering wetlands or waters, and to require plans that document how pollution is managed at construction and land disturbance sites.

While there are no known areas of chronic erosion or sedimentation in Wilmington, all development sites that disturb the land are required to meet state, federal and local stormwater standards.

Additionally, the Town implemented a local Stormwater Bylaw in 2009 which requires infiltration on commercial and residential parcels in an effort to control stormwater, provide treatment, increase groundwater recharge and decrease flooding.

PERIODIC FLOODING

While not a widespread problem in Wilmington, flooding certainly occurs in some parts of town, particularly in areas where houses were built in or near wetlands. Many homeowners must deal with basement flooding during wet springs or in rainy spells. Maple Meadow Brook overflows Wildwood Street *when the river is already high and a major rain occurs* (Oct. 1996, June 1998, March 2001, May, June 2006, March 2010), the Ipswich River flows over Canal Street and the parking lot along Main Street built in its floodway, and Lubbers Brook has flooded Concord Street. There also is periodic flooding in other parts of town.

Historically Wilmington's extensive wetland system is credited with retaining storm flows and absorbing runoff. As the town develops, and more land is rendered impervious, the natural hydrology of the area will be altered so that less water is recharged into the ground, thus causing higher flood water levels and more rapid runoff into Wilmington's brooks and streams. In addition, fragmentation of the wetlands will lessen their ability to store storm water, resulting in higher flood peaks and lower groundwater reserves. Wilmington Conservation Commission has required recharge for roof runoff for houses in subdivisions as well as in the buffer zone to wetlands for many years. More importantly, the Town is implementing a storm water by-law passed in 2009, which requires infiltration for disturbance for any project of 20,000 s.f. as well as a residential footprint increase of 600 s.f. in an effort to increase groundwater recharge and decrease flooding.

DEVELOPMENT IMPACT

Most new development has some impact on the environment although impacts can be minimized by strict enforcement of federal, State and local environmental regulations. Impacts occur during construction as vegetation is altered and topsoils are disrupted allowing wind, rainfall and snowmelt to increase erosion and sedimentation. Ongoing major impacts are an increase in impervious areas which can contribute to flooding, reduced groundwater recharge, and increased storm water runoff, pollution potential from industrial processes, loss of open space, tree canopy, and wetlands. The Town's Ground Water Protection zoning by-law, Conservation Design Subdivision by-law and Storm Water Management by-law were enacted in response to an awareness of these impacts and in an effort to minimize them to the extent possible.

Wilmington's rapid residential growth and continuing demand for commercial space and residential development is putting pressure on the Town's natural resources, especially water. The Town's population is 22,500 inhabitants as of 2012.

Continued growth pressures are resulting in new building on lots once considered to be substandard, or too costly to develop. Many of these have wetlands or ledge, making them unsuitable for traditional septic systems. Recent changes in septic system regulations, design and technology have allowed some lots to support septic systems, which would not have been possible in the past. The increased demand for expanded sewer service results both in more impervious surfaces, decreasing recharge of precipitation, and in more wastewater being exported from the Ipswich River Watershed, thus exacerbating the river's low flows and stressed condition. Approximately 18% of Wilmington's residences are sewerage to the MWRA's Deer

Island facility and three of the Town's four major industrial areas are also connected to the sewer system. Between infiltration and inflow of ground water and the municipal water discharged to the MWRA sewer system, there is on average less than 1.2 m.g.d. not recharged locally. A newer concern is snow being trucked off site, possibly out of the watershed, due to expansion of commercial development.

GROUND AND SURFACE WATER POLLUTION

Water pollution can generally be described in terms of nonpoint source pollution and point source pollution. Point source pollution refers to pollution that is attributable to a single identifiable, localized source such as a discharge pipe. Nonpoint source (NPS) pollution comes from many diffuse sources and is caused by rainfall or snowmelt moving over and through the ground. As the runoff moves, it accumulates natural and manmade pollutants that are ultimately deposited into water bodies such as wetlands, lakes, rivers and coastal waters, or find their way into underground water sources. Pollutants can include sediment from construction or other unprotected sites, fertilizers, oils, and other toxic chemicals, and bacteria and nutrients from pet and livestock waste, as well as failed septic systems.

Nonpoint source pollution is a major cause of water quality problems both in Massachusetts and nationwide. The most effective means of controlling nonpoint source pollution is through thoughtful land management and includes tools such as Low Impact Development and Smart Growth strategies and bylaws, protective zoning, and best management practices for stormwater management, construction, septic operations and road maintenance.

The municipal water system is currently supplied primarily by groundwater wells in the headwaters of the Ipswich River, which has been designated as a stressed basin by EEA. Portions of the Town lie in both the Aberjona/Mystic and Shawsheen River basins. A number of homeowners and businesses are supplied by private wells in these areas, which are threatened with groundwater contamination. In the Aberjona/Mystic River basin contamination comes from Olin Chemical and its predecessors. This site became a federal superfund site in 2006. The contamination continues into the Maple Meadow Brook area which is in the Ipswich River basin. The Shawsheen River basin contamination comes from the Sutton Brook Disposal Area, a landfill in Tewksbury which became a federal superfund site in 2001.

Impaired waters and waterways in Wilmington include the Shawsheen River (fecal, coliform, mercury, dissolved oxygen), Martins Brook (fecal, coliform, bioassessments, dissolved oxygen), an unnamed tributary at the intersection of Rte 93 and 125 east to Marin's Brook (chloride). Ipswich River downstream from the confluence with Maple Meadow and Lubber's Brook (mercury, dissolved oxygen), and Silver Lake (DDT, mercury). They are subject to total maximum daily load regulations

INVASIVE SPECIES

Similar to many communities statewide, Wilmington is home to a number of invasive species. These become a problem when they overgrow native species, creating a monoculture and decreasing the diversity of species present. Among the more prevalent invasives are oriental bittersweet, glossy and common buckthorn, various honeysuckles, Japanese knotweed, multiflora rose, common reed, purple loosestrife, and Norway maple. The Town has been managing European watermilfoil and curly leaf pondweed, both invasive species, in Silver Lake.

FORESTRY ISSUES

Forests are important as they provide wildlife habitat and support biodiversity, help to regulate climate and assimilate pollution, protect water supply and quality, retain soil, and mitigate flooding. They also have important recreation and aesthetic value.

Periodically, there are issues in the Wilmington forests due to inappropriate uses such as parties that leave litter and fire pits, fort building, waste and trash dumping, graffiti on tree trunks, holes being dug, and earth ramps being built for off-road vehicles. For the most part these are limited problems, although off-road vehicles can damage trails and the woods. Off-road vehicles have been active at Cormier Meadows, off Lt. Buck Drive and Leonard Lane, between Laurel and Fairmont Avenues, off Mill Road, and in Hathaway Acres. While the police help patrol these areas and respond to calls, the off-road vehicle use tends to continue.

Winter moth infestations have occurred over the past few years and may continue to be a problem. Winter moths feed on many deciduous trees and shrubs found in Massachusetts, including oak, apple, elm, maple, ash, crabapple, cherry, and blueberry. Wilmington's Tree Division is experimenting with a mechanical method, attaching slippery bands around tree trunks, to lessen damage from winter moth caterpillars which can crawl up the tree to eat its buds or can be blown on their silken threads to other trees. Unfortunately, effective biological control is many years away. For recently defoliated trees, an application of a registered pesticide may be warranted.²²

Other potential pests and a fungus that could affect forested areas are listed below:²³

- Asian Longhorn Beetle (*Anoplophora glabripennis*)
- Emerald Ash Borer (*Agrilus planipennis*)
- European Woodwasp (*Sirex noctilio*)
- Giant Woodwasp (*Urocerus gigas*)
- Pine Shoot Beetle (*Tomicus piniperda*)
- Sudden Oak Death (*Phytophthora ramorum*)

ENVIRONMENTAL EQUITY

In 2002 the Massachusetts Executive Office of Energy and Environmental Affairs (EEA) adopted an Environmental Justice Policy to provide equal protection and meaningful participation for all Massachusetts residents with respect to environmental regulations and policies. This policy also supports equitable access to environmental assets, which include parks, open space and recreation areas. The State has identified communities that contain Environmental Justice Populations: those with high percentages of minority, non-English speaking, low-income, and foreign-born populations. While Wilmington does not have identified environmental justice populations, this plan considers ways to reduce any inequities in access to parks and recreation amenities. Most residential neighborhoods in Wilmington are within one half mile of an open space trail or a playground. With encouragement to design residential subdivisions according to the Town's Conservation Design Subdivision Guidelines rather than conventional subdivision design, additional trails provided in the open space resulting from this design are being created throughout the Town. The McGrane Road subdivision is under construction and includes a trail

²² www.umassgreeninfo.org/fact_sheets

²³ More information about these pests can be found at <http://massnrc.org/pests/factsheets.htm>.

that will be available to residents in one of the few areas in Town that is over one half mile from such a facility.

Section 5: Inventory of Lands of Conservation and Recreation Interest

Why Open Space Protection is Important

Open space is an important feature in Wilmington, not only for its aesthetic and recreational values, but for the protection it provides to the Town's aquifers and wetlands; its ability to store flood waters, lessening potential damage from flooding; its ability to reduce noise and act as a windbreak and a visual screen; to provide cooling shade in hot weather, and for the habitat it provides for wildlife and a wide range of plant species.

Wilmington possesses a wide array of public and private conservation and recreation lands. Property described in this inventory falls along a continuum, from land that is protected by rigorous legal means; to land that could be developed, although not readily; to land that has no protection but is of interest for conservation or recreation purposes. The degree of protection is noted on the matrix at the end of this section.

How Open Space is Protected

Protecting land to remain as open space may be defined as having three varying levels of protection. The most basic level of open space protection is derived from limits on the development of private property imposed by state or local laws. Wilmington remains fortunate to have many attractive privately owned parcels that are undeveloped. If wetlands are identified on these parcels, then the Wilmington Conservation Commission may limit development on these sites through State regulations known as the Wetlands Protection Act (310 CMR 10.000). Additionally, Massachusetts state requirements for septic system location and design may sometimes limit private property development (310 CMR 15.000 – Title 5). All property in Wilmington must conform to local and state regulations, but those designated as wetland areas may face further impediments to development and may even be deemed unbuildable. The only method for private lands to be permanently protected lands is through a manner in which the deed is restricted by a Conservation Restriction, Agricultural Preservation Restriction, Historic Restriction or Wetlands Restriction.

The next level of open space protection is through ownership by the Town of Wilmington. As of 2013, 2,074 acres of land have been acquired by the Town of Wilmington through nonpayment of taxes, donation, and through purchase for general and other municipal purposes. Land under the general control of the Town provides some level of protection. Development by the Town of parcels under its control will, in most instances, require the expenditure of Town funds and be subject to a majority vote of Town Meeting. In addition, individuals seeking to acquire Town property must petition the Town to render a decision that the property is surplus to its needs. Town Meeting participants must vote in the majority to authorize the sale of surplus property. Lands purchased for general municipal purposes are not protected by Article 97.

Property that is designated under Article 97 of the Articles of Amendment of the State Constitution is deemed legally protected open space and offers a high level of protection. Article 97 protects lands that have been designated for the purposes of conservation of forests, water, agricultural land and other natural resources, and for recreation. In 1973, the Attorney General stated that for these protected lands to be converted to any other purpose, certain

procedures must first be met. They are: 1.) the local conservation commission must vote that the land is surplus to its needs, 2.) the park commission must vote the same if the land in question belongs to the park commission, 3.) the matter must be voted upon at Town Meeting or by City Council and pass by a 2/3 vote, 4.) the Town must file an Environmental Notification Form with the Executive Office of Energy and Environmental Affairs' (EEA's) Massachusetts Environmental Protection Agency (MEPA) Unit, and 5.) the matter must pass by a 2/3 vote of both houses of the Massachusetts Legislature. While conversions do occur, the process is purposefully onerous in an attempt to protect these conservation and recreation lands in perpetuity.

In Wilmington, property subject to Article 97 falls under the care, custody, management, and control of the Conservation Commission, the Water Department and the Town of Wilmington. Having been either acquired through donation, grants, eminent domain, purchase, or transfer from another municipal use for one of the specific purposes stipulated in M.G.L. c. 40, these properties are to be maintained in their natural, scenic or open condition; retained predominantly in such condition to protect the water supply or potential water supply; used for public recreational use; or preserved to maintain their historical value in perpetuity.

The status of other Town-owned properties should be clarified prior to their disposition. Since 1990 the Town has implemented a formal process for reviewing the disposition of land under M.G.L. c. 30B. Open Space and Recreation needs, as well as a parcel's suitability for development of affordable housing are now routinely included in the Property Review Board's evaluation and the Town Manager's recommendation.

The following sections describe some of the most prominent resource conservation areas in Wilmington. Several non-municipal properties available for use by the public for active and/or passive recreation are also listed, as are a number of private properties of historical value.

A detailed inventory of open space properties is included in the Appendix.

Private Parcels

There are many significant privately owned open spaces that serve to preserve natural resources and add to the character of Wilmington.

CHAPTER 61/61A/61B

Chapter 61, 61A and 61B of the General Laws of Massachusetts are tax laws that allow for reduction of property taxes for landowners willing to maintain their land as managed forest, agriculture, or outdoor recreation land. If a landowner chooses to withdraw land from this classification, the owner must pay a penalty tax to the municipality based on the number of years a reduced tax has been paid on the land. When the land is put up for sale, the municipality has a right of first refusal to consider whether or not to buy the land.

Wilmington has three parcels of land totaling approximately six acres classified as Chapter 61A. The parcels are located at Foley Farm and consist primarily of planted fields. The inventory of Chapter 61 lands is included at the end of this section.

CONSERVATION RESTRICTIONS/PRIVATE OPEN SPACE

No non-profit land trusts or similar conservation organizations currently own land (fee simple) in Wilmington, however, a number of parcels show "Conservation Easements" on the Assessor's maps. These easements are valid for 30 years from the date recorded on the deed, and must be renewed by the owner of the easement at the time of their expiration if the property is to be protected into the future. Conservation restrictions granted per M.G.L. c 184 s 31 and 32 are considered permanent protection, and their removal requires a two-thirds vote of the state Legislature. The Town of Burlington Conservation Commission, for the purpose of protecting the watershed of the Mill Pond Reservoir, holds one such restriction. Another, held by The Nature Conservancy, protects approximately six acres on Chestnut Street and Apple Tree Lane in memory of the Bernard Althin Toombs and his family who lived there for many years and cultivated rare rhododendrons. Metro at Wilmington Station recently granted a conservation restriction on approximately six acres that includes a certified vernal pool. The inventory of parcels with Conservation Restrictions is included at the end of this Section.

OTHER PRIVATE OPEN LANDS OF INTEREST

A key 65 acre undeveloped parcel located adjacent to the Burlington boundary received approval for a 36 lot conservation subdivision that will provide new public open space and trails which will connect to existing trails in Wilmington and Burlington. It is expected that the open space will be deeded to the Conservation Commission later this year.

Another key parcel along Saw Mill Brook is anticipated as a conservation subdivision, which would create new public open space and trails adding to the Wilmington and Burlington trail network.

In the northeastern part of Town, there is a 62 acre undeveloped parcel adjacent to existing open space in Andover and Wilmington. Should this parcel be developed, public open space would be desired as part of the development plan.

PRIVATE RECREATION FACILITIES

Ristucca Ice Rink on Main Street

This facility houses an indoor skating rink which serves as the Boston Bruin's practice facility, as well as the home of several youth hockey teams. Unfortunately, youth hockey use has been restricted by the current lease holder, who holds an option on the purchase of the rink. The Town has expressed interest in purchasing the rink with a Town Meeting vote in 2014 authorizing the purchase if it can be negotiated.

Camp 40 Acres off Andover Street

In 1948 the Wilmington Junior Youth Group, Inc. was formed to provide opportunities to camp and enjoy outdoor life to Wilmington children in perpetuity. The mostly undeveloped land near the Andover Town line was acquired and is now used by Scout troops, the Wilmington School Department and other groups with permission. A well established trail system offers hiking and nature observation and provides links to the Wilmington Town Forest, as well as to Bay Circuit trails in Andover. A small brook flows through the property, and a large pond and smaller vernal pool provide outdoor educational experiences. The Camp's Board of Directors constructed a house and hired a year-round caretaker.

Size: 39 acres

Activities Enabled: Camping, hiking, picnicking, walking/jogging, nature observation, horseback riding, special events, cross-country skiing.

Facilities: Large pavilion, 20 tent sites, four lean-tos, one general open recreational field, rustic latrines (no running water)

Accessibility: The camp has an easement over private property on Woburn Street in Andover. Parking is located near the caretaker's cabin and is adequate for 12-15 cars, with overflow for large events on the field.

Textron Corporation field at 201 Lowell Street

This industrial site is adjacent to the planned Yentile Farm Recreational Facility in an area of Town underserved by existing recreational facilities. The site contains one baseball field and four tennis courts for use by Textron employees. Maple Meadow Brook flows through a large pond and separates the manufacturing facility from the athletic fields. The plans for the Yentile Farm Recreational Facility include a potential walking path connection to the Textron facilities. The Textron property is not protected from development.

Size: 9 acres zoned for industrial use

Activities Enabled: baseball/softball, walking/jogging, nature observations, picnicking

Accessibility: Parking for 50 cars, not handicapped accessible.

Public and Nonprofit Parcels

MUNICIPAL LAND

Wilmington's open space and recreation lands comprise properties managed and administered by the Conservation Commission, the Board of Water and Sewer Commissioners, the Historical Commission, and the Board of Selectmen acting as Park Commissioners. The Department of Public Works Parks & Grounds Division maintains School Department playgrounds and ballfields, parks, and the Town's beaches at Silver Lake. The Recreation Commission organizes many activities and programs for residents of all ages throughout the year; and several non-profit groups including Pop Warner Football, Wilmington Youth Soccer, and Little League Baseball use Town facilities and fields for their games and practices.

Schools

Wilmington Schools provide the majority of neighborhood playgrounds, athletic fields and courts in Town.

Boutwell School, West Intermediate, Middle School (17 Boutwell Street & Carter Lane, Map 18 Parcel 13B) – Playground, Baseball, Tennis, Basketball, Softball

Shawsheen School (298 Shawsheen Street, Map 22 Parcel 15) – Playground, Basketball, Lacrosse, Skate Park, Soccer, Street Hockey, Tennis

Wildwood School (178 Wildwood Street, Map 60 Parcel 23) – Playground, Basketball, Tennis

High School (159 Church Street, Map 63 Parcel 10) – Baseball, Basketball, Football, Field Hockey, Softball, Tennis, Track

Woburn Street School (227 Woburn Street, Map 87 Parcel 1K) – Playground, Basketball, Lacrosse, Soccer, Tennis

North Intermediate School (320 Salem Street, Map 97 Parcel 61) – Playground, Baseball, Basketball, Soccer, Tennis

Town Parks

Wilmington's parks include a range of amenities and landscapes ranging from the beach at Silver Lake to walking paths, playing fields, sitting areas at Rotary Park and Town Park. Town parks include the following:

TOWN COMMON between Middlesex Avenue and Church Street (Map 52 Parcel 38)

Town Common is a formal green with benches and a gazebo, which hosts a Summer music series. The Common is the official Town gathering place, and hosts seasonal community events and is home to the Veteran's War Memorial.

Activities Enabled: Events, picnicking, walking.

Use Level: Well used

ROBERT PALMER PARK adjacent to Town Hall and Glen Road Berry Bog Conservation Land (Assessor Map 54 Parcel 110)

This is a mixed-use area with woods, picnic area, play area, ball fields, trails, a building used by Pop Warner program for snacks and bathrooms, and signs. Trails connect to trails at the Glen Road Berry Bog Conservation Land. Parking is at the adjacent Town Hall. Telephone, a water fountain, and bathrooms are available at Town Hall on business days.

Size: 19 acres

Activities Enabled: Team sports, tot playground, picnicking, walking, nature observation, cross-country skiing, snow shoeing.

Use Level: Well used

ROTARY PARK Church Street (Assessor Map 42 Parcel 7)

This is a mixed use area with a ball field, picnic and sitting areas, a stonedust trail around the pond, lawn, woods and wetlands. Street parking is available along Adelaide Street.

Activities Enabled: Team sports, playground, picnicking, walking, nature observation, bicycling, cross-country skiing, snow shoeing.

Use Level: Well used

SILVER LAKE adjacent to Main Street (Map 34 Parcel 138)

Silver Lake, a Great Pond, is a 28.5 acre pond with a Town-owned beach, playground and fishing pier. Restrooms are available seasonally.

Activities Enabled: Swimming, playground, picnicking, fishing

Use Level: Well used

TOWN PARK Main Street (Assessor Map 26 Parcel 9)

This is a mixed use area with constraints on its use due to presence of one of the Town's wells. It has wetlands, Maple Meadow Brook, woods, open grassy areas, a ballfield, trails, woods road, parking, paved road with gate, sign, remnants of Middlesex Canal.

Activities Enabled: Team sports, hiking, walking, nature observation, bicycling, cross-country skiing, snow shoeing.

Use Level: Well used

YENTILE FARM RECREATIONAL FACILITY (ANTICIPATED) 9 Cross Street (Map 39 Parcel 5)

Yentile Farm Recreational Facility will be a new Town park located at 9 Cross Street. The park will include an open green, playground, multi-use turf field, basketball/hockey courts, walking trails, a pavilion, concessions, and restrooms. Seating areas will be located around the park with shade trees and landscaping. The inventory of Town Parks is included at the end of this Section.

Conservation Commission Lands

Given Wilmington's abundance of wetlands many of the properties held by the Conservation Commission are too wet for active recreational activities but afford natural habitat and protect the many valuable interests identified in the Wetlands Protection Act. Because Wilmington has not enacted a local wetlands protection bylaw, the protection of municipal properties in the care, custody, management, and control of the Conservation Commission is afforded under state laws and policies. The Commission acquires care, custody, management, and control via donation of land or through a vote of the Town Meeting to transfer town-owned land, and, more rarely, through purchase.

In general, the Conservation Commission owns and manages two types of parcels; natural open space parcels with constructed trails ("Recreation Parcels") and natural open space parcels that serve as habitat and resource areas that do not include access or trails ("Natural Parcels"). Both types of parcels are included in an inventory at the end of this section.

The **Conservation Commission's Recreational Parcels** include the following:

WILMINGTON TOWN FOREST Andover Street (Assessor's Map R3, Parcel 300)

Created by a Town Meeting vote in 1975, and transferred to the care, custody, management and control of the Conservation Commission in 1985, the Town Forest is the largest conservation land in Wilmington. It is also one of the few areas of upland protected for passive recreation. The Forest contains the highest point in Town, with sweeping views toward Boston and surrounding communities. The hilltop is an excellent site for observing bird migrations, and a variety of small mammals and birds inhabit the mixed hardwood forest. There is a water tower at the top of the hill, and an access road that can be used for walking, jogging, bicycling, and horseback riding. There are also paths in the Town Forest that provide connections to Andover Street and other surrounding areas, but they are currently in poor condition, with overgrown vegetation that making the paths hard to find. These paths could easily be improved and markers added to provide a clearer route. The Forest abuts Camp 40 Acres, private land owned by Wilmington Junior Camps, and used by Scouts and other groups based at Camp 40 Acres. Links to the Bay Circuit and other trails owned by the Andover Village Improvement Society (A.V.I.S.) just across the Andover Town line could be developed. Under a grant from the Massachusetts Department of Environmental Management the Town developed and began

implementing the Wilmington Town Forest Recreation and Management Plan. The Town constructed an access road and parking in the Forest under the grant. Street and lot parking are available. Upgrades to the parking area may be warranted. Since it is a Town Forest, atypical conservation activities are permitted at the Town Forest.

Size: 154 Acres- Natural Environment Area

Activities Enabled: Hiking, nature observation, bicycling, horseback riding, cross-country skiing, snow shoeing.

Use Level: Underused --- Upgrades, publicity and additional signage suggested.

ALDERWOOD ACRES Kenwood Avenue (Assessor's Map 59, Parcels 30, 31; Assessor's Map 72, Parcels 29A and 29R)

In 1973 this site was acquired with assistance of a grant from the state Self-Help program to provide active and passive recreation. There is a small pond and a short trail loop popular for hikes. The trail is somewhat overgrown. Limited street parking at the end of Kenwood Avenue

Size: 23 Acres; Natural Environment Area

Activities Enabled: Hiking, nature observation, cross-county skiing

Use Level: Low

BLANCHARD ROAD "Cormier Park" (Assessor's Map 20, Parcel 136A)

This site along Lubbers Brook and cranberry bogs has a marked trail used for hiking and jogging. The woods are dominated by stands of white pines, and red swamp maples flank the brook and are especially attractive during the fall foliage season. An esker running perpendicular to Lubbers Brook could provide views over the marsh and the earthen dams used to control flow in and out of the cranberry bogs. There is potential for historic markers describing 19th century cranberry production. There is limited parking at the cul-de-sac on Blanchard Road.

Size: 26 Acres; Important natural historic and cultural area.

Activities Enabled: Hiking, nature observation, walking/jogging, cross-country skiing.

Use Level: Low

GLEN ROAD BERRY BOG (Assessor's Map 54, Parcels 7A, 8A)

Lubbers Brook flows freely through this former cranberry bog, which is in transition from an open bog to maple and shrub swamp. Trails are well established, and are connected to the 19-acre Town Hall complex, which encompasses the 8-acre Robert Palmer Park with its playground, ball fields, and picnic area. The current popularity of this Park for active recreation, the transitional state of the wetlands, and convenient parking at Town Hall make this a good candidate for an interpretive nature trail that is wheelchair accessible.

Size: 13 Acres; Natural Environment Area

Activities Enabled: Hiking, nature observation, walking/jogging, cross-country skiing

Use Level: High

HATHAWAY ACRES Draper and Evans Drive (Multiple parcels on Assessor's Maps 101 and 102)

Trails from both Salem Street and Draper Drive lead back towards Martins Brook and "the Black Lagoon", once a popular ice skating pond for the neighborhood. Gowing Brook flows up from the south at the easterly extent of the conservation land to join Martins Brook. The Water Department maintains the land on the opposite side of the brooks to the North Reading Town line as the Salem Street well field. After acquiring Hathaway Acres with Self-Help funding in 1969, the Town undertook several conservation initiatives to mitigate damage caused by sand and gravel operations, including grading and planting hundreds of trees. Additional trails, including one or more made accessible for wheelchairs, and interpretive signs would allow today's residents to take advantage of the successful reclamation of this mined-out area. Connections across Salem Street to the Water Department Land could result in a network of trails. Signs should be placed at the entrance to parcel near Martins Brook to help deter individuals from dumping landscape debris and *trash* at this location. There is street parking along Evans and Draper Drives.

Size: 22 Acres; Natural Environment Area

Activities Enabled: Fishing, hiking, nature observation, cross-country skiing.

Use Level: Moderate

PILCHER DRIVE (Map 81 Parcel 161)

Short trail through woods from Pilcher Drive to man-made pond. No parking is provided.

Conservation Subdivisions

Kylie Estates (Mill Road)

Access is off of Mill Road. There are four parking spaces at the trailhead. Trail links to Burlington trails and future Murray Hill Subdivision off of Eleanor Drive.

Brookfield Estates (Ashwood Avenue)

Access off of Ashwood Avenue with two parking spaces at the trailhead. Trail crosses a stream and goes through the woods. Trail connects to nearby commercial properties.

Heritage Pines (Lt. Buck Drive)

Access off Lt. Buck Drive with two parking spaces. Wooded trail connects to Leonard Estates and connects to informal paths leading to Lubbers Brook.

Leonard Estates (Leonard Lane)

Access off Leonard Lane with two parking spaces. Trail connects to Heritage Pines.

McGrane Woods (Under Construction)

Proposed trail connecting to open space in adjacent conservation subdivision.

Marjorie Road (Extension)

Access off Marjorie Road with two parking space off the cul de sac. Short trail in woods. Potential for boardwalk connection to Beeching/Winter Street.

Beeching Avenue

Access off of Laite Road and Winter Street. There is no off street parking. Trail goes through the woods past a vernal pool creating a connection between Laite and Winter.

Canal Village (Jacques Lane)

Access off Jacques Lane with three parking spaces. A sidewalk runs along the Middlesex Canal and a trail leads through the woods, ending in a loop.

Murray Hill – Extension of Eleanor Drive

New conservation subdivision currently under construction. Trails will connect to existing trails in Kylie Estates and Burlington.

The Conservation Commission also owns and manages land that does not include formal trails and access, but provides habitat and natural resource areas that contribute to the Town's environmental resilience and character. These Natural Parcels include hilly, wooded terrain and wetlands and are not generally conducive to public access.

The **Conservation Commission's Natural Parcels** include the following key parcels:

FISHERMAN'S ACCESS a.k.a "Shawsheen Pines" Grace Drive (Assessor's Map 36, Parcel 160)

Located on the Shawsheen River "Fisherman's Access" was the first parcel of land donated to the Wilmington Conservation Commission shortly after it was established in 1964. The parcel abuts land owned by the Billerica Historical Commission, the remnants of the Middlesex Canal Aqueduct, and the United States Geological Society's stream flow gauging facility. The site is wet and seasonally popular with canoeists and kayakers as an informal "put-in," as well as with anglers. A path affords views of the old canal works and a variety of riparian and wetland vegetation for the casual hiker. There is limited parking at the end of Grace Drive.

Size: 2.5 Acres

Activities Enabled: fishing, nature observation

Use Level: Low/Moderate

WILMINGTON GARDENS WILDLIFE PRESERVE Marion Street (Assessor's Map 5, Parcel 5)

This large parcel was designated as a "Wildlife Preserve" by the Town Meeting in 1973; this parcel is largely inaccessible to the public, although "paper streets" provide legal, undeveloped access. Several small Town-owned parcels abut this piece. While the open space value is predominantly for wildlife habitat and protection of the wetlands associated with the Ipswich River, which splits the property, the property includes both wetlands and ledgy uplands, with smaller glacial erratic boulders, and a mixed oak and pine woods. Remnants of an old stonewall mark the northerly property line. The neighboring conservation land along the River in Burlington increases the open space value of this parcel. Management and use of this parcel should be done in consultation with the Burlington Conservation Commission.

Size: 53 Acres; Natural Environment Area

Activities Enabled: Nature observation

Use Level: Low

MAPLE MEADOWS Wildwood Street (Assessor's Maps 49, 50, 60, 63; Multiple Parcels)

At the confluence of the Ipswich River (Mill Brook) with Patch's Pond and Maple Meadow Brooks, this wetland area covers nearly 100 acres and provides a "greenway" of protected open space between Lowell, Adams, and Wildwood Streets. Since the mid-1960's the Conservation Commission and Town have worked to protect the brooks in this area, transferring numerous tax-title parcels over the years. Two major donations, each of approximately 19 acres, from Larry Doo in 1980 and Anna Low in 1990, added to the 19-acre parcel along Wildwood Street acquired in 1976 with Self-Help funds, form the core of the area, which is largely inaccessible due to thick undergrowth and wetland vegetation.

Size: Approximately 100 Acres; Area is important for groundwater recharge, wildlife corridor

Activities Enabled: Nature observation

Use Level: Low

CORUM MEADOWS (Assessor's Map 82, Parcels 100, 161)

Donated by JayDee Builders at the time the Biggar Avenue neighborhood was developed in 1973, this area is named after Mr. and Mrs. Fred Corum, whose farm formerly occupied the northerly side of Salem Street opposite the neighborhood. At the end of Pilcher Drive off Salem Street is a small (3.9 acres) pond that drains to Lubbers Brook. Much of the remaining protected space on the opposite end of Pilcher Drive is floodplain and wetlands associated with Lubbers Brook. There is street parking on Biggar Avenue, Pilcher Drive, or Jacobs Street.

Size: 20 Acres; Natural Environment Area

Activities Enabled: Boating, nature observation

Use Level: Low

Water Department Resource Land

The Water Department owns several large parcels with passive recreation potential (an inventory of Water Department Land is included at the end of this section). All activities within the Zones I and II of public wells, however, must avoid any possibility of contaminating the groundwater. Most of the actual wells are located in wetlands associated directly with the headwaters streams of the Ipswich River, which makes them unsuitable for land-based recreation such as hiking and biking. Barrows Well-field is a good example; located between Park Street and Hathaway Acres, the well field is part of an extensive wetland system which includes Gowing Brook and contributes to Martins Brook through properties protected for both conservation and water supply purposes.

The Brown's Crossing and Salem Street Well-fields are located along the sideline of the abandoned Salem to Lowell Railroad, which has been identified as a candidate for a possible rails-to-trails conversion. The original owner of the Regional Health Center constructed a Life Course on the far side of the esker, which runs between the building and the former Salem to Lowell Railroad bed. Unfortunately some of the Life Course equipment and instructional signs have deteriorated over the years and are no longer widely used, although many people still hike along the rail bed. With the Town's 1990 acquisition of the old Salem to Lowell Railroad bed for well-field protection at Brown's Crossing, however, the old exercise trail could be refurbished and passive uses which do not threaten the watershed encouraged. The trail runs from the Harnden Tavern and Wilmington Minutemen's clubhouse at the corner of Salem and Andover Streets to Martins Brook, with several linking paths running up another hill, which overlooks Nod Pond and the Brown's Crossing Well-field.

Several additional parcels flanking Route 125 and Andover Street in North Wilmington provide buffers between the wells in both North Reading and Wilmington and industrial development to the west. Numerous informal walking paths worn in from Neighborhood use already exist on these properties, and several vernal pools have been identified there, as well.

The former cranberry bogs on either side of Shawsheen Avenue at Lubbers Brook contribute to the Shawsheen Avenue well, but the downstream bog has not been voted to the care, custody, management, and control of the Water and Sewer Commission. (The upstream bog is part of the Blanchard Road Conservation Area.) The lower bog is notable for its proximity to both the Middlesex Canal and the West School House. There is also a sliver of Conservation land on the opposite side of the school, which adds to the protected space in this neighborhood.

The Aldrich Road Well-field has not been used by the Water Department for many years due to its high iron and manganese content. There are also concerns about possible contamination from the site of a former airport just over the Billerica town line upstream on Lubbers Brook. This area has potential for a variety of passive and active recreational opportunities, but would require extensive wetlands restoration and remediation of any contamination. Portions of the large parcel of land on the northerly side of Lubbers Brook, opposite the well field, which is under private ownership, are in the floodplain and riverfront area of the brook, and should be protected. Several additional small parcels of Town-owned land just downstream along the brook were transferred to the Conservation Commission in April 2001.

At times of high water, typically late fall and early spring, it is possible to kayak and canoe on Martins Brook and on portions of Maple Meadow and Lubbers Brooks, but generally only downstream of the Shawsheen Avenue and/or Chestnut Street/Butters Row wells. The latter area abuts the Middlesex Canal Association's property and the Town Park, described elsewhere. However, public places to park safely and launch a boat are in short supply

PUBLIC AND PRIVATE CEMETERIES

There are two cemeteries in Wilmington both within the Centre Village Historic District and visible along the heavily travelled Middlesex Avenue. Wildwood Cemetery is the only cemetery in Wilmington where new burials occur. It does not have enough capacity for the projected demand. The Olde Burying Ground does not accept new burials. An inventory of cemeteries is included at the end of this Section.

STATE/FEDERAL LAND

There are no federal non-highway lands in Wilmington. There are a few parcels owned by the state: some are small pieces left when Richmond Road was built, several are adjacent to the proposed West Street route, and two are near Martins Brook and the Salem Street wells. Of the later, one parcel is an undeveloped part of the former JT Barry site, which in the North Reading portion, includes multi-family affordable housing and a proposed commercial development. An inventory of State owned parcels is included at the end of this Section.

HISTORICAL RESOURCES

Wilmington is fortunate to have a very active Historical Commission and citizens interested in preserving and promoting the Town's history. Through their efforts, Wilmington boasts five Historic Districts listed in the National Register of Historic Places as well as five homes and the Middlesex Canal. The Commission has published many books and maps highlighting these historic sites, as well as significant people and events that have helped shape this community from the late 1600s to present day.

Identifying and protecting historic places will help preserve the character of Wilmington. Many of the historic buildings and grounds are privately owned and not open to the public.

BUCK'S CORNER HISTORIC DISTRICT

Corner of Woburn and Wildwood Streets

The Buck's Corner Historic District exists as a former agricultural node with a collection of 17th and 18th century farmhouses and barn, mid-to-late 19th century houses and their barns, and a contemporary house. The District is formed by the intersection of Wildwood and Woburn Streets and along the gently curving Woburn Street toward Lowell Street.

Nicknamed "The City" early in the 19th century, the District contains six principal buildings and three barns that contribute to the architectural and historic character and integrity of the area. Most of the buildings have been altered but retain their historic design integrity. The five surviving major houses were the homes of three interrelated farming families.

Five Native American sites are located within one mile of the area. Artifacts collected within this area include projectile points, cremation remains and pottery. Environmental characteristics of the district indicate a high potential for Native presence: wetlands, Maple Meadow Brook and swamplands.

Ephraim Buck House

216 Wildwood Street (Assessor's Map 60, Parcel 29)

This south-facing house is part of the Buck's Corner National Register Historic District, a 10 acre district of privately owned historic homes in the southeastern part of Wilmington. It is located near the corner of Woburn and Wildwood Streets, on Wildwood Street. One of the oldest houses in Wilmington, the front half probably dates from ca. 1704, the rear from ca. 1745 and Federal style alterations probably occurred around 1770. This former farmhouse, in a district of former farmhouses, is a relic of Wilmington's agricultural past. The Buck family, which owned the house for well over 200 years, was among the earliest settlers of the area. In addition to being listed as part of the Buck's Corner National Register Historic District, the building is also included in the listing of the First Period Buildings of Eastern Massachusetts. The house is now privately owned.

CENTRE VILLAGE HISTORIC DISTRICT

Middlesex Avenue, Church Street, Adams Street

The Centre Village Historic District possesses a concentration of well-preserved buildings, schools and grounds spanning the architectural styles of the 18th, 19th and 20th centuries. These include, but are not limited to, the Bond homes, the Warren Eames Cottage, the Hudson-Roman House, the Town's first burial ground, Wildwood Cemetery, the Animal Pound, and a concentration of schools spanning the 19th and 20th centuries. A Walking Tour of this District is available at the Scalekeeper's Office in front of the Olde Burying Ground.

The Town Animal Pound was constructed in the early 1800s to restrain wandering cows and sheep until their owners came to claim them. The property upon which the Pound was built was donated by Squire William Blanchard, whose magnificent home sits upon the corner of Glen Road and Middlesex Avenue. Until recently the Pound was located on private, residential land without any preservation easements, but in 2010 it was relocated to public land next to the First Congregational Church in front of the Olde Burying Ground. It was placed adjacent to the Scaleskeeper's Office which had been similarly relocated in the 1990's.

FIRST CONGREGATIONAL CHURCH (within Centre Village District)

Middlesex Avenue (Assessor's Map 65, Parcel 2)

Upon incorporation of the Town in 1730 the First Congregational Society was formed and served as Wilmington's only religious institution until 1832. By 1809 the Town outgrew the original church building, so a new one was constructed on the same site in 1814. When that building burned in 1864, the congregation raised \$12,000 and built the current structure, a handsome example of the late Italianate/ Classical Style.

OLDE BURYING GROUND (within Centre Village District)

Middlesex Avenue (Assessor's Map 65, Parcel 3)

Established in 1731, within one year of Wilmington's incorporation as a Town, this small burial plot is located next to the Congregational Church. Members of Wilmington's first families are buried here, many of whom succumbed to an epidemic, which possibly was small pox in 1738.

SCALEKEEPER'S OFFICE and HEARSE BARN (within Centre Village District)

Middlesex Avenue (Assessor's Map 65, Parcel 3)

The little white clapboard building now located in front of the Olde Burying Ground originally sat adjacent to the Animal Pound on Squire Blanchard's property on Glen Road. It is believed the office may have been built by the Squire in relation to his position as State Inspector of Hops, c. 1840, or perhaps simply as his workshop.

The Hearse Barn, built c. 1890, has been used to store Public Works Department equipment and supplies more or less continuously since the turn of the century. During the 1920's and 30's the Tree Inspector and Moth Committee may have used the building in their battles against infestations of destructive insects.

WILMINGTON ARTS CENTER (within Centre Village District)

219 Middlesex Avenue (Assessor's Map 65, Parcel 16)

Originally constructed in 1842 for the Free Will Baptist Society, the second organized religious group in Wilmington, this building was sold to the Town twenty-two years later, following the

Society's decline. From 1864 until the 1980's the building served as the Town Hall. In 1985 it became the home of Wilmington's Arts Council, and the site of annual art shows, recitals, and other cultural events.

TOWN POUND (within Centre Village District)

Originally Glen Road (Assessor's Map 65, Parcel 1A) now moved to the Scalekeeper's Office site.

In Wilmington's early agricultural society wandering cows and sheep were as common as dogs on the run in more recent times. As early as 1796 a committee was formed to construct a "Pound with stones" where animals could be confined until their owners came to fetch them. In 1814 Squire William Blanchard donated a lot on Glen Road for the purpose of a new pound, which was used well into the mid-1800's. Stones were added in 1930 during the excavation of Middlesex Avenue to install a water main.

FOURTH OF JULY BUILDING (within Centre Village District)

Middlesex Avenue (Assessor's Map 66, Parcel 1)

Constructed circa 1840 as the Centre School, this small clapboard building served as the Town's public Library from 1889 until construction of Memorial Library in 1967-8. Following Wilmington's 250th Anniversary in 1980, the Town granted use of the building to the newly established Fourth of July Committee, which today hosts Wilmington's annual "Fabulous Fun on the Fourth" celebrations.

ROMAN HOUSE (within Centre Village District)

161 Church Street (Assessor's Map 63, Parcel 10)

Built in 1897 for the Hudson-Roman family, this beautifully maintained Queen Anne-style house now serves as the School Department's Administration Building. It is a large clapboard building with a hip roof, projecting gables and porches, and a circular turret. The house is one of several along Church Street built during the Victorian Era.

CHURCH STREET HISTORIC DISTRICT

Church Street

The residential Church Street District, laid out along Route 62 as an extension of the Centre Village Historic District, is a gateway to the Town center and possesses the Town's most architecturally significant cluster of late 19th and early 20th century local architectural styles: Italianate, Colonial Revival, Neo-Colonial, and simple and elaborate Queen Anne houses, as well as a Craftsman bungalow. The District became home to the growing group of non-farming, middle class residents during the mid-19th century.

Until then, Wilmington was a small, quiet, mainly agricultural community. The Meetinghouse, school and successful Bond bake houses on Middlesex Avenue marked the Town center, attracting the Town's most prominent families. Church Street was laid out to connect the c.1844 Boston and Lowell rail depot on Main Street to the Town center. Church Street was nicknamed the "new main road," or the "straight road," and stretched from the depot to the Meetinghouse into the 20th century. The arched stone abutments of the Box Culvert over Mill Brook may date from the period of Church Street's first construction (c.1850).

GOWING-SHELDON HISTORIC DISTRICT

Woburn Street

The Gowing-Sheldon District is a small, once rural area located on the southeast end of Woburn Street. Two well-preserved houses and their barns exist that are excellent examples of their local type, one built at the beginning of the 19th century (Federal, 1809) and the other near its close (Queen Anne, 1862). They were owned by members of the Sheldon family and sit across from one another on one of Wilmington's first roads. The District displays similar Town planning principles of young families occupying existing houses or buildings near their family's homes in a nodal pattern along an old road connecting the Town to markets elsewhere.

A moderate potential exists for locating significant ancient Native American resources in the District. Four Native American sites are located within one mile of the area. Environmental characteristics of the district indicate a high potential for Native presence: wetlands, Maple Meadow Brook, and swamplands.

HIGH STREET HISTORIC DISTRICT

High Street

The High Street Historic District represents the transformation from an agricultural to primarily residential use at about the mid-19th century. This new, more urban settlement pattern gives weight to the area's nickname "New City," with the first "City" being the node at Buck's Corner.

The District exists eastward on High Street from its intersection with Middlesex Avenue / Route 62. The 17 houses, three carriage barns and three garages span the period from 1851 through 1942, and represent Greek Revival, Italianate, Queen Anne, Colonial Revival, Craftsman and Neo-Colonial styles. Many of the houses remain largely unaltered, with the exception of the addition of porches, window sashes and siding, and new clapboard or vinyl features.

Environmental characteristics of the area support the presence of ancient Native American sites in the district including uplands, tributary streams, wetlands, and a glacial outwash surface. Ancient sites in this area may contribute important information relating to patterns of Native settlement and subsistence in the interior Ipswich River drainage.

THE WILMINGTON TOWN MUSEUM AT THE COL. JOSHUA HARNDEN TAVERN

Salem Street at Woburn/Andover Street (Assessor's Map 102, Parcel 1)

Located at the intersection of Woburn Street and the old Salem County Road, this home of Colonel Joshua Harnden served as a Tavern from 1793 to the Colonel's death in 1807. An impressive example of Georgian style architecture, the building was about to be torn down in 1973 when it was taken by eminent domain in accordance with a Special Town Meeting vote; that same Special Town Meeting established the Wilmington Historical Commission. The property was listed on the National Register of Historic Places in 1975. In 1999, Wilmington residents voted to establish the Wilmington Town Museum at the Tavern. Visitors to the Museum can see historical artifacts, house and the detached Carriage House and learn about Wilmington's past. The building is also used to house the extensive Bond Collection of Wilmington's historical papers and memorabilia. There are grounds and wooded walking trails on the property. It is managed by the Wilmington Historical Commission.

WEST SCHOOLHOUSE

Shawsheen Avenue at Aldrich Road (Assessor's Map 33, Parcel 49)

One of Wilmington's early schoolhouses and a survivor of the district school system established in 1839, this is a well-preserved example of a rural schoolhouse of the late 1800s. The school has remained in use for various purposes, currently housing Town offices, and was listed on the National Register of Historic Places in 1990.

In 2004, through the efforts of Wilmington's legislative representatives, the Historical Commission, and the Town's administration, \$103,000 was granted by the Commonwealth for the rehabilitation of this landmark. The Town used the funds to purchase materials and furnishings for the Schoolhouse, which now serves as office space for the Veteran's Agent. The renovations were done by students at the Shawsheen Technical High School, who successfully incorporated the historic features into the upgrades.

BOUTELL-HATHORNE HOUSE

280 Woburn Street (Assessor's Map 86, Parcel 11)

This privately owned property includes a two-story 18th century house which sits between two open fields, facing south, on a 5.7 acre lot, as well as two 19th century barns and other, smaller, farm buildings. It is believed that the earliest portion of the house came into existence in 1754, or earlier, during the ownership of Thomas Boutell, on property owned by his family since 1692. In 1941 the Richardson family bought the property, which then totaled 85 acres, and maintained a farm for many years. The property was divided and reduced in 1958 when part of it was taken for construction of I-93, and it was further reduced in 1971 when the family sold off the property on the other side of the highway to leave them with the 5.7 acre lot that exists today. In 2002 then owner Winifred Richardson granted to the Town of Wilmington a preservation restriction on the house. This means that the property cannot be destroyed, altered or broken up in any way. When Ms. Richardson passed away in 2010 the property was deeded to the preservation organization Historic New England. The property is now privately owned and Historic New England holds an additional preservation restriction on the property. In 2004 the property was listed on the National Register of Historic Places.

WILLIAM BUTTERS II HOUSE (Also Known As Butters-Avery House)

165 Chestnut Street (Assessor's Map 15, Parcel 13)

William Butter was one of Wilmington's earliest settlers. The House is a saltbox half-house built by William Butter, II (later known as Butters) between 1620 and 1725. This qualifies the House as a First Period House, a rarity in the United States, and is the second oldest house in Wilmington. It remains the oldest unchanged dwelling in Wilmington. This home and farm is also significant as the site of the discovery of the Baldwin apple (known at the time of its discovery as the Pecker or Butters apple), in the late eighteenth century, which is memorialized with a statue on the adjacent lot.

The home remained a private residence until 2006, when it was sold as part of a parcel slated for new-home development. The Wilmington Historic Commission, members of the Butters family, and Wilmington's legislative representatives organized efforts to raise money to purchase the home back from the developer for preservation purposes. The property is now owned by the Town of Wilmington, safe from demolition, and efforts to restore deteriorating structural elements of the house have begun. In 2010, through the efforts of the Wilmington and Massachusetts Historical Commissions, the building was accepted for listing on the National

Register of Historic Places. The home is in need of further substantial restoration before it can be available as an historical resource.

BALDWIN APPLE MONUMENT

Chestnut Street (Assessor's Map 15, Parcel 13A)

Located near where the Baldwin Apple was first discovered on Butters' Farm in the 1790's, the Baldwin Apple Monument is owned by the Rumford Historical Association of North Woburn, and is the only known monument erected in honor of a fruit. Erected in 1895, the memorial commemorates the native apple, which was initially known as the Butters, the Woodpecker, or simply "Pecker" Apple. It was later renamed the Baldwin Apple after Col. Loammi Baldwin, the first superintendent of the Middlesex Canal, who propagated and widely dispersed the apple. The rectangular piece of land, with 121 feet along Chestnut Street, contains 13,458 square feet.

MIDDLESEX CANAL

Butters Row (Assessor's Map 27, Parcel 11D; Map 28, Parcel 4)

Owned by the Middlesex Canal Association this property was donated by Julia Fielding and her father, former Selectman Stanley Webber. This very well preserved section of the Old Middlesex Canal provides passive recreation as well as historical interest. This section connects the Town Park with Patch's Pond. Sections of canal rise 27 feet above the marshland and represented one of the major earth moving ventures when the canal was built. The Canal is on the National Register of Historic Places and is a designated National Historic Engineering Landmark. Much of the Canal is visible, and the Association continues its efforts to restore and maintain as much as possible of this natural resource.

The Canal was constructed over a ten-year period (1793-1803) and operated for fifty years until competition from the railroad caused the canal to go out of business in 1853. It was dug by hand, with pick ax, shovels, and horse plows for a distance of 27.3 miles from the Charles River in Charlestown to the Merrimack River in Lowell. It was used to transport cargo from the busy Boston Harbor to the countryside, and to ship raw materials down to Boston. The halfway point is in the Wilmington Town Park. George Washington was in his second term as president when the project started; it is the oldest significant canal in America.

There are eight aqueducts (four of which are in Wilmington) and twenty locks (two of which are in Wilmington). The canal was constructed on seven levels on its 107-foot descent from the Billerica Mill Pond to the Charles River: Wilmington has one complete level and parts of two others.

Using Enhancement Funds from the Massachusetts Highway Department and federal funding from ISTEA (Intermodal Surface Transportation Efficiency Act) and TEA 21, a plan is underway to restore sections of the Canal as a walking/bicycle path. Wilmington is fortunate to have long stretches of its 3.8 miles of the Canal relatively intact.

Size: 14.3 acres

Activities Enabled: Cultural, historical, archeological features, nature observation, hiking

Accessibility: Parking in the Town Park lot, at the Butters Row Water Treatment Plant; and at a right-of way in the Apple Tree Lane cul-de-sac .

Not handicapped accessible

Off Wedgewood Road (Assessor's Map 21, Parcel 9)

One half-acre was donated by Bresnahan, Callahan and Tighe with a Town conservation access easement off Wedgewood Road. Owned by the Middlesex Canal Association, this nice section of towpath connects the Canal in the water department property on Shawsheen Avenue behind the West School house to the Fred F. Cain Bridge just west of Main Street.

Activities Enabled: Hiking, nature observation, cross-country skiing

Accessibility: Parking on Wedgewood Road.

SOUTH SCHOOLHOUSE

Chestnut Street (Assessor's Map 15, Parcel 4)

One of two remaining district schoolhouses, the South School is located on Chestnut Street just west of Butters Row. It is believed to have been built in 1894, with local lumber from Clapp's Mill. Today the building is home of the Wilmington Food Pantry. An outdoor skating rink, now fallen into disrepair from lack of use, is located behind the school on property partly owned by the Town and the Wilmington Skating Club.

CLAPP'S MILL

(Assessor's Map 3)

Located in "The Garden of Eden" section of Wilmington, Clapp's Mill straddles Sawmill Brook at the Burlington-Wilmington border and abuts protected open space in Burlington. The dam is an excellent example of water-powered saw and gristmills settlers used for producing lumber and flour. Because development has destroyed Burlington's other mills, and the Nod Pond milldam on Martins Brook in North Wilmington is the only other that has survived in Wilmington, local historians are hopeful that Clapp's Mill Site will be eligible for the National Register of Historic Places, due to its significance on the national, state, and local levels. It is already registered as a Massachusetts Historical Commission's Archaeological Resources Survey Site.

The mill was most likely used by Minuteman James Butters (1745-1838) during the early part of the 19th century; the mill was located on family land and down the road from the Butters' farm. The Butters and Millers, the Burlington owners for over 20 years, were related by marriage. It is very possible that Loammi Baldwin (1745-1807), designed the mill before he achieved fame for his work on the Middlesex Canal. Noah Clapp, a carpenter from Braintree, bought the mill in 1871, and operated it for many years.

The dam itself is approximately 70 feet long, with tall, built-up stone walls on both sides, and averages about 15 feet in width at the top. Sawmill Brook traverses the milldam, by way of an underground, stone-lined sluice, which penetrates the milldam. On the machinery floor level there are several stone slabs, which have projecting iron bolts. The property is forested. A series of trails on both sides of Sawmill Brook link the property to Burlington conservation land and the remnants of Mill Road, once the main thoroughfare between the two Towns.

ADA

ADA forms are included in Appendix 2 for Town Parks and Conservation Commission Recreational Parcels. While some recreational areas are currently suitable for handicap accessibility, other playing fields and public spaces will need improvement. Land with a playground, ballfield, or trail is spread throughout the Town and generally such open space can be found within a mile of any residential area.

In general, the Town has significant open space areas in a natural state on Conservation Commission parcels that provide natural habitat and resource protection. Since these parcels are generally wooded and hilly or consists largely of wetlands in a natural state for resource protection and habitat, public access is not easily achieved or even preferred. These parcels are included in the Conservation Commission Natural Parcels Inventory at the end of this Section, but ADA forms have not been completed for these properties since they offer no facilities and no access. Additional public access on appropriate natural parcels will be evaluated as an Action Item associated with this plan, especially where natural parcels could link existing trails and open space.

Wilmington's Open Space and Recreation Committee and Conservation Commission faced many challenges with the aim to increase accessibility for handicapped persons to public spaces while also increasing the general public's awareness of conservation and recreation areas throughout Wilmington. Not only are some of these areas inaccessible for handicapped persons, some are also underutilized by Wilmington's residents.

Wilmington will abide by its ADA Policy, which covers administration, employment, operations, communications and access to public facilities. This policy will continue to guide the Town's efforts to make services and facilities accessible to individuals with disabilities.

REGIONAL OPEN SPACE AND RECREATION FACILITIES AND OPPORTUNITIES

In addition to local recreation facilities and open spaces, there are parks, trails, and other features in or near Wilmington with regional significance. These include Harold Parker State Forest in Andover, the Middlesex Canal, the Bay Circuit Trail, and a planned network of bikeways and proposed Rails-to-Trails conversion along sections of the old Salem-Lowell line.

The Planning for Growth Project has identified a potential greenway network that would connect protected open space in the four Upper Ipswich communities of Burlington, Wilmington, Reading, and North Reading. Using river and stream corridors, utility rights-of-way, and the Middlesex Canal such a greenway would benefit residents in all four Towns. The proposed bikeway project includes strategies to reduce reliance on automobiles by creating access to public transportation hubs, employment centers, and shopping areas.

There are also a number of potential links from properties in Wilmington to protected open space in neighboring communities. Connections in North Wilmington could link the Town Forest and/or Water Department lands to Harold Parker State Forest via Bay Circuit and A.V.I.S. (Andover Village Improvement Society) trails in Andover and North Reading. Similar links between Conservation lands in Burlington through the Garden of Eden area to the Middlesex Canal could provide much needed trails for jogging, hiking, and cross-country skiing.

Adjacent Towns:

Burlington – Some of Burlington's conservation and recreation land is adjacent to or near Wilmington's conservation land along its southwest boundary. This includes lands near

Burlington's reservoir, land on both sides of Mill Road (Hillside Way in Wilmington), a small piece near Wilmington Gardens Wildlife Preserve, and the Saw Mill Brook Conservation Land where trails link to the Kylie Estates Subdivision and Burlington's Fox Hill School . If the Garden of Eden land is developed along Saw Mill Brook, additional conservation land and trails are expected to be created.

Woburn –There is little opportunity identified for connecting nearby open space since the Towns share a border that is predominately industrial in nature.

Reading – Wilmington is connected to Reading primarily by Lowell and West Streets in the southeast corner of Wilmington. Although Reading does present significant open space adjacent to Wilmington, Interstate 93 separates the Towns and limits easy access to these parcels.

The Town of Reading owns open space parcels around West and Lowell (Rte 129) Streets. The land is primarily used by the Reading Municipal Light Department (RMLD) and may not lend itself for Open Space recreation.

The Reading Town Forest and well fields encompass 310 acres along Reading's northern perimeter, abutting the Ipswich River. The Reading Town Forest also serves as a buffer from development for most of the Town's well fields. This area lies within the floodplain of the Ipswich River. Reforested areas were planted in the 1930s and now form a dense pine forest. There are several wide paths for hiking, cross-country skiing, birding, nature study, scout projects, camping, and environmental education. Recent subdivision of its east end has brought a new access point to the Reading Town Forest and a new neighborhood at its doorstep. A private golf club is located to the southwest of the Town Forest and comprises 139 acres. It is within the Interim Zone II of the well fields and abuts wetland resource areas.

North Reading – The Towns are connected via Concord, Park, and Salem Streets (Rte 62). Close to, but not adjacent to Wilmington, are the Martins and Furbish Ponds. Furbish Pond is surrounded by parcels owned by North Reading (Map 3, Parcels 44-47) and is accessible via Stickney Well Road, Park Street and Kristyn Road in North Reading. Martins Pond and Martins Brook both have numerous open space parcels abutting both water ways, including 13.5 acres owned by the Town of Wilmington (Map 6, Parcel 2).

Andover – A number of opportunities exist near the Wilmington Town Forest to connect to trails in Andover through proposed trails in adjacent subdivision open space, and through lands around Fosters Pond, some owned by the Town of Andover.

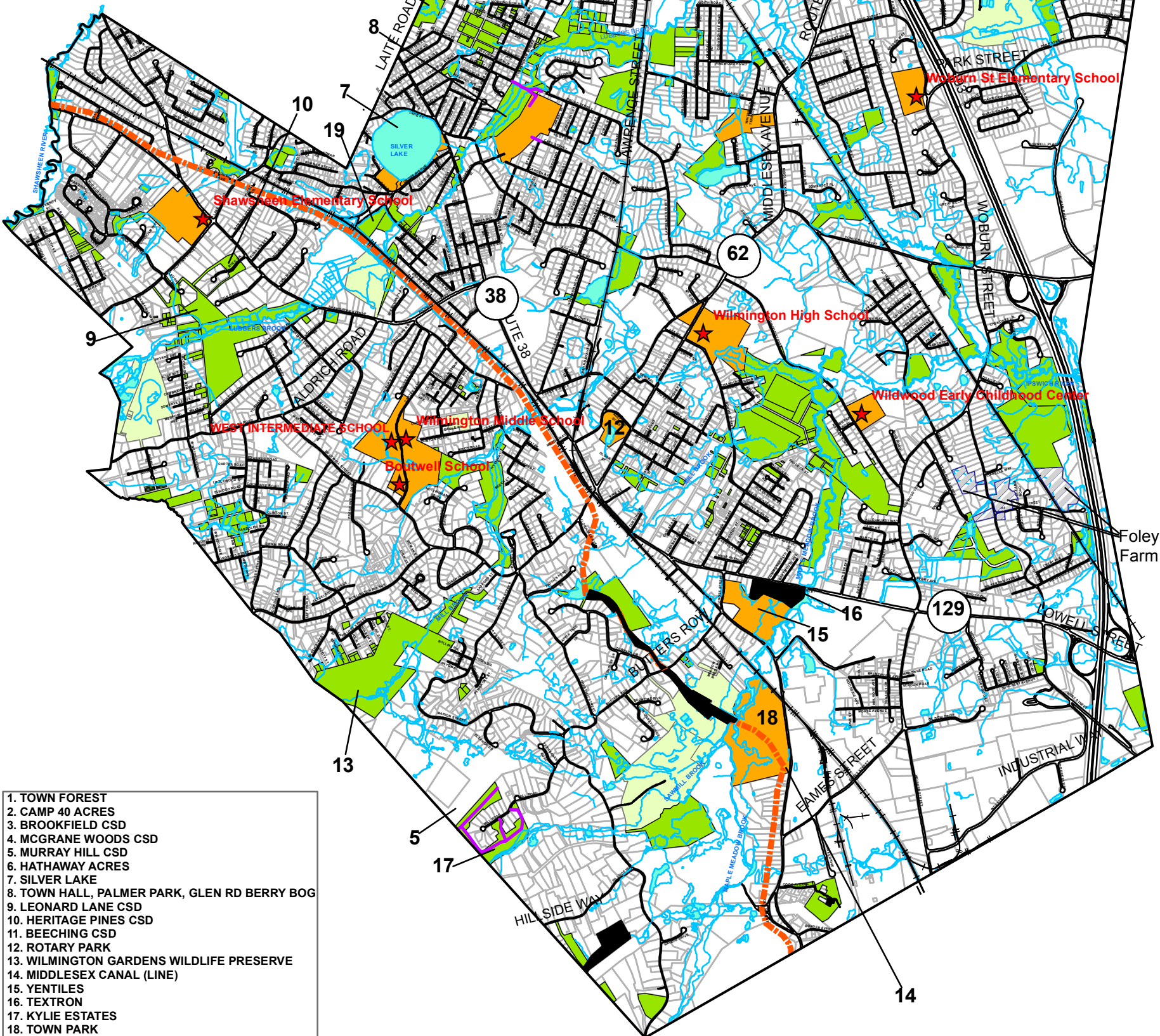
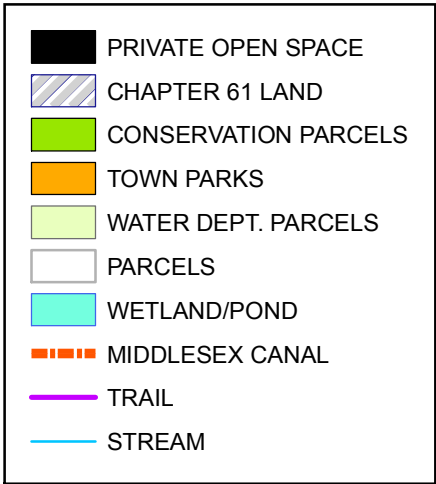
Tewksbury –There are no shared resources between Tewksbury and Wilmington to date.

Billerica - There are no shared resources between Billerica and Wilmington to date.

MAP 7: OPEN SPACE INVENTORY

TOWN OF WILMINGTON OPEN SPACE INVENTORY

OSRP 2015 MAP 7



1. TOWN FOREST
2. CAMP 40 ACRES
3. BROOKFIELD CSD
4. MCGRANE WOODS CSD
5. MURRAY HILL CSD
6. HATHAWAY ACRES
7. SILVER LAKE
8. TOWN HALL, PALMER PARK, GLEN RD BERRY BOG
9. LEONARD LANE CSD
10. HERITAGE PINES CSD
11. BEECHING CSD
12. ROTARY PARK
13. WILMINGTON GARDENS WILDLIFE PRESERVE
14. MIDDLESEX CANAL (LINE)
15. YENTILES
16. TEXTRON
17. KYLIE ESTATES
18. TOWN PARK
19. JACQUES CSD
20. MARJORIE CSD

Chapter 61, 61A, 61B Properties

Location	Address	Map / Parcel	Size Acres	Mgmt	Current Use	Condition	Recreation Potential	Public Access	Zoning
Foley Farm	33A West St.	59 / 1	1.46	Owner	Barn, Ag	Wooded, wetland	Minimal	NO	R-20
Foley Farm	West St. Rear	72 / 331	0.52	Owner	Ag, sheds	planted, wooded	Yes	NO	R-20
Foley Farm	2 Kilmarnock St.	74 / 2	4.25	Owner	Ag	planted fields	Yes	NO	R-20
			6.23						

Private Conservation Restrictions

Type	Address	Map / Parcel	Size (Acres)	Current Use	Condition	Rec. Potential	Public Grant Used	Zoning
2	423 Chestnut St, Lot 10-D	1 / 6	7.97 acres	Res.				R-60
1	38 Mill Road	3 / 3G	30 ft strip	Res.	good	NONE	No	CSD / R-20
1	36 Mill Road	3 / 3F	30 ft strip	Res.	good	NONE	No	CSD / R-20
1	32 Mill Road	3 / 3D	~ 4,400 s.f	Res.	good	NONE	No	CSD / R-20
1	30 Mill Road	3 / 3C	~ 4,400 s.f	Res.	good	NONE	No	CSD / R-20
1	28 Mill Road	3 / 3B	30 ft strip	Res.	good	NONE	No	CSD / R-20
1	7 Harold Ave	23 / 5 / 105		Res.	Good	NONE	No	R-60
1	5 Harold Ave	23 / 3 / 103		Res.	Good	NONE	No	R-60
1	3 Harold Ave	23 / 1 / 101		Res.	Good	NONE	No	R-60
	534 Shawsheen Ave	23 / 8J		Res.	Fair	NONE	No	R-60
	536 Shawsheen Ave	23 / 8K		Res.			No	
1	188R Chestnut Street	15 / 10D		Res.	Fair	NONE	No	R-20
1	905 Main St	25 / 5		Res.	Fair	NONE	No	R-20
2	10 Burlington Ave	29 / 1	5.85 ac.	Res.	Good	NONE	No	LI / O
1	109 Eames Street	37 / 10		Res.	Fair	NONE	No	GI
1	12 Allenhurst Way	49 / 145		Res.	Good	NONE	No	R-20
1	17 Broad Street	67 / 82		Res.	Fair	NONE	No	R-20
1	15 Broad Street	67 / 83		Res.	Fair	NONE	No	R-20
1	3 Tacoma Drive	68 / 2		Res.	Fair	NONE	No	R-20
1	5 Tacoma Drive	68 / 42		Res.	Fair	NONE	No	R-20
1	7 Tacoma Drive	68 / 4		Res.	Fair	NONE	No	R-20
1	11 Tacoma Drive	68 / 6		Res.	Fair	NONE	No	R-20
1	13 Tacoma Drive	68 / 7		Res.	Fair	NONE	No	R-20
1	13 Seneca Lane	68 / 8		Res.	Fair	NONE	No	R-20
1	15 Seneca Lane	68 / 9	86 ft. Contour Floodplain	Res.		NONE	No	R-20
1	17 Seneca Lane	68 / 10	86 ft. Contour Floodplain	Res.		NONE	No	R-20
1	19 Seneca Lane	68 / 11	86 ft. Contour Floodplain	Res.		NONE	No	R-20
1	21 Seneca Lane	68 / 12	86 ft. Contour Floodplain	Res.		NONE	No	R-20
1	23 Seneca Lane	68 / 13	86 ft. Contour Floodplain	Res.		NONE	No	R-20
1	25 Seneca Lane	68 / 14	86 ft. Contour Floodplain	Res.		NONE	No	R-20
1	27 Seneca Lane	68 / 15	86 ft. Contour Floodplain	Res.		NONE	No	R-20

1	26 Seneca Lane	68 / 16	86 ft. Contour Floodplain	Res.		NONE	No	R-20
1	24 Seneca Lane	68 / 17	86 ft. Contour Floodplain	Res.		NONE	No	R-20
1	22 Seneca Lane	68 / 18	86 ft. Contour Floodplain	Res.		NONE	No	R-20
1	20 Seneca Lane	68 / 19	86 ft. Contour Floodplain	Res.		NONE	No	R-20
1	18 Seneca Lane	68 / 20	86 ft. Contour Floodplain	Res.		NONE	No	R-20
1	16 Seneca Lane	68 / 21	86 ft. Contour Floodplain	Res.		NONE	No	R-20
1	14 Seneca Lane	68 / 22	86 ft. Contour Floodplain	Res.		NONE	No	R-20
1	12 Seneca Lane	68 / 23	86 ft. Contour Floodplain	Res.		NONE	No	R-20
1	10 Seneca Lane	68 / 24	86 ft. Contour Floodplain	Res.		NONE	No	R-20
1	8 Seneca Lane	68 / 25	86 ft. Contour Floodplain	Res.		NONE	No	R-20
1	6 Seneca Lane	68 / 26	86 ft. Contour Floodplain	Res.		NONE	No	R-20
1	4 Seneca Lane	68 / 27	86 ft. Contour Floodplain	Res.		NONE	No	R-20
1	2 Seneca Lane	68 / 28	86 ft. Contour Floodplain	Res.		NONE	No	R-20
1	4 Tacoma Drive	68 / 29	86 ft. Contour Floodplain	Res.		NONE	No	R-20
1	2 Tacoma Drive	68 / 36	86 ft. Contour Floodplain	Res.		NONE	No	R-20
1	11 Scaltrito Drive	70 / 105E		Res.	Good	NONE	No	R-20
1	12 Scaltrito Drive	70 / 105F		Res.	Good	NONE	No	R-20
2	326 Woburn Street	86 / 14B	47,870 sq.ft.	Res.	Good	NONE	No	R-20
2	442 Middlesex Ave	89 / 17C		Res.	Good	NONE	No	R-20
1	22 Freeport Drive	100 / 624		Res.	Fair	NONE	No	R-20
1	20 Freeport Drive	100 / 625		Res.	Fair	NONE	No	R-20
1	18 Freeport Drive	100 / 626		Res.	Fair	NONE	No	R-20
1	16 Freeport Drive	100 / 627		Res.	Fair	NONE	No	R-20
1	35 Lucaya Circle	101 / 621		Res.	Fair	NONE	No	R-20
1	33 Lucaya Circle	101 / 620		Res.	Fair	NONE	No	R-20
1	31 Lucaya Circle	101 / 619		Res.	Fair	NONE	No	R-20
1	29 Lucaya Circle	101 / 618		Res.	Good	NONE	No	R-20
1	42 Ashwood Avenue	R4 / 110		Res.	Fair	NONE	No	CSD / R-60
1	44 Ashwood Avenue	R4 / 111		Res.	Fair	NONE	No	CSD / R-60
1	50 Ashwood Avenue	R4 / 114		Res.	Fair	NONE	No	CSD / R-60
1	58 Ashwood Avenue	R4 / 118		Res.	Fair	NONE	No	CSD / R-60
1	62 Ashwood Avenue	R4 / 120		Res.	Fair	NONE	No	CSD / R-60
1	61 Ashwood Avenue	R4 / 121		Res.	Fair	NONE	No	CSD / R-60
1	59 Ashwood Avenue	R4 / 122		Res.	Fair	NONE	No	CSD / R-60
1	**** 57 Ashwood Ave	R4 / 123		Res.	Fair	NONE	No	CSD / R-60

Note *** Number 1 and Number 2 within the Category 'Type' indicate 30-Year Restriction and a Permanent Restriction, respectively.

Town Parks (Article 97 Protected)											
Name / Location	Owner	Address	Map / Parcel	Size (Acres)	Mgmt	Current Use	Public Access	Condition	Rec. Potential	Public Grant Used	Zone
Town Park	Town	823 Main St.	26 / 9	50.1	DPW	ballfield, woods, trails, wetland	Yes	Good	Dog Park	No	R20/R60
Town Beach	Town	Grove Ave.	34 / 138	3	DPW	Beach, playground	Yes	Good	Passive	Targeted Watershed Grant	R10
On Silver Lake	Town	Grove Ave	45 / 103	0.413	DPW	park, fishing pier, path	Yes	Good	Passive	Public Access Board	R10
Baby Beach	Town	Grove Ave.	45 / 111	0.175	DPW	Beach, no pkg.	Yes	Good	Passive	No	R10
On Silver Lake	Town	Grove Ave.	45 / 102	0.519	DPW	Park, path	Yes	Good	Passive	Public Access Board	R10
On Silver Lake	Town	Main St.	45 / 117	0.608	DPW	Park, no parking	Yes	Good	Passive	No	NB/R60
On Silver Lake	Town	Main St.	45 / 118	0.473	DPW	Park, no parking	Yes	Good	Passive	No	NB/R60
Town Common	Town	Church St.	52 / 38	2.25	DPW	Park, Common	Yes	Good	Passive	No	R20
Rotary Park	Town	Church St.	42 / 7	6.51	DPW	Park, pond, ballfield, path	Yes	Good	Passive	No	R10/GB
Robert Palmer Park	Town	Glen Road	54/110	19	DPW	Ballfield, trails, playground, picnic	Yes	Good	Picnic	No	R20/R60
Yentile Farm Recreational Facility	Town	9 Cross St.	39/5	20.47	DPW	Vacant - Anticipated Park	Future	N/A	Passive and Active	Application Submitted	GB
			Total	103.52							

Conservation Commission Recreational Parcels (Protected)													
Owner	Name/Address	Map	Parcel	Size (Acres)	Mgmt	Current Use	Public Access	ADA Access	Condition	Rec. Potential	Protected Status	Public Grant	Zone
Town	Kylie Estates, Mill Road	003	3A	17.26	CC	wooded, trails, utility easements	Yes	Limited	Good	Passive	Permanent	None	R60
Town	7 Leonard Lane	010	1F	11.63	CC	wooded, trail, stormwater basin	Yes	No	Good	Passive	Permanent	None	R60
Town	Blanchard Road	020	136	26.2	CC	Upland, wet	No	No	Good	Passive	Permanent	None	R60
Town	Heritage/Lt. Buck Drive CSD	022	3A	4.06	CC	Upland, wet, trails	Yes	No	Good	Passive	Permanent	None	R20
Town	7 Jaques Lane CSD	035	22D	3.14	CC	wooded, marsh, trail	Yes	No	Good	Passive	Permanent	None	R20
Town	2 Jaques Lane CSD	035	22U	0.39	CC	canal remnants	No	No	Good	Passive	Permanent	None	R20
Town	Glen Road -Berry Bog	054	7A	13.00	CC	Wet, upland, trails, abuts Rt. Palmer Park and Town Hall	Yes	No	Good	Passive	Permanent	None	R10
Town	Glen Road -Berry Bog	054	8A	0.23	CC	Wet, no trails	Yes	No	Good	No	Permanent	None	R10
Town	Alderwood Acres, 36 Kenwood	059	30	0.52	CC	Wet, trail, turnaround	Yes	No	Good	Passive	Permanent	Self Help	R20
Town	Alderwood Acres, 40 Kenwood	059	31	0.52	CC	Wet, trail, Seasonal pond	Yes	No	Good	Passive	Permanent	Self Help	R20
Town	Alderwood Acres, 64 Kenwood	072	30	0.64	CC	wooded, wet	Yes	No	Good	No	Permanent	self help	R20
Town	Alderwood Acres, West Street	072	29A	20.59	CC	Woods, pond, trail, boardwalk	Yes	No	Good	Passive	Permanent	Self help	R20
Town	Alderwood Acres, 43 Kenwood	072	29R	0.57	CC	Wet, pond, trail	Yes	No	Good	Passive	Permanent	Self help	R20
Town	Beeching/Winter Street CSD	070	101B	6.16	CC	Wet, wooded, short trail	Yes	No	Good	Passive	Permanent	None	R20
Town	Marjorie Road CSD	070	101F	6.6	CC	wet, wooded, short trail	Yes	No	Good	Passive	Permanent	None	R20
Town	2 Pilcher Drive	082	161	3.90	CC	Wet, pond, short trail	Yes	No	Good	Passive	Permanent	None	R20
Town	16 Draper Drive, Hathaway Acres	101	207	0.52	CC	upland, trail, dumping	Yes	No	Good	Passive	Permanent	Self Help	R20
Town	18 Draper Drive, Hathaway Acres	101	208	0.52	CC	upland, trail	Yes	No	Good	Passive	Permanent	Self Help	R20
Town	20 Draper Drive, Hathaway Acres	101	209	0.56	CC	Wet, upland, trail	Yes	No	Good	Passive	Permanent	Self Help	R20
Town	16 Evans Drive, Hathaway Acres	101	253	0.78	CC	Wet, no trail	Yes	No	Good	No	Permanent	Self Help	R20
Town	Evans Drive, Hathaway Acres	101	254	0.52	CC	Wet, upland, trail	Yes	No	Good	Passive	Permanent	None	R20
Town	26 Evans Drive, Hathaway Acres	101	255	0.94	CC	Wet, upland	Yes	No	fair	Passive	Permanent	Self Help	R20
Town	Salem Street, Hathaway Acres	102	4	2.25	CC	upland, wet, trail, brook	Yes	No	Good	Passive	Permanent	None	R20
Town	Esquire Estates, Hathaway Acres	102	51	12.52	CC	Wetland, upland, trail	Yes	No	Good	Passive	Permanent	Self Help	R20
Town	McGrane Woods CSD	84	52J	1.16	CC	Short trail will be constructed	Yes	No	N/A	Passive	Permanent	None	R60
Town	McGrane Woods CSD	84	52K	1.41	CC	Upland	Yes	No	N/A	Trail	Permanent	None	R60
Town	McGrane Woods CSD	84	52A	3.44	CC	Upland	Yes	No	N/A	Trail	Permanent	None	R60
Town	McGrane Woods CSD	84	10A	1.64	CC	Upland	Yes	No	N/A	Trail	Permanent	None	R60
Town	Town Forest, Ballardvale Street	105	82	2.7	CC	Town Forest	Yes	No	Good	Passive	Permanent	None	R60
Town	Town Forest, Andover Street	0R3	300	154.25	CC	Town Forest, trail, pkg	Yes	No	Good	Passive	Permanent	MA Suppl. Budget	R60
Town	Brookfield Estates CSD, 54 Ashwood Avenue	0R4	116	25.4	CC	Wet, upland, trail	Yes	No	Good	Passive	Permanent	No	R20
324.02													

Conservation Commission Natural Parcels (Protected)

Owner	Name/Location	Map	Parcel	Size (Acres)	Mgmt	Current Use	Public Access	ADA Access	Condition	Rec. Potential	Protected Status	Public Grant Used	Zone
Town	Burlington Line	001	7A	2.00	CC	Upland, no access (landlocked)	No	No	Good	No	Permanent	No	R60
Town	Chestnut Street	001	9	4.50	CC	wooded, no trail	Casual	No	Good	Trails	Permanent	No	R20
Town	24R Hillside Way OS	002	9B	2.99	CC	upland, wet, no trail	Casual	No	Good	Trails	Permanent	No	R60
Town	Off Marion St.	005	5	55.00	CC	Upland woods, wet, stream, no trail	Casual	No	Good	Trails	Permanent	No	R20
Town	Walnut Street	006	13	0.21	CC	Upland woods, no trail	Casual	No	Good	Passive	Permanent	No	R20
Town	Walnut Street	006	14	0.12	CC	upland woods, no trail	Casual	No	Good	Passive	Permanent	No	R20
Town	Walnut Street	006	19	0.24	CC	Upland woods, no trail	Casual	No	Good	Passive	Permanent	No	R20
Town	Sharon Street (Paper)	006	28	0.17	CC	Upland woods, no trail	Casual	No	Good	Passive	Permanent	No	R20
Town	Sharon Street (Paper)	006	29	0.15	CC	Upland woods, no trail	Casual	No	Good	Passive	Permanent	No	R20
Town	Sharon Street (Paper)	006	30	0.09	CC	Upland woods, no trail	Casual	No	Good	Passive	Permanent	No	R20
Town	Sharon Street (Paper)	006	31	0.12	CC	Upland woods, no trail	Casual	No	Good	Passive	Permanent	No	R20
Town	Polk Street (Paper)	006	41	0.29	CC	Upland woods, no trail	Casual	No	Good	Passive	Permanent	No	R20
Town	Mather Street (Paper)	006	42A	0.23	CC	Upland woods, no trail	Casual	No	Good	Passive	Permanent	No	R20
Town	Mather Street (Paper)	006	45	0.23	CC	Upland woods, no trail	Casual	No	Good	Passive	Permanent	No	R20
Town	Wall Street (Paper)	006	50	0.45	CC	upland, wet, no trail	Casual	No	fair	Passive	Permanent	No	R20
Town	Mather Street (paper)	006	57	0.5	CC	upland woods, wet, no trail	Casual	No	Good	Passive	Permanent	No	R20
Town	Mather Street (Paper)	006	58	0.4	CC	upland, wet no trail	Casual	No	Good	Passive	Permanent	No	R20
Town	Ashmont Street (paper)	006	61	0.85	CC	wooded, wet, no trail	Casual	No	Good	Passive	Permanent	No	R20
Town	Scott Street (paper)	006	65	0.36	CC	Wet, stream, no trail	No	No	Good	No	Permanent	No	R20
Town	Byron Street (paper)	006	67	0.34	CC	wooded, wet	No	No	Good	Passive	Permanent	No	R20
Town	Randolph Road (paper)	007	25A	0.69	CC	Wet, no trail	No	No	Good	No	Permanent	No	R20
Town	Harding Road (Paper)	008	32	2.00	CC	wooded, wet, no trail	No	No	Good	No	Permanent	No	R20
Town	42 Forest Street	008	56	0.36	CC	woods, stream, no path	No	No	Good	Passive	Permanent	No	R20
Town	40 Forest Street	008	57	0.14	CC	woods, stream, no path	No	No	Good	Passive	Permanent	No	R20
Town	Forest Street	008	58	0.15	CC	wooded, no trail	No	No	Good	Passive	Permanent	No	R20
Town	Calumet Road (paper)	008	60A	0.69	CC	wooded, no trail	No	No	Good	Passive	Permanent	No	R20
Town	Calumet Road (paper)	008	60B	2.50	CC	shrub swamp, marsh, wooded, skating	No	No	Good	Passive	Permanent	No	R20
Town	Randolph Road	008	62A	1.20	CC	shrub swamp, no trail	No	No	Good	No	Permanent	No	R20
Town	Randolph Road	008	64	0.92	CC	wooded, wet, no trail	No	No	Good	Passive	Permanent	No	R20
Town	Winston Avenue/Calumet	008	69	0.69	CC	wooded, wet, no trail	No	No	Good	No	Permanent	No	R20
Town	Elwood Road	008	79	0.23	CC	parking, wet, no trail	No	No	fair-good	Passive	Permanent	No	R20
Town	Winston/ Elwood Rd	008	80	0.57	CC	wooded, wet, no trail	No	No	Good	No	Permanent	No	R20
Town	Winston Avenue/Calumet	008	81	0.46	CC	wooded, wet, no trail	No	No	Good	No	Permanent	No	R20

Town	Winston Ave	008	82	0.11	CC	wooded, wet, no trail	No	No	Good	No	Permanent	No	R20
Town	Winston Ave/Calumet	008	83	0.8	CC	wooded, wet, no trail	No	No	Good	No	Permanent	No	R20
Town	Calumet Road	008	84	1.15	CC	wooded, shrub swamp, no trail	No	No	Good	No	Permanent	No	R20
Town	Calumet Road	008	85	0.57	CC	shrub swamp, no trail	No	No	Good	No	Permanent	No	R20
Town	15 Elwood Road	008	88	3.00	CC	wooded, wet, no trail	No	No	Good	No	Permanent	No	R10/20
Town	Avery Street	009	23	0.69	CC	wooded, no trail	No	No	Good	Passive	Permanent	No	R60
Town	Avery Street	009	23A	0.11	CC	wooded, wet, no trail	No	No	Good	No	Permanent	No	R60
Town	Littlewood Road	009	24	0.11	CC	wooded, wet, no trail	No	No	Good	No	Permanent	No	R60
Town	Littlewood Road	009	38	2.75	CC	wooded, wet, no trail	No	No	Good	No	Permanent	No	R60
Town	Avery Street	009	39	0.11	CC	wooded, wet, no trail	No	No	Good	No	Permanent	No	R60
Town	Avery Street	009	40	0.11	CC	wooded, wet, no trail	No	No	Good	No	Permanent	No	R60
Town	Avery Street	009	41	0.11	CC	wooded, wet, no trail	No	No	Good	No	Permanent	No	R60
Town	Avery Street	009	42	0.11	CC	wooded, wet, no trail	No	No	Good	No	Permanent	No	R60
Town	Cambridge Avenue	009	67A	0.18	CC	wooded	No	No	Good	Trails	Permanent	No	R60
Town	Cambridge Avenue/ Andrew Street	009	70	0.55	CC	wooded, upland, wet, encroachment	No	No	Good-fair	Trails	Permanent	No	R60
Town	Somerville Avenue	009	72F	0.23	CC	wooded, wet, no trail	No	No	Good	Passive	Permanent	No	R60
Town	1 Wakefield Ave.(paper)	009	76	0.18	CC	wooded, no trail	No	No	Good	Passive	Permanent	No	R60
Town	Daniels Drive	009	84	0.23	CC	wooded, no trail	No	No	Good	Passive	Permanent	No	R60
Town	Alice Avenue	010	9	0.18	CC	wooded	No	No	Good	Passive	Permanent	No	R60
Town	Bedford Street	010	18	0.4	CC	wooded, some wet	No	No	Good	Passive	Permanent	No	R60
Town	Revere Avenue	010	19	0.58	CC	wooded, some wet	No	No	Good	Passive	Permanent	No	R60
Town	Charles River Avenue	010	27	0.92	CC	shrub swamp	No	No	Good	No	Permanent	No	R60
Town	Charles River Avenue	010	28	0.51	CC	shrub swamp	No	No	Good	No	Permanent	No	R60
Town	Charles River Avenue	010	28A	0.25	CC	shrub swamp	No	No	Good	No	Permanent	No	R60
Town	Charles River Avenue	010	29	0.21	CC	shrub swamp	No	No	Good	No	Permanent	No	R60
Town	Charles River Avenue	010	30	0.70	CC	shrub swamp, wooded	No	No	Good	No	Permanent	No	R60
Town	Charles River Avenue	010	30A	0.19	CC	shrub swamp	No	No	Good	No	Permanent	No	R60
Town	Lynn Avenue	010	33	1.60	CC	shrub swamp, stream	No	No	Good	No	Permanent	No	R60
Town	Lynn Avenue	010	34	0.17	CC	shrub swamp, stream	No	No	Good	No	Permanent	No	R60
Town	Lynn Avenue	010	35	1.34	CC	Wet no trail	No	No	Good	No	Permanent	No	R60
Town	Lynn Avenue	010	35A	0.04	CC	Wet no trail	No	No	Good	No	Permanent	No	R60
Town	Peabody Avenue	010	43	0.56	CC	woods, no trail	No	No	Good	No	Permanent	No	R60
Town	Peabody Avenue	010	44	0.3	CC	woods, no trail	No	No	Good	Passive	Permanent	No	R60
Town	Peabody Avenue	010	44A	0.17	CC	woods, no trail	No	No	Good	Passive	Permanent	No	R60
Town	Reading Avenue	010	46	0.17	CC	woods, no trail	No	No	Good	Passive	Permanent	No	R60
Town	Reading Avenue	010	47	0.09	CC	woods, no trail	No	No	Good	Passive	Permanent	No	R60
Town	Leroy Street	010	54A	0.43	CC	Wet no trail	No	No	Good	No	Permanent	No	R60
Town	Reading Avenue	010	55	0.17	CC	Wet no trail	No	No	Good	No	Permanent	No	R60
Town	Reading Avenue	010	56	0.17	CC	Wet no trail	No	No	Good	No	Permanent	No	R60
Town	Reading Avenue	010	60	0.39	CC	woods, no trail	No	No	Good	Passive	Permanent	No	R60

Town	Staff Road	10	61	0.19	CC	woods, wet, no trail	No	No	Good	Passive	Permanent	No	R60
Town	University St.	011	19A	0.34	CC	wet, floodplain, no trail	No	No	Good	Passive	Permanent	No	R60
Town	37 Dorchester Street	011	22A	0.25	CC	wooded, no trail	No	No	Good	Passive	Permanent	No	R60
Town	Albany Street	011	28	0.51	CC	wooded, no trail	No	No	Good	Passive	Permanent	No	R60
Town	Albany Street	011	29	0.14	CC	wooded, no trail	No	No	Good	Passive	Permanent	No	R60
Town	Albany Street	011	30	0.18	CC	wooded, no trail	No	No	Good	Passive	Permanent	No	R60
Town	Albany Street	011	32	0.91	CC	wooded, no trail	No	No	Good	Passive	Permanent	No	R60
Town	Albany Street	011	32A	0.28	CC	wooded, no trail	No	No	Good	Passive	Permanent	No	R60
Town	Albany Street	011	33	0.31	CC	wooded, wet, encroach	No	No	Good	Passive	Permanent	No	R60
Town	Third Avenue/Albany Street	011	34	0.68	CC	wooded, wet, no trail	No	No	Good	Passive	Permanent	No	R60
Town	Boyle Street/Third Ave	011	36X	0.77	CC	wooded, wet, no trail	No	No	Good	No	Permanent	No	R60
Town	Off Chestnut Street	014	3	2.18	CC	Abuts well field	No	No	Good	No	Permanent	No	R60
Town	Off Chestnut Street	014	5D	23.30	CC	Wet, abuts well field	No	No	Good	No	Permanent	No	
Town	Clifton Street	016	48	0.19	CC	Wet no trails	No	No	Good	No	Permanent	No	R20
Town	Clifton Street	016	49	0.64	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	18 Pembroke Street	016	50	0.34	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	Safford Street	017	6	2.01	CC	wooded, wet, no trails	No	No	Good	Trails	Permanent	No	R20
Town	Safford Street	017	7	4.25	CC	wooded, wet, no trails	No	No	Good	Trails	Permanent	No	R20
Town	Safford Street	017	8	0.76	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	Safford Street	017	9	0.31	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	Houghton Road	020	126A	0.14	CC	wooded, drain	No	No	Good	Passive	Permanent	No	R20
Town	198 Shawsheen Avenue	021	1	11.90	CC	Lubbers Brook, ex-cranberry bog	No	No	Good	Passive	Permanent	No	R60/R20
Town	536 Shawsheen Avenue	023	8K	0.69	CC	wooded floodplain on Shawsheen River	No	No	Good	Passive	Permanent	No	R60
Town	Cook Avenue	024	34	0.48	CC	wooded, no trail	No	No	Good	Passive	Permanent	No	GI
Town	Cook Avenue	024	35	0.22	CC	wooded, no trail	No	No	Good	Passive	Permanent	No	R20
Town	Cook Avenue	024	36	0.07	CC	wooded; no trail	No	No	Good	Passive	Permanent	No	GI
Town	Cook Avenue	024	201	8.30	CC	wooded, no trails, encroach	No	No	Good	Passive	Permanent	No	R20
Town	Belvedere Street	027	8	0.15	CC	Wet, no trails	No	No	Good	No	Permanent	No	R60
Town	Belvedere St /Butters Row	027	10	0.32	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	Belvedere Street	027	11A	0.15	CC	Wet, no trails	No	No	Good	No	Permanent	No	R60
Town	Towpath Drive/ Middlesex Canal	029	11U	15.41	CC	Wet, abuts ex-canal	No	No	Good	Trails	Permanent	No	R20
Town	Hillcrest Street	030	39	0.46	CC	abuts Ipswich River	No	No	Good	No	Permanent	No	R20
Town	Canal Street	031	13	3.00	CC	shrub swamp floodplain on Ipswich River	No	No	Good	No	Permanent	No	R20
Town	Apple Road	031	46	0.13	CC	wooded, abuts school	No	No	Good	Passive	Permanent	No	R20
Town	Newbern Avenue	032	9	0.15	CC	wooded	No	No	Good	Passive	Permanent	No	R20
Town	Newbury/Norfolk	032	10	0.15	CC	wooded	No	No	Good	Passive	Permanent	No	R20
Town	Newbern Avenue	032	13	0.3	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20

Town	Nason Street/ Newbern Avenue	032	14	0.12	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	Nason Street/ Newbern Avenue	032	15	0.16	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	Nason Street/ Newbern Avenue	032	16	0.29	CC	Wet, no trails	No	No	Good	Passive	Permanent	No	R20
Town	33 Auburn Street	032	102B	0.39	CC	Wet, no trails	No	No	Good	Passive	Permanent	No	R20
Town	37 Aldrich Road	033	11	0.74	CC	Woods, no trails	No	No	Good	Passive	Permanent	No	R20
Town	Shawsheen Avenue/ Houghton Road	033	30	1.29	CC	Wet, no trails, dumping	No	No	fair	Passive	Permanent	No	R20
Town	Blanchard Road	033	42	0.466	CC	Wooded floodplain	No	No	fair-good	Passive	Permanent	No	R20
Town	Shawsheen Avenue/ Houghton Road	033	100	1.43	CC	abuts well, some wet	No	No	Good	No	Permanent	No	R20
Town	Pearl Court	034	71B	1.50	CC	Wet, no trails	No	No	Good	No	Permanent	No	R10
Town	Grove Avenue/ Lake Street	034	72	2.77	CC	Wet, no trails	No	No	Good	No	Permanent	No	R10
Town	2 Jaques Lane	035	22U	0.39	CC	canal remnants	No	No	Good	Trails	Permanent	No	R20
Town	24 Vermont Road	035	60	0.4	CC	wooded, wet, no trails	No	No	Good	No	Permanent	No	R20
Town	Rhode Island Road	035	72	0.18	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	Rhode Island Road	035	72A	0.46	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	New Hampshire Road	035	73	0.16	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	Grace Drive	036	160	2.00	CC	fishing access, floodplain	informal	No	fair to Good	Trails	Permanent	No	R20
Town	Fairmont Avenue	040	52	0.05	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	Fairmont Avenue	040	53	0.05	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	Plymouth Avenue	040	61	0.08	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	Lloyd Road	040	71	0.15	CC	Vacant		No	Good	Passive	Permanent	No	R20
Town	Morton Street	040	104	0.11	CC	wooded, trail	No	No	misused	Passive	Permanent	No	R20
Town	Olive Street	040	116	0.28	CC	wooded, trail	No	No	misused	Passive	Permanent	No	R20
Town	Olive Street	040	117	0.11	CC	wooded, trail	No	No	misused	Passive	Permanent	No	R20
Town	Olive Street	040	118	0.06	CC	wooded, trail	No	No	misused	Passive	Permanent	No	R20
Town	Olive Street	040	119	0.17	CC	wooded, trail	No	No	misused	Passive	Permanent	No	R20
Town	Olive Street	040	120	0.06	CC	wooded, trail	No	No	misused	Passive	Permanent	No	R20
Town	Olive Street	040	121	0.69	CC	wooded, trail	No	No	misused	Passive	Permanent	No	R20
Town	Molloy Road	040	127	0.11	CC	wooded	No	No	Good	Passive	Permanent	No	R20
Town	Molloy Road	040	129	0.34	CC	wooded, trail	No	No	misused	Passive	Permanent	No	R20
Town	Temple Street	040	131	0.17	CC	wooded, trail	No	No	misused	Passive	Permanent	No	R20
Town	Adams Street	040	178	0.11	CC	Wooded, no trails	No	No	Good	Passive	Permanent	No	R20
Town	Adams Street	040	179	0.17	CC	Wooded, no trails	No	No	Good	Passive	Permanent	No	R20
Town	Adams Street	040	180	0.37	CC	Wooded, no trails	No	No	Good	Passive	Permanent	No	R20
Town	Adams Street	040	181	0.07	CC	Wooded, no trails	No	No	Good	Passive	Permanent	No	R20
Town	Adams Street	040	182	0.08	CC	Wooded, no trails	No	No	Good	Passive	Permanent	No	R20
Town	Adams Street	040	183	0.08	CC	Wooded, no trails	No	No	Good	Passive	Permanent	No	R20

Town	Adams Street	040	184	0.41	CC	Wooded, no trails	No	No	Good	Passive	Permanent	No	R20
Town	Adams Street	040	186	0.06	CC	Wooded, wet, no trails	No	No	Good	Passive	Permanent	No	R20
Town	Adams Street	040	188	0.17	CC	Wooded, wet, no trails	No	No	Good	Passive	Permanent	No	R20
Town	7 Hanover Street	041	8	0.11	CC	wooded, wet	No	No	Good	Passive	Permanent	No	R10
Town	Church Street	041	64	0.46	CC	Wooded, wet, no trails	No	No	Good	Passive	Permanent	No	GB
Town	Tremont Street	041	65	0.26	CC	Wooded, wet, no trails	No	No	Good	No	Permanent	No	GB
Town	Tremont Street	041	66	2.00	CC	Wooded, wet, no trails	No	No	Good	Passive	Permanent	No	R20
Town	Tremont Street	041	67	1.10	CC	Wooded, wet, no trails	No	No	Good	No	Permanent	No	GB/R20
Town	Fairveiw Avenue	041	81	0.46	CC	Wooded, wet, no trails	No	No	Good	No	Permanent	No	R20
Town	Loring Avenue	041	91	0.06	CC	Wooded, wet, no trails	No	No	Good	No	Permanent	No	R20
Town	Talbot Avenue	041	97	0.92	CC	Wooded, wet, no trails	No	No	Good	No	Permanent	No	R20
Town	Loring Avenue	041	98	1.03	CC	Wooded, wet, no trails	No	No	Good	No	Permanent	No	R20
Town	Loring Avenue	041	99	0.23	CC	Wooded, no trails	No	No	Good	No	Permanent	No	R20
Town	Talbot Avenue	041	101	0.47	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	Talbot Avenue	041	103	0.08	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	Brand Avenue	044	64	1.25	CC	Wet, some encroach.	No	No	Good	Passive	Permanent	No	R10
Town	Taplin Avenue	044	71	0.92	CC	Wooded, wet, no trails	No	No	Good	Passive	Permanent	No	R10
Town	Main Street	045	40	0.77	CC	Wet, stream, no trails	No	No	Good	No	Permanent	No	R10
Town	Veranda Avenue	045	42	0.15	CC	Wet, no trails, dumping	No	No	fair	No	Permanent	No	NB
Town	Veranda Avenue	045	52	0.29	CC	Wet, no trails	No	No	fair	No	Permanent	No	R10
Town	Veranda Avenue	045	53	0.29	CC	Wet, no trails	No	No	Good	No	Permanent	No	R10
Town	Phillips Avenue	045	94	0.14	CC	Wet, no trails	No	No	fair	Passive	Permanent	No	R10
Town	York Street	045	95	0.23	CC	Wet, no trails	No	No	Good	Passive	Permanent	No	R10
Town	York Street	045	96	1.25	CC	Wet, no trails	No	No	Good	No	Permanent	No	R10
Town	York Street	045	97	0.77	CC	Wet, no trails	No	No	Good	No	Permanent	No	R10
Town	Wild Avenue	045	101A	3.66	CC	Wet, no trails	No	No	Good	No	Permanent	No	R10
Town	Phillips Avenue	045	93Y	1.80	CC	Wet, no trails, dumping	No	No	Good	No	Permanent	No	R10
Town	Phillips Avenue	045	93Z	2.00	CC	Wet, no trails, dumping	No	No	Good	No	Permanent	No	R20
Town	End Dartmouth Ave	049	57C	11.00	CC	shrub swamp floodplain	No	No	Good	No	Permanent	No	R20
Town	Off Allenhurst Way	049	57F	6.30	CC	shrub swamp floodplain	No	No	Good	No	Permanent	No	R20
Town	Adams Street	050	3B	19.41	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	Quint Road	050	29	0.13	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	Lemonwood Road	050	32	0.11	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	Lemonwood Road	050	33	0.13	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	Lemonwood Road	050	34	0.11	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	Lemonwood Road	050	36	0.34	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	Marshall	050	37	4.50	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	Marshall	050	38	2.50	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	Dunne Street	050	39	2.25	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	Dunne Street	050	40	0.13	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	Dunne Street	050	41	0.76	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	Dunne Street	050	42	2.25	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20

Town	Marshall	050	43	0.26	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	Marshall	050	44	0.53	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	Marshall	050	45	0.1	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	Marshall	050	46	0.18	CC	Vacant	No	No	Good	No	Permanent	No	R20
Town	Parker Street	050	48	0.45	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	Riverside	050	49	1.38	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	Riverside	050	50	0.56	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	Fulton Road	050	51	0.59	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	Fulton Road	050	57	0.34	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	Fulton Road	050	58	1.15	CC	Woods, no trails	No	No	Good	No	Permanent	No	R20
Town	Parker Street	050	67	0.05	CC	Woods, no trails	No	No	Good	No	Permanent	No	R20
Town	Parker Street	050	69	0.17	CC	Woods, no trails	No	No	Good	No	Permanent	No	R20
Town	Madison Street	050	72	0.83	CC	Woods, no trails	No	No	Good	No	Permanent	No	R20
Town	Wildwood Street	050	104	19.00	CC	Wet, river, no trails	No	No	Good	No	Permanent	Self help	R20
Town	Wildwood Street Rear	050	104A	9.00	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	off Kidder Place	051	10A	5.29	CC	wet, floodplain, no trail	No	No	Good	No	Permanent	No	R20
Town	Hanover Street	051	51	0.46	CC	vernal pool	No	No	Good	No	Permanent	No	R10
Town	Atlantic Avenue	051	56	0.14	CC	Woods, no trails	No	No	Good	No	Permanent	No	R10
Town	State Street/ Lime	051	78	0.11	CC	Wet, no trails	No	No	Good	No	Permanent	No	R10
Town	State Street/ Lime	051	79B	0.8	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	State Street/ Lime	051	79C	0.17	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	State Street/ Lime	051	79D	0.23	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	State Street/ Lime	051	80	0.06	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	4 Kelley Road	051	85A	0.18	CC	Wet, no trails	No	No	Good	No	Permanent	No	R10
Town	2 Kelley Road	051	85B	0.37	CC	Wet, no trails	No	No	Good	No	Permanent	No	R10
Town	Rear Kelley Road	051	94A	0.28	CC	Wet, no trails	No	No	Good	No	Permanent	No	R10
Town	North Washington Avenue	053	114	2.70	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	North Washington Avenue	053	115	0.37	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	74 Main Street	054	1D	0.81	CC	wet, stream, no trails	No	No	Good	No	Permanent	No	R20
Town	31 Crescent Street	054	84E	0.28	CC	Wet, no trails	No	No	Good	No	Permanent	No	R10
Town	Beeching Avenue	055	98	0.11	CC	Wooded, no trails	No	No	Good	No	Permanent	No	R10
Town	14 Everett Avenue	055	106	0.29	CC	Wooded, no trails	No	No	Good	No	Permanent	No	R10
Town	Fairfield Road	055	141	1.38	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	Tracy Circle	058	308	0.49	CC	Wet, no trails	No	No	Good	No	Permanent	No	R10
Town	Nathan Road Ext.	060	3C	18.85	CC	Wet, upland, no trails	No	No	Good	No	Permanent	No	R20
Town	Off Wildwood Street	060	7A	0.13	CC	Woods, no trails	No	No	Good	No	Permanent	No	R20
Town	Senpek Road. Ext.	060	17	6.00	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	Wildwood Street	061	2	0.14	CC	Wet, no trails, floodplain	No	No	Good	No	Permanent	No	R20
Town	Wildwood Street Rear	061	3	0.77	CC	Wet, no trails, floodplain	No	No	Good	No	Permanent	No	R20
Town	Wildwood Street Rear	061	8B	3.00	CC	Wet, no trails, floodplain	No	No	Good	No	Permanent	No	R20
Town	Rear Glendale Circle	065	4	2.50	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20

Town	Glen Road	066	53	8.00	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	Glen Road	066	54	2.25	CC	Wet, no trails	No	No	Good	No	Permanent	No	R10/R20
Town	Off Lawrence Street	066	72	0.81	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	Claremont Street	068	1	16.99	CC	Wooded, wet, no trails	No	No	Good	No	Permanent	No	R20
Town	Off Broad Street	068	41	1.43	CC	Wooded, wet, no trails	No	No	Good	No	Permanent	No	R20
Town	Jacob Street	069	99	0.18	CC	Vacant	No	No	Good	No	Permanent	No	R20
Town	Jacob Street	069	100	0.11	CC	Vacant	No	No	Good	No	Permanent	No	R20
Town	Allston Avenue	069	105	0.11	CC	Vacant	No	No	Good	No	Permanent	No	R10
Town	Allston Avenue	069	106	0.11	CC	Vacant	No	No	Good	No	Permanent	No	R20
Town	Allston Avenue	069	107	0.17	CC	Vacant	No	No	Good	No	Permanent	No	R20
Town	Allston Avenue	069	108	0.12	CC	Vacant	No	No	Good	No	Permanent	No	R10/20
Town	Allston Avenue	069	111A	0.06	CC	Vacant	No	No	Good	No	Permanent	No	R10
Town	Brookline Avenue	069	115	0.96	CC	Wet, no trails	No	No	Good	No	Permanent	No	R10/R20
Town	Beeching Avenue	069	119	0.22	CC	Wet, no trails	No	No	Good	No	Permanent	No	R10/R20
Town	Beeching Avenue	069	120	0.49	CC	Wet, no trails	No	No	Good	No	Permanent	No	R10/R20
Town	Sudbury Avenue	070	5	1.24	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	Faulkner Avenue	070	9	2.25	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	Faulkner Avenue	070	9A	0.05	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	Brookline Avenue	070	13	2.25	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	Faulkner Avenue	070	14	0.11	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	Allston Avenue	070	16	0.06	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	Allston Avenue	070	17	0.06	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	W. Jamaica Avenue	070	23	0.11	CC	Vacant	No	No	Good	No	Permanent	No	R10
Town	Allston Avenue	070	27	0.23	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	Allston Avenue	070	28	0.11	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	W. Jamaica Avenue	070	30	0.56	CC	Wet, wooded	No	No	Good	No	Permanent	No	R10
Town	W. Jamaica Avenue	070	38	0.06	CC	Vacant	No	No	Good	No	Permanent	No	R10
Town	Cabot Street	070	41	0.15	CC	Wooded	No	No	Good	Trails	Permanent	No	R20
Town	Cabot Street	070	42	0.15	CC	Wooded	No	No	Good	Trails	Permanent	No	R20
Town	Cabot Street	070	43	0.15	CC	Wooded	No	No	Good	Trails	Permanent	No	R20
Town	Faulkner Avenue	070	48	0.05	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	Faulkner Avenue	070	49	0.05	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	Faulkner Avenue	070	51	0.13	CC	Wooded	No	No	Good	Trails	Permanent	No	R20
Town	Faulkner Avenue	070	52	0.06	CC	Wooded	No	No	Good	Trails	Permanent	No	R20
Town	Faulkner Avenue	070	53	0.16	CC	wooded, dumping	No	No	Good	Trails	Permanent	No	R20
Town	Beeching Avenue	070	68	1.25	CC	Wet, no trails	No	No	Good	No	Permanent	No	R10
Town	Sudbury Avenue	070	69	0.06	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	Lloyd Road	070	71	0.19	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	Fairfield Road	070	72	1.50	CC	Wet, no trails	No	No	Good	No	Permanent	No	R10
Town	Lloyd Road	070	73	0.19	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	Lloyd Road	070	74	0.39	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	Fairfield Road	070	75	1.50	CC	Wet, no trails	No	No	Good	No	Permanent	No	R10

Town	Off West Street	071	15	4.25	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20/GI
Town	West Street	071	21	0.71	CC	vernal pool, no trails	No	No	Good	Passive	Permanent	No	R10
Town	West Street	071	21A	0.54	CC	vernal pool, no trails	No	No	Good	Passive	Permanent	No	R10
Town	Oxford Road	073	19	1.25	CC	Wet, no trails	No	No	dumping	No	Permanent	No	R20
Town	Kilmarnock Street	073	59A	2.6	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	Woburn Street	075	1	29.4	CC	Wet, river, no trails	No	No	Good	No	Permanent	No	R20
Town	Grove Street	075	15	1.69	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	Grove Street Rear	075	15A	1.29	CC	Wet, no trails	No	No	Good	No	Permanent	No	Rf20
Town	Woburn Street Rear	075	16A	11.36	CC	Wet, river, no trails	No	No	Good	No	Permanent	No	R20
Town	Federal Street	076	9	6.00	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	RR Tracks (beside)	077	2	2.25	CC	marsh, floodplain	No	No	Good	No	Permanent	No	GI
Town	Concord Street	077	4B	0.51	CC	marsh, floodplain	No	No	Good	No	Permanent	No	R20
Town	Concord Street	077	11	9.10	CC	marsh, brook, wooded	No	No	Good	Passive	Permanent	No	GI
Town	Somerset Place	078	1B	9.52	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	North Street	078	28	0.69	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	17 Shady Lane Dr.	079	15A	0.87	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	Douglas Avenue	079	111B	13.00	CC	pond, wet, no trails	No	No	Good	Trails	Permanent	No	R20
Town	39 Shady Lane Drive.	080	34	0.61	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	Salem Street.	081	1A	0.94	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	Lawrence Street.	081	7B	0.23	CC	Wet, upland	No	No	Good	Trails	Permanent	No	R20
Town	Lawrence Street.	081	7C	0.23	CC	Wet, upland	No	No	Good	No	Permanent	No	R20
Town	Lawrence Street.	081	7D	0.92	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	Lawrence Street.	081	8B	7.50	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	Birchwood Road	081	14B	1.03	CC	Wet, no trail, dumping	No	No	Fair	No	Permanent	No	R10
Town	Birchwood Road	081	14C	1.03	CC	Wet, no trail, encroach	No	No	Good	No	Permanent	No	R10/R20
Town	33 Birchwood Road	081	15	2.07	CC	Wet, no trails	No	No	Good	No	Permanent	No	R10/R20
Town	30 Birchwood Road	081	28B	0.23	CC	Wet, no trails	No	No	Good	No	Permanent	No	R10
Town	26-28 Birchwood Road	081	29	0.46	CC	Wet, no trails	No	No	Good	No	Permanent	No	R10
Town	Corum Meadows	082	100	17.00	CC	Wet, brook, no trails	No	No	Good	No	Permanent	No	R20
Town	24 Biggar Avenue	082	132	0.52	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	26 Biggar Avenue	082	133	0.52	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	28 Biggar Avenue	082	134	0.52	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	23 Biggar Avenue	082	146	0.52	CC	Wet, no trail, dumping	No	No	fair	No	Permanent	No	R20
Town	25 Biggar Avenue	082	148	0.52	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	27 Biggar Avenue	082	150	0.52	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	Pilcher Drive	082	152	0.52	CC	Wet, no trail, dumping	No	No	fair	No	Permanent	No	R20
Town	Pilcher Drive	082	153	0.52	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	10 Pilcher Drive	082	154	0.52	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	5 Pilcher Drive	082	157	0.52	CC	Wet, no trail, dumping	No	No	fair	No	Permanent	No	R20
Town	7 Pilcher Drive	082	158	0.52	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	9 Pilcher Drive	082	159	0.52	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	11 Pilcher Drive	082	160	0.52	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20

Town	Cherokee Lane	085	7C	12.62	CC	Wet, no trail, river, stormwater basin	No	No	Good	No	Permanent	No	R20
Town	Woburn Street	085	15	0.66	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	26 Concord Street	086	2	3.74	CC	Wet, no trails	No	No	Good	Passive	Permanent	No	R20
Town	B&M Railroad	088	15	2.50	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	end of Linda Road	088	32	2.98	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	North Street	088	44	3.25	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	Pinewood Avenue	089	2	1.75	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	11 Fredericks Drive	089	17F	2.30	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	284 Salem Street	090	6	13.60	CC	Wet, no trails	No	No	Good	No	Permanent	No	R20
Town	57 Park Street	092	2	0.98	CC	Wet, no trail	No	No	Good	No	Permanent	No	R20
Town	Salem Street	095	17G	1.26	CC	Wet, no trail	No	No	Good	No	Permanent	No	R20
Town	1 Park Street	100	61	0.69	CC	Wet, no trail	No	No	Good	No	Permanent	No	R20
Town	Freeport Drive	100	228	14.88	CC	Wet, no trail, reserved rights	No	No	Good	No	Permanent	No	R20
Town	26 Evans Drive, Hathaway Acres	101	255	0.94	CC	Wet, upland, dug bike jumps	informal	No	fair	Trails	Permanent	Self Help	R20
Town	Lucaya Circle	101	617	0.5	CC	Wet, upland	No	No	fair	Trails	Permanent	No	R20
Town	Salem Street	102	3	1.25	CC	Wooded, no trail	Informal	No	fair	Passive	Permanent	No	R20
Town	20 Yale Avenue	104	23	0.31	CC	wooded	No	No	Good	Passive	Permanent	No	R60
Town	22 Yale Avenue	104	24	0.23	CC	wooded	No	No	Good	Passive	Permanent	No	R60
Town	Yale Avenue	104	37	1.75	CC	wooded	No	No	Good	Passive	Permanent	No	R60
Town	18 Princeton Road	104	39	0.11	CC	wooded	No	No	Good	Passive	Permanent	No	R60
Town	22 Princeton Road.	104	40	1.15	CC	wooded, wet & upland	No	No	Good	Passive	Permanent	No	R60
Town	23 Yale	104	41	0.11	CC	wooded, wet & upland	No	No	Good	Passive	Permanent	No	R60
Town	Lords Court	106	312	0.38	CC	stormwater basin	No	No	Good	No	Permanent	No	R60
Town	Lords Court	106	316	1.77	CC	wooded, wet	No	No	Good	No	Permanent	No	R60
Town	Lords Court	106	317	0.86	CC	swamp, encroachment	No	No	Good	No	Permanent	No	R60
Town	Lords Court	106	337	0.55	CC	stormwater basin	No	No	Good	No	Permanent	No	R60
Town	Stonehedge Drive.	107	31	23.96	CC	Wet, no trail	No	No	Good	No	Permanent	No	R20
Town	Salem Street. Rear	OR1	22	14.00	CC	Wet, no trail	No	No	Good	No	Permanent	No	GI
Town	adj. B&M Railroad	OR2	5	5.00	CC	wet, no access	No	No	Good	No	Permanent	No	R20
Town	Ramp off of 93	OR2	6	32.40	CC	Wet, no trail	No	No	Good	No	Permanent	No	R20/GI
				674.46									

Water Department Land (no public access)

Name / Location	Owner	Address	M / P	Size (Acres)	Mgmt	Current Use	Condition	Rec. Potential	Public Grant Used	Zoning
Hillside Way WST	WD	15 Hillside Way	2 / 16A	1.60	Water Dpt	water tower	wooded	None	No	R-60
Aldrich Road Well	WD	Bousefield Street	9 / 45	6.43	Water Dpt	floodplain, wet, wooded	Well Off Line	None	No	R-60
Aldrich Road Well	WD	Bousefield Street	9 / 46	0.19	Water Dpt	floodplain, wooded	Well Off Line	NONE	No	R-60
Aldrich Road Well	WD	Bousefield Street	9 / 47	0.13	Water Dpt	floodplain, wooded	Well Off Line	NONE	No	R-60
Aldrich Road Well	WD	Bousefield Street	9 / 48	0.07	Water Dpt	wooded	Well Off Line	NONE	No	R-60
Aldrich Road Well	WD	Bousefield Street	9 / 49	0.07	Water Dpt	wooded	Well Off Line	NONE	No	R-60
Aldrich Road Well & PS	WD	Aldrich Road Rear	9 / 54A	56.20	Water Dpt	wet, floodplain, wooded	Well Off Line	None	No	R-60
Aldrich Road Well	WD	Revere Avenue SS	10 / 22	0.13	Water Dpt	floodplain, wooded	Well Off Line	NONE	No	R-60
Aldrich Road Well	WD	Lynn Avenue	10 / 32	1.62	Water Dpt	wet, floodplain	Well Off Line	NONE	No	R-60
Chestnut Street Well & PS	WD	Chestnut Street	14 / 6	53.00	Water Dpt	pump station	Well Off Line	NONE	No	R-60
Butters Row Well 1 & Water Treatment Plant	WD	54 Butters Row	27 / 13	16.50	Water Dpt	Water Treatment Plant	Well Off Line	NONE	No	R-20 / R-60
Butters Row Well 2	WD	Butters Row Rear	27 / 11E	7.50	Water Dpt	wooded, wet, floodplain	Land	NONE	No	R-60
Water Department Land	WD	Sachem Circle	27/14L	0.07	Water Dpt	None	wooded	NONE	No	R-20
Water Department Land	WD	Sachem Circle	27/14K	2.87	Water Dpt	None	wooded	None	No	R-20
Nassau Avenue WST	WD	Nassau Avenue E/S	31 / 59	3.50	Water Dpt	Water tower	Active	None	No	R-20
Shawsheen Avenue Well & PS	WD	Shawsheen Avenue	33 / 50A	17.40	Water Dpt	Public Water Supply	Active	None	No	R-20
Pilcher Drive Sewer PS	WD	1A Pilcher Drive	82 / 155A	0.36	Water Dpt	Sewer Pump Station	Active	None	No	R-20

Barrows Well	WD	9-11 Sewell Road	93 / 15	26.00	Water Dpt	Public Water Supply	Active	None	No	R-20
	WD		101 / B	6.29	Water Dpt				No	
Salem Street Well	WD	Salem Street Rear	101 / 3	11.30	Water Dpt	Public Water Supply	Active	None	No	R-20
Salem Street Well	WD	RW Abandoned 2000	101 / 5	4.10	Water Dpt	Public Water Supply access	dirt road	yes	No	R-20
Salem Street Well	WD	Charlotte Road	101 / 11	3.50	Water Dpt	Public Water Supply	Active	None	No	R-20
Browns Crossing Well	WD	Salem Street	102 / 1B	13.89	Water Dpt	Public Water Supply	Active	None	No	R-20
Land Across from Browns	WD	Fork at Andover Street	103 / 10	0.66	Water Dpt	stream, woods, grassy	vacant	None	No	R-20
Browns Crossing Well	WD	115 Andover Street	R1 / 3	105.37	Water Dpt	Water Supply, DPW garage	Active	None	No	R-60
Browns Crossing Well	WD	Andover Road Old	R1 / 36	13.30	Water Dpt	Public Water Supply	Active	None	No	R-60
Browns Crossing Well	WD	Andover Street	R1 / 6A	19.40	Water Dpt	Public Water	Active	None	No	R-60
Water Department Land	WD	Salem Street	R1 / 25	2.00	Water Dpt	encroachment	storage by a business	None	No	R-20
Water Department Land	WD	Virginia Road Off	R1 / 30A	30.00	Water Dpt	some encroachment	wooded	None	No	R-60
Browns Crossing Well	WD	Route 125-NS	R1 / 36A	34.70	Water Dpt	Public Water Supply	Active, wooded	maybe	No	R-20
				438.15						

Public Cemeteries										
Name / Location	Ownership	Address	Map / Parcel	Size (Acres)	Mgmt	Current Use	Condition	Recreation Potential	Public Grant Used	Zoning
Wildwood Cemetery	Town	233 Middlesex Ave.	64 / 1	58.00	DPW	cemetery, swamp	good	passive	No	R-20
Wildwood Cemetery	Town	Off Federal St.	62 / 46	22.00	Passive	swamp	good	No	No	R-20
Wildwood Cemetery	Town	Off Federal St.	64 / 3	1.21	Passive	swamp	good	No	No	R-20
Olde Burying Ground	Town	240 Middlesex Ave.	65 / 3	1.25	DPW	Historic cemetery	good	passive	No	R-20
				81.21						

State and Federal Open Space (Unprotected) ** There is no Federal Open Space land in Wilmington. **

Name / Location	Ownership	Address	Map / Parcel	Size (Acres)	Management	Current Use	Condition	Rec Potential	Public Grant Used	Zoning
John T. Barry	Commonwealth of MA	Rte. 62	R1 / 27	3.14	Commonwealth of MA	Vacant	Wooded	No		R-20
RWPD 1800	M.B.T.A	Salem St	90 / 116	7	Commonwealth of MA		Wooded, floodplain	No		SRA
Abandoned R.R	M.B.T.A	NA	R2 / 29A	0.1	Commonwealth of MA	Vacant	Wooded	yes		IND
Lowell Street	Commonwealth of MA	Lowell St.	73 / 53A	3.96	Commonwealth of MA	Vacant	wooded, some wet, floodplain	yes		GB
Lowell Street	Commonwealth of MA	Lowell St.	73 / 54	0.91	Commonwealth of MA	Vacant	wooded	yes		GB
Lowell Street	Commonwealth of MA	Lowell St.	73 / 55	0.63	Commonwealth of MA	Vacant	wooded	yes		GB
Lowell Street	Commonwealth of MA	Lowell St.	73 / 55A	0.37	Commonwealth of MA	Vacant	wooded	yes		GB
West Street	Commonwealth of MA	West St.	71 / 8A	0.87	Commonwealth of MA	Vacant	wooded	yes		GI
West Street	Commonwealth of MA	West St.	71 / 22	0.86	Commonwealth of MA	Vacant	wooded	yes		R-20

Section 6: Community Vision

Description of Process

In September 2006 an Open Space and Recreation Committee was formed to define and address the open space and recreation needs of the community and update the 2002 Open Space and Recreation Plan for the Town of Wilmington. The Committee membership consists of a diverse group of 15 people including a Town employee, Town board members, members of civic groups, and others who have shown interest in participating in the planning process for open space and recreation.

In late 2012, a Town-wide survey for the proposed recreational facility at the Yentile Farm property was made available to residents. Local newspapers and various Town Boards and Commissions promoted response to the survey resulting in 1,110 completed surveys. The Committee considered the survey results and input from the Committee members to be strong tools in gaining a better understanding of the needs and goals of the community.

A second survey dedicated to recreation and open space was sent to Town Boards and Commissions and Town Department Heads in 2013. Seventy-seven persons were contacted and 44 responded.

In May 2013, the Town hired Brown Walker Planners, Inc. to facilitate the development of the Plan document and finalize the Draft. The 2014 Draft document was reviewed by the Committee in public meetings and forums for input.

Since that time, the Town has continued to gather input on Open Space needs in the community. In 2015, a Town-wide open space survey was made available on the Town's website and a public workshop was held to refresh the input that had been received during previous meetings and surveys. The survey and workshop were discussed in the local newspaper, the Wilmington Town Crier and promoted through the Town's social media, Twitter account. A local blog, Wilmington Apple, promoted the survey and workshop and reported on the process through the Final Draft. Flyers were distributed through email to the Chamber of Commerce and all Boards and Commissions for distribution to email lists. The flyers and paper copies of the surveys were posted at the Wilmington Library, Senior Center, and Town Hall. The survey was completed by over 350 respondents and a very clear message was conveyed with the results. The survey questions are included as Appendix 1. Town Survey

The following documents were referred to in guiding committee members in developing Community Goals: 2002 Open Space and Recreation Plan, Open Space 2006 survey, the 2008 draft plan, the two 2013 survey results, and the results of the 2015 survey and public workshop. These were valuable sources of information in determining past and present goals and recommendations. The Open Space Planner's Workbook from the Executive Office of Environmental Affairs Division of Conservation Services was also consulted in guiding the process.

Vision Statement for Open Space and Recreation

Once a sparsely populated rural farming community from Civil War times up until the mid 1950's, Wilmington was transformed almost overnight into a suburban community during the post-war housing boom. Since that time industry, manufacturing, housing, and urban land use have replaced farming. The challenge facing the Town today is the need to balance and maintain current, as well as future, land uses without severing historic links to the past or the quality, integrity, and character of the Town.

Results from the 2013 survey show a continued strong interest in protecting ponds, rivers, forests, drinking water resources, trails, sports fields, and providing recreational programs. A majority support increases in the amount of land for open space and active recreation, as well as increased recreational programming and increased maintenance of the existing facilities.

Similar to balancing growth while maintaining the character of Wilmington, the Town of Wilmington is faced with balancing the open space needs for all of the Town's residents, providing amenities for all age groups and all interests.

Growth in the number of youth and school outdoor sports players and number of youth and school sports puts pressure on existing fields and facilities and high use of the fields does not allow for rest and regeneration. As such, the Town has seen a demand for additional fields.

At the same time, the 2015 survey results overwhelmingly stress the demand for walking and biking trails in Town, for providing active recreation amenities other than athletic fields that are used more widely by all age groups. The survey also stressed the importance of providing specific amenities for certain user groups such as dog parks and splash pads. Balancing the overall needs of the residents of Wilmington and Town resources will be a challenge in the years to come.

Vision Statement

The Town of Wilmington is a suburban community in a natural setting with woodlands and wetlands scattered around Town, creating a spacious, small Town character and quality of life. The Town will continue to preserve and acquire open space to maintain Wilmington's small town character. Wilmington should be a place where there is a variety of open space that provides active and passive recreational opportunities to all age groups and interests.

Section 7: Analysis of Needs

Summary of Resource Protection Needs

Resource protection addresses natural features (land, water, air, and climate) as well as natural communities (wildlife and vegetation) that not only define the Town's character, but are integrally linked to the health and welfare of the community as a whole. Resource protection needs will derive from the resource's significance and importance to the community and any perceived threats and hazards identified in the previous sections.

RESOURCE MANAGEMENT

Large unfragmented conservation land provides the best opportunities to maintain populations of species and limit further species loss from the Town. Land protection that ties in with open space in other municipalities, and other protected open space, public or private is one way to provide important large areas of biodiversity protection. In Wilmington, there are several BioMap areas – the most important areas to protect to maintain the biodiversity of the Town, region, and state. The Town already has some conservation land near the BioMap core areas – continuing to protect land within the core area will enhance the habitat value of existing conservation and park land. The large BioMap Core and Priority Habitat in the eastern part of Town (PH1067 and C499) cover land mostly in adjoining towns, but there is some conservation land in Wilmington that supports the habitat.

Management and monitoring of conservation lands is as important as acquisition and protection. Wetlands particularly need to maintain their natural water regime, including normal fluctuations and connections with the uplands and other wetlands. Water quantity and quality are ongoing issues for wetlands. Another aspect of managing conservation lands that is important in many areas is controlling invasive non-native species that alter the habitat and occupy space that native species would otherwise use. NHESP recommends monitoring conservation land and removing non-native species before they become a problem and impact native species. It must be recognized that removing non-native species may require permits and should be done as an on-going program or it may cause more problems than it solves.

Local resource protection needs were confirmed by participants in public meetings throughout the planning process can be summarized as follows:

- a. Protect land in Wilmington's water supply recharge areas, including lands in neighboring Towns.
- b. Protect land in water supply recharge areas of neighboring communities.
- c. Encourage efficient and environmentally sensitive subdivision development that preserves open space.
- d. Protect greenways along stream corridors.
- e. Protect Priority Habitats identified by the Massachusetts Natural Heritage and Endangered Species Program.
- f. Continue to require and ensure maintenance of stormwater "best management practices" to reduce polluted runoff from roads and development.
- g. Improve awareness of need to acquire and/or protect environmentally sensitive areas.

- h. Continue the Land Stewardship Program and increase citizen involvement in Conservation Commission's land stewardship activities.

Summary of Community's Recreation Needs

RECREATION NEEDS

Growth in the number of youth and school outdoor sports players and youth and school sports teams has put pressure on the Town's athletic fields. Representatives from Wilmington Youth Sports organizations, to include Wilmington Youth Soccer Association, Wilmington Youth Lacrosse Association and Wilmington Little League, were engaged at multiple levels to contribute to an understanding of recreation issues and affect the Open Space and Recreation Plan. Teams and sports programs are faced with the challenge of securing appropriate practice and game space for their needs. In turn, the increase in use of the limited field space potentially impacts each field's ability to regenerate and provide a safe playing surface year after year. Recognizing the need for additional facilities, the Town has recently completed installation of a synthetic turf field at the High School's Memorial Stadium and a new synthetic turf multi-use field to serve soccer, lacrosse and field hockey is scheduled to be built at the Yentile Farm Recreational Facility in 2016. These fields provide some needed relief to overused fields.

The 2015 survey results expressed overwhelmingly positive feedback regarding Wilmington's playing fields and playgrounds. Respondents thought that the Town's fields and playgrounds are of good quality and in good supply. Playgrounds received the highest praise with respondents indicating that they are favorite spaces and are the most available to them. Interestingly, respondents also indicated that playgrounds are the most walked to open spaces, demonstrating their wide availability in Town.

The clearest feedback from the 2015 survey respondents was the importance of providing walking opportunities in Town in the form of walking/biking trails and sidewalks. This need was a strong expression of earlier feedback that the Town received regarding open space. Trails were, by far, at the top of the list of what residents want in Town. When asked about the quantity of Trails in Town, 72% of respondents indicated that there are not enough trails in Town. Trails were also the number one type of open space that residents travel to other Towns to use (80%). Trails were the only type of open space that a majority (60%) of respondents stated that the Town is not investing enough in. When asked about short term and long term action items that the Town should focus on, mapping existing trails and creating new trails were very clearly at the top of the list.

2015 survey results also formally reflected the feedback that the Town has been receiving regarding a demand for specific amenities such as water features/splash parks, dog parks, and picnic areas. These were the next highest types of open space when respondent were asked about needs.

It should also be noted that the 2015 survey results included a message about community involvement with 57% of respondents stating that they would volunteer to clear and improve trails, 17% would be willing to donate land, and 72% would be willing to participate in park cleanup days. Wilmington has a long history of holding open space cleanup days, now twenty years running, and building on this tradition will be helpful in maintaining and improving trails and neighborhood parks.

The 2015 survey responses show that the Town has been doing a good job at supplying amenities for children and athletics, and has indicated that the demand is now shifting to more universal types of open spaces that are used by all ages. These results mirror the results that came out of the State's open space planning effort which is described below.

RECREATIONAL NEEDS SUMMARY

What follows is a summary of community needs based on overall input:

- a. Trails are the number one expressed need in Wilmington. Existing trails should be mapped and new trails should be created.
- b. Funding for mapping, signing, and providing access to existing trails and creating new trails and sidewalk connections.
- c. Water elements or splash pads, dog parks, and picnic areas respectively are in demand in Town. Space for these types of amenities will need to be identified and carefully assessed so that conflicts between users are avoided.
- d. Additional playing fields may be necessary to provide spaces for the variety of sports and the number of youth playing sports.
- e. A formal path along the Middlesex Canal is a long term action item that should be pursued.
- f. Centralized permitting for field use.
- g. Accessible indoor space to allow for an increase in recreational programs throughout the day.
- h. Links between existing conservation areas, trails, and neighborhoods are necessary to create loops and networks and destinations.
- i. Expansion of Wilmington's current open space connections with those of surrounding communities.
- j. Provide facilities, and programs that are accessible to the disabled and elderly.
- k. Improve accessibility to and within recreation lands and conservation lands where appropriate.
- l. Volunteer activity to help maintain spaces and trails, such as an adopt-a-trail effort.
- m. Improve pedestrian and bicycle access on roads and sidewalks, and within open spaces where applicable.
- n. Improve awareness of existing conservation lands and recreational facilities.
- o. Improve conservation trail markings and conditions.

STATE CONTEXT: STATEWIDE COMPREHENSIVE OUTDOOR RECREATION PLAN

Findings of the Massachusetts Outdoors 2012 Statewide Comprehensive Outdoor Recreation Plan (SCORP) shared similarities with local findings, including the need for athletic fields, and the growing desire for more hiking and walking trails.

The SCORP planning process engaged stakeholders across the state to document available recreational resources, assess needs and identify the gaps between the two. Input was gathered through public meetings, a web-based survey targeted to residents and recreation providers, another for public officials, and another for land trusts, a phone survey of a sampling of residents and a survey of middle and high school students.

Results of the public official survey concluded that the two most popular resources and activities:

- for families and preschoolers are playgrounds and water facilities
- for children are playgrounds and athletic fields,
- for adolescents are athletic fields and skate parks,
- for adults (by far) are hiking/walking trails, and
- for seniors are senior centers and hiking/walking trails.

These survey results indicated that trails are the type of facility that has increased the most in popularity over the past five years, as well as the activity that respondents believe will increase the most in popularity over the next five years.

Adolescents aged 13-18 were noted as the age group that has the least of their needs met and the type of facilities most lacking were teen centers and skateboard parks. Across the board, the facility that is most lacking at recreational sites is restrooms.

Results of the land trust survey which looked to verify what activities took place on these properties indicated that walking/jogging/hiking, along with dog walking and nature study are the top three activities that take place on land trust lands. Principal physical issues identified by lands trust include invasive species management, other vegetation control and parking, while social issues include illegal trail use, littering, dumping, and conflicts between different user types. Land trusts are looking to make their work relevant to a more diverse audience and to connect their holdings to schools and neighborhoods.

The phone survey asked 400 residents what types of activities they currently participate in. The results showed that eighty percent of respondents run, jog, or walk multiple times per week. The next highest rated activities included hiking, road biking, gardening and swimming. Youth rated team sports high as well.

The results from the public meetings indicated the need for more trails closer to where people live including Town- or city-wide trail networks. Participants see trails and greenways as important for both people and wildlife. Water-based recreation and improved information sources including web sites, recreation based apps, and signage were also noted as in need of improvement.

In addition to recreation, the SCORP found that resource protection is a key objective of land protection; in particular water quality and wildlife protection.

The four goals of the 2012 Massachusetts SCORP are:

- Increase the availability of all types of trails for recreation.
- Increase the availability of water-based recreation.
- Invest in recreation and conservation areas that are close to home for short visits.
- Invest in racially, economically, and age diverse neighborhoods given their projected increase in participation in outdoor recreation.

LOCAL CONTEXT

Wilmington offers recreational facilities throughout Town at school sites and at a number of other public facilities. Size refers to land used for active recreation exclusive of accessory uses such as parking or other uses.

Table 4: Recreational Facilities

Name & Location	Size	Use	Description	Number
Town Park	0.9	Field Hockey		1
Apprille Field		Football		1

Main Street (Rte. 38)		Softball		1
Boutwell School 17 Boutwell Street	1.0	Baseball Baseball Basketball Playground Tennis	Little League Youth T-Ball	1 2 1 1 3
Middle School 25 Carter Lane	3.1	Baseball	Regulation	1
North Intermediate School 320 Salem Street	5.7	Baseball Baseball Basketball Playground Soccer Tennis	Little League Regulation	1 1 1 1 1 3
Town Hall – Palmer Field	5.2	Baseball Basketball Playground Softball	Little League, Pop Warner	2 1 1 2
Rotary Park Adelaide Street (Off Rte. 62)	0.8	Baseball Playground	Little League	1 1
Shawsheen Street School 298 Shawsheen Avenue	8.0	Basketball Lacrosse Playground Skate Park Soccer Soccer Street Hockey Tennis	Girls HS Small Field	1 1 1 1 6 2 1 3
Silver Lake Rte. 38, Grove Ave., Burnham St.	1.7	Beach Fishing Pier Playground		2 1 1
West Intermediate School 22 Carter Lane	0.8	Softball		1
Whitefield School Middlesex Avenue (Rte. 62)	0.9	Soccer	Small Field	1
Wildwood Street School 182 Wildwood Street	0.7	Basketball Playground Tennis		1 1 2
Wilmington High School 159 Church Street	8.1	Baseball Basketball Field Hockey Football Football Softball Tennis Track	Regulation Main Field – Synthetic Practice Field	1 1 1 1 1 1 3 1
Woburn Street School	4.6	Basketball		1

227 Woburn Street		Lacrosse	Boys & Girls Youth Practice	1
		Lacrosse	Boys HS, Boys & Girls Youth	1
		Playground		1
		Soccer	Small Field	1
		Soccer		1
		Tennis		2
Buzzell Senior Center	0.01	Bocce		1

Total acres devoted to active recreation exclusive of parking and other supportive uses are about 41.5.

Table 5: Recreation Facility Totals

Fields			Number
Baseball			10
	Little League	5	
	Regulation	3	
	Youth T-Ball	2	
Basketball			7
Beach			2
Field Hockey			2
Fishing Pier			1
Football			3
	Main Football Field	1	
	Pop Warner Football	1	
	Practice Football	1	
Lacrosse			3
	Boys & Girls Youth Practice	1	
	Boys HS, Boys & Girls Youth	1	
	Girls HS	1	
Playground			8
Skate Park			1

Soccer			12
	Small Field	8	
	Regulation	4	
Softball			5
Street Hockey			1
Tennis			16
Track			1
Bocce			1
Combined Total			73

School facilities are permitted through the Department of Public Works first for school sponsored teams and events and then for others. Other Town-owned facilities are permitted by the Recreation Department. No fees are collected for field use.

The Department of Public Works, through its Parks and Grounds Department maintains all outside recreational facilities, including lining of all fields for use by schools and sports leagues. Parks and Grounds employs six full time, year round staff. In an effort to improve field conditions, the department works with a professional field consultant to develop and implement a systematic approach to sustainable management. The DPW notes that the most serious challenge to field maintenance is the lack of rest given the fields from March through November. The creation of additional sports fields would allow a less intensive schedule of use for individual fields, and increase opportunities for field maintenance and recovery.

Recreational programs in Wilmington are offered by the Recreation Department as well as youth sports organizations including Wilmington Youth Soccer Association, Wilmington Youth Lacrosse Association, Pop Warner Football, and Wilmington Little League.

The Wilmington Recreation Department aims to serve all residents of Wilmington with various levels of budgeting. The Department has two full time and one part time staff members to develop and coordinate programs year round. In addition, during the summer the Department staffs the life guards at Silver Lake Beach and staffs summer programs. In the summer of 2013 this included 15 lifeguards, 27 additional staff, 17 volunteer councilors in training for the Playground Program and 50 volunteers for the Tiny Tots program.

The Recreation Department offices are within Town Hall, but the Department has no dedicated program space for the activities it offers. The Department uses school facilities, when available, however throughout the school year, programs are restricted to weekday evenings after 6:00 PM and weekends. The Department also uses the Town Hall, the Fourth of July Building, the Arts Council Building and the Library for a limited number of programs. The lack of indoor space for recreational programming significantly restricts recreational programming, in particular during the day for young children, and after school for youth and teens.

The Recreation Department works in conjunction with the Department of Public Works, Public Buildings, and the Board of Health to maintain Silver Lake for the public's use.

Example of youth and adult recreational programs offered follow.

Basketball – Rec, Junior, Senior	Volleyball – Youth and Adult
Karate	Kinder Sports – Soccer and Basketball
Golf Lessons	Tennis Lessons
Fitness Classes	Cooking Classes
Babysitter Training	Skating Lessons
Fishing Derby	Safety Classes
Summer Programs	Science Classes
Upholstery	Dance Classes

Day Trips: The Wilmington Recreation Department coordinates and organizes trips to Boston’s Theater District for various theatrical productions in Boston. Additionally, the Recreation Department coordinates and organizes trips to New York City, Foxwoods / Casino trips, Holiday trips.

Ticket Sales: The Recreation Department purchases group ticket sales to Boston and Lowell sporting events, such as Boston Bruins, Celtics, Red Sox, and the Lowell Spinners.

Overnight Trips: An example of overnight trips offered through the Recreation Department include, but are not limited to, Lake Winnepesaukee, Cape Cod, Buffalo / Niagara, and Adirondack Mountains / 1000 Islands.

Extended Trips: The Recreation Department coordinates domestic and international trips to various locations throughout the United States and the world, some recent examples of extended trips include, but not limited to, San Francisco / Sonoma / Napa, Hawaii, Alaska, Arizona, France, Italy, Greece, and Ireland.

Summer Programs: The Recreation Department’s summer programs are offered for six weeks and serve youth from age four to eight in the Tiny Tots and Kid Club and from second grade through eighth grade in the Playground Program. The programs are run out of the Shawsheen School and Boutwell School to take advantage of both inside and outside facilities as needed. In 2013 the programs had capacity for 285 children. Registration filled the openings within several hours, suggesting the need for additional capacity. The Department also works with the Wilmington Police to run Police Beach day which generally has several hundred people attending. The Department’s free concert series attracts between 100 to 300 participants per event.

Registrations for Recreation Department programs totaled 8,412 in the summer of 2013. This figure does not include visitors to Silver Lake which is free of charge to Wilmington residents. The Department also sold 4,974 day passes to non-residents.

Management Needs and Potential Change of Use

It is important for an Open Space and Recreation Plan to outline specific recommendations that will help the Town meet its open space and recreation goals in a strategic manner. Specifically, it is necessary for the Town to have the tools and policies, staff capacity, and financial availability at hand to implement the recommendations of the plan.

STAFFING AND MANAGEMENT

- a. Transfer management of Town-owned lands along stream corridors or wetlands to the Conservation Commission.

- b. Improve cooperative management of conservation lands abutting neighboring Towns.
- c. Increase cooperation between Conservation Commission, Recreation Department, and School Department to link passive and active recreation areas. (Objectives are to encourage use of conservation land for education and passive enjoyment and allow children to avoid busy roads to access schools and recreation areas.)
- d. Evaluate funding models for field maintenance.
- e. Ensure budgets include staff time for OSRP implementation and maintenance.
- f. Leverage volunteer work for maintenance and improvements.

ACQUISITION AND FUNDING

Massachusetts Grants for Conservation and Restoration

An overview of some of the State grants available for open space acquisition or management are provided below.

Upon completion of this Open Space and Recreation Plan and subsequent approval by EEA, the Town would be eligible to apply for the following grants:

- *Local Acquisitions for Natural Diversity (LAND)*: Grants to city and Town conservation commissions for the acquisition of open space for conservation and informal recreation purposes (formerly the Self-Help Program).
- *Parkland Acquisitions and Renovations for Communities (PARC)*: Funds for acquiring and/or developing park and recreation land (formerly the Urban Self-Help Program).
- *Land and Water Conservation Fund (LWF)*: Federal funds (administered by EEA) for up to 50% of the costs of acquiring, developing or renovating park, recreation, or conservation land.

The *Rivers and Harbors Grant Program (RH)* is a statewide program of matching grants from DCR to municipalities for design and construction to address problems on coastal and inland waterways, lakes, and great ponds.

The Department of Fish and Game (DFG) provides grants to public agencies and non-profits through its *Riverways Program (RP)* to help to restore the ecological integrity of rivers and streams.

DCR's *Recreational Trails Grants (RTG)* fund 80% of the project costs for a variety of trail protection, construction, and stewardship projects.

DCR's *Urban and Community Forestry Challenger Grants (UCF)* assist in building support for the long term protection and management of community trees and forests. Municipalities and non-profits are eligible to apply.

The Executive Office of Energy and the Environment (EEA) offers grants through the *Conservation Partnership Program (CPP)* to non-public, non-profits for acquiring land and interests in lands suitable for conservation or recreation.

The Department of Environmental Protection (DEP) provides grants through the *Drinking Water Supply Protection Grant Program (DWS)* to assist in acquiring land to protect the quality of public drinking water supplies.

The *Landowner Incentive Program (LIP)* through the Department of Fish and Game (DFG) provides grants to private landowners, sportsmen's clubs, land trusts, and non-profit groups to restore or create wildlife habitats for the benefit of species-at-risk.

Chapter 61/61A/61B lands

If land classified under Chapter 61 is sold for residential, commercial or industrial purposes, the community has the right of first refusal due to the legal interest in the property that grants the community the right to match a bona fide offer for conversion of the property from its forest, agricultural, or recreational use. The Chapter 61 laws were amended in 1986 and 1987 to allow towns to assign their options to nonprofit conservation organizations, increasing opportunities for protection. Nonprofits may have the resources to assemble multiple organizations to assist in funding the purchase of the properties or it may be able to borrow money on shorter notice than a municipality and can borrow from a greater variety of sources.

Conservation Restrictions

In Massachusetts, a conservation restriction (also called a conservation easement) is a way to legally limit the use of private land in order to protect specified conservation values. All conservation restrictions must be approved by the Secretary of Environmental Affairs. There are different types of conservation restrictions:

- 1) A charitable deduction for federal income tax, gift and estate tax purposes;
- 2) A perpetual conservation restriction required by a government agency in the permitting process;
- 3) Development rights restrictions which are purchased by a governmental agency or private, non-profit organization;
- 4) Other restrictions (such as for a term of years).²⁴

A conservation restriction is recorded in the chain of title of a property at the appropriate Registry of Deeds or Land Court so all present and future owners have notice that the property is subject to the conservation restriction and that they are required to comply with its terms. The landowner continues to own the property and has the ability to sell or convey the property subject to the terms and conditions of the conservation restriction. The organization or agency, as “holder” of the restriction, assumes the responsibility of periodically monitoring the property to safeguard the conservation values and enforce compliance with the terms of the conservation restriction, typically called a stewardship program.

A good stewardship program includes the following elements:

- preparation of Baseline Documentation Report,
- a regular monitoring program,
- cultivation of strong and ongoing relationships with landowners,
- written policies for the enforcement and amendment of conservation restrictions, and
- a source of funds for monitoring and enforcing conservation restriction.²⁵

²⁴ *Massachusetts Conservation Restriction Handbook*, Division of Conservation Services, Executive Office of Energy and Environmental Affairs.

²⁵ *Massachusetts Conservation Restriction Stewardship Manual*, Mass Audubon, 2006

Section 8: Goals and Objectives

This section presents Open Space and Recreation goals and objectives for the Town of Wilmington and is based on the values and concerns expressed by community members, land owners and managers, service providers, and Town administrators and staff. The *goals* are broad statements framed to indicate a desired future condition or achievement by the Town. The *objectives* are more specific statements that outline measurable accomplishments that will help the Town achieve these goals. These together guide the development of the Action Plan, which is outlined in the following section.

GOAL 1 Provide opportunities for mobility locally and regionally with walking and biking trails.

OBJECTIVES

1. Map existing trails and provide education regarding existing resources.
2. Create new trails and connect existing trails with new sidewalks, new open space land and private development of Conservation Subdivisions.
3. Work with others to provide access along the Middlesex Canal path.

GOAL 2 Balance resources to meet open space demands and provide a variety of open space amenities for a full range of users and interests.

OBJECTIVES

1. Create a buying guide that would provide new accessible features with each purchase of park furniture or equipment and address accessibility shortfalls identified in the ADA facility assessments attached to this plan to provide more inclusive and accessible facilities and opportunities.
2. Identify locations that could be appropriate for water features or splash pads, dog park and picnic areas and construct amenities.
3. Construct the Yentile Farm Recreational Facility to provide a wide range of amenities for various age groups and a playing field that can be used by a range of sports to take pressure off of the Town's existing facilities.

GOAL 3 Protect the Town's natural resources and open space areas that support water protection, flood management and essential wildlife habitat and ecosystems.

OBJECTIVES

1. Work with land owners and other interested parties to protect (through acquisition or other means) privately owned properties that have been identified for conservation interest for protecting water resources, including wetlands, surface waters, and ground waters and wildlife and their habitats to sustain and strengthen biodiversity.
2. Identify Town-owned parcels that would be best used as resource protection areas and that could be transferred to the Conservation Commission.
3. Develop a greenway along waterways and link wetlands with protected uplands to improve wildlife habitats, to promote water quality, and to provide recreational opportunities.

Section 9: Five-Year Action Plan

An action plan is a compilation of recommended strategies prioritized and organized into a framework that includes a desired time frame and identifies responsible parties. In this section, recommendations are organized in a matrix that can be easily referenced, reviewed and monitored.

Action Plan Matrix

The Analysis of Needs provided a broader discussion of the general findings upon which the recommended actions are based. For each action, an anticipated schedule and a responsible party (or parties) is identified. The schedule is assigned in consideration of immediacy of need, resources and funding available, and impact on the Town parks and open space lands as a whole. The schedule of actions should be evaluated regularly to respond to changing conditions and opportunities. All actions and tasks included below are of equal importance and have been deemed priorities. The actions and tasks were specifically crafted to be realistic and achievable goals for the five years that the Plan covers.

Department / Board	Abbreviation
Planning & Conservation	Plan & Cons
Conservation Commission	CC
Historical Commission	Hist Com
Public Works	DPW
Board of Selectmen	BOS
Recreation Dept	Recreation
Public Buildings	PBld
Town Manager	TM
Planning Board	PIBd

GOAL 1: Provide opportunities for mobility locally and regionally with walking and biking trails.			
OBJECTIVE 1: Map existing trails and provide education regarding existing resources			
ACTIONS	TIMEFRAME	RESPONSIBLE PARTY	POTENTIAL FUNDING SOURCE
<ul style="list-style-type: none"> Using hand-held GPS, collect location data for existing trails: Conservation subdivisions, Town Forest, and other trails. Map location data on digital map system such as Town GIS and/or Google Maps. Assess amenities at existing trails and identify needs for signage, access. Announce maps on Town website, local paper, and social media. Recruit volunteers for work days and adopt-a-trail programs to maintain trails. 	Summer/Fall 2015	Plan&Cons, DPW	Town
	Winter 2015/2016	Plan&Cons, DPW	Town
	2015-2016	Plan&Cons, CC	Town
	Spring 2016 On-going	All Town Staff	
OBJECTIVE 2: Create new trails and connect existing trails with new sidewalks, new open space and private development of Conservation Subdivisions			
ACTIONS	TIMEFRAME	RESPONSIBLE PARTY	POTENTIAL FUNDING SOURCE
<ul style="list-style-type: none"> Identify Town-owned parcels that could serve as connections to existing trails or could add to the overall trail network Construct trail connections; private subdivisions, public lands Identify locations where sidewalks could serve as connections to the trail network Construct sidewalk improvements Establish general rules for trail use 	Summer/Fall 2015	Plan&Cons, CC	Town
	2016-2019	DPW, CC,	EEA Trail Grants
	2016-2017	Plans&Cons, DPW	None needed
	On-going 2018	DPW DPW, Plan&Con	Private, State
OBJECTIVE 3: Work with others to provide access along the Middlesex Canal path			
ACTIONS	TIMEFRAME	RESPONSIBLE PARTY	POTENTIAL FUNDING SOURCE
<ul style="list-style-type: none"> Map Historic Middlesex Canal path located in Wilmington Identify access points and locations where path could be formalized in the short term (publicly owned/controlled) Create cohesive, low maintenance design for implementation 	Winter 2016/2017	Plan&Cons, DPW	Town
	2017	Plan&Cons, CC, DPW, Hist Com	Town
	2018-2019	Plan&Cons, DPW	State, Historic

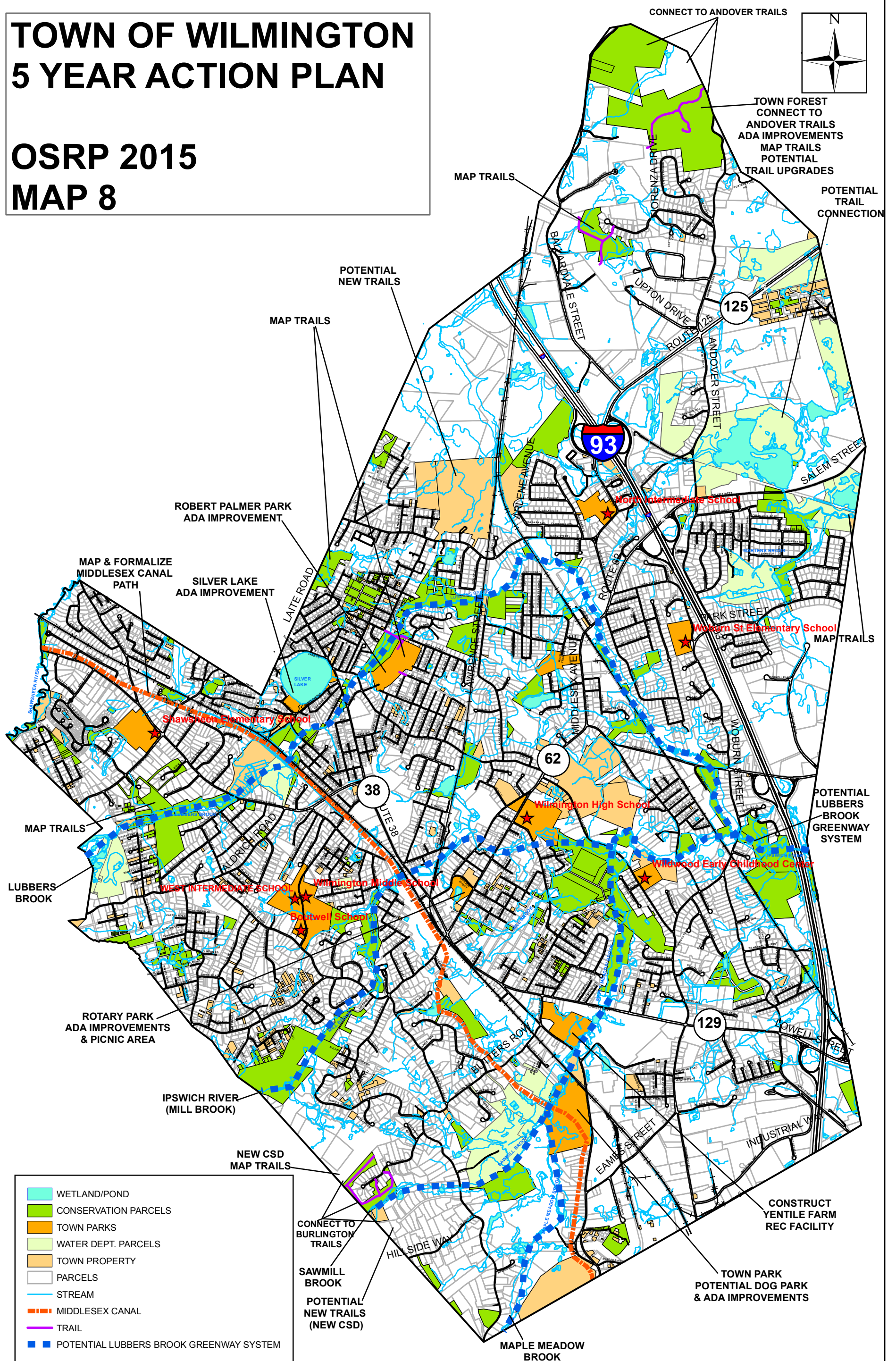
GOAL 2: Balance resources to meet open space demands and provide a variety of open space amenities for a full range of users and interests.			
OBJECTIVE 1: Create a buying guide that would provide new accessible features with each purchase of park furniture or equipment and address Accessibility shortfalls identified in the facility assessments attached to this plan to provide more inclusive and accessible facilities and opportunities.			
ACTIONS	TIMEFRAME	RESPONSIBLE PARTY	POTENTIAL FUNDING SOURCE
<ul style="list-style-type: none"> • Create policy for purchase of ADA compliant furnishings with new purchases • Connect hard surface access points at Silver Lake • Fix access to fishing pier at Silver Lake to make flush • Smooth transition between driveway and bleachers at Town Park • Assess & adjust access points at Rotary Park: parking lot, buildings, playground • Add Handicap sign to the second parking space at entry to Rotary Park • Assess use and adjust access to building at Robert Palmer Park 	2015-2016 2015 2016 2016 2016 2016 2018	Plan& Cons, Public Buildings DPW	Town
OBJECTIVE 2: Identify locations that could be appropriate for water features or splash pads, dog park and picnic areas and construct amenities.			
ACTIONS	TIMEFRAME	RESPONSIBLE PARTY	POTENTIAL FUNDING SOURCE
<ul style="list-style-type: none"> • Assess existing park locations for the inclusion of a splash pad • Identify locations for a dog park and construct in short term • Identify locations in existing parks that would be appropriate for picnic areas (co-locate where other amenities currently exist) • Plan new locations where new water features and dog parks could be located 	2016 2016 2015-2018 2017-2019	Plan& Cons, DPW, Public Buildings, BOH, Recreation Dept	Town
OBJECTIVE 3: Construct the Yentile Farm Recreational Facility to provide a wide range of amenities for various age groups and a playing field that can be used by a range of sports to take pressure off of the Town's existing facilities.			
ACTIONS	TIMEFRAME	RESPONSIBLE PARTY	POTENTIAL FUNDING SOURCE
<ul style="list-style-type: none"> • Complete permitting process for Yentile Farm Recreational Facility • Construction of Yentile Farm Recreation Facility 	2015 2016-2017	Plan&Cons, DPW, TM	State Grant

GOAL 3: Protect the Town's natural resources and open space areas that support water protection, flood management and essential wildlife habitat and ecosystems.			
OBJECTIVE 1: Work with land owners and other interested parties to protect privately owned properties identified for protecting water resources (wetlands, surface waters, and ground waters) and wildlife and their habitats to sustain and strengthen biodiversity.			
ACTIONS	TIMEFRAME	RESPONSIBLE PARTY	POTENTIAL FUNDING SOURCE
<ul style="list-style-type: none"> Encourage use of Conservation Subdivisions and cluster development that avoid valuable natural resource areas Educate landowners about the benefits of conservation restrictions. Accept donations of land that will serve as resource protection and habitat. 	Ongoing Ongoing Ongoing	Plan& Cons, CC, PIBd, BOS	N/A
OBJECTIVE 2: Identify Town-owned parcels that would be best used as resource protection areas and that could be transferred to the Conservation Commission.			
ACTIONS	TIMEFRAME	RESPONSIBLE PARTY	POTENTIAL FUNDING SOURCE
<ul style="list-style-type: none"> Update Assessor's records to reflect transfers of land to conservation Using GIS, identify potential parcels for resource areas Conduct site visits to assess extent of wetlands, resource areas and site attributes Transfer appropriate parcels to care and custody of Conservation Commission 	2017 2018 2018-2019	Plan& Cons, DPW BOS, CC, DPW	N/A
OBJECTIVE 3: Develop a greenway along waterways and link wetlands with protected uplands to improve wildlife habitats, to promote water quality, and to provide recreational opportunities.			
ACTIONS	TIMEFRAME	RESPONSIBLE PARTY	POTENTIAL FUNDING SOURCE
<ul style="list-style-type: none"> Using GIS, identify parcels that would serve as links to existing open spaces Identify locations where greenway would be publicly owned and accessible Where links are privately owned, assess potential for acquisition or other method for protection 	2017 2018 2019	Plan& Cons, CC	Town

MAP 8: FIVE YEAR ACTION PLAN

OSRP 2015

MAP 8



Section 10: Public Comments

The Wilmington Department of Planning & Conservation has received public comments regarding the Open Space and Recreation Plan update throughout the planning process. An advertized public meeting was held for reviewing the 2013 Draft Plan in December 2013.

Most recently, comments were received during the review process in June 2015, which culminated in an Open Space Committee Meeting on June 29, 2015. Comments received have been incorporated into the Plan.

Review letters from Wilmington's Town Manager, Wilmington Planning Board, Wilmington Conservation Commission are provided below. The 2015 Open Space and Recreation Plan has been sent to the Metropolitan Area Planning Council for review.



Town of Wilmington
Office of the Town Manager
121 Glen Road
Wilmington, MA 01887-3597

PHONE: (978) 658-3311

FAX: (978) 658-3334

TTY: (978) 694-1417

WWW.WILMINGTONMA.GOV

July 10, 2015

Ms. Melissa Cryan
Division of Conservation Services
MA Executive Office of Energy and Environmental Affairs
100 Cambridge Street
Boston, MA 02114

Dear Ms. Cryan:

The Town of Wilmington is pleased to submit, and recommend approval of, the 2015 Open Space & Recreation Plan.

The updated Plan provides the Town of Wilmington with clear guidance on how to prioritize our open space efforts with concise action items spread out over the next five years. In general, we hope to achieve a balance of active playing fields and playgrounds, walking and biking trails, and more passive types of open space for all ages to enjoy.

We look forward to achieving the goals outlined in the Plan and build on the work that has already been done in creating and preserving open space in town.

Sincerely,


Jeffrey M. Hull
Town Manager

cc: Valerie J. Gingrich, Planning and Conservation Director



TOWN OF WILMINGTON

**121 GLEN ROAD
WILMINGTON, MA 01887**

PLANNING & CONSERVATION
DEPARTMENT

(978) 658-8238
(978) 658-3311
FAX (978) 658-3334

July 7, 2015

Melissa Cryan
Division of Conservation Services
MA Executive Office of Energy and Environmental Affairs
100 Cambridge Street
Boston, MA 02114

RE: Town of Wilmington Open Space & Recreation Plan

Dear Ms. Cryan,

The Wilmington Planning Board appreciates the opportunity to comment on the Town's 2015 Open Space & Recreation Plan. The Board believes that the updates included in the 2015 Plan provide a clear set of tasks that will bring the Town closer to the community vision outlined in the Plan.

The Board has been working very hard to encourage smart growth in town with the use of Conservation Subdivisions, which create smaller house lots and preserve public open space for all to enjoy. The Board will continue to focus on this task as stated in the Plan and will work to ensure that new Conservation Subdivisions are linked together with walking trails and adjacent public open space whenever possible.

The 2015 Plan provides a concise vision, community goals and steps to achieve those goals. The Board is pleased to be a part of Wilmington's efforts to maintain the Town's character by preserving, creating, and enhancing open space for all to enjoy.

Sincerely,

Michael Sorrentino, Chairman
Wilmington Planning Board



**TOWN OF WILMINGTON
121 GLEN ROAD
WILMINGTON, MA 01887**

PLANNING & CONSERVATION
DEPARTMENT

(978) 658-8238
FAX (978) 658-3334

Melissa Cryan,
Division of Conservation Services
Executive Office of Energy and Environmental Affairs
100 Cambridge Street
Boston, MA 02114

July 1, 2015

RE: Open Space and Recreation Plan 2015

Dear Ms. Cryan:

The Conservation Commission voted at its meeting July 1, 2015 to endorse the 2015 update of the Open Space and Recreation Plan. The Commission is pleased at how much has been accomplished since the 2002 Plan to improve recreational facilities and to increase the amount of land protected as open space in Town. The Commission will be one of the entities coordinating the implementation of the action plan, actions that will continue to involve the efforts of various Town departments, as well as volunteer groups and individuals.

Sincerely yours,
Conservation Commission,



Julie Flynn, Chair

CC: Valerie Gingrich, Director of Planning and Conservation

Section 11: References and Resources

1. Community Opportunities Group, Inc. August 1988. Wilmington Housing Plan.
2. Eames, Lemuel, C. Wilmington. In Drake, Samuel (Ed). 1874. History of Middlesex County. Boston: J.R. Osgood and Co.
3. Eliot, Charles W. 1970. Comprehensive General Plan: Report for Wilmington Planning Board.
4. GeoInsight, Inc. January 2005. South Wilmington Water Study, Maple Meadow Brook Aquifer, Wilmington, Massachusetts.
5. Gould, Levi, S. 1905. Ancient Middlesex. Somerville, MA: Somerville Journal Print.
6. <http://baycircuits.org/whatis.html>
7. <http://www.healthywilmingtoncoalition.org> and <http://www.wilmingtonwalks.org/>
8. http://www.mass.gov/Eeops/docs/dps/aab_regs/521001.doc (handicap access rules)
9. IEP, Inc. 1990. Town of Wilmington Buildout Analysis.
10. _____. 1990. Aquifer Protection Study. Town of Wilmington.
11. MassAudubon. July 2004. Wilmington Town Forest Recreation & Management Plan.
12. *Massachusetts Division of Fisheries and Wildlife, Natural Heritage and Endangered Species Program. 2007-08. Maps and communication with staff.*
13. O'Reilly, Gerry (Ed.). 1996. Wilmington: A Retrospective. Wilmington, MA: Wilmington Historical Commission.
14. Planners Collaborative. 2001. Town of Wilmington Master Plan 2001.
15. _____. 2002. Final Report Planning for Growth in the Upper Ipswich River Watershed.
16. SEA Consultants, Inc. June 2006. Town of Wilmington Supplemental Final Comprehensive Water Resource Management Plan / Environmental Impact Report.
17. _____. August 2004. Town of Wilmington Final Comprehensive Water Resource Management Plan / Environmental Impact Report.
18. _____. October 2003. Town of Wilmington Draft Comprehensive Water Resource Management Plan / Environmental Impact Report.
19. Wilmington (Town of) Annual Reports.
20. Wilmington Schools Office of the Superintendent. School enrollment, history, and projection charts.

Massachusetts State and Federal Reports:

1. Boston Metropolitan Planning Organization, Central Transportation Planning Staff. 1996. Mobility in the Boston Region: Existing Conditions and a Plan for Action.
2. Boston Metropolitan Planning Organization. March 2007. Regional Bicycle Plan.

3. Commonwealth of Massachusetts, 521 CMR Architectural Access Board pg. 89
4. FEMA Pre-Disaster Mitigation Planning Grant, Wilmington, MA. November 2007. Natural Hazards Maps 1-8.
5. <http://cfpub.epa.gov/supercpad/cursites/csinfo.cfm?id=0100438> (Olin site) Data updated 2/8/08.
6. [http://www.epa.gov/superfund/sites/npl/ma.htm#Sutton Brook Disposal Area](http://www.epa.gov/superfund/sites/npl/ma.htm#Sutton_Brook_Disposal_Area). Data updated 10/3/07.
7. http://www.mapc.org/data_center/2006_Projections/MAPCProjections013106.xls
8. <http://www.mass.gov/dep.cleanup/sites/statdef.htm>
9. <http://www.mass.gov/mgis/ej.htm> (Environmental Justice Communities)
10. <http://db.state.ma.us/dep/cleanup/sites/search.asp> Data updated 12/04/2007.
11. Massachusetts Department of Housing and Community Development. Community Profiles: Wilmington.
12. *Massachusetts Division of Fisheries and Wildlife, Natural Heritage and Endangered Species Program. 2001. BioMap, Guiding Land Conservation for Biodiversity in MA. [BioMap 2 issued in 2012]*
13. Metropolitan Area Planning Council. May 2007. MetroFuture, The Recommended Plan for a Greater Boston Region.
14. _____. 1995; and 1990 United States Census.
15. _____. 1997. MAPC Regional Bicycle and Pedestrian Plan
16. United States Department of Agriculture – Natural Resources Conservation Service. *Middlesex County Massachusetts Interim Soil Survey Report*. July 1995. Fourth Edition. Pgs. 30-44. Published by the Middlesex Conservation District.
17. www.mass.gov/eea/agencies/massdep/water/drinking/source-water-protection-for-drinking-water-supplies.html
18. www.mass.gov/eea/docs/dep/water/resources/07v5/12list2.pdf (impaired waterways)
19. www.mass.gov/dfwele/dfw/nhsp/conservation/pdf/invasive_plant_list.pdf
20. www.epa.gov/superfund/sites/queryhtm/nplfin.htm
21. www.mass.gov/eea/docs/eea/dcs/draft-scorp.pdf (draft SCORP 2012)
22. www.mass.gov/eea/docs/eea/dcs/massoutdoor2006.pdf (SCORP 2006)
23. www.public.dep.state.ma.us/SearchableSites2/Search.aspx (21E -contaminated sites)
24. www.nps.gov/history/nr/research (national register of historic places)
25. www.nationalregisterofhistoricplaces.com/MA/middlesex/districts.html

Appendix 1: 2015 Open Space & Recreation Survey



Town of Wilmington

OPEN SPACE SURVEY

We are updating our Open Space Plan. The Plan identifies areas for growth, improvement, and management of our open spaces and recreational spaces. Open space can be anything from undisturbed wetlands to basketball courts. Each type of open space contributes to the quality of life in Town.

This survey is 24 questions long and will take approximately 10 minutes to complete.

We are also hosting an Open Space Workshop on Wednesday, May 27, 6PM at the Wilmington High School. The workshop is open to all and will help us gather additional input and ideas.

1. Which of these open spaces/recreational spaces do you or your immediate family USE IN TOWN?

	Never	Rarely	Sometimes	Regularly
Baseball/Softball Field	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Soccer/Lacrosse/Football Field	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Playground	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Walking/Jogging Trails	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Picnic Areas	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Outdoor Event Space	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Conservation Land	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tennis Courts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Beach	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pond, Lake, Brook, Stream	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Basketball Court	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pickleball Court	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Skate Park	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Open Field/Green Space	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

2. Generally, what is the QUALITY of the open spaces/recreational spaces IN TOWN?

	Poor	Fair	Good	Excellent	Don't Know
Playgrounds	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Athletic Fields	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Walking/Jogging Trails	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Conservation Land	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Picnic Areas	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Open Field/Green Spaces	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Outdoor Event Space	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Courts (Basketball, Tennis, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Beach	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Skate Park	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

3. Generally HOW SAFE do you feel in the open spaces/recreational spaces IN TOWN?

☐ Not At All ☐ Somewhat ☐ Extremely ☐ Don't Know

4. How do you GET TO the open spaces/recreational spaces you or your immediate family use IN TOWN?

	Drive	Walk	Bike	Bus	Other
Playgrounds	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Athletic Fields	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Walking/Jogging Trails	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Conservation Land	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Picnic Areas	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Open Field/Green Spaces	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Outdoor Event Space	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Courts (Basketball, Tennis, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Beach	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Skate Park	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

5. Generally, HOW ACCESSIBLE do you feel the open spaces/recreational spaces are IN TOWN?

☐ Not At All ☐ Somewhat ☐ Extremely ☐ Don't Know

6. What is you or your immediate family's FAVORITE open space/recreational space IN TOWN and WHY?

7. What word(s) best DESCRIBE YOUR NEIGHBORHOOD?

8. What types of open spaces/recreational spaces are AVAILABLE in your NEIGHBORHOOD?

☐ Playgrounds ☐ Walking/Jogging Trails ☐ Athletic Fields ☐ Conservation Land
☐ Picnic Areas ☐ Open Field/Green Spaces ☐ Outdoor Event Space ☐ Skate Park
☐ Beach ☐ Courts (Basketball, Tennis, etc.) ☐ Other: _____

9. Generally, what is the QUALITY of the open spaces/recreational spaces IN YOUR NEIGHBORHOOD?

	Poor	Fair	Good	Excellent	N/A
Playgrounds	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Athletic Fields	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Walking/Jogging Trails	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Conservation Land	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Picnic Areas	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Open Field/Green Spaces	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Outdoor Event Space	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Courts (Basketball, Tennis, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Beach	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Skate Park	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

10. Generally, HOW SAFE do you feel in the open spaces/recreational spaces IN YOUR NEIGHBORHOOD?

☐ Not At All ☐ Somewhat ☐ Extremely ☐ Don't Know

11. Generally, HOW ACCESSIBLE do you feel the open spaces/recreational spaces are IN YOUR NEIGHBORHOOD?

☐ Not At All ☐ Somewhat ☐ Extremely ☐ Don't Know

12. What types of open spaces/recreational spaces do you WANT in YOUR NEIGHBORHOOD?

13. How is the Town doing on PROVIDING the following TYPES of open spaces/recreational spaces?

	Too Many	JUST Enough	NOT Enough	Don't Know
Baseball/Softball Fields	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Soccer/Lacrosse/Football Fields	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Playgrounds	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Walking/Jogging Trails	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Picnic Areas	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Outdoor Event Spaces	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Conservation Land	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tennis Courts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Beaches and Water Play Areas	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Access to Ponds, Lakes, Brooks, Streams	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Basketball Courts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pickleball Courts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Skate Parks	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Open Field/Green Spaces	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

14. How is the Town doing on INVESTING in the following TYPES of open spaces/recreational spaces? (Maintenance, Upgrades, etc.)

Too Much	JUST Enough	NOT Enough	No Opinion
----------	-------------	------------	------------

Baseball/Softball Fields	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Soccer/Lacrosse/Football Fields	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Playgrounds	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Walking/Jogging Trails	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Picnic Areas	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Outdoor Event Spaces	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Conservation Land	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tennis Courts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Beaches	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Access to Ponds, Lakes, Brooks, Streams	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Basketball Courts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pickleball Courts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Skate Parks	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Open Field/Green Spaces	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

15. Which of these open spaces/recreational spaces do you USE IN OTHER towns or cities?
(Check all that apply)

- | | | | |
|---------------------------------------|--|--|--|
| <input type="checkbox"/> Playgrounds | <input type="checkbox"/> Walking/Jogging Trails | <input type="checkbox"/> Athletic Fields | <input type="checkbox"/> Conservation Land |
| <input type="checkbox"/> Picnic Areas | <input type="checkbox"/> Open Field/Green Spaces | <input type="checkbox"/> Outdoor Event Space | <input type="checkbox"/> Skate Park |
| <input type="checkbox"/> Beach | <input type="checkbox"/> Courts (Basketball, Tennis, etc.) | <input type="checkbox"/> Splash Park | |
| <input type="checkbox"/> Dog Park | <input type="checkbox"/> Community Garden | <input type="checkbox"/> Other: | |
-

16. What SHORT TERM actions should the TOWN FOCUS ON relative to open spaces/recreational spaces? (Check all that apply)

- | | |
|---|---|
| <input type="checkbox"/> Map Existing Walking/Jogging Trails | <input type="checkbox"/> Improve Access to Parks & Playgrounds |
| <input type="checkbox"/> Improve Access to Conservation Land | <input type="checkbox"/> Create New Trails |
| <input type="checkbox"/> Create a Dog Park | <input type="checkbox"/> Create a Splash Park |
| <input type="checkbox"/> Add Playgrounds | <input type="checkbox"/> Improve Signage to Open Spaces/Recreational Spaces |
| <input type="checkbox"/> Add Sitting Areas to Existing Parks | <input type="checkbox"/> Create Connections Linking Open/Recreational Spaces |
| <input type="checkbox"/> Reopen Baby Beach | <input type="checkbox"/> Increase Awareness of Existing Open/Recreational Space |
| <input type="checkbox"/> Improve Existing Playgrounds | <input type="checkbox"/> Add Courts (Basketball, Pickleball, Tennis, Street Hockey) |
| <input type="checkbox"/> Formalize Path Along Middlesex Canal | <input type="checkbox"/> Provide Concessions or Restrooms at More Parks |
| <input type="checkbox"/> Improve Existing Fields | <input type="checkbox"/> Create Community Gardens |
| <input type="checkbox"/> Other: | |
-

17. What LONG TERM actions should the TOWN FOCUS ON relative to open spaces/recreational spaces? (Check all that apply)

- | | |
|---|---|
| <input type="checkbox"/> Map Existing Walking/Jogging Trails | <input type="checkbox"/> Improve Access to Parks & Playgrounds |
| <input type="checkbox"/> Improve Access to Conservation Land | <input type="checkbox"/> Create New Trails |
| <input type="checkbox"/> Create a Dog Park | <input type="checkbox"/> Create a Splash Park |
| <input type="checkbox"/> Add Playgrounds | <input type="checkbox"/> Improve Signage to Open Spaces/Recreational Spaces |
| <input type="checkbox"/> Add Sitting Areas to Existing Parks | <input type="checkbox"/> Create Connections Linking Open/Recreational Spaces |
| <input type="checkbox"/> Reopen Baby Beach | <input type="checkbox"/> Increase Awareness of Existing Open/Recreational Space |
| <input type="checkbox"/> Improve Existing Playgrounds | <input type="checkbox"/> Add Courts (Basketball, Pickleball, Tennis, Street Hockey) |
| <input type="checkbox"/> Formalize Path Along Middlesex Canal | <input type="checkbox"/> Provide Concessions or Restrooms at More Parks |
| <input type="checkbox"/> Improve Existing Fields | <input type="checkbox"/> Create Community Gardens |
| <input type="checkbox"/> Add More Multi-Purpose Fields | <input type="checkbox"/> Acquire Additional Conservation Land |
| <input type="checkbox"/> Other: | |
-

18. Would you be WILLING TO DO any of the following relative to open spaces/recreational spaces?

(Check all that apply)

- | | |
|---|---|
| <input type="checkbox"/> Volunteer to Clear or Improve Trails | <input type="checkbox"/> Donate Land for Open Space |
| <input type="checkbox"/> Donate Funds for Open Space | <input type="checkbox"/> Participate in a Committee Focused on Open Space |
| <input type="checkbox"/> Participate in Park Clean-Up Events | |
| <input type="checkbox"/> Other: | |
-

19. What STREET do you live on? (Just street name, not street number)

20. Which of the following best DESCRIBES YOU? (Check all that apply)

- | | |
|---|---|
| <input type="checkbox"/> Live in Wilmington | <input type="checkbox"/> Own Land in Wilmington but Do NOT LIVE in Wilmington |
| <input type="checkbox"/> Work in Wilmington | <input type="checkbox"/> Grew Up in Wilmington but Do NOT LIVE in Wilmington |
| <input type="checkbox"/> Other: | |
-

21. WHO are you answering this survey for?

- | | |
|--|--|
| <input type="checkbox"/> Myself | <input type="checkbox"/> Myself and My Spouse or Partner |
| <input type="checkbox"/> My Immediate Family | <input type="checkbox"/> Other: |
-

22. How MANY PEOPLE are in your HOUSEHOLD of the following AGES?

Under 12 Years Old	
13 to 18 Years Old	
19 - 30 Years Old	
31 - 45 Years Old	
46 - 60 Years Old	
61 - 75 Years Old	
Over 75 Years Old	

23. What is the HIGHEST LEVEL OF SCHOOL you have COMPLETED?

- ☐ High School Degree or Equivalent
 ☐ Some College But No Degree
☐ Associate's Degree
 ☐ Bachelor's Degree
☐ Graduate Degree

24. What is your AVERAGE HOUSEHOLD INCOME?

- ☐ \$0 - \$24,999
☐ \$25,000 - \$49,999
☐ \$50,000 - \$74,999
☐ \$75,000 - \$99,999
☐ \$100,000 - \$124,999
☐ \$125,000 - \$149,999
☐ \$150,000 - \$174,999
☐ \$175,000 - \$199,999
☐ \$200,000 and Up

Please let us know any other comments or feedback you may have.

To submit this survey, please place it in the available box or send it to:
Open Space Survey
Town Manager's Office
Attn: Paula Barry
121 Glen Road
Wilmington, MA 01887

Thank you for your participation!

2015 Open Space Survey Result

Monday, June 08, 2015

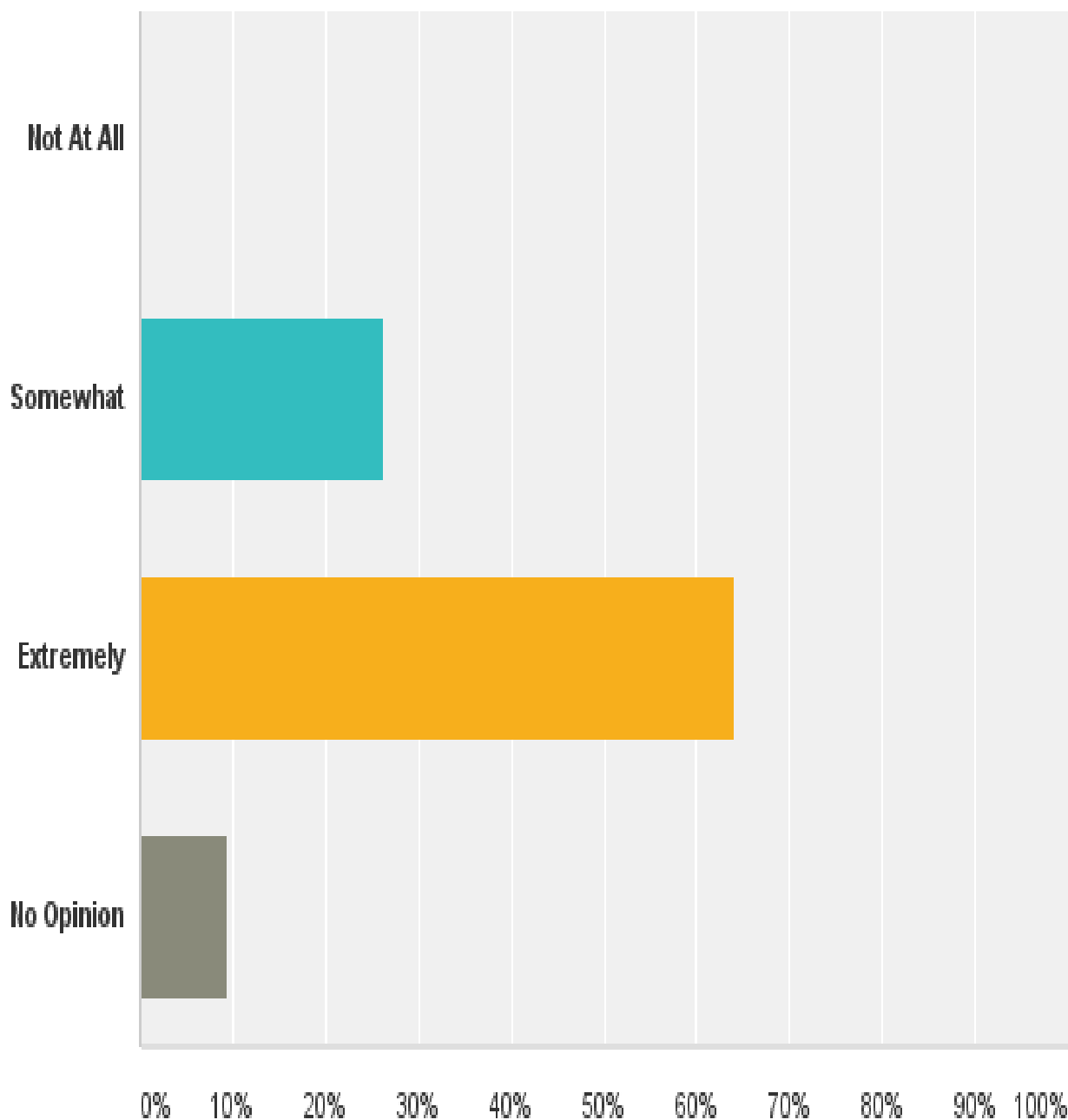
Q1: Which of these open space/recreational spaces do you or your immediate family USE IN TOWN.

	Never	Rarely	Sometimes	Regularly	Total	Weighted Average
Baseball/Softball Field	51.39% 185	18.61% 67	14.72% 53	15.28% 55	360	1.94
Soccer/Lacrosse/Football Field	45.83% 165	10.83% 39	12.78% 46	30.56% 110	360	2.28
Playground	25.00% 90	13.06% 47	23.89% 86	38.06% 137	360	2.75
Walking/Jogging Trails	18.89% 68	18.61% 67	30.56% 110	31.94% 115	360	2.76
Picnic Areas	32.50% 117	28.89% 104	27.22% 98	11.39% 41	360	2.17
Outdoor Event Space	28.89% 104	26.39% 95	34.72% 125	10.00% 36	360	2.26
Conservation Land	50.28% 181	19.44% 70	20.28% 73	10.00% 36	360	1.90
Tennis Courts	50.83% 183	24.17% 87	18.06% 65	6.94% 25	360	1.81
Beach	25.00% 90	24.17% 87	31.11% 112	19.72% 71	360	2.46
Pond, Lake, Brook, Stream	31.94% 115	23.33% 84	26.94% 97	17.78% 64	360	2.31
Basketball Court	48.06% 173	19.44% 70	22.50% 81	10.00% 36	360	1.94
Pickleball Court	84.72% 305	10.00% 36	2.50% 9	2.78% 10	360	1.23
Skate Park	73.33% 264	13.61% 49	9.17% 33	3.89% 14	360	1.44
Open Field/Green Space	22.78% 82	18.89% 68	40.00% 144	18.33% 66	360	2.54

Q2: Generally, what is the QUALITY of the open spaces/recreational spaces IN TOWN?

	Poor	Fair	Good	Excellent	Don't Know	Total	Weighted Average
Playgrounds	1.94% 7	16.11% 58	55.00% 198	16.11% 58	10.83% 39	360	2.96
Athletic Fields	2.50% 9	11.94% 43	55.83% 201	11.94% 43	17.78% 64	360	2.94
Walking/Jogging Trails	13.06% 47	28.33% 102	25.56% 92	3.33% 12	29.72% 107	360	2.27
Conservation Land	6.67% 24	16.94% 61	31.94% 115	3.89% 14	40.56% 146	360	2.56
Picnic Areas	10.00% 36	27.50% 99	27.22% 98	3.33% 12	31.94% 115	360	2.35
Open Fields/Green Spaces	5.83% 21	21.94% 79	43.61% 157	5.56% 20	23.06% 83	360	2.64
Courts (Basketball, Tennis, Pickleball, etc.)	3.33% 12	20.28% 73	41.11% 148	5.56% 20	29.72% 107	360	2.70
Beach	6.11% 22	19.17% 69	46.11% 166	10.28% 37	18.33% 66	360	2.74
Skate Park	3.61% 13	11.11% 40	25.56% 92	4.44% 16	55.28% 199	360	2.69
Outdoor Event Space	4.72% 17	14.72% 53	41.39% 149	6.67% 24	32.50% 117	360	2.74

Q3: Generally, HOW SAFE do you feel in the open spaces/recreational spaces IN TOWN?

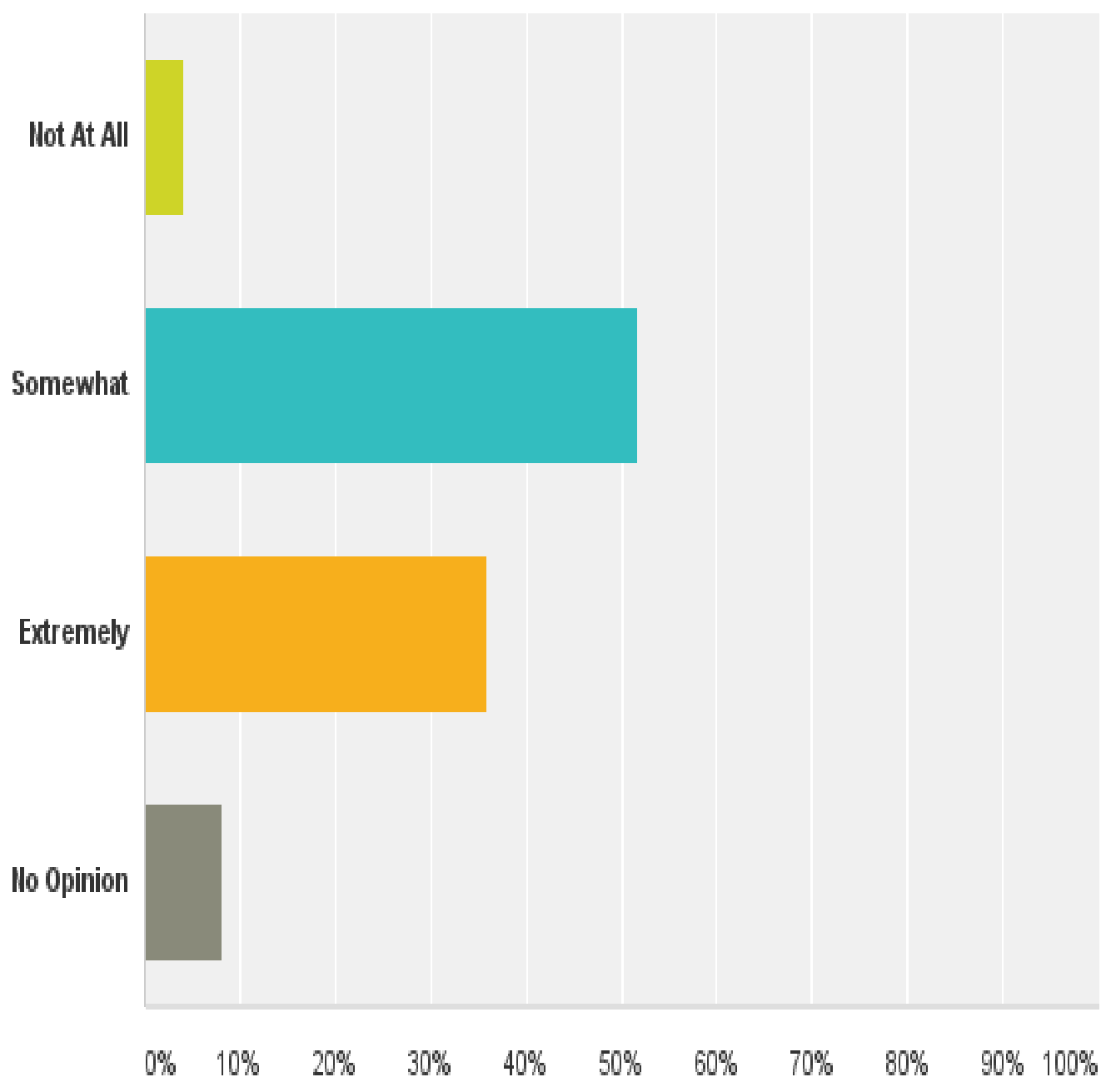


Q4: How do you GET TO the open spaces/recreational spaces you or your immediate family use IN TOWN?

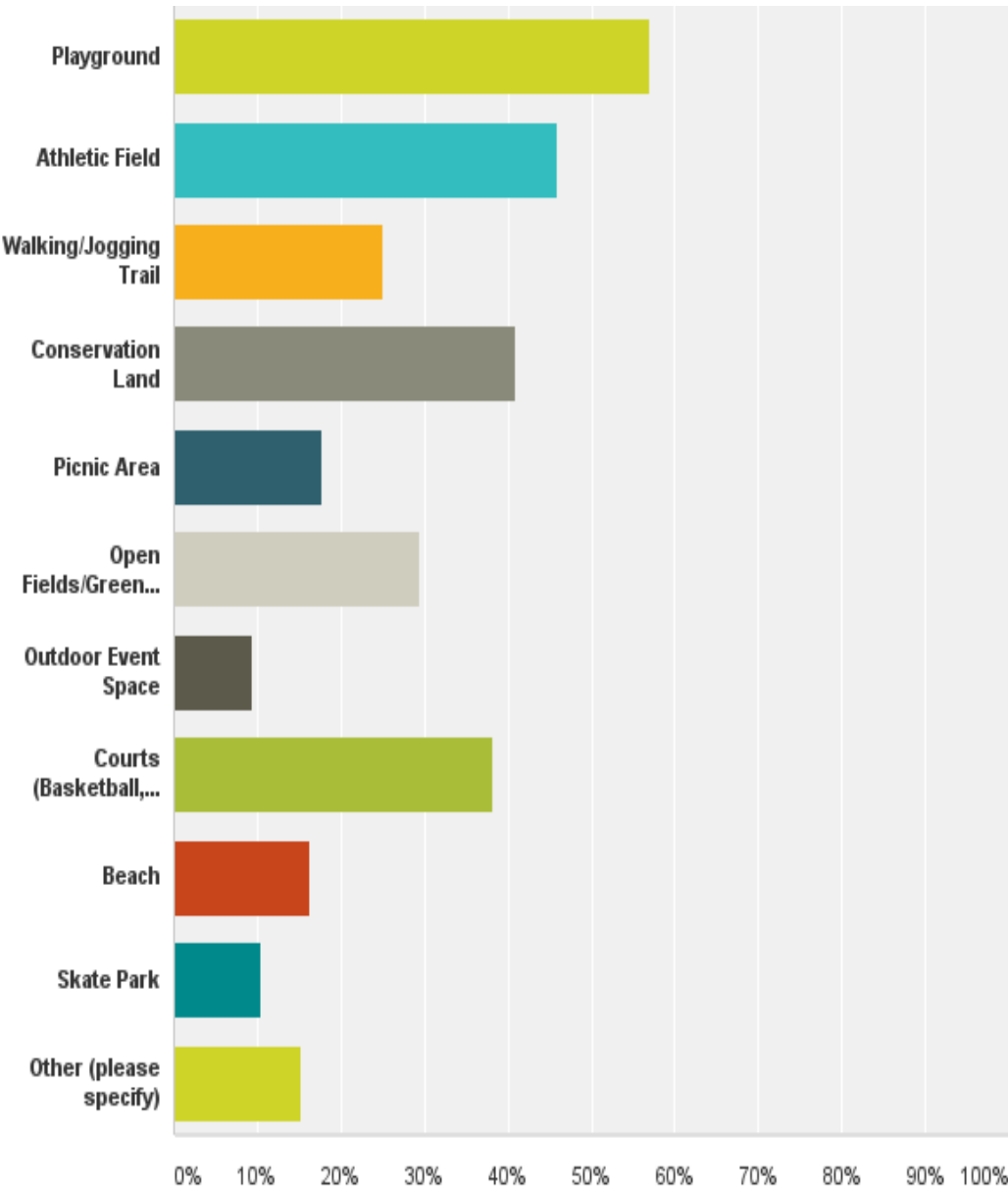
	Drive	Walk	Bike	Bus	Other	Total Respondents
Playgrounds	77.10% 239	40.32% 125	9.35% 29	0.00% 0	1.94% 6	310
Athletic Fields	86.39% 254	20.75% 61	5.44% 16	0.00% 0	2.72% 8	294
Walking/Jogging Trails	70.71% 210	32.66% 97	4.71% 14	0.00% 0	5.72% 17	297
Conservation Land	65.36% 183	31.07% 87	3.57% 10	0.00% 0	10.36% 29	280
Picnic Areas	80.87% 224	18.77% 52	4.69% 13	0.00% 0	7.22% 20	277
Open Field/Green Spaces	78.84% 231	27.99% 82	6.14% 18	0.00% 0	5.80% 17	293
Courts (Basketball, Tennis, Pickleball, etc.)	79.23% 225	23.24% 66	7.39% 21	0.00% 0	5.99% 17	284
Beach	91.86% 282	11.07% 34	6.19% 19	0.00% 0	3.58% 11	307
Skate Park	78.35% 199	12.20% 31	4.72% 12	0.00% 0	14.17% 36	254
Outdoor Event Space	84.45% 239	16.61% 47	3.53% 10	0.00% 0	7.42% 21	283

Q5: Generally, HOW ACCESSIBLE do you feel the open spaces/recreational spaces are IN TOWN?

Answered: 342 Skipped: 19



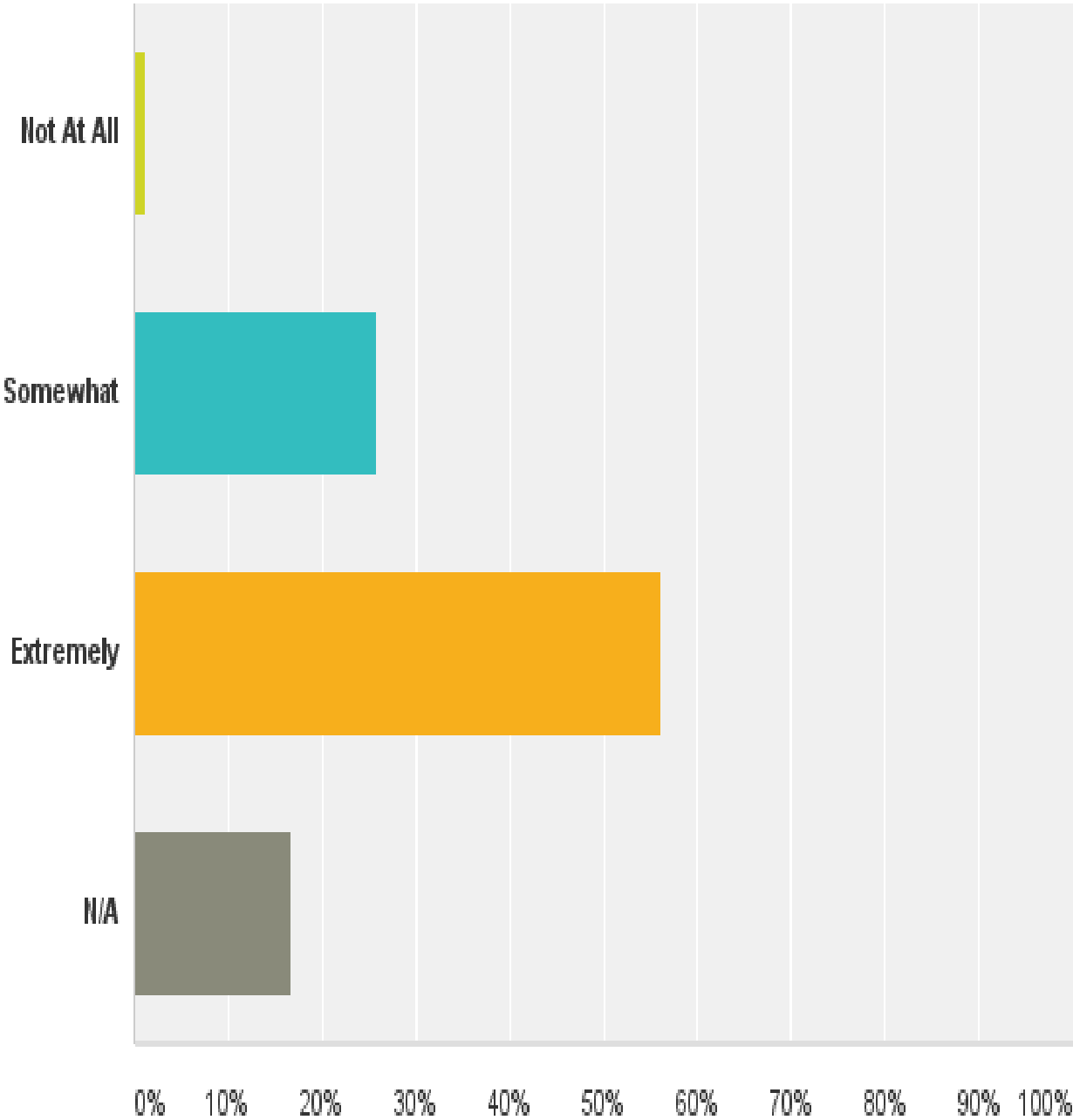
Q8: What TYPES of open space/recreational space are AVAILABLE in YOUR NEIGHBORHOOD?



Q9: Generally, what is the QUALITY of the open spaces/recreational spaces IN YOUR NEIGHBORHOOD

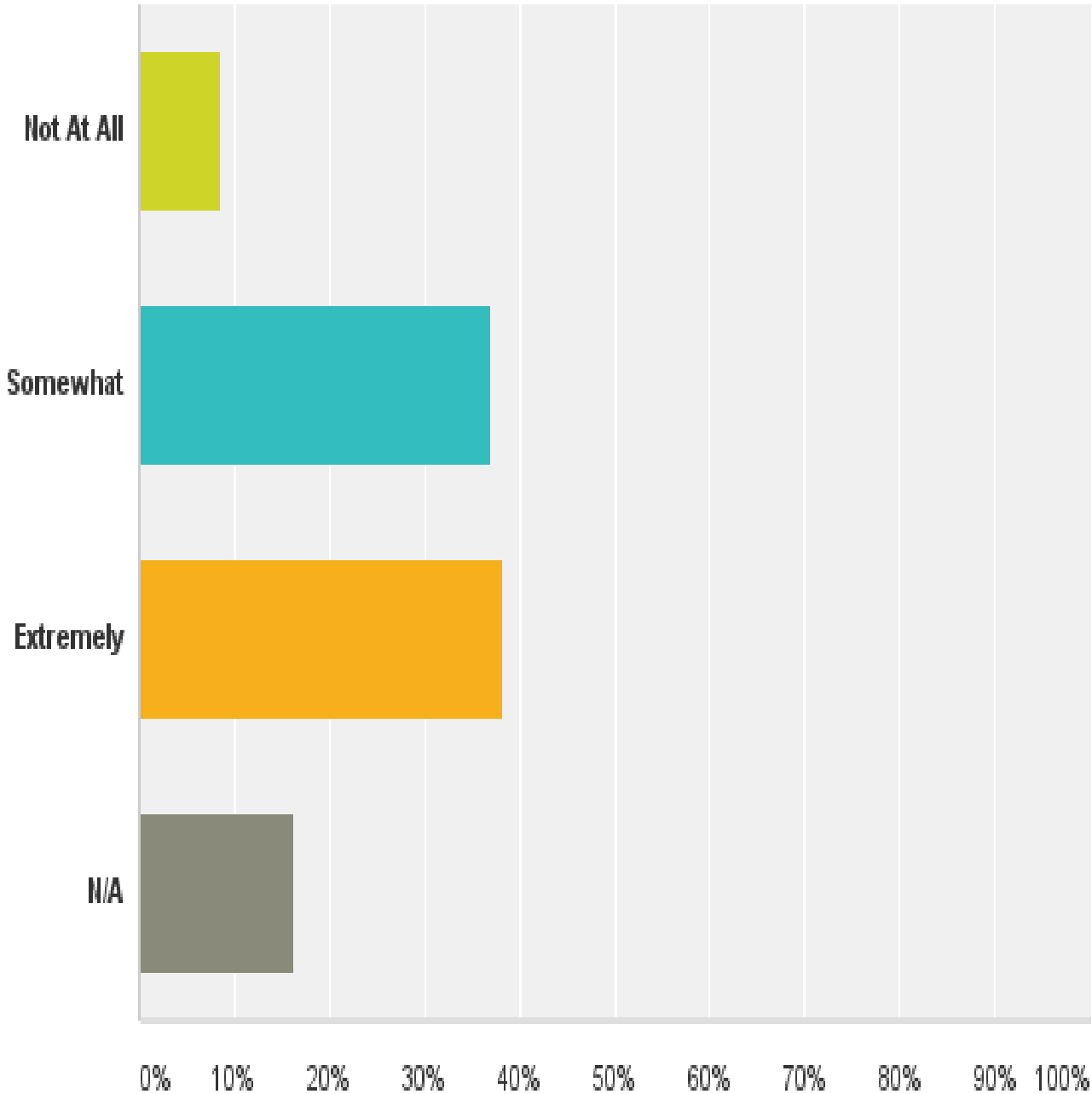
	Poor	Fair	Good	Excellent	N/A	Total	Weighted Average
Playgrounds	4.49% 14	14.42% 45	32.05% 100	11.86% 37	37.18% 116	312	2.82
Athletic Fields	4.17% 13	9.29% 29	33.97% 106	9.62% 30	42.95% 134	312	2.86
Walking/Jogging Trails	6.09% 19	13.14% 41	17.31% 54	2.56% 8	60.90% 190	312	2.42
Conservation Land	8.65% 27	17.63% 55	24.36% 76	3.85% 12	45.51% 142	312	2.43
Picnic Areas	5.77% 18	7.69% 24	17.31% 54	3.53% 11	65.71% 205	312	2.54
Open Fields/Green Spaces	4.49% 14	9.62% 30	27.56% 86	6.41% 20	51.92% 162	312	2.75
Outdoor Event Spaces	5.45% 17	4.49% 14	15.06% 47	4.17% 13	70.83% 221	312	2.62
Courts (Basketball, Tennis, Pickleball, etc.)	5.13% 16	12.50% 39	24.36% 76	6.73% 21	51.28% 160	312	2.67
Beach	3.21% 10	6.73% 21	18.27% 57	4.49% 14	67.31% 210	312	2.74
Skate Park	2.88% 9	5.77% 18	13.14% 41	4.17% 13	74.04% 231	312	2.72

Q10: Generally, HOW SAFE do you feel in the open spaces/recreational spaces IN YOUR NEIGHBORHOOD?



Q11: Generally, HOW ACCESSIBLE do you feel the open spaces/recreational spaces are IN YOUR NEIGHBORHOOD?

Answered: 312 Skipped: 49



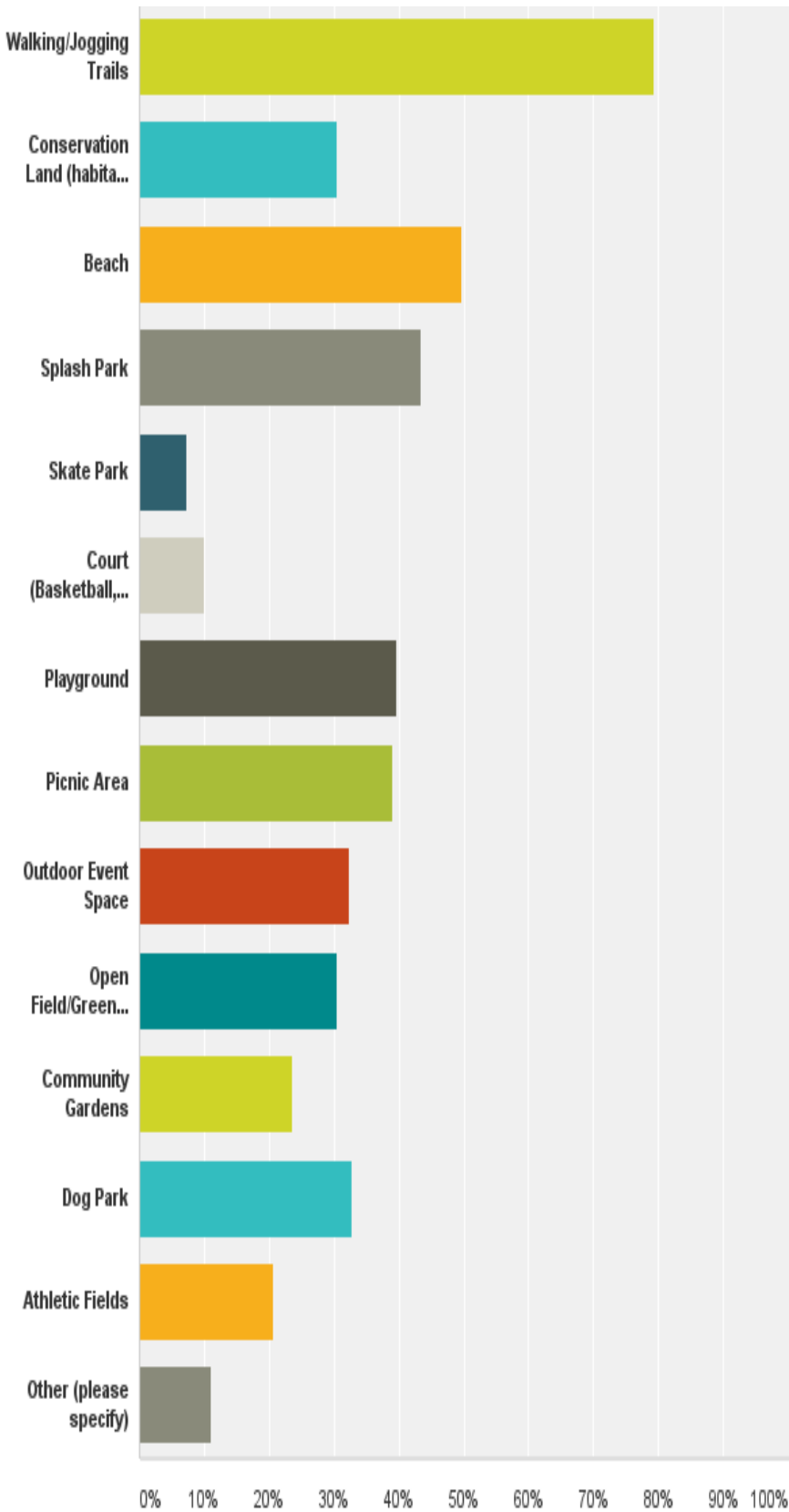
Q13: How is the Town doing on PROVIDING the following TYPES of open spaces/recreational spaces?

	Too Many	JUST Enough	NOT Enough	Answer 4	Don't Know	Total	Weighted Average
Baseball/Softball Fields	8.65% 25	52.60% 152	14.53% 42	0.00% 0	24.22% 70	289	2.08
Picnic Areas	1.38% 4	26.30% 76	47.40% 137	0.00% 0	24.91% 72	289	2.61
Outdoor Event Space	1.38% 4	34.60% 100	40.14% 116	0.00% 0	23.88% 69	289	2.51
Playgrounds	2.42% 7	56.40% 163	31.14% 90	0.00% 0	10.03% 29	289	2.32
Walking/Jogging Trails	0.35% 1	13.15% 38	71.63% 207	0.00% 0	14.88% 43	289	2.84
Conservation Land	6.23% 18	36.68% 106	23.53% 68	0.00% 0	33.56% 97	289	2.26
Skate Parks	4.50% 13	50.52% 146	10.03% 29	0.00% 0	34.95% 101	289	2.09
Tennis Courts	3.81% 11	50.87% 147	17.99% 52	0.00% 0	27.34% 79	289	2.20
Basketball Courts	3.46% 10	50.87% 147	16.26% 47	0.00% 0	29.41% 85	289	2.18
Athletic Fields	10.03% 29	44.64% 129	24.22% 70	0.00% 0	21.11% 61	289	2.18
Beaches	0.69% 2	72.32% 209	14.19% 41	0.00% 0	12.80% 37	289	2.15
Water Play Areas/Splash Pads	2.42% 7	10.03% 29	61.25% 177	0.00% 0	26.30% 76	289	2.80
Dog Parks	4.15% 12	10.03% 29	46.71% 135	0.00% 0	39.10% 113	289	2.70
Open Field/Green Space	1.38% 4	37.37% 108	40.48% 117	0.00% 0	20.76% 60	289	2.49

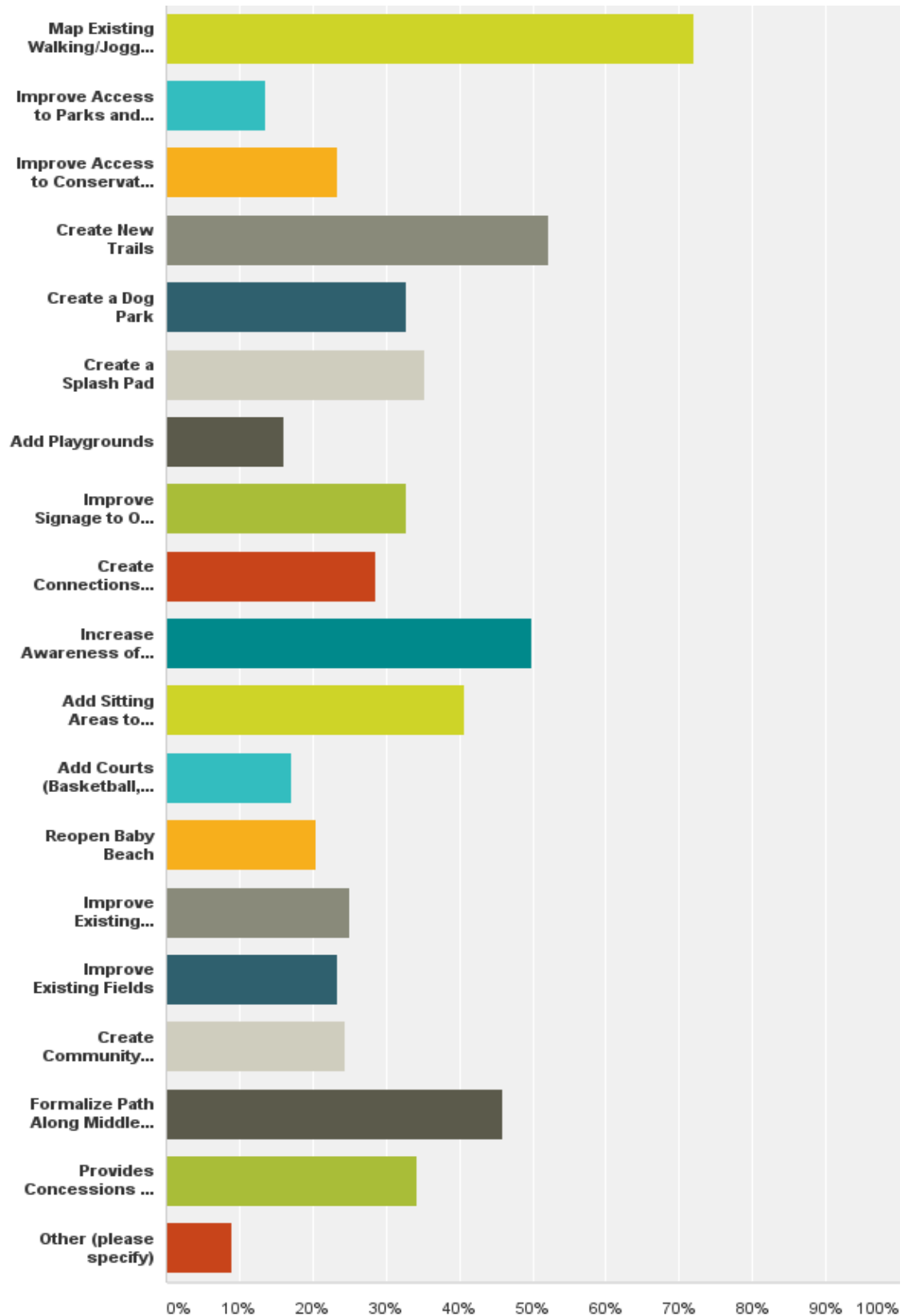
Q14: How is the Town doing on INVESTING in the following TYPES of open spaces/recreational spaces? (Maintenance, Upgrades, etc.)

	Too Much	JUST Enough	NOT Enough	No Opinion	Total	Weighted Average
Athletic Fields	9.00% 26	40.83% 118	23.53% 68	26.64% 77	289	2.20
Picnic Areas	1.38% 4	31.83% 92	33.56% 97	33.22% 96	289	2.48
Outdoor Event Spaces	2.42% 7	32.18% 93	28.72% 83	36.68% 106	289	2.42
Playgrounds	3.46% 10	50.87% 147	27.68% 80	17.99% 52	289	2.30
Walking/Jogging Trails	0.69% 2	14.53% 42	60.55% 175	24.22% 70	289	2.79
Conservation Land	3.46% 10	29.76% 86	27.68% 80	39.10% 113	289	2.40
Courts (Basketball, Tennis, Etc.)	3.11% 9	45.67% 132	21.11% 61	30.10% 87	289	2.26
Beaches and Water Play Areas	0.35% 1	40.48% 117	34.26% 99	24.91% 72	289	2.45
Open Field/Green Space	1.38% 4	33.91% 98	30.80% 89	33.91% 98	289	2.45

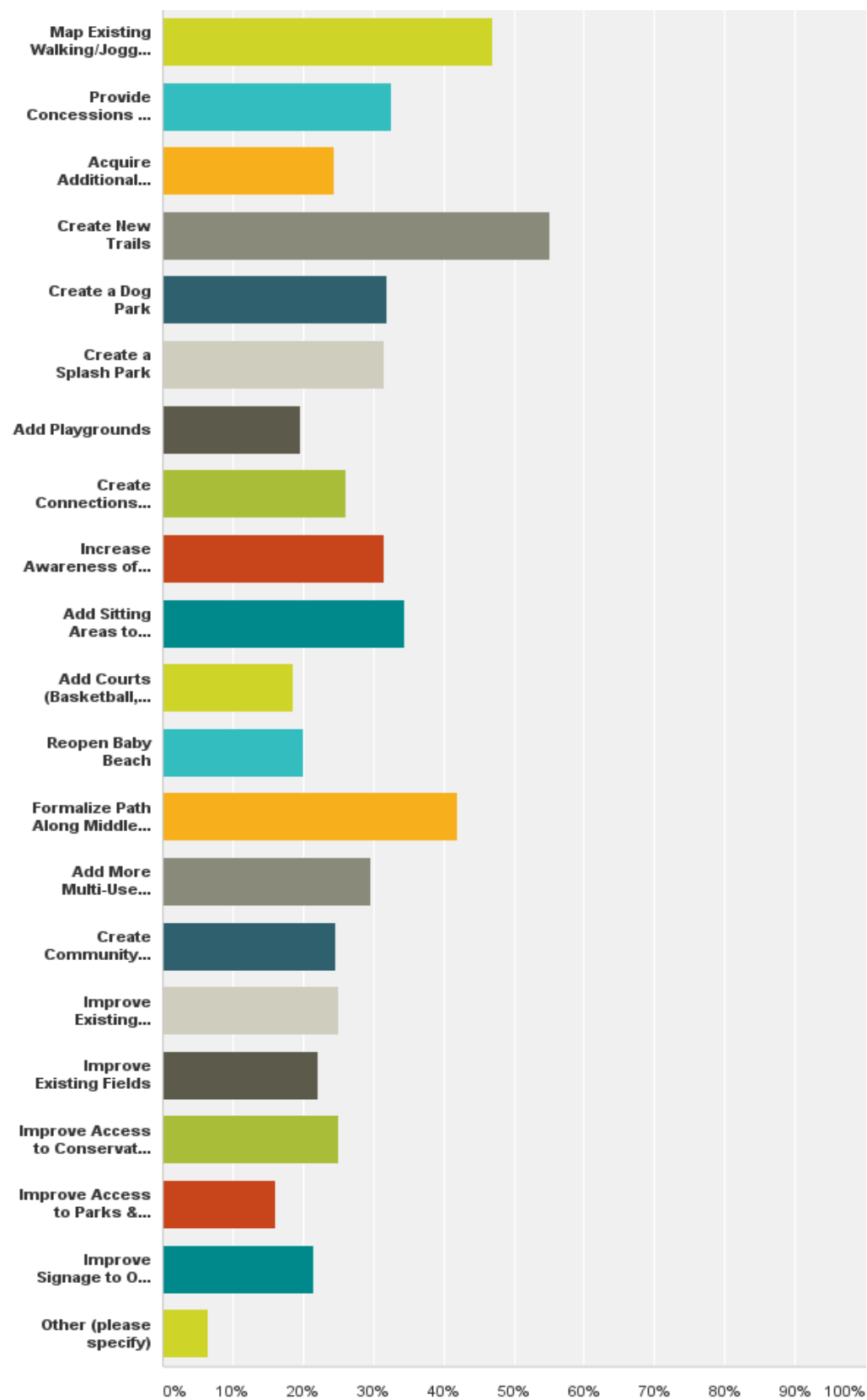
Q15: Which of these open spaces/recreational spaces do you USE IN OTHER towns or cities?



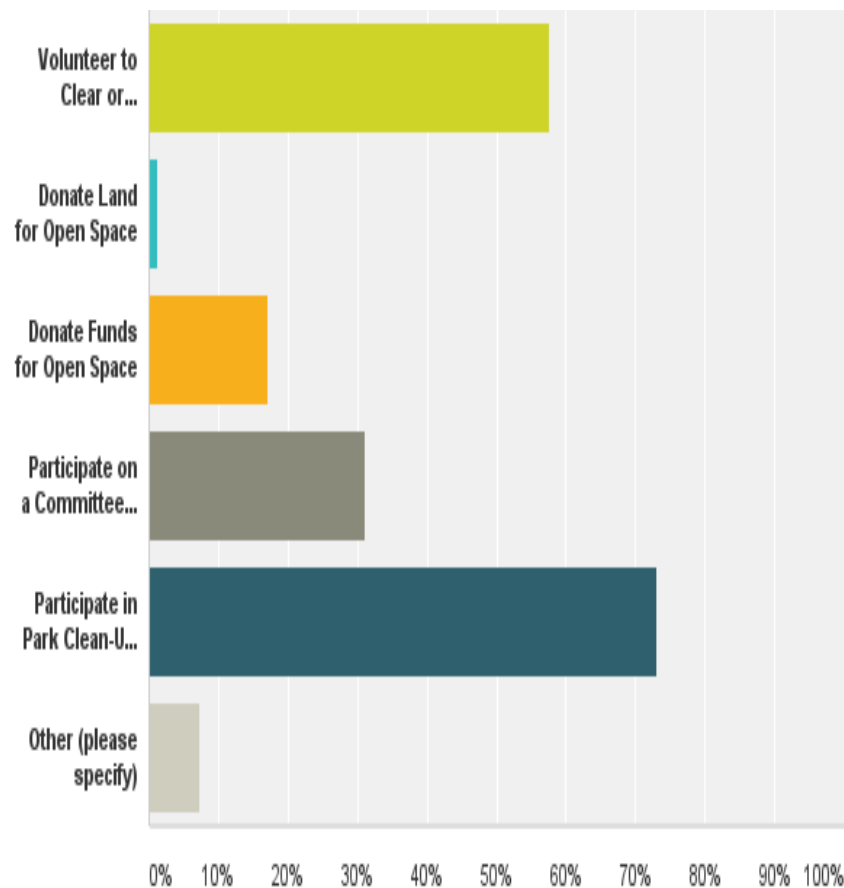
Q16: What SHORT TERM actions should the TOWN FOCUS ON?



Q17: What LONG TERM actions should the TOWN FOCUS ON?

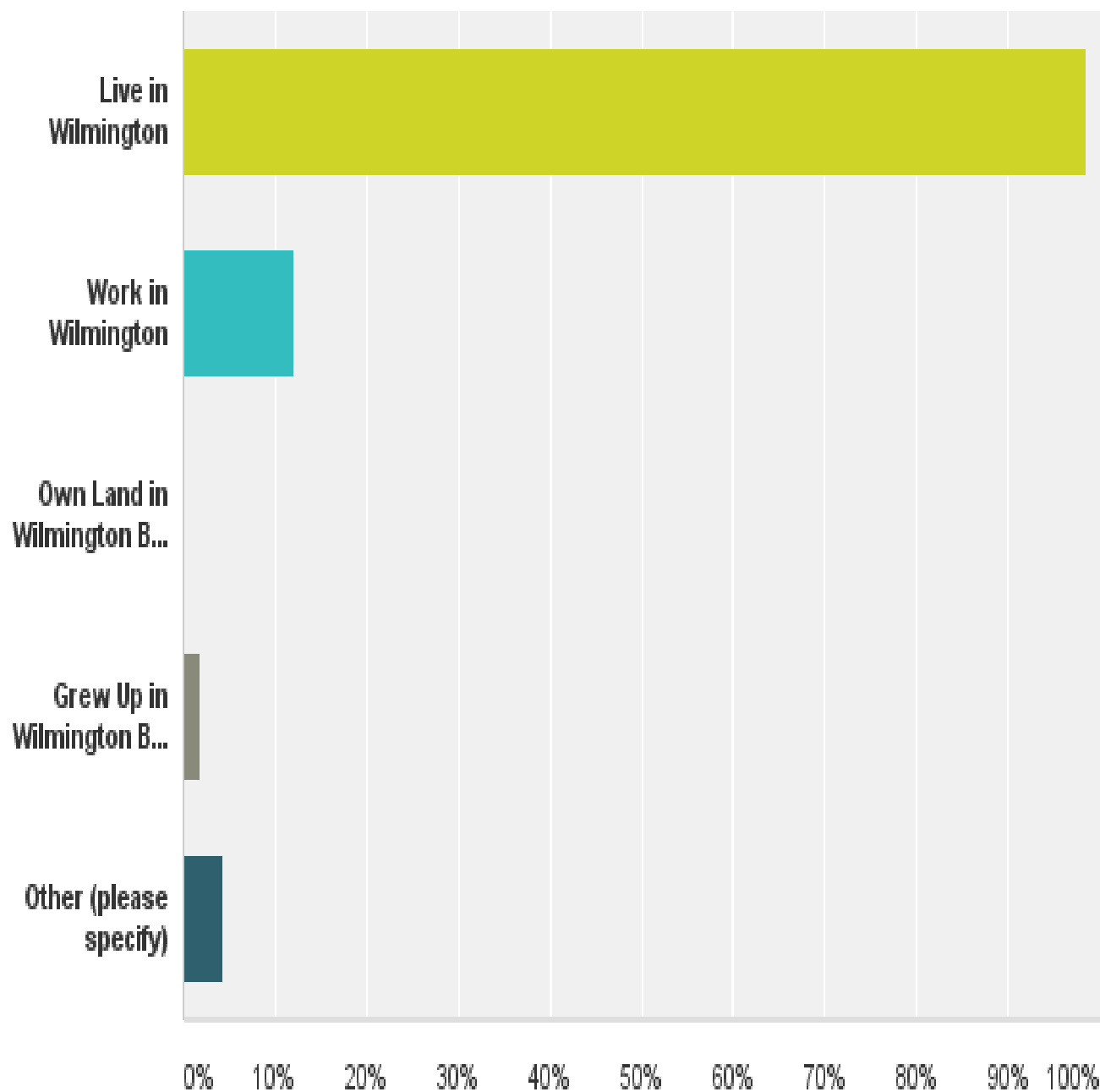


Q18: Would you be WILLING TO DO any of the following relative to open spaces/recreational spaces?

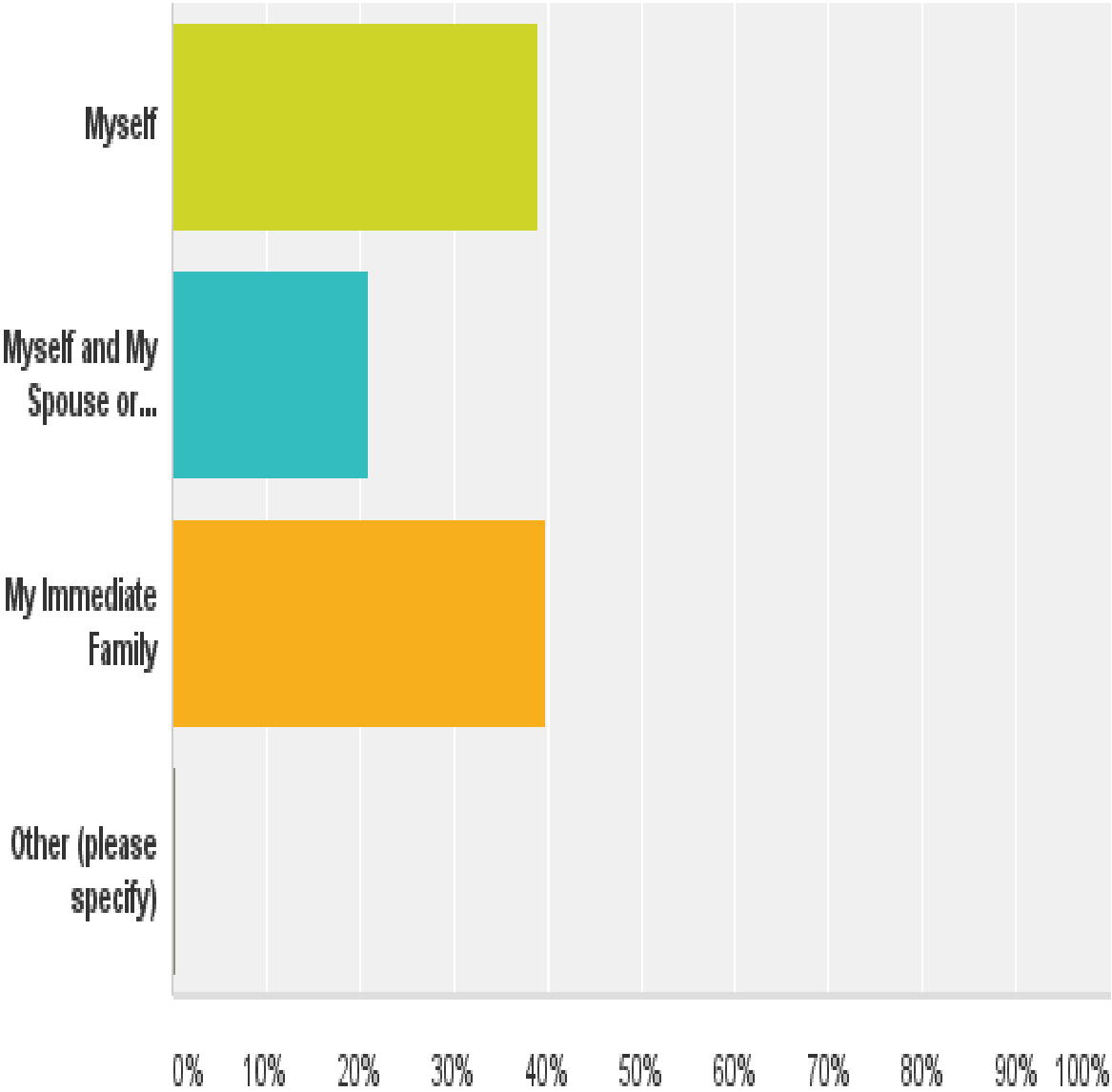


Answer Choices	Responses	
Volunteer to Clear or Improve Trails	57.66%	128
Donate Land for Open Space	1.35%	3
Donate Funds for Open Space	17.12%	38
Participate on a Committee Focused on Open Space Issues	31.08%	69
Participate in Park Clean-Up Events	72.97%	162
Other (please specify)	7.21%	16
Total Respondents: 222		

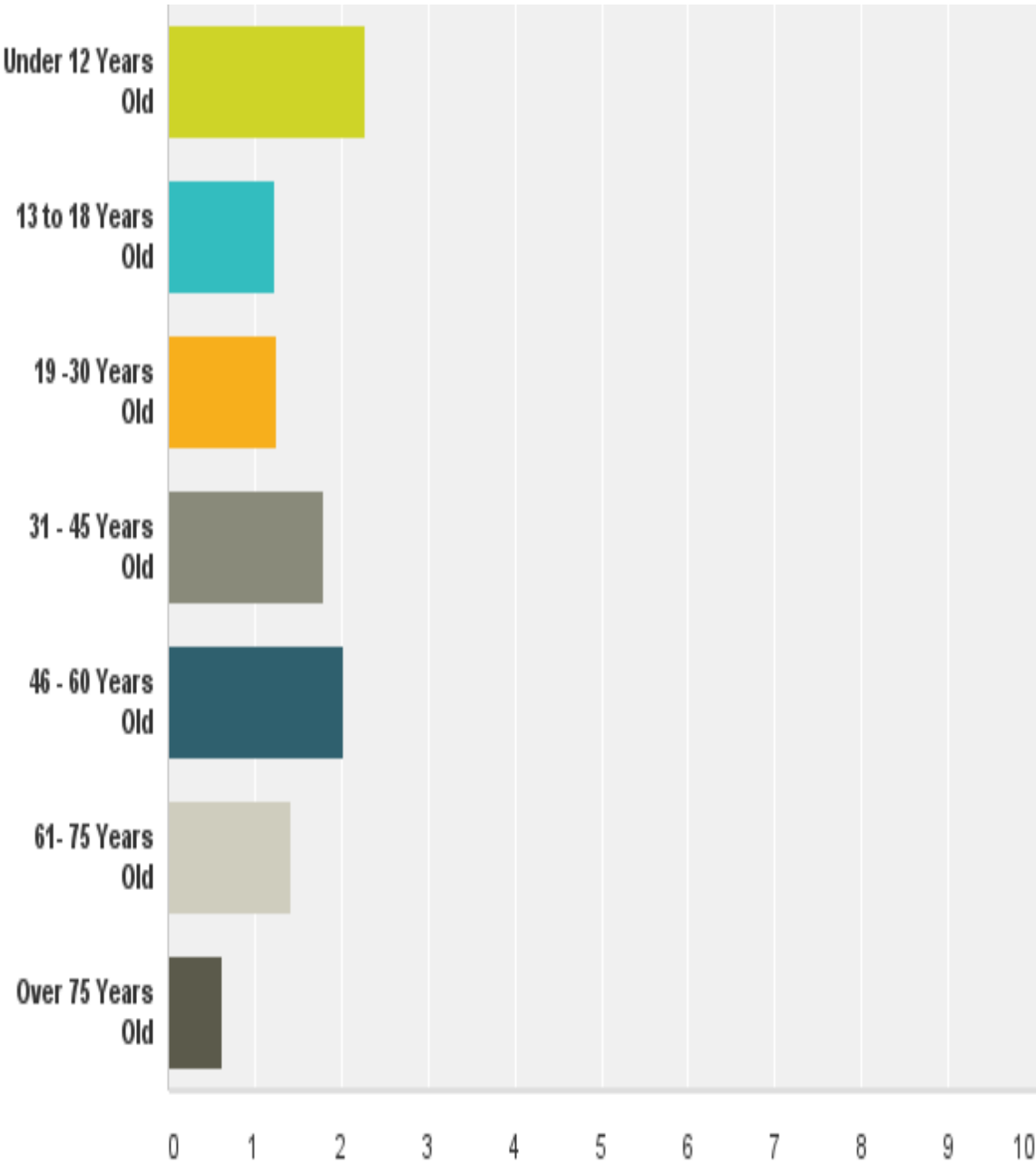
Q20: Which of the following best DESCRIBES YOU?



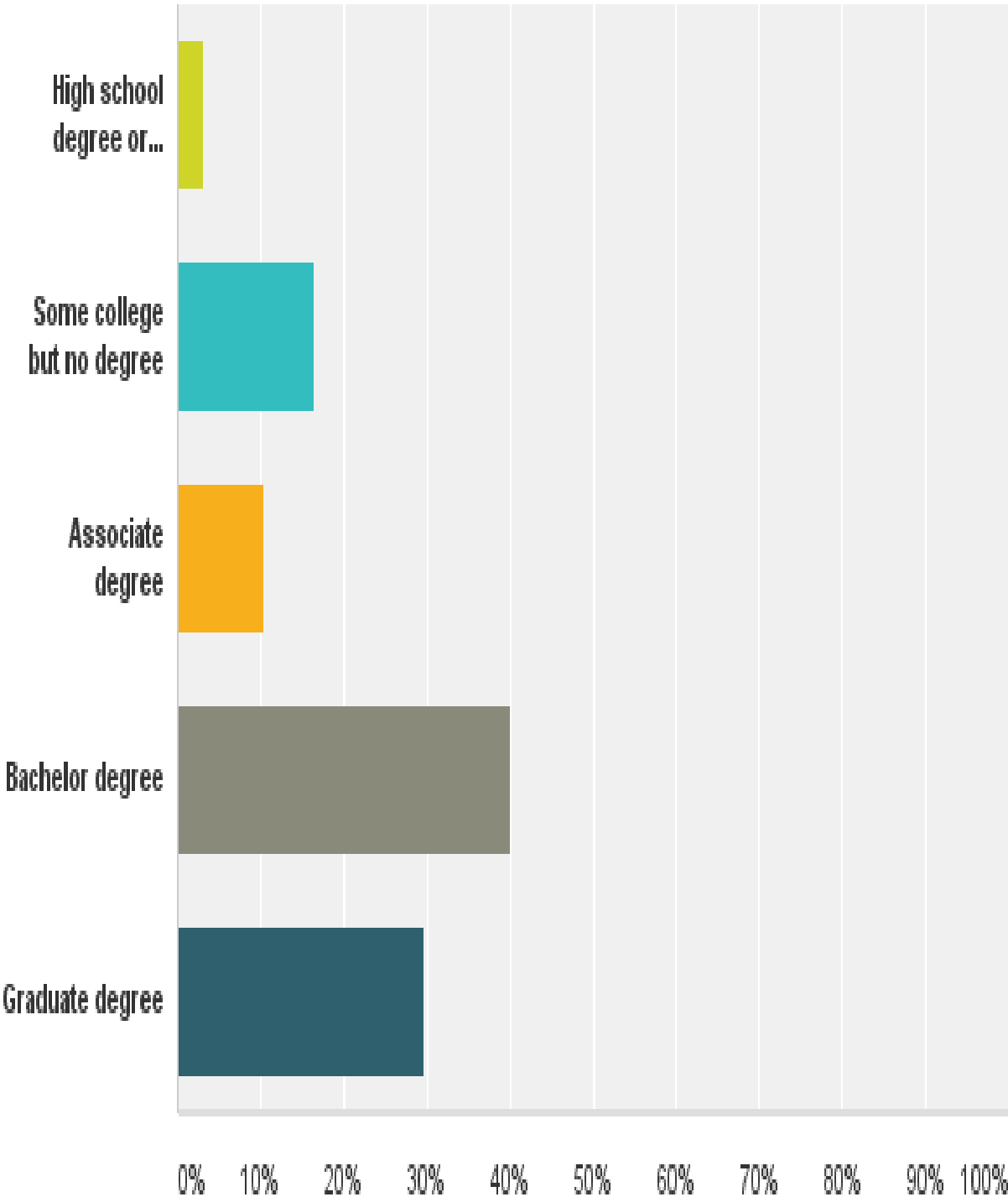
Q21: WHO are you answering this survey for?



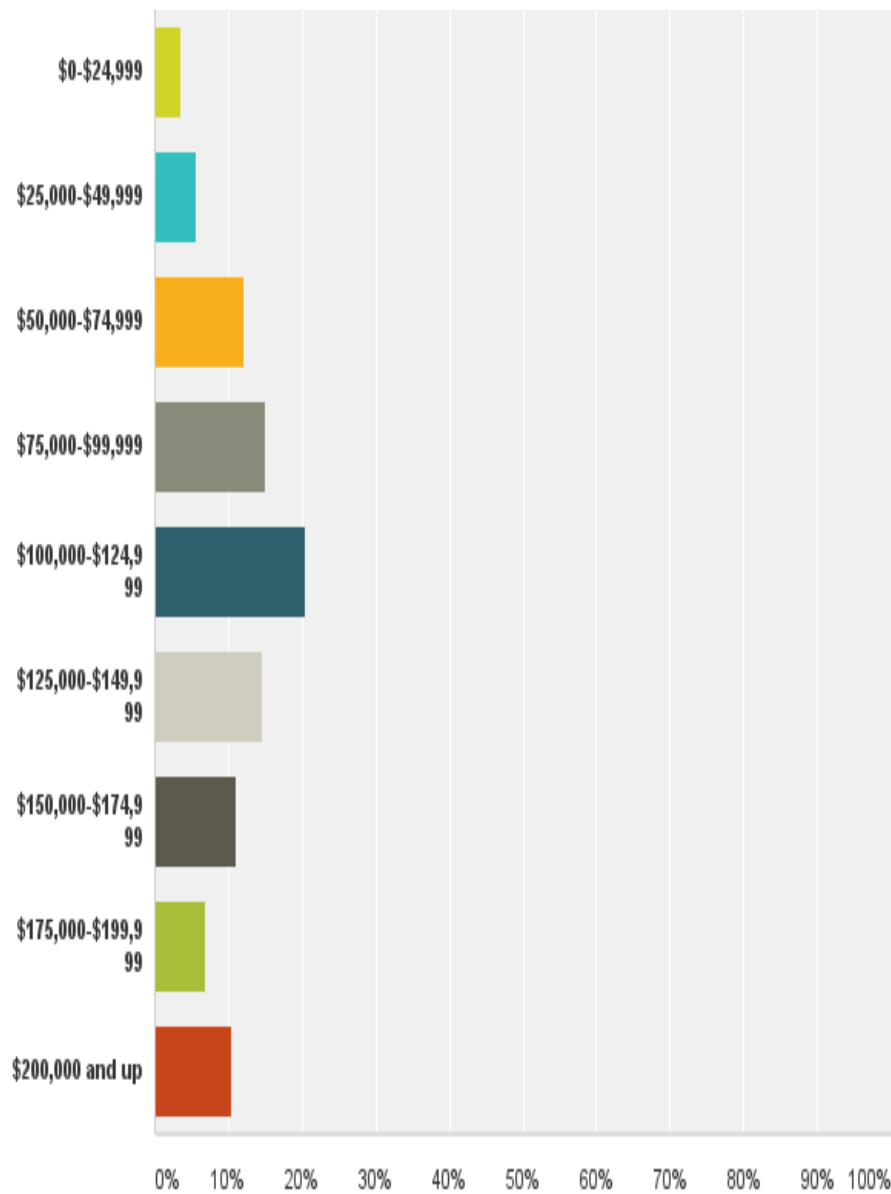
Q22: How many PEOPLE are in your HOUSEHOLD of the following AGES?



Q23: What is the HIGHEST LEVEL OF SCHOOL you have COMPLETED?



Q24: What is your approximate AVERAGE HOUSEHOLD INCOME?



Appendix 2: ADA Access Self-Evaluation

Part 1: Administrative Requirements

1. Designation of ADA Coordinator See letter dated December 4, 2013 to Ms. Myra Berloff, Director, Massachusetts Office of Disability, from Jeffrey Hull, Town Manager, Town of Wilmington.



TOWN OF WILMINGTON

121 GLEN ROAD
WILMINGTON, MA 01887

OFFICE OF THE
TOWN MANAGER
(978) 658-3311

FAX (978) 658-3334
TTY (978) 694-1417

December 4, 2013

Ms. Myra Berloff
Director
Massachusetts Office on Disability
One Ashburton Place, Room 1305
Boston, MA 02108

Dear Ms. Berloff,

This is to confirm that the ADA Coordinator for the Town of Wilmington is George Hooper, Director of Public Buildings. His contact information is below.

George Hooper
Director of Public Buildings
30 Church Street
Wilmington, MA 01887
(978) 658-3017
ghooper@wilmingtonma.gov

Please be advised that the Town of Wilmington is conducting a review of its ADA Policy and intends to update it within the next year. The Policy was last reviewed in 2002.

The review will include an assessment of current compliance, an update of information and accommodation services, and a review of the policy's adherence to current laws and regulations.

I anticipate this review will be completed by July of 2014. If it results in a change in the designated ADA Coordinator, I will provide the new information upon adoption of the revised policy.

Please contact Kendra Amaral, Assistant Town Manager/HR Director at 978-658-3311 or at kamaral@wilmingtonma.gov if you have any questions.

Sincerely,

Jeffrey M. Hull
Town Manager

2. Town of Wilmington ADA Grievance Procedure:

The Town of Wilmington has adopted an internal grievance procedure providing prompt and equitable resolution of complaints alleging any action prohibited by the U.S. Department of Justice regulations implementing title II of the Americans with Disabilities Act. Title II states, in part, that "no otherwise qualified disabled individual shall, solely by reason of such disability, be excluded from participation in, denied the benefits of, or be subjected to discrimination" in employment, programs or activities sponsored by a public entity.

Complaints should be addressed to the ADA Coordinator, Town Hall, 121 Glen Road, Wilmington, MA 01887-3597, phone (978) 658-3017. George Hooper, Public Buildings Superintendent, has been designated to coordinate ADA compliance efforts.

1. A complaint should be filed in writing and should contain the name and address of the person filing it, a brief description of the alleged violation(s), when the alleged violation(s) occurred, the name of any witnesses to the alleged violation(s) and the location of the alleged violation(s).
2. A complaint should be filed as soon as possible after the complainant becomes aware of the alleged violation(s). It is suggested that such complaint be filed within fourteen (14) days from the alleged violation(s).
3. An investigation, as may be appropriate, shall follow the filing of a complaint. The investigation shall be conducted by the ADA Coordinator. The ADA Coordinator may request that one or more members of the ADA Advisory Committee assist with the investigation. The investigation is intended to be informal but thorough in process affording all interested persons and their representatives, if any, an opportunity to submit evidence relevant to the complaint.
4. A written determination as to the validity of the complaint and a description of the resolution, if any, shall be issued by the ADA Coordinator and a copy forwarded to the complainant no later than thirty (30) calendar days after receipt of the complaint.
5. The complainant may appeal the decision to the Town Manager by submitting the request for appeal in writing with a copy of the determination made by the ADA Coordinator. The Town Manager may conduct his own investigation, as he deems appropriate. He shall render a written decision to the complainant not later than thirty (30) calendar days after receipt of the request for appeal.
6. The ADA Coordinator shall maintain the files and records relating to all complaints received regarding violations of the ADA and the Town's responses to these complaints.

7. The right of a person to a prompt and equitable resolution of the complaint filed hereunder shall not be impaired by the person's pursuit of other remedies such as filing of an ADA complaint with the responsible federal department or agency. Use of the grievance procedure is not a prerequisite to the pursuit of other remedies.
8. This policy shall be construed to protect the substantive rights of interested persons to meet appropriate due process standards and to assure that the Town of Wilmington complies with the ADA and the implementing regulations.

3. Public Notification

This public notice is posted prominently at all sites and on all program brochures and manuals.

TOWN OF WILMINGTON



PUBLIC NOTICE AMERICANS WITH DISABILITIES ACT

The Town of Wilmington does not discriminate on the basis of disability. Program applicants, participants, members of the general public, employees, job applicants and others are entitled to participate in, and benefit from, all Town programs, activities and services without regard to disability.

Copies of this notice are available, upon request, in alternate print formats (large print, audiotape, Braille, computer disk, etc.) Our grievance procedure, self-evaluation, as well as ADA policies, practices and procedures are available upon request.

The Town of Wilmington has designated the following person to coordinate its efforts to comply with the ADA. Inquiries, requests and complaints should be directed to:

George W. Hooper, II, Superintendent
Public Buildings Department
30 Church Street
Wilmington, MA 01887
VOICE (978) 658-3017
FAX (978) 658-6506
TTY (978) 694-1417 {Town Hall}
TTY (978) 657-8368 {Emergency – Public Safety Dispatch}
TTY (978) 657-4625 {Wilmington Memorial Library}

Individuals who need auxiliary aids for effective communication in programs and services of the Town of Wilmington are invited to make their needs and preferences known to the ADA Compliance Coordinator.

This notice is available in large print, on audiotape, and in Braille, from the ADA Compliance Coordinator.

4. Participation of Individuals with Disabilities or Organization Representing the Disabled Community

The following are questions submitted by Dee Genetti, the Chair of the Commission on Disabilities and a member of the Open Space and Recreation Plan Committee along with the answers provided by the Town.

1. **Are there actual physical copies of this notice available in alternative formats, or knowledge of how to get it expeditiously? This pertains to # 1, 3, 4.**

Response: The ADA Notice is available in alternate formats upon request. It is available electronically in the 2002 Open Space and Recreation Plan and the 2013 draft of the Open Space and Recreation Plan, both of which are on the Town website, but apparently is not available elsewhere on the Town website. The ADA Policy will be reviewed within the next year; presumably one change will be to make the ADA Notice available on the Town website under such categories as 'Forms and Documents' and the 'Commission on Disabilities'.

Is there accessible signage everywhere for individuals including those with sight impairments?

Response: No; the action plan includes provision of such signs starting at the most used recreational areas and continuing to other areas over time.

2. **The ADA Coordinator is listed as Roger Lessard. It should be George W. Hooper, II.**

Response: This was updated.

Regarding Part II. Program Accessibility

3. **Is there an HP parking spot? Could a person in a wheelchair access boat launching site? Transition plan - when?**

Response: This refers to Fisherman's Access at Grace Drive. No HP parking; access over the sidewalk is at an adjacent driveway curb cut - due to low use cutting the curb to make a HP ramp is not a high priority. Boat access is informal, without a ramp, over a dirt trail (frequently muddy) through the floodplain to the Shawsheen River for hand-carried boats.

Silver Lake is a better location is to make the boat launch area more accessible. HP parking spots are closer to the beach, none is designated at the paved path at the gravel portion of the parking lot, but could be. The paved path passes the boat launch area; between the path and launch area is lawn. Transition plan is to look into modifications required to make launch area accessible, the evaluation to be done within 3-6 years and to add HP parking sign next to the paved path [add to action plan 3B b].

6. **When will the transition plan take place?**

Response: This refers to Blanchard Road "Cormier Park". Access over the sidewalk is at nearby driveway curb cuts, so cutting the curb to make a HP ramp is not a high priority. The dirt trail from the sidewalk is fairly accessible until it steepens at the ridge, however, woody vegetation

needs to be kept cut back. In addition bike jumps in the path at the base of the ridge need to be removed and the holes filled in to provide more accessibility. Transition plan: this could be done soon and needs to be ongoing, if volunteers (e. g. stewards, scouts) are recruited to take this on, or it may take longer if DPW takes this on [add to action plan 3B b].

10. Is there an HP parking spot? Non-motor boating should have a wheelchair accessible launching site. When will the transition plan take place?

Response: This refers to Hathaway Acres. No HP parking. Access over sidewalk is at a driveway curb cut a bit removed from the most accessible trail, but next to the parcel, so cutting the curb to make a HP ramp is not a high priority. The potential boat launch area is informal, without a ramp at Martins Brook, with access through the shrubs for hand-carried boats. The closest entrance to it is at Rte. 62 and is dangerous due to the speed and amount of traffic, particularly trucks loaded up at two nearby sand and gravel operations.

11. Robert Palmer Park: The building used by Pop Warner program for snacks and bathrooms should have a wheelchair accessible bathroom as well.

Response: Accessible bathrooms are available only when the adjacent Town Hall is open. Evaluating provision of accessible bathrooms for the most used playground areas was added to the action plan.

13. Is signage accessible to all? Could the narrow wooded trails be widened?

Response: This refers to Town Park. Signage is not accessible to all. Providing accessible signage for Town Park in the initial round was added to the action plan. Some of the narrow wooded trails could be widened although such work is not included at this time. Making an accessible spur to the remnants of the canal from the woods road would be a location to consider.

Part 2: Employment Practices

A. Reasonable Accommodation Policy

It is the policy of the Town of Wilmington that no otherwise qualified individual with a disability shall, solely by reason of his/her disability, be excluded from employment with the Town of Wilmington. Employment review and hiring will be based on the employee/prospective employee's ability to perform what the Town of Wilmington determines to be the essential functions of a job.

Further, it is the policy of the Town of Wilmington that reasonable accommodation will be made to the known physical or mental limitations of an otherwise qualified applicant or employee with a disability, unless the Town of Wilmington can demonstrate that the accommodation imposes an undue financial or administrative hardship on the operation of its programs. The Town will provide reasonable accommodations to ensure equal employment opportunity in the application process; to enable a qualified individual with a disability to perform the essential functions of the job; and to enable an employee with a disability to enjoy equal benefits and privileges of employment.

The duty to provide reasonable accommodation is on-going, and may arise at any time that an employee's job changes or an employee develops a disability.

When attempting to identify what is a reasonable accommodation, the appointing authority and department head should do the following:

1. Examine the particular job involved, to determine its purpose and its essential functions.
2. Consult with the individual with the disability to determine his or her specific physical or mental abilities and limitations.
3. In consultation with the individual, identify potential accommodations and assess how effective each would be.
4. If an individual requests an accommodation which the appointing authority or department head considers to be unnecessary, the department head may request written documentation from a physician or other professional with knowledge of the individual's functional limitations.

Notice of the availability of reasonable accommodations for job applicants will be included in postings and advertisements and will be made available upon request to applicants with disabilities during the pre-employment process, if necessary, to provide equal opportunity to secure employment with the Town of Wilmington.

All prospective employees will be informed at the initial interview that the Town of Wilmington does not discriminate on the basis of disability and that requests for reasonable accommodations needed for the performance of essential job functions or for the enjoyment of other benefits of employment should be made by prospective

employees following receipt of a conditional offer of employment, preferably at the post employment offer meeting.

It is the obligation of the individual with the disability to request reasonable accommodations from their immediate supervisor or from their department head. Requests for reasonable accommodations should be made verbally and in writing describing the nature and purpose of the requested accommodation. Assistance will be made available upon request to any individuals who need assistance in identifying or documenting the reasonable accommodations needed.

A decision regarding reasonable accommodation requests will be made within five (5) business days of the submission of the request and any supporting documentation required by the Town of Wilmington. The effectiveness of the accommodation and need for modifications or additional accommodation will be assessed during the first month of use of the accommodation.

Current employees seeking reasonable accommodations should make requests to their immediate supervisor who will inform the ADA Coordinator. Requests for accommodation can be made at any time when they become necessary to the performance of essential job functions or the enjoyment of benefits of employment. A decision regarding the requested accommodation will be made within ten (10) working days of the submission of the request and any supporting documentation required.

The final decision concerning any requested accommodation that may represent an undue financial or administrative hardship will be made by the department head. Applicants or employees have the right to appeal the denial of any accommodation request using the ADA Grievance Procedure.

B. Employment Training Assurance

It is the policy of the Town of Wilmington that staff training and development activities provided to Town personnel and volunteers include information about rights and obligations under Title I of the ADA. Information about disability rights and this policy will be made available to new hires with the orientation material that they receive.

All materials include information on reasonable accommodations, grievance procedures, essential versus nonessential job functions, permissible and impermissible inquiries. Training will be conducted regularly. The ADA material in the orientation package will be reviewed with each new hire. The ADA Coordinator is the employee responsible for ensuring that the practice is followed.

Details of disability are kept separate from other employment information. Employee rights to confidentiality (whenever confidential information regarding disability, etc. is divulged) will be assured.

Non-Discriminatory Operations

A. Equal Opportunity Policy

The Town of Wilmington does not discriminate in employment practices against qualified job applicants or employees on the basis of disability in the areas of: hiring; promotion; demotion; transfer; recruitment; job advertisements; termination; post job offer; and training, etc. No qualified person with a disability shall be denied the benefits

of, be excluded from participation in or otherwise be subjected to discrimination under any of the Town of Wilmington's programs or activities.

The Town of Wilmington shall:

1. Provide a program of information and awareness training about persons with disabilities to all supervisors and interviewers;
2. Review all job descriptions to ensure that they do not tend to screen out qualified individuals;
3. Eliminate unnecessary, non-job related mental and/or physical requirements for entry into each job;
4. In the area of promotion, when a vacancy occurs, institute an internal search to determine if there is a qualified employee with a disability who could be promoted; and
5. Provide alternate methods of informing employees with disabilities of relevant information (such as informing blind individuals of announcements posted on bulletin boards).

In providing its services, programs and activities, the Town of Wilmington will not:

1. Deny a qualified individual with a disability the opportunity to participate in, or benefit from, a benefit, service or activity.
2. Afford a qualified individual with a disability the opportunity to participate in, or benefit from, any aid, benefit or service that is not equal to that afforded to others.
3. Deny a qualified individual with a disability the opportunity to participate as a member of any board, committee or commission, or any other entity of the Town of Wilmington.
4. Otherwise limit a qualified individual with a disability the enjoyment of any right, privilege, advantage or opportunity enjoyed by other qualified individuals receiving the aid, benefit or service.
5. As earlier stated, it is the policy of the Town of Wilmington to ensure that persons with disabilities are provided maximum opportunity to participate in, and benefit from, programs, services and activities. Moreover, it is our goal that such participation be in the same manner as those of non-disabled persons and in fully integrated settings.

It is understood that the obligation to comply with this policy is not obviated or alleviated by any state or local law or other requirement that, based on disability, imposes inconsistent or contradictory prohibition. Any prohibitions or limits upon the eligibility of qualified individuals with disabilities to receive services or practice any occupation or profession are not allowed under this policy.

B. Reasonable Modification Policy

The Town of Wilmington will make reasonable modifications to policies and procedures necessary to accommodate the needs of a person with a disability whenever an otherwise qualified person with a disability requests such modification, unless it can be demonstrated that such an accommodation would impose an undue burden or fundamental alteration to the program.

The Town of Wilmington will comply with all applicable federal and state laws and regulations relative to the use of assistive equipment and trained assistance animals. In addition, no arbitrary restrictions or limitations will be placed on the type of assistive

equipment or trained assistance animals that consumers may bring with them to Town of Wilmington facilities.

Reasonable modifications will be made when they are needed to afford persons with disabilities access to services and programs. Persons requesting a particular modification may be asked to furnish documentation to support the need for the modification. Final decisions regarding requests for reasonable modifications will be made by the ADA Coordinator in a timely fashion (no longer than ten (10) working days).

Individuals seeking to contest a denial of a request for reasonable modification will be given the grievance procedure in a format appropriate to their needs.

C. Eligibility Requirements Assurance

Any prohibitions or limits on the eligibility of qualified individuals with disabilities to receive services or practice any occupation or profession, are not allowed under this policy. Eligibility requirements have been reviewed by the applicable department head and the ADA Coordinator and updated as necessary to comply with the requirements of the ADA. Whenever programs formulate new eligibility policies or new programs are developed, policies will be reviewed with the ADA Coordinator to ensure compliance. Staff will be informed of, and trained on, any changes in eligibility requirements that may arise.

1. The Town may not unreasonably refuse to allow a person with a disability to participate in a program, service, or activity because of disability.
2. The Town must eliminate unnecessary eligibility standards which result in denial of equal opportunity to persons with disabilities.
3. The Town is required to modify policies, practices and procedures that tend to deny equal access unless fundamental alteration of programs would result.
4. The Town must furnish auxiliary aids and services to ensure effective communication.
5. All safety requirements are reviewed to ensure that they are based on actual risks. It has been determined that there are no discriminatory requirements. The determination of the existence of a direct threat must be based on objective factual evidence and not stereotypes or misconceptions about a person's disability. As an example, it has been determined that the requirement that elder residents requiring the use of a wheelchair, who will be transported in the Elderly Services minivan, must have their chair properly secured in the lift and must be properly secured in their wheelchair is reasonable and appropriate. If any new criteria are developed, their impact on persons with disabilities will be reviewed by the ADA Coordinator and the department head and all effected personnel will be informed of changes in eligibility requirements that may arise.

D. Assurance Regarding Surcharges

It is the policy of the Town of Wilmington that surcharges will not be charged to persons with disabilities, their family members or organizations representing them for the provision of reasonable accommodations, reasonable modifications to policies and procedures, auxiliary aids and services or any other costs related to the participation of a person with a disability.

E. Integrated Services Assurance

It is the policy of the Town of Wilmington that all of our services, programs and activities are provided in the most integrated setting possible. People with disabilities will not be required to participate in separate programs even if separate programs specifically designed to meet the need of persons with disabilities are offered.

Services will not be provided to any person with a disability in a manner or at a location different from that available to other service recipients unless the potential for removal of architectural barriers or the use of assistive devices and equipment have been found to be inadequate or inappropriate to the needs of the individual. In all cases, the affected individuals, family members and other representatives when appropriate, will be fully involved in the consideration and decision-making processes.

F. Significant Assistance Assurance

It is the policy of the Town of Wilmington that programs to whom we provide significant support may not discriminate against people with disabilities. All contracts and all program sites are regularly assessed to ensure nondiscrimination against people with disabilities. All new contracts and programs are assessed prior to approval to ensure they do not discriminate against people with disabilities.

G. Accessible Transportation Policy

It is the policy of the Town of Wilmington that transportation services provided are accessible to participants in our programs regardless of disability. When programs are offered in which the Town provides transportation, the Town shall ensure that such modes of transportation are accessible to individuals with disabilities. As noted previously the Elderly Service minivan is handicapped accessible. Senior citizens seeking transportation may call the Elderly Services Department at (978) 657-7595 or contact the Town Manager's Office using TTY at (978) 694-1417. Trips sponsored by the Recreation Department that require use of buses include handicapped accessible buses. Individuals with disabilities who wish to participate in a recreation trip should notify the Recreation Department of their requirements by calling the department at (978) 658-4270 or contacting the Town Manager's Office using TTY at (978) 694-1417. Calls should be made during normal business hours between 8:30 a.m. and 4:30 p.m. Monday through Friday.

H. Community Referral Assurance

Whenever the Town of Wilmington provides a referral to another program or service, it is our policy to determine whether primary referral agencies (those commonly used) are accessible to persons with disabilities and aware of the obligations of the ADA. When making referrals, the Town of Wilmington provides clients with disabilities information regarding community programs that, to the best of our knowledge, are accessible and/or in compliance with ADA and which are not. In each program area operated by the referral agency, we have determined by telephone survey that there is at least one accessible provider in each of the categories of services in which we typically make referrals. A list of accessible community referrals is available from the applicable department heads.

I. Training Assurance Regarding Non-Discriminatory Program Operation

The Town of Wilmington will provide ADA awareness training as part of its in-service training program. The Town's programs operate in such a manner that does not discriminate against people with disabilities. Training shall include a full explanation of

the Town's ADA policies, procedures, and practices. The ADA Coordinator has the overall responsibility for ensuring that all staff are trained, including new employees.

EFFECTIVE COMMUNICATION

A. Effective Communications Policy

It is the policy of the Town of Wilmington that auxiliary aids and services will be provided when necessary to ensure effective communication with persons whose disabilities effect communication. Persons with communications disabilities will be given the opportunity to request the aid or service that they prefer and the requested aid or service will be given primary consideration by the Town of Wilmington and will be provided unless doing so would impose an undue burden or a fully effective alternative is available.

The procedure for anyone who requests accessible formats (or any type of effective communication) is:

1. To specify his/her accessible format either in person, over the telephone, or in writing to the ADA Coordinator at least 30 days in advance of the event.
2. Within five (5) business days, the Town will provide the most reasonable and appropriate format to the requester at no charge.

Such a determination of undue burden or reasonable and appropriateness will be made by the ADA Coordinator. In deciding what type of aid or service to provide, primary consideration is given to the type of aid or service preferred by the person with a disability.

B. TTY/TDD Assurance

TTY machines are available at the Town of Wilmington Town Hall, 121 Glen Road: Wilmington Public Safety Building, Adelaide Street and the Memorial Library at 175 Middlesex Avenue. TTY training will be provided for all employees and updated on an annual basis. The TTY number for Town Hall is (978) 694-1417, for the Public Safety Central Dispatch is (978) 657-8368 and for the Memorial Library (978) 657-4625 and are listed under Wilmington, Town of in the telephone directory. The TTY number is printed on all documents and mailings that contain the agency's voice telephone number.

C. Alternative Format Policy and Procedures

It is the policy of the Town of Wilmington to make all documents, publications and materials used in agency programs available to persons with disabilities who need them in alternate formats. Procedures have been established for the provision of alternative formats including large print, Braille, audiotape and computer disks. Braille materials may be purchased through:

National Braille Press, Inc. 88 St. Stephen Street, Boston, MA

(617) 266-6160

Mass Association for the Blind, 200 Ivy Street, Brookline, MA

(617) 738-5110

Large print, short audiotapes and computer disks in ASCII formats will be prepared by the department from which the request is made. Preparation of long audiotapes may be purchased through:

Mass Association for the Blind, 200 Ivy Street, Brookline, MA

(617) 738-5110

Recording for the Blind & Dyslexic, 43 Thorndike St., Cambridge, MA

(617) 577-1111

Large print resources include:

Resources for Rehabilitation, 33 Bedford St., Suite 19A, Lexington, MA 02420

(781) 862-6455

Sight Line Productions, 505 Paradise Road, Suite 200, Swampscott, MA 01901

(781) 595-9800

The procedure for requesting alternate formats is:

1. The person making the request should identify the materials desired and specify his/her preferred alternate format to the department either in person, by phone or in writing at least ten (10) days in advance of the event or activity for which the material is needed.
2. The materials will be provided in the requested format at no charge. *(Every attempt will be made to meet requests made less than ten (10) days before an event or activity.)*
3. The ADA Coordinator shall make the final determination as to whether the request presents an undue burden or whether the format requested can be accommodated. If, after primary consideration has been given to the preferred format, the request cannot be met, an alternative effective format will be offered. If a request cannot be met, the person making the request will be informed as soon as possible but at least two (2) days in advance of the event or activity.

D. Interpreter Services Policy

It is the policy of the Town of Wilmington that sign language interpreters will be provided upon request to any person needing interpreter services in order to participate in any meeting, program or activity of the Town. Requests should be made at least fourteen (14) days in advance of the scheduled event or meeting. *(Every reasonable effort will be made to meet requests made with less than fourteen (14) days notice.)* Requests should be made either in person, by telephone or in writing to the ADA coordinator or Assistant Town Manager. The ADA Coordinator shall make the final determination as to whether the request represents an undue burden.

Upon receipt of the request, the ADA Coordinator or other responsible employee will contact the Massachusetts Commission for the Deaf and Hard of Hearing (MCDHH), 210 South Street, Boston, MA 02111 (800) 882-1155 or (617) 695-7500 (voice), (617) 695-7600 (TTY) to schedule the interpreter service. If informed that MCDHH has not been successful in scheduling interpreters as requested, staff of the Town of Wilmington will immediately attempt to contact and schedule a freelance interpreter.

If an interpreter service cannot be obtained, the ADA Coordinator will offer the option of an alternative effective form of communication. If an alternative format is not available the Town Manager or his designee will offer to postpone the meeting until such a time as an interpreter can be scheduled.

It is the Town of Wilmington's policy to ensure funds are available for interpreting services.

E. Assistance Listening Device Assurance

It is the policy of the Town of Wilmington that assistive listening devices will be provided upon request to persons needing such devices to participate in programs, services and activities of the agency. Assistive listening devices will be rented through:

ADCare Educational Institute (ADC)

(508) 752-7313

(508) 754-0039 (TTY)

The procedure for requesting an assistive listening device is for the person needing the device (or his/her representative) to identify his/her need for a device in person, by telephone or in writing to the ADA Coordinator or Assistant Town Manager at least ten (10) business days before the scheduled event or activity will take place.

The ADA Coordinator or Assistant Town Manager or other responsible member of the staff will contact ADC upon receipt of the request and arrange for rental and timely delivery of the device by express mail. (Every reasonable effort will be made to meet requests made with less than ten (10) days notice.)

F. TV Captioning Assurance

If television is used by the Town of Wilmington, it will be equipped with a captioning decoder chip. If necessary, staff will be instructed in the use of the decoder.

G. Video Assurance

It is the policy of the Town of Wilmington to provide captioned versions of video tapes when such captioning is available in order to ensure that presentations are accessible to all individuals with disabilities.

H. Training Assurance

It is the policy of the Town of Wilmington that, in addition to staff training and other staff development activities provided to Town personnel and volunteers, including training on the use of a TTY and other equipment necessary to assure effective communication, personnel also receive training in procedures and policies on receiving and handling requests for auxiliary aids and services and for ensuring that primary consideration is given to the type of service or format preferred by the person with the disability. Training on effective communication will be provided periodically as needed.

Date: _____

Town Manager

Board of Selectmen

Part 3: ADA Facility Inventory Forms

Facility Inventory

LOCATION: Alderwood Acres (Kenwood Avenue)

ACTIVITY	EQUIPMENT	NOTES
Picnic Facilities <i>none</i>	Tables & Benches	Located adjacent to accessible paths
		Access to Open Spaces
		Back and Arm Rests
		Adequate number
	Grills	Height of Cooking Surface
	Trash Cans	Located adjacent to accessible paths
		Located adjacent to accessible paths
		Located near accessible water fountains, trash can, restroom, parking, etc.
Trails		Surface material <i>dirt, rock, 2 plastic-wood bridges</i>
		Dimensions <i>variable-1'-3'</i> ; <i>bridges are 3' wide</i>
		Rails <i>none</i>
		Signage (for visually impaired) <i>no signs with Braille</i>
Swimming Facilities <i>none</i>	Pools	Entrance
		Location from accessible parking
		Safety features i.e. warning for visually impaired
	Beaches	Location from accessible path into water
		Handrails
		Location from accessible parking
		Shade provided
Play Areas (tot lots) <i>none</i>	All Play Equipment i.e. swings, slides	Same experience provided to all
	Access Routes	Located adjacent to accessible paths
		Enough space between equipment for wheelchair
Game Areas: *ballfield *basketball *tennis <i>none</i>	Access Routes	Located adjacent to accessible paths
		Berm cuts onto courts
	Equipment	Height
		Dimensions
		Spectator Seating
Boat Docks <i>none</i>	Access Routes	Located adjacent to accessible paths
		Handrails
Fishing Facilities <i>none</i>	Access Routes	Located adjacent to accessible paths
		Handrails
	Equipment	Arm Rests
		Bait Shelves
		Handrails
		Fish Cleaning Tables
Programming <i>None at this time</i>	Are special programs at your facilities accessible?	Learn-to-Swim
		Guided Hikes
		Interpretive Programs
Services and Technical Assistance *	Information available in alternative formats i.e. for visually impaired	
	Process to request interpretive services (i.e. sign language interpreter) for meetings	

Facility Inventory
LOCATION: Alderwood Acres (Kenwood Avenue)

PARKING <i>parking is on street (paved) or on circle (dirt) at end of road, no spaces are striped or designated</i>			
<i>Total Spaces</i>		<i>Required Accessible Spaces</i>	
Up to 25 x		1 space	
26-50		2 spaces	
51-75		3 spaces	
76-100		4 spaces	
101-150		5 spaces	
151-200		6 spaces	
201-300		7 spaces	
301-400		8 spaces	
401-500		9 spaces	
<i>Specification for Accessible Spaces</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Accessible space located closest to accessible entrance (no building hence no accessible entry)			None designated-space available
Where spaces cannot be located within 200 ft of accessible entrance, drop-off area is provided within 100 ft.			N.A.; can park next to start of trail
Minimum width of 13 ft includes 8 ft space plus 5 ft access aisle			None designated-space available
Van space - minimum of 1 van space for every accessible space, 8 ft wide plus 8 ft aisle. Alternative is to make all accessible spaces 11 ft wide with 5 ft aisle.			None designated-space available
Sign with international symbol of accessibility at each space or pair of spaces		x	
Sign minimum 5 ft, maximum 8 ft to top of sign			
Surface evenly paved or hard-packed (no cracks)			Pavement-yes; dirt sometimes has ruts, ponding, and soft or muddy surface
Surface slope less than 1:20, 5%	x		Dirt surface, sometimes has ruts
Curbscut to pathway from parking lot at each space or pair of spaces, if sidewalk (curb) is present			N.A.
Curbscut is a minimum width of 3 ft, excluding sloped sides, has sloped sides, all slopes not to exceed 1:12, and textured or painted yellow			N.A.
RAMPS none			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Slope Maximum 1:12			
Minimum width 4 ft between handrails			
Handrails on both sides if ramp is longer than 6 ft			
Handrails at 34" and 19" from ramp surface			
Handrails extend 12" beyond top and bottom			
Handgrip oval or round			
Handgrip smooth surface			
Handgrip diameter between 1½" and 2"			
Clearance of 1½" between wall and wall rail			
Non-slip surface			
Level platforms (4ft x 4 ft) at every 30 ft, at top, at bottom, at change of direction			
SITE ACCESS, PATH OF TRAVEL, ENTRANCES (note there are no buildings or building entrances)			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Site Access			
Accessible path of travel from passenger disembarking area and parking area to accessible entrance (no building hence no accessible entry)			
Disembarking area at accessible entrance	x		
Surface evenly paved or hard-packed	x	x	Uneven dirt surface at end of road
No ponding of water		x	Ponding in circle

Facility Inventory

LOCATION: Alderwood Acres (Kenwood Avenue)

<i>Path of Travel (path is dirt path with 2 plastic-wood bridges)</i>			
Path does not require the use of stairs	x		
Path is stable, firm and slip resistant		x	<i>Dirt path is uneven surface, soft in places</i>
3 ft wide minimum		x	<i>Bridges are 3' wide, paths are narrower</i>
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50).		x	
Continuous common surface, no changes in level greater than $\frac{1}{2}$ inch		x	<i>Could build up ground surface to meet bridge or put 3" high ramp at 2nd bridge</i>
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane		x	<i>Vegetation need to be trimmed back periodically to keep path clear</i>
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"			<i>N.A.</i>
Curb on the pathway must have curb cuts at drives, parking and drop-offs			<i>N.A.</i>
<i>Entrances N.A. (no buildings- entrance is the path at the dirt circle at the end of the road)</i>			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and <i>not</i> be the service entrance			
Level space extending 5 ft. from the door, interior and exterior of entrance doors			
Minimum 32" clear width opening (i.e. 36" door with standard hinge)			
At least 18" clear floor area on latch, pull side of door			
Door handle no higher than 48" and operable with a closed fist			
Vestibule is 4 ft plus the width of the door swinging into the space			
Entrance(s) on a level that makes elevators accessible			
Door mats less than $\frac{1}{2}$ " thick are securely fastened			
Door mats more than $\frac{1}{2}$ " thick are recessed			
Grates in path of travel have openings of $\frac{1}{2}$ " maximum			
Signs at non-accessible entrance(s) indicate direction to accessible entrance			
Emergency egress - alarms with flashing lights and audible signals, sufficiently lighted			
STAIRS and DOORS N.A. (no stairs or doors)			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
<i>Stairs (none)</i>			
No open risers			
Nosings not projecting			
Treads no less than 11" wide			
Handrails on both sides			
Handrails 34"-38" above tread			
Handrail extends a minimum of 1 ft beyond top and bottom riser (if no safety hazard and space permits)			
Handgrip oval or round			
Handgrip has a smooth surface			
Handgrip diameter between $1\frac{1}{4}$ " and $1\frac{1}{2}$ "			
$1\frac{1}{2}$ " clearance between wall and handrail			
<i>Doors (none)</i>			
Minimum 32" clear opening			
At least 18" clear floor space on pull side of door			

Facility Inventory
LOCATION: Alderwood Acres (Kenwood Avenue)

Closing speed minimum 3 seconds to within 3" of the latch			
Maximum pressure 5 pounds interior doors			
Threshold maximum $\frac{1}{2}$ " high, beveled on both sides			
Hardware operable with a closed fist (no conventional door knobs or thumb latch devices)			
Hardware minimum 36", maximum 48" above the floor			
Clear, level floor space extends out 5 ft from both sides of the door			
Door adjacent to revolving door is accessible and unlocked			
Doors opening into hazardous area have hardware that is knurled or roughened			
RESTROOMS - also see Doors and Vestibules N.A. (no restrooms)			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
5 ft turning space measured 12" from the floor			
At least one Sink: (none)			
Clear floor space of 30" by 48" to allow a forward approach			
Mounted without pedestal or legs, height 34" to top of rim			
Extends at least 22" from the wall			
Open knee space a minimum 19" deep, 30" width, and 27" high			
Cover exposed pipes with insulation			
Faucets operable with closed fist (lever or spring activated handle)			
At least one Stall: (none)			
Accessible to person using wheelchair at 60" wide by 72" deep			
Stall door is 36" wide			
Stall door swings out			
Stall door is self closing			
Stall door has a pull latch			
Lock on stall door is operable with a closed fist, and 32" above the floor			
Coat hook is 54" high			
Toilet (none)			
18" from center to nearest side wall			
42" minimum clear space from center to farthest wall or fixture			
Top of seat 17"-19" above the floor			
Grab Bars (none)			
On back and side wall closest to toilet			
$1\frac{1}{4}$ " diameter			
$1\frac{1}{2}$ " clearance to wall			
Located 30" above and parallel to the floor			
Acid-etched or roughened surface			
42" long			
Fixtures			
Toilet paper dispenser is 24" above floor			
One mirror set a maximum 38" to bottom (if tilted, 42")			
Dispensers (towel, soap, etc) at least one of each a maximum 42" above the floor			
FLOORS, DRINKING FOUNTAINS, TELEPHONES N.A. (no buildings, drinking fountains, telephone)			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>

Facility Inventory
LOCATION: Alderwood Acres (Kenwood Avenue)

Floors (none)			
Non-slip surface			
Carpeting is high-density, low pile, non-absorbent, stretched taut, securely anchored			
Corridor width minimum is 3 ft			
Objects (signs, ceiling lights, fixtures) can only protrude 4" into the path of travel from a height of 27" to 80" above the floor			
Drinking Fountains (none)			
Spouts no higher than 36" from floor to outlet			
Hand operated push button or level controls			
Spouts located near front with stream of water as parallel to front as possible			
If recessed, recess a minimum 30" width, and no deeper than depth of fountain			
If no clear knee space underneath, clear floor space 30" x 48" to allow parallel approach			
Telephones (none)			
Highest operating part a maximum 54" above the floor			
Access within 12" of phone, 30" high by 30" wide			
Adjustable volume control on headset so identified			
SIGNS, SIGNALS, AND SWITCHES (no signals or switches); sign is in the circle flanked by shrubs including low shrubs in front of sign so can't walk into sign-has smooth letters but no Braille			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Switches, Controls and Signs (no switches or controls)			
Switches and controls for light, heat, ventilation, windows, fire alarms, thermostats, etc, must be a minimum of 36" and a maximum of 48" above the floor for a forward reach, a maximum of 54" for a side reach			
Electrical outlets centered no lower than 18" above the floor			
Warning signals must be visual as well as audible			
Signs			
Mounting height must be 60" to centerline of the sign			
Within 18" of door jamb or recessed			<i>N.A.</i>
Letters and numbers a t least 1½" high	x	x	<i>(funding sources in smaller letters)</i>
Letters and numbers raised .03"		x	
Letters and numbers contrast with the background color	x		
SWIMMING POOLS - accessibility can be via ramp, lifting device, or transfer area N.A. (no pool)			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Ramp at least 34" wide with a non-slip surface extending into the shallow end, slope not exceeding 1:6 with handrails on both sides			
Lifting device			
Transfer area 18" above the path of travel and a minimum of 18" wide			
Unobstructed path of travel not less than 48" wide around pool			
Non-slip surface			
SHOWER ROOMS - Showers must accommodate both wheel-in and transfer use N.A. (no showers)			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Stalls 36" by 60" minimum, with a 36" door opening			
Floors are pitched to drain the stall at the corner farthest from entrance			

Facility Inventory
LOCATION: Alderwood Acres (Kenwood Avenue)

Floors are non-slip surface			
Controls operate by a single lever with a pressure balance mixing valve			
Controls are located on the center wall adjacent to the hinged seat			
Shower heads attached to a flexible metal hose			
Shower heads attached to wall mounting adjustable from 42" to 72" above the floor			
Seat is hinged and padded and at least 16" deep, folds upward, securely attached to side wall, height is 18" to the top of the seat, and at least 24" long			
Soap trays without handhold features unless they can support 250 pounds			
2 grab bars are provided, one 30" and one 48" long, or one continuous L shaped bar			
Grab bars are placed horizontally at 36" above the floor line			
PICNICKING N.A. (no picnic facilities - could set up a picnic on the ground)			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access			
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.			
Top of table no higher than 32" above ground			
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions			
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter			

Facility Inventory LOCATION: BEECHING AVE. CONSERVATION SUBDIV., WILMINGTON

ACTIVITY	EQUIPMENT	NOTES
Picnic Facilities N / A	Tables & Benches	Located adjacent to accessible paths
		Access to Open Spaces
		Back and Arm Rests
		Adequate number
	Grills	Height of Cooking Surface
	Trash Cans	Located adjacent to accessible paths
		Located adjacent to accessible paths
		Located adjacent to accessible paths
	Picnic Shelters	Located near accessible water fountains, trash can, restroom, parking, etc.
Trails		Surface material PEA STONE
		Dimensions 6 FEET
		Rails NONE
		Signage (for visually impaired) NONE
Swimming Facilities N / A	Pools	Entrance
		Location from accessible parking
		Safety features i.e. warning for visually impaired
	Beaches	Location from accessible path into water
		Handrails
		Location from accessible parking
		Shade provided
Play Areas (tot lots) N / A	All Play Equipment i.e. swings, slides	Same experience provided to all
	Access Routes	Located adjacent to accessible paths
		Enough space between equipment for wheelchair
Game Areas: *ballfield *basketball *tennis N / A	Access Routes	Located adjacent to accessible paths
		Berm cuts onto courts
	Equipment	Height
		Dimensions
		Spectator Seating
Boat Docks N / A	Access Routes	Located adjacent to accessible paths
		Handrails
Fishing Facilities N / A	Access Routes	Located adjacent to accessible paths
		Handrails
	Equipment	Arm Rests
		Bait Shelves
		Handrails
		Fish Cleaning Tables
Programming N / A	Are special programs at your facilities accessible?	Learn-to-Swim
		Guided Hikes
		Interpretive Programs
Services and Technical Assistance	Information available in alternative formats i.e. for visually impaired	
	Process to request interpretive services (i.e. sign language interpreter) for meetings	

Facility Inventory LOCATION: BEECHING AVE. CONSERVATION SUBDIV., WILMINGTON

PARKING			
<i>Total Spaces</i>	NONE	<i>Required Accessible Spaces</i>	
Up to 25		1 space	
26-50		2 spaces	
51-75		3 spaces	
76-100		4 spaces	
101-150		5 spaces	
151-200		6 spaces	
201-300		7 spaces	
301-400		8 spaces	
401-500		9 spaces	
<i>Specification for Accessible Spaces</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Accessible space located closest to accessible entrance			THERE ARE NO PARKING SPACES.
Where spaces cannot be located within 200 ft of accessible entrance, drop-off area is provided within 100 ft.			
Minimum width of 13 ft includes 8 ft space plus 5 ft access aisle			
Van space - minimum of 1 van space for every accessible space, 8 ft wide plus 8 ft aisle. Alternative is to make all accessible spaces 11 ft wide with 5 ft aisle.			
Sign with international symbol of accessibility at each space or pair of spaces			
Sign minimum 5 ft, maximum 8 ft to top of sign			
Surface evenly paved or hard-packed (no cracks)			
Surface slope less than 1:20, 5%			
Curbside to pathway from parking lot at each space or pair of spaces, if sidewalk (curb) is present			
Curbside is a minimum width of 3 ft, excluding sloped sides, has sloped sides, all slopes not to exceed 1:12, and textured or painted yellow			
RAMPS			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Slope Maximum 1:12			THERE ARE NO RAMPS ON SITE.
Minimum width 4 ft between handrails			
Handrails on both sides if ramp is longer than 6 ft			
Handrails at 34" and 19" from ramp surface			
Handrails extend 12" beyond top and bottom			
Handgrip oval or round			
Handgrip smooth surface			
Handgrip diameter between 1¼" and 2"			
Clearance of 1½" between wall and wall rail			
Non-slip surface			
Level platforms (4ft x 4 ft) at every 30 ft, at top, at bottom, at change of direction			
SITE ACCESS, PATH OF TRAVEL, ENTRANCES			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Site Access			
Accessible path of travel from passenger disembarking area and parking area to accessible entrance			N / A
Disembarking area at accessible entrance			
Surface evenly paved or hard-packed			N / A
No ponding of water			N / A

Facility Inventory LOCATION: BEECHING AVE. CONSERVATION SUBDIV., WILMINGTON

Path of Travel			
Path does not require the use of stairs	X		
Path is stable, firm and slip resistant	X		
3 ft wide minimum	X		
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50).	X		
Continuous common surface, no changes in level greater than $\frac{1}{2}$ inch	X		
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane	X		
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"		X	
Curb on the pathway must have curb cuts at drives, parking and drop-offs		X	
Entrances			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and <i>not</i> be the service entrance	X		
Level space extending 5 ft. from the door, interior and exterior of entrance doors			THERE ARE NO BUILDING ENTRANCES ON SITE.
Minimum 32" clear width opening (i.e. 36" door with standard hinge)			
At least 18" clear floor area on latch, pull side of door			
Door handle no higher than 48" and operable with a closed fist			
Vestibule is 4 ft plus the width of the door swinging into the space			
Entrance(s) on a level that makes elevators accessible			
Door mats less than $\frac{1}{2}$ " thick are securely fastened			
Door mats more than $\frac{1}{2}$ " thick are recessed			
Grates in path of travel have openings of $\frac{1}{2}$ " maximum			
Signs at non-accessible entrance(s) indicate direction to accessible entrance			
Emergency egress - alarms with flashing lights and audible signals, sufficiently lighted			
STAIRS and DOORS			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Stairs			
THERE ARE NO STAIRS ON SITE.			
No open risers			
Nosings not projecting			
Treads no less than 11" wide			
Handrails on both sides			
Handrails 34"-38" above tread			
Handrail extends a minimum of 1 ft beyond top and bottom riser (if no safety hazard and space permits)			
Handgrip oval or round			
Handgrip has a smooth surface			
Handgrip diameter between $1\frac{1}{4}$ " and $1\frac{1}{2}$ "			
$1\frac{1}{2}$ " clearance between wall and handrail			

Facility Inventory LOCATION: BEECHING AVE. CONSERVATION SUBDIV., WILMINGTON

Doors			
THERE ARE NO DOORS ON SITE			
Minimum 32" clear opening			
At least 18" clear floor space on pull side of door			
Closing speed minimum 3 seconds to within 3" of the latch			
Maximum pressure 5 pounds interior doors			
Threshold maximum $\frac{1}{2}$ " high, beveled on both sides			
Hardware operable with a closed fist (no conventional door knobs or thumb latch devices)			
Hardware minimum 36", maximum 48" above the floor			
Clear, level floor space extends out 5 ft from both sides of the door			
Door adjacent to revolving door is accessible and unlocked			
Doors opening into hazardous area have hardware that is knurled or roughened			
RESTROOMS - also see Doors and Vestibules			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
5 ft turning space measured 12" from the floor			
At least one Sink:			
THERE ARE NO RESTROOM FACILITIES ON SITE.			
Clear floor space of 30" by 48" to allow a forward approach			
Mounted without pedestal or legs, height 34" to top of rim			
Extends at least 22" from the wall			
Open knee space a minimum 19" deep, 30" width, and 27" high			
Cover exposed pipes with insulation			
Faucets operable with closed fist (lever or spring activated handle)			
At least one Stall:			
THERE ARE NO RESTROOM FACILITIES ON SITE.			
Accessible to person using wheelchair at 60" wide by 72" deep			
Stall door is 36" wide			
Stall door swings out			
Stall door is self closing			
Stall door has a pull latch			
Lock on stall door is operable with a closed fist, and 32" above the floor			
Coat hook is 54" high			
Toilet			
THERE ARE NO RESTROOM FACILITIES ON SITE.			
18" from center to nearest side wall			
42" minimum clear space from center to farthest wall or fixture			
Top of seat 17"-19" above the floor			
Grab Bars			
On back and side wall closest to toilet			
$1\frac{1}{4}$ " diameter			
$1\frac{1}{2}$ " clearance to wall			
Located 30" above and parallel to the floor			
Acid-etched or roughened surface			
42" long			

Facility Inventory LOCATION: BEECHING AVE. CONSERVATION SUBDIV., WILMINGTON

<i>Fixtures</i>			
THERE ARE NO RESTROOM FACILITIES ON SITE.			
Toilet paper dispenser is 24" above floor			
One mirror set a maximum 38" to bottom (if tilted, 42")			
Dispensers (towel, soap, etc) at least one of each a maximum 42" above the floor			
FLOORS, DRINKING FOUNTAINS, TELEPHONES			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
<i>Floors</i>			
THERE ARE NO BUILDINGS NOR FLOORS ON SITE.			
Non-slip surface			
Carpeting is high-density, low pile, non-absorbent, stretched taut, securely anchored			
Corridor width minimum is 3 ft			
Objects (signs, ceiling lights, fixtures) can only protrude 4" into the path of travel from a height of 27" to 80" above the floor			
<i>Drinking Fountains</i>			
THERE ARE NO DRINKING FOUNTAINS ON SITE.			
Spouts no higher than 36" from floor to outlet			
Hand operated push button or level controls			
Spouts located near front with stream of water as parallel to front as possible			
If recessed, recess a minimum 30" width, and no deeper than depth of fountain			
If no clear knee space underneath, clear floor space 30" x 48" to allow parallel approach			
<i>Telephones</i>			
THERE ARE NO TELEPHONES ON SITE.			
Highest operating part a maximum 54" above the floor			
Access within 12" of phone, 30" high by 30" wide			
Adjustable volume control on headset so identified			
SIGNS, SIGNALS, AND SWITCHES			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
<i>Switches, Controls and Signs</i>			
Switches and controls for light, heat, ventilation, windows, fire alarms, thermostats, etc, must be a minimum of 36" and a maximum of 48" above the floor for a forward reach, a maximum of 54" for a side reach			
Electrical outlets centered no lower than 18" above the floor			
Warning signals must be visual as well as audible			
<i>Signs</i>			
Mounting height must be 60" to centerline of the sign			
Within 18" of door jamb or recessed			
Letters and numbers a t least 1½" high			
Letters and numbers raised .03"			
Letters and numbers contrast with the background color			

NOTES: THE ONLY SIGNS ARE USED TO DEMARCATE WILMINGTON OPEN SPACE.

Facility Inventory LOCATION: BEECHING AVE. CONSERVATION SUBDIV., WILMINGTON

SWIMMING POOLS - accessibility can be via ramp, lifting device, or transfer area				
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>	
Ramp at least 34" wide with a non-slip surface extending into the shallow end, slope not exceeding 1:6 with handrails on both sides			THERE ARE NO SWIMMING FACILITIES ON SITE	
Lifting device				
Transfer area 18" above the path of travel and a minimum of 18" wide				
Unobstructed path of travel not less than 48" wide around pool				
Non-slip surface				
SHOWER ROOMS - Showers must accommodate both wheel-in and transfer use				
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>	
Stalls 36" by 60" minimum, with a 36" door opening			THERE ARE NO SHOWER FACILITIES ON SITE.	
Floors are pitched to drain the stall at the corner farthest from entrance				
Floors are non-slip surface				
Controls operate by a single lever with a pressure balance mixing valve				
Controls are located on the center wall adjacent to the hinged seat				
Shower heads attached to a flexible metal hose				
Shower heads attached to wall mounting adjustable from 42" to 72" above the floor				
Seat is hinged and padded and at least 16" deep, folds upward, securely attached to side wall, height is 18" to the top of the seat, and at least 24" long				
Soap trays without handhold features unless they can support 250 pounds				
2 grab bars are provided, one 30" and one 48" long, or one continuous L shaped bar				
Grab bars are placed horizontally at 36" above the floor line				
PICNICKING				
<i>Specification</i>	<i>Yes</i>	<i>No</i>		<i>Comments/Transition Notes</i>
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access				THERE ARE NO PICNIC FACILITIES ON SITE.
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.				
Top of table no higher than 32" above ground				
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions				
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter				

Facility Inventory
LOCATION: Blanchard Road (plus a number of nearby parcels)

ACTIVITY	EQUIPMENT	NOTES
Picnic Facilities <i>none</i>	Tables & Benches	Located adjacent to accessible paths
		Access to Open Spaces
		Back and Arm Rests
		Adequate number
	Grills	Height of Cooking Surface
	Trash Cans	Located adjacent to accessible paths
		Located adjacent to accessible paths
Trails		Located adjacent to accessible paths
		Located near accessible water fountains, trash can, restroom, parking, etc.
		Surface material <i>dirt</i>
		Dimensions <i>variable 3-5'</i>
Swimming Facilities <i>none</i>	Pools	Rails <i>none</i>
		Signage (for visually impaired) (<i>see sign section below</i>)
		Entrance
	Beaches	Location from accessible parking
		Safety features i.e. warning for visually impaired
		Location from accessible path into water
		Handrails
Play Areas (tot lots) <i>none</i>	All Play Equipment i.e. swings, slides	Location from accessible parking
		Shade provided
	Access Routes	Same experience provided to all
Game Areas: *ballfield *basketball *tennis <i>none</i>	Access Routes	Located adjacent to accessible paths
		Enough space between equipment for wheelchair
	Equipment	Berm cuts onto courts
		Height
		Dimensions
Boat Docks <i>none</i>	Access Routes	Spectator Seating
		Located adjacent to accessible paths
		Handrails
Fishing Facilities <i>none</i>	Access Routes	Located adjacent to accessible paths
		Handrails
	Equipment	Arm Rests
		Bait Shelves
		Handrails
Programming <i>none</i>	Are special programs at your facilities accessible?	Fish Cleaning Tables
		Learn-to-Swim
		Guided Hikes
Services and Technical Assistance*		Interpretive Programs
		Information available in alternative formats i.e. for visually impaired
		Process to request interpretive services (i.e. sign language interpreter) for meetings

Facility Inventory
LOCATION: Blanchard Road (plus a number of nearby parcels)

PARKING at the edge of the cul-de-sac, none are marked; curb so could go to nearby driveway slope & use sidewalk; trail is off sidewalk			
<i>Total Spaces</i>		<i>Required Accessible Spaces</i>	
Up to 25 x		1 space	
26-50		2 spaces	
51-75		3 spaces	
76-100		4 spaces	
101-150		5 spaces	
151-200		6 spaces	
201-300		7 spaces	
301-400		8 spaces	
401-500		9 spaces	
<i>Specification for Accessible Spaces</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Accessible space located closest to accessible entrance (no building so no accessible entry)			
Where spaces cannot be located within 200 ft of accessible entrance, drop-off area is provided within 100 ft.			
Minimum width of 13 ft includes 8 ft space plus 5 ft access aisle			
Van space - minimum of 1 van space for every accessible space, 8 ft wide plus 8 ft aisle. Alternative is to make all accessible spaces 11 ft wide with 5 ft aisle.			
Sign with international symbol of accessibility at each space or pair of spaces			No sign
Sign minimum 5 ft, maximum 8 ft to top of sign			
Surface evenly paved or hard-packed (no cracks)	x		
Surface slope less than 1:20, 5%	x		
Curbscut to pathway from parking lot at each space or pair of spaces, if sidewalk (curb) is present		x	
Curbscut is a minimum width of 3 ft, excluding sloped sides, has sloped sides, all slopes not to exceed 1:12, and textured or painted yellow		x	
RAMPS (none)			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Slope Maximum 1:12			
Minimum width 4 ft between handrails			
Handrails on both sides if ramp is longer than 6 ft			
Handrails at 34" and 19" from ramp surface			
Handrails extend 12" beyond top and bottom			
Handgrip oval or round			
Handgrip smooth surface			
Handgrip diameter between 1½" and 2"			
Clearance of 1½" between wall and wall rail			
Non-slip surface			
Level platforms (4ft x 4 ft) at every 30 ft, at top, at bottom, at change of direction			
SITE ACCESS, PATH OF TRAVEL, ENTRANCES			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Site Access (no building so no accessible entry)			
Accessible path of travel from passenger disembarking area and parking area to accessible entrance			
Disembarking area at accessible entrance			
Surface evenly paved or hard-packed			

Facility Inventory
LOCATION: Blanchard Road (plus a number of nearby parcels)

No ponding of water			
Path of Travel			
Path does not require the use of stairs	x		
Path is stable, firm and slip resistant	x		<i>Dirt with leaf cover so can be slippery</i>
3 ft wide minimum			
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50).			
Continuous common surface, no changes in level greater than $\frac{1}{2}$ inch		x	
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane			<i>Shrubs and trees can protrude - need to trim back periodically</i>
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"			<i>(no walls)</i>
Curb on the pathway must have curb cuts at drives, parking and drop-offs			<i>Breaks in curb for driveways that could be used as access to sidewalk</i>
Entrances (no building so no accessible entry)			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and <i>not</i> be the service entrance			
Level space extending 5 ft. from the door, interior and exterior of entrance doors			
Minimum 32" clear width opening (i.e. 36" door with standard hinge)			
At least 18" clear floor area on latch, pull side of door			
Door handle no higher than 48" and operable with a closed fist			
Vestibule is 4 ft plus the width of the door swinging into the space			
Entrance(s) on a level that makes elevators accessible			
Door mats less than $\frac{1}{2}$ " thick are securely fastened			
Door mats more than $\frac{1}{2}$ " thick are recessed			
Grates in path of travel have openings of $\frac{1}{2}$ " maximum			
Signs at non-accessible entrance(s) indicate direction to accessible entrance			
Emergency egress - alarms with flashing lights and audible signals, sufficiently lighted			
STAIRS and DOORS (none)			
Specification	Yes	No	Comments/Transition Notes
Stairs (none)			
No open risers			
Nosings not projecting			
Treads no less than 11" wide			
Handrails on both sides			
Handrails 34"-38" above tread			
Handrail extends a minimum of 1 ft beyond top and bottom riser (if no safety hazard and space permits)			
Handgrip oval or round			
Handgrip has a smooth surface			
Handgrip diameter between $1\frac{1}{4}$ " and $1\frac{1}{2}$ "			
$1\frac{1}{2}$ " clearance between wall and handrail			
Doors (none)			

Facility Inventory
LOCATION: Blanchard Road (plus a number of nearby parcels)

Minimum 32" clear opening			
At least 18" clear floor space on pull side of door			
Closing speed minimum 3 seconds to within 3" of the latch			
Maximum pressure 5 pounds interior doors			
Threshold maximum $\frac{1}{2}$ " high, beveled on both sides			
Hardware operable with a closed fist (no conventional door knobs or thumb latch devices)			
Hardware minimum 36", maximum 48" above the floor			
Clear, level floor space extends out 5 ft from both sides of the door			
Door adjacent to revolving door is accessible and unlocked			
Doors opening into hazardous area have hardware that is knurled or roughened			
RESTROOMS - also see Doors and Vestibules (none)			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
5 ft turning space measured 12" from the floor			
At least one Sink: (none)			
Clear floor space of 30" by 48" to allow a forward approach			
Mounted without pedestal or legs, height 34" to top of rim			
Extends at least 22" from the wall			
Open knee space a minimum 19" deep, 30" width, and 27" high			
Cover exposed pipes with insulation			
Faucets operable with closed fist (lever or spring activated handle)			
At least one Stall: (none)			
Accessible to person using wheelchair at 60" wide by 72" deep			
Stall door is 36" wide			
Stall door swings out			
Stall door is self closing			
Stall door has a pull latch			
Lock on stall door is operable with a closed fist, and 32" above the floor			
Coat hook is 54" high			
Toilet (none)			
18" from center to nearest side wall			
42" minimum clear space from center to farthest wall or fixture			
Top of seat 17"-19" above the floor			
Grab Bars (none)			
On back and side wall closest to toilet			
$1\frac{1}{4}$ " diameter			
$1\frac{1}{2}$ " clearance to wall			
Located 30" above and parallel to the floor			
Acid-etched or roughened surface			
42" long			
Fixtures			
Toilet paper dispenser is 24" above floor			
One mirror set a maximum 38" to bottom (if tilted, 42")			
Dispensers (towel, soap, etc) at least one of each a			

Facility Inventory
LOCATION: Blanchard Road (plus a number of nearby parcels)

maximum 42" above the floor			
FLOORS, DRINKING FOUNTAINS, TELEPHONES (none)			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Floors (none)			
Non-slip surface			
Carpeting is high-density, low pile, non-absorbent, stretched taut, securely anchored			
Corridor width minimum is 3 ft			
Objects (signs, ceiling lights, fixtures) can only protrude 4" into the path of travel from a height of 27" to 80" above the floor			
Drinking Fountains (none)			
Spouts no higher than 36" from floor to outlet			
Hand operated push button or level controls			
Spouts located near front with stream of water as parallel to front as possible			
If recessed, recess a minimum 30" width, and no deeper than depth of fountain			
If no clear knee space underneath, clear floor space 30" x 48" to allow parallel approach			
Telephones (none)			
Highest operating part a maximum 54" above the floor			
Access within 12" of phone, 30" high by 30" wide			
Adjustable volume control on headset so identified			
SIGNS, SIGNALS, AND SWITCHES (no signals and switches)			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Switches, Controls and Signs			
Switches and controls for light, heat, ventilation, windows, fire alarms, thermostats, etc, must be a minimum of 36" and a maximum of 48" above the floor for a forward reach, a maximum of 54" for a side reach			(none)
Electrical outlets centered no lower than 18" above the floor			(none)
Warning signals must be visual as well as audible			(none)
Signs (wooden sign at entrance has routed letters)			
Mounting height must be 60" to centerline of the sign			
Within 18" of door jamb or recessed			
Letters and numbers at least 1½" high	x		
Letters and numbers raised .03"		x	Routed out so recessed
Letters and numbers contrast with the background color	x		
SWIMMING POOLS - accessibility can be via ramp, lifting device, or transfer area (none)			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Ramp at least 34" wide with a non-slip surface extending into the shallow end, slope not exceeding 1:6 with handrails on both sides			
Lifting device			
Transfer area 18" above the path of travel and a minimum of 18" wide			
Unobstructed path of travel not less than 48" wide around pool			
Non-slip surface			

Facility Inventory
LOCATION: Blanchard Road (plus a number of nearby parcels)

SHOWER ROOMS - Showers must accommodate both wheel-in and transfer use (<i>none</i>)			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Stalls 36" by 60" minimum, with a 36" door opening			
Floors are pitched to drain the stall at the corner farthest from entrance			
Floors are non-slip surface			
Controls operate by a single lever with a pressure balance mixing valve			
Controls are located on the center wall adjacent to the hinged seat			
Shower heads attached to a flexible metal hose			
Shower heads attached to wall mounting adjustable from 42" to 72" above the floor			
Seat is hinged and padded and at least 16" deep, folds upward, securely attached to side wall, height is 18" to the top of the seat, and at least 24" long			
Soap trays without handhold features unless they can support 250 pounds			
2 grab bars are provided, one 30" and one 48" long, or one continuous L shaped bar			
Grab bars are placed horizontally at 36" above the floor line			
PICNICKING <i>n.a.</i> (no facilities - could picnic on the ground)			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access			
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.			
Top of table no higher than 32" above ground			
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions			
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter			

Facility Inventory **LOCATION: BROOKFIELD ESTATES CSD (ASHWOOD AVE.), WILMINGTON**

ACTIVITY	EQUIPMENT	NOTES
Picnic Facilities N / A	Tables & Benches	Located adjacent to accessible paths
		Access to Open Spaces
		Back and Arm Rests
		Adequate number
	Grills	Height of Cooking Surface
	Trash Cans	Located adjacent to accessible paths
		Located adjacent to accessible paths
	Picnic Shelters	Located near accessible water fountains, trash can, restroom, parking, etc.
Trails		Surface material Mix Stone Dust / Pea Stone
		Dimensions 5 Feet
		Rails NONE
		Signage (for visually impaired) NONE
Swimming Facilities N / A	Pools	Entrance
		Location from accessible parking
		Safety features i.e. warning for visually impaired
	Beaches	Location from accessible path into water
		Handrails
		Location from accessible parking
Play Areas (tot lots) N / A	All Play Equipment i.e. swings, slides	Same experience provided to all
	Access Routes	Located adjacent to accessible paths
		Enough space between equipment for wheelchair
Game Areas: *ballfield *basketball *tennis N / A	Access Routes	Located adjacent to accessible paths
		Berm cuts onto courts
	Equipment	Height
		Dimensions
		Spectator Seating
Boat Docks N / A	Access Routes	Located adjacent to accessible paths
		Handrails
Fishing Facilities N / A	Access Routes	Located adjacent to accessible paths
		Handrails
	Equipment	Arm Rests
		Bait Shelves
		Handrails
Programming N / A	Are special programs at your facilities accessible?	Fish Cleaning Tables
		Learn-to-Swim
		Guided Hikes
Services and Technical Assistance N / A		Interpretive Programs
		Information available in alternative formats i.e. for visually impaired
		Process to request interpretive services (i.e. sign language interpreter) for meetings

Facility Inventory **LOCATION: BROOKFIELD ESTATES CSD (ASHWOOD AVE.), WILMINGTON**

PARKING			
<i>Total Spaces</i>	FOUR (4) PARKING SPACES		<i>Required Accessible Spaces</i>
Up to 25			1 space
26-50			2 spaces
51-75			3 spaces
76-100			4 spaces
101-150			5 spaces
151-200			6 spaces
201-300			7 spaces
301-400			8 spaces
401-500			9 spaces
<i>Specification for Accessible Spaces</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Accessible space located closest to accessible entrance	X		
Where spaces cannot be located within 200 ft of accessible entrance, drop-off area is provided within 100 ft.	X		
Minimum width of 13 ft includes 8 ft space plus 5 ft access aisle		X	
Van space - minimum of 1 van space for every accessible space, 8 ft wide plus 8 ft aisle. Alternative is to make all accessible spaces 11 ft wide with 5 ft aisle.		X	
Sign with international symbol of accessibility at each space or pair of spaces		X	
Sign minimum 5 ft, maximum 8 ft to top of sign		X	
Surface evenly paved or hard-packed (no cracks)	X		
Surface slope less than 1:20, 5%	X		
Curbside to pathway from parking lot at each space or pair of spaces, if sidewalk (curb) is present	X		
Curbside is a minimum width of 3 ft, excluding sloped sides, has sloped sides, all slopes not to exceed 1:12, and textured or painted yellow	X		
RAMPS			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Slope Maximum 1:12			THERE ARE NO RAMPS ON SITE.
Minimum width 4 ft between handrails			
Handrails on both sides if ramp is longer than 6 ft			
Handrails at 34" and 19" from ramp surface			
Handrails extend 12" beyond top and bottom			
Handgrip oval or round			
Handgrip smooth surface			
Handgrip diameter between 1½" and 2"			
Clearance of 1½" between wall and wall rail			
Non-slip surface			
Level platforms (4ft x 4 ft) at every 30 ft, at top, at bottom, at change of direction			

Facility Inventory **LOCATION: BROOKFIELD ESTATES CSD (ASHWOOD AVE.), WILMINGTON**

SITE ACCESS, PATH OF TRAVEL, ENTRANCES			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Site Access			
Accessible path of travel from passenger disembarking area and parking area to accessible entrance	X		
Disembarking area at accessible entrance	X		
Surface evenly paved or hard-packed	X		
No ponding of water	X		
Path of Travel			
Path does not require the use of stairs	X		
Path is stable, firm and slip resistant	X		
3 ft wide minimum	X		
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50).	X		
Continuous common surface, no changes in level greater than $\frac{1}{2}$ inch	X		
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane	X		
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"	X		
Curb on the pathway must have curb cuts at drives, parking and drop-offs	X		
Entrances			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and <i>not</i> be the service entrance	X		
Level space extending 5 ft. from the door, interior and exterior of entrance doors			
Minimum 32" clear width opening (i.e. 36" door with standard hinge)			
At least 18" clear floor area on latch, pull side of door			
Door handle no higher than 48" and operable with a closed fist			
Vestibule is 4 ft plus the width of the door swinging into the space			
Entrance(s) on a level that makes elevators accessible			
Door mats less than $\frac{1}{2}$ " thick are securely fastened			
Door mats more than $\frac{1}{2}$ " thick are recessed			
Grates in path of travel have openings of $\frac{1}{2}$ " maximum			
Signs at non-accessible entrance(s) indicate direction to accessible entrance			
Emergency egress - alarms with flashing lights and audible signals, sufficiently lighted			
STAIRS and DOORS			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Stairs			
THERE ARE NO STAIRS ON SITE.			
No open risers			
Nosings not projecting			
Treads no less than 11" wide			

Facility Inventory LOCATION: BROOKFIELD ESTATES CSD (ASHWOOD AVE.), WILMINGTON

Handrails on both sides			
Handrails 34"-38" above tread			
Handrail extends a minimum of 1 ft beyond top and bottom riser (if no safety hazard and space permits)			
Handgrip oval or round			
Handgrip has a smooth surface			
Handgrip diameter between 1½" and 1¾"			
1½" clearance between wall and handrail			
Doors			
THERE ARE NO BUILDINGS NOR DOORS ON SITE.			
Minimum 32" clear opening			
At least 18" clear floor space on pull side of door			
Closing speed minimum 3 seconds to within 3" of the latch			
Maximum pressure 5 pounds interior doors			
Threshold maximum ½" high, beveled on both sides			
Hardware operable with a closed fist (no conventional door knobs or thumb latch devices)			
Hardware minimum 36", maximum 48" above the floor			
Clear, level floor space extends out 5 ft from both sides of the door			
Door adjacent to revolving door is accessible and unlocked			
Doors opening into hazardous area have hardware that is knurled or roughened			
RESTROOMS - also see Doors and Vestibules			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
5 ft turning space measured 12" from the floor			
At least one Sink:			
THERE ARE NO SINKS NOR RESTROOMS ON SITE.			
Clear floor space of 30" by 48" to allow a forward approach			
Mounted without pedestal or legs, height 34" to top of rim			
Extends at least 22" from the wall			
Open knee space a minimum 19" deep, 30" width, and 27" high			
Cover exposed pipes with insulation			
Faucets operable with closed fist (lever or spring activated handle)			
At least one Stall:			
Accessible to person using wheelchair at 60" wide by 72" deep			
Stall door is 36" wide			
Stall door swings out			
Stall door is self closing			
Stall door has a pull latch			
Lock on stall door is operable with a closed fist, and 32" above the floor			
Coat hook is 54" high			
Toilet			
THERE ARE NO TOILET FACILITIES ON SITE.			
18" from center to nearest side wall			
42" minimum clear space from center to farthest wall or fixture			

Facility Inventory **LOCATION: BROOKFIELD ESTATES CSD (ASHWOOD AVE.), WILMINGTON**

Top of seat 17"-19" above the floor			
Grab Bars			
On back and side wall closest to toilet			
1¼" diameter			
1½" clearance to wall			
Located 30" above and parallel to the floor			
Acid-etched or roughened surface			
42" long			
Fixtures			
Toilet paper dispenser is 24" above floor			
One mirror set a maximum 38" to bottom (if tilted, 42")			
Dispensers (towel, soap, etc) at least one of each a maximum 42" above the floor			
FLOORS, DRINKING FOUNTAINS, TELEPHONES			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Floors			
THERE ARE NO FLOORS ON SITE.			
Non-slip surface			
Carpeting is high-density, low pile, non-absorbent, stretched taut, securely anchored			
Corridor width minimum is 3 ft			
Objects (signs, ceiling lights, fixtures) can only protrude 4" into the path of travel from a height of 27" to 80" above the floor			
Drinking Fountains			
THERE ARE NO DRINKING FOUNTAIN FACILITIES ON SITE.			
Spouts no higher than 36" from floor to outlet			
Hand operated push button or level controls			
Spouts located near front with stream of water as parallel to front as possible			
If recessed, recess a minimum 30" width, and no deeper than depth of fountain			
If no clear knee space underneath, clear floor space 30" x 48" to allow parallel approach			
Telephones			
Highest operating part a maximum 54" above the floor			THERE ARE NO TELEPHONE FACILITIES ON SITE.
Access within 12" of phone, 30" high by 30" wide			
Adjustable volume control on headset so identified			
SIGNS, SIGNALS, AND SWITCHES			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Switches, Controls and Signs			
Switches and controls for light, heat, ventilation, windows, fire alarms, thermostats, etc, must be a minimum of 36" and a maximum of 48" above the floor for a forward reach, a maximum of 54" for a side reach			THERE ARE NO SIGNS, SIGNALS AND SWITCHES ON SITE.
Electrical outlets centered no lower than 18" above the floor			
Warning signals must be visual as well as audible			
Signs			
Mounting height must be 60" to centerline of the sign			
Within 18" of door jamb or recessed			
Letters and numbers a t least 1½" high			
Letters and numbers raised .03"			

Facility Inventory **LOCATION: BROOKFIELD ESTATES CSD (ASHWOOD AVE.), WILMINGTON**

Letters and numbers contrast with the background color			
SWIMMING POOLS - accessibility can be via ramp, lifting device, or transfer area			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Ramp at least 34" wide with a non-slip surface extending into the shallow end, slope not exceeding 1:6 with handrails on both sides			THERE ARE NO SWIMMING FACILITIES ON SITE.
Lifting device			
Transfer area 18" above the path of travel and a minimum of 18" wide			
Unobstructed path of travel not less than 48" wide around pool			
Non-slip surface			
SHOWER ROOMS - Showers must accommodate both wheel-in and transfer use			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Stalls 36" by 60" minimum, with a 36" door opening			THERE ARE NO SHOWER FACILITIES ON SITE.
Floors are pitched to drain the stall at the corner farthest from entrance			
Floors are non-slip surface			
Controls operate by a single lever with a pressure balance mixing valve			
Controls are located on the center wall adjacent to the hinged seat			
Shower heads attached to a flexible metal hose			
Shower heads attached to wall mounting adjustable from 42" to 72" above the floor			
Seat is hinged and padded and at least 16" deep, folds upward, securely attached to side wall, height is 18" to the top of the seat, and at least 24" long			
Soap trays without handhold features unless they can support 250 pounds			
2 grab bars are provided, one 30" and one 48" long, or one continuous L shaped bar			
Grab bars are placed horizontally at 36" above the floor line			
PICNICKING			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access			THERE ARE NO PICNIC FACILITIES ON SITE.
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.			
Top of table no higher than 32" above ground			
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions			
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter			

Facility Inventory
LOCATION: Glen Road Berry Bog (Glen Road next to Town Hall)

ACTIVITY	EQUIPMENT	NOTES
Picnic Facilities <i>None (are in adjacent Town Hall land and Robert Palmer Park)</i>	Tables & Benches	Located adjacent to accessible paths
		Access to Open Spaces
		Back and Arm Rests
		Adequate number
	Grills	Height of Cooking Surface
	Trash Cans	Located adjacent to accessible paths
		Located adjacent to accessible paths
		Located near accessible water fountains, trash can, restroom, parking, etc.
Trails	<i>(trails connect to trail around ballfield at Palmer Park and to a few roads)</i>	Surface material <i>dirt, wooden foot bridge</i>
		Dimensions <i>varies 2' to 10', bridge 54" + 2-4" side edges</i>
		Rails <i>(no hand rails, has 4" high side edges-or rails)</i>
		Signage (for visually impaired) <i>(none)</i>
Swimming Facilities <i>none</i>	Pools	Entrance
		Location from accessible parking
		Safety features i.e. warning for visually impaired
	Beaches	Location from accessible path into water
		Handrails
		Location from accessible parking
Play Areas (tot lots) <i>none (at adjacent park)</i>	All Play Equipment i.e. swings, slides	Same experience provided to all
	Access Routes	Located adjacent to accessible paths
		Enough space between equipment for wheelchair
Game Areas: <i>none</i> *ballfield *basketball *tennis	Access Routes	Located adjacent to accessible paths
		Berm cuts onto courts
	Equipment	Height
		Dimensions
		Spectator Seating
Boat Docks <i>none</i>	Access Routes	Located adjacent to accessible paths
		Handrails
Fishing Facilities <i>none</i>	Access Routes	Located adjacent to accessible paths
		Handrails
	Equipment	Arm Rests
		Bait Shelves
		Handrails
Programming <i>None at this time</i>	Are special programs at your facilities accessible?	Fish Cleaning Tables
		Learn-to-Swim
		Guided Hikes
Services and Technical Assistance*		Interpretive Programs
		Information available in alternative formats i.e. for visually impaired
		Process to request interpretive services (i.e. sign language interpreter) for meetings

Facility Inventory **LOCATION: Glen Road Berry Bog (Glen Road next to Town Hall)**

PARKING available at adjacent Town Hall so will not be evaluated here (see Robert Palmer Park)			
<i>Total Spaces</i>		<i>Required Accessible Spaces</i>	
Up to 25		1 space	
26-50		2 spaces	
51-75		3 spaces	
76-100		4 spaces	
101-150		5 spaces	
151-200		6 spaces	
201-300		7 spaces	
301-400		8 spaces	
401-500		9 spaces	
<i>Specification for Accessible Spaces</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Accessible space located closest to accessible entrance			Yes for Town Hall, but not at the trail heads
Where spaces cannot be located within 200 ft of accessible entrance, drop-off area is provided within 100 ft.			
Minimum width of 13 ft includes 8 ft space plus 5 ft access aisle			
Van space - minimum of 1 van space for every accessible space, 8 ft wide plus 8 ft aisle. Alternative is to make all accessible spaces 11 ft wide with 5 ft aisle.			
Sign with international symbol of accessibility at each space or pair of spaces			
Sign minimum 5 ft, maximum 8 ft to top of sign			
Surface evenly paved or hard-packed (no cracks)			
Surface slope less than 1:20, 5%			
Curbscut to pathway from parking lot at each space or pair of spaces, if sidewalk (curb) is present			
Curbscut is a minimum width of 3 ft, excluding sloped sides, has sloped sides, all slopes not to exceed 1:12, and textured or painted yellow			
RAMPS (none)			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Slope Maximum 1:12			
Minimum width 4 ft between handrails			
Handrails on both sides if ramp is longer than 6 ft			
Handrails at 34" and 19" from ramp surface			
Handrails extend 12" beyond top and bottom			
Handgrip oval or round			
Handgrip smooth surface			
Handgrip diameter between 1¼" and 2"			
Clearance of 1½" between wall and wall rail			
Non-slip surface			
Level platforms (4ft x 4 ft) at every 30 ft, at top, at bottom, at change of direction			

Facility Inventory **LOCATION: Glen Road Berry Bog (Glen Road next to Town Hall)**

SITE ACCESS, PATH OF TRAVEL, ENTRANCES			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Site Access (no buildings so no accessible entry; trail is reached from paved parking lot)			
Accessible path of travel from passenger disembarking area and parking area to accessible entrance			
Disembarking area at accessible entrance			
Surface evenly paved or hard-packed			
No ponding of water			
Path of Travel (no buildings) is dirt path and wood foot bridge over Lubbers Brook			
Path does not require the use of stairs	x		
Path is stable, firm and slip resistant			<i>Dirt path with rocks and roots, pine needles</i>
3 ft wide minimum		x	<i>Variable width</i>
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50).		x	
Continuous common surface, no changes in level greater than $\frac{1}{2}$ inch		x	
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane			<i>Shrubs and trees need to be trimmed back periodically</i>
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"			<i>N.A.</i>
Curb on the pathway must have curb cuts at drives, parking and drop-offs			<i>(no curbs)</i>
Entrances N.A. (no building so no accessible entry)			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and <i>not</i> be the service entrance			
Level space extending 5 ft. from the door, interior and exterior of entrance doors			
Minimum 32" clear width opening (i.e. 36" door with standard hinge)			
At least 18" clear floor area on latch, pull side of door			
Door handle no higher than 48" and operable with a closed fist			
Vestibule is 4 ft plus the width of the door swinging into the space			
Entrance(s) on a level that makes elevators accessible			
Door mats less than $\frac{1}{2}$ " thick are securely fastened			
Door mats more than $\frac{1}{2}$ " thick are recessed			
Grates in path of travel have openings of $\frac{1}{2}$ " maximum			
Signs at non-accessible entrance(s) indicate direction to accessible entrance			
Emergency egress - alarms with flashing lights and audible signals, sufficiently lighted			
STAIRS and DOORS (none)			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Stairs (none)			
No open risers			
Nosings not projecting			
Treads no less than 11" wide			
Handrails on both sides			
Handrails 34"-38" above tread			

Facility Inventory **LOCATION: Glen Road Berry Bog (Glen Road next to Town Hall)**

Handrail extends a minimum of 1 ft beyond top and bottom riser (if no safety hazard and space permits)			
Handgrip oval or round			
Handgrip has a smooth surface			
Handgrip diameter between 1 $\frac{1}{4}$ " and 1 $\frac{1}{2}$ "			
1 $\frac{1}{2}$ " clearance between wall and handrail			
Doors (none)			
Minimum 32" clear opening			
At least 18" clear floor space on pull side of door			
Closing speed minimum 3 seconds to within 3" of the latch			
Maximum pressure 5 pounds interior doors			
Threshold maximum $\frac{1}{2}$ " high, beveled on both sides			
Hardware operable with a closed fist (no conventional door knobs or thumb latch devices)			
Hardware minimum 36", maximum 48" above the floor			
Clear, level floor space extends out 5 ft from both sides of the door			
Door adjacent to revolving door is accessible and unlocked			
Doors opening into hazardous area have hardware that is knurled or roughened			
RESTROOMS - also see Doors and Vestibules (none except at adjacent Town Hall and park)			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
5 ft turning space measured 12" from the floor			
At least one Sink: (none)			
Clear floor space of 30" by 48" to allow a forward approach			
Mounted without pedestal or legs, height 34" to top of rim			
Extends at least 22" from the wall			
Open knee space a minimum 19" deep, 30" width, and 27" high			
Cover exposed pipes with insulation			
Faucets operable with closed fist (lever or spring activated handle)			
At least one Stall: (none)			
Accessible to person using wheelchair at 60" wide by 72" deep			
Stall door is 36" wide			
Stall door swings out			
Stall door is self closing			
Stall door has a pull latch			
Lock on stall door is operable with a closed fist, and 32" above the floor			
Coat hook is 54" high			
Toilet (none)			
18" from center to nearest side wall			
42" minimum clear space from center to farthest wall or fixture			
Top of seat 17"-19" above the floor			
Grab Bars (none)			
On back and side wall closest to toilet			
1 $\frac{1}{4}$ " diameter			
1 $\frac{1}{2}$ " clearance to wall			

Facility Inventory **LOCATION: Glen Road Berry Bog (Glen Road next to Town Hall)**

Located 30" above and parallel to the floor			
Acid-etched or roughened surface			
42" long			
Fixtures (none)			
Toilet paper dispenser is 24" above floor			
One mirror set a maximum 38" to bottom (if tilted, 42")			
Dispensers (towel, soap, etc) at least one of each a maximum 42" above the floor			
FLOORS, DRINKING FOUNTAINS, TELEPHONES (none)			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Floors (none)			
Non-slip surface			
Carpeting is high-density, low pile, non-absorbent, stretched taut, securely anchored			
Corridor width minimum is 3 ft			
Objects (signs, ceiling lights, fixtures) can only protrude 4" into the path of travel from a height of 27" to 80" above the floor			
Drinking Fountains (none)			
Spouts no higher than 36" from floor to outlet			
Hand operated push button or level controls			
Spouts located near front with stream of water as parallel to front as possible			
If recessed, recess a minimum 30" width, and no deeper than depth of fountain			
If no clear knee space underneath, clear floor space 30" x 48" to allow parallel approach			
Telephones (none)			
Highest operating part a maximum 54" above the floor			
Access within 12" of phone, 30" high by 30" wide			
Adjustable volume control on headset so identified			
SIGNS, SIGNALS, AND SWITCHES (none)			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Switches, Controls and Signs (none)			
Switches and controls for light, heat, ventilation, windows, fire alarms, thermostats, etc, must be a minimum of 36" and a maximum of 48" above the floor for a forward reach, a maximum of 54" for a side reach			
Electrical outlets centered no lower than 18" above the floor			
Warning signals must be visual as well as audible			
Signs (none)			
Mounting height must be 60" to centerline of the sign			
Within 18" of door jamb or recessed			
Letters and numbers at least 1½" high			
Letters and numbers raised .03"			
Letters and numbers contrast with the background color			
SWIMMING POOLS - accessibility can be via ramp, lifting device, or transfer area (none)			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Ramp at least 34" wide with a non-slip surface extending into the shallow end, slope not exceeding 1:6 with handrails on both sides			

Facility Inventory **LOCATION: Glen Road Berry Bog (Glen Road next to Town Hall)**

Lifting device			
Transfer area 18" above the path of travel and a minimum of 18" wide			
Unobstructed path of travel not less than 48" wide around pool			
Non-slip surface			
SHOWER ROOMS - Showers must accommodate both wheel-in and transfer use (none)			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Stalls 36" by 60" minimum, with a 36" door opening			
Floors are pitched to drain the stall at the corner farthest from entrance			
Floors are non-slip surface			
Controls operate by a single lever with a pressure balance mixing valve			
Controls are located on the center wall adjacent to the hinged seat			
Shower heads attached to a flexible metal hose			
Shower heads attached to wall mounting adjustable from 42" to 72" above the floor			
Seat is hinged and padded and at least 16" deep, folds upward, securely attached to side wall, height is 18" to the top of the seat, and at least 24" long			
Soap trays without handhold features unless they can support 250 pounds			
2 grab bars are provided, one 30" and one 48" long, or one continuous L shaped bar			
Grab bars are placed horizontally at 36" above the floor line			
PICNICKING could picnic on the ground - no facilities (picnic facilities on adjacent Town Hall and park land)			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access			
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.			
Top of table no higher than 32" above ground			
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions			
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter			

Facility Inventory

LOCATION: Hathaway Acres (Hathaway Rd., Draper Dr., Evans Dr., Charlotte Rd., Marie Dr., Salem St.)

ACTIVITY	EQUIPMENT	NOTES
Picnic Facilities <i>(none)</i>	Tables & Benches	Located adjacent to accessible paths
		Access to Open Spaces
		Back and Arm Rests
		Adequate number
	Grills	Height of Cooking Surface
	Trash Cans	Located adjacent to accessible paths
		Located adjacent to accessible paths
		Located near accessible water fountains, trash can, restroom, parking, etc.
Trails		Surface material <i>dirt, uneven surface with rocks and roots</i>
		Dimensions <i>varies, mostly 2'-4' wide</i>
		Rails <i>none</i>
		Signage (for visually impaired) <i>(no dumping signs)</i>
Swimming Facilities <i>(none)</i>	Pools	Entrance
		Location from accessible parking
		Safety features i.e. warning for visually impaired
	Beaches	Location from accessible path into water
		Handrails
		Location from accessible parking
Play Areas (tot lots) <i>(none)</i>	All Play Equipment i.e. swings, slides	Same experience provided to all
	Access Routes	Located adjacent to accessible paths
		Enough space between equipment for wheelchair
Game Areas: *ballfield *basketball *tennis <i>(none)</i>	Access Routes	Located adjacent to accessible paths
		Berm cuts onto courts
	Equipment	Height
		Dimensions
		Spectator Seating
Boat Docks <i>(none)</i>	Access Routes	Located adjacent to accessible paths
		Handrails
Fishing Facilities <i>(none)</i>	Access Routes	Located adjacent to accessible paths
		Handrails
	Equipment	Arm Rests
		Bait Shelves
		Handrails
		Fish Cleaning Tables
Programming <i>None at this time</i>	Are special programs at your facilities accessible?	Learn-to-Swim
		Guided Hikes
		Interpretive Programs
Services and Technical Assistance*	Information available in alternative formats i.e. for visually impaired	
	Process to request interpretive services (i.e. sign language interpreter) for meetings	

Facility Inventory

LOCATION: Hathaway Acres (Hathaway Rd., Draper Dr., Evans Dr., Charlotte Rd., Marie Dr., Salem St.)

PARKING on street parking, no spaces are striped or designated; some roads have curb so can use driveway for access to sidewalk-trail is off sidewalk at Draper Dr.			
<i>Total Spaces</i>		<i>Required Accessible Spaces</i>	
Up to 25 x		1 space	
26-50		2 spaces	
51-75		3 spaces	
76-100		4 spaces	
101-150		5 spaces	
151-200		6 spaces	
201-300		7 spaces	
301-400		8 spaces	
401-500		9 spaces	
<i>Specification for Accessible Spaces</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Accessible space located closest to accessible entrance (no building so no accessible entry)			
Where spaces cannot be located within 200 ft of accessible entrance, drop-off area is provided within 100 ft.			
Minimum width of 13 ft includes 8 ft space plus 5 ft access aisle			
Van space - minimum of 1 van space for every accessible space, 8 ft wide plus 8 ft aisle. Alternative is to make all accessible spaces 11 ft wide with 5 ft aisle.			
Sign with international symbol of accessibility at each space or pair of spaces		x	
Sign minimum 5 ft, maximum 8 ft to top of sign			
Surface evenly paved or hard-packed (no cracks)	x		
Surface slope less than 1:20, 5%	x		
Curbscut to pathway from parking lot at each space or pair of spaces, if sidewalk (curb) is present		x	
Curbscut is a minimum width of 3 ft, excluding sloped sides, has sloped sides, all slopes not to exceed 1:12, and textured or painted yellow		x	
RAMPS (none)			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Slope Maximum 1:12			
Minimum width 4 ft between handrails			
Handrails on both sides if ramp is longer than 6 ft			
Handrails at 34" and 19" from ramp surface			
Handrails extend 12" beyond top and bottom			
Handgrip oval or round			
Handgrip smooth surface			
Handgrip diameter between 1¼" and 2"			
Clearance of 1½" between wall and wall rail			
Non-slip surface			
Level platforms (4ft x 4 ft) at every 30 ft, at top, at bottom, at change of direction			

Facility Inventory

LOCATION: Hathaway Acres (Hathaway Rd., Draper Dr., Evans Dr., Charlotte Rd., Marie Dr., Salem St.)

SITE ACCESS, PATH OF TRAVEL, ENTRANCES (no building so no accessible entry)			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Site Access			
Accessible path of travel from passenger disembarking area and parking area to accessible entrance <i>(no building so no accessible entry)</i>			
Disembarking area at accessible entrance			
Surface evenly paved or hard-packed			
No ponding of water			
Path of Travel (no building so no accessible entry), paths are dirt			
Path does not require the use of stairs	x		
Path is stable, firm and slip resistant		x	<i>Dirt path with rocks, roots, mud, so can be slippery</i>
3 ft wide minimum		x	<i>Width varies</i>
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50).		x	
Continuous common surface, no changes in level greater than $\frac{1}{2}$ inch		x	
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane			<i>Shrubs and trees grow into path so need to be trimmed periodically</i>
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"			<i>No walls</i>
Curb on the pathway must have curb cuts at drives, parking and drop-offs			<i>Curb on Draper Dr. & Evans Dr. -can use driveway slope to get on sidewalk</i>
Entrances (no building so no accessible entry)			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and <i>not</i> be the service entrance			
Level space extending 5 ft. from the door, interior and exterior of entrance doors			
Minimum 32" clear width opening (i.e. 36" door with standard hinge)			
At least 18" clear floor area on latch, pull side of door			
Door handle no higher than 48" and operable with a closed fist			
Vestibule is 4 ft plus the width of the door swinging into the space			
Entrance(s) on a level that makes elevators accessible			
Door mats less than $\frac{1}{2}$ " thick are securely fastened			
Door mats more than $\frac{1}{2}$ " thick are recessed			
Grates in path of travel have openings of $\frac{1}{2}$ " maximum			
Signs at non-accessible entrance(s) indicate direction to accessible entrance			
Emergency egress - alarms with flashing lights and audible signals, sufficiently lighted			
STAIRS and DOORS (none)			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Stairs (none)			
No open risers			
Nosings not projecting			

Facility Inventory

LOCATION: Hathaway Acres (Hathaway Rd., Draper Dr., Evans Dr., Charlotte Rd., Marie Dr., Salem St.)

Treads no less than 11" wide			
Handrails on both sides			
Handrails 34"-38" above tread			
Handrail extends a minimum of 1 ft beyond top and bottom riser (if no safety hazard and space permits)			
Handgrip oval or round			
Handgrip has a smooth surface			
Handgrip diameter between 1 $\frac{1}{4}$ " and 1 $\frac{1}{2}$ "			
1 $\frac{1}{2}$ " clearance between wall and handrail			
Doors (none)			
Minimum 32" clear opening			
At least 18" clear floor space on pull side of door			
Closing speed minimum 3 seconds to within 3" of the latch			
Maximum pressure 5 pounds interior doors			
Threshold maximum $\frac{1}{2}$ " high, beveled on both sides			
Hardware operable with a closed fist (no conventional door knobs or thumb latch devices)			
Hardware minimum 36", maximum 48" above the floor			
Clear, level floor space extends out 5 ft from both sides of the door			
Door adjacent to revolving door is accessible and unlocked			
Doors opening into hazardous area have hardware that is knurled or roughened			
RESTROOMS - also see Doors and Vestibules (none)			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
5 ft turning space measured 12" from the floor			
At least one Sink: (none)			
Clear floor space of 30" by 48" to allow a forward approach			
Mounted without pedestal or legs, height 34" to top of rim			
Extends at least 22" from the wall			
Open knee space a minimum 19" deep, 30" width, and 27" high			
Cover exposed pipes with insulation			
Faucets operable with closed fist (lever or spring activated handle)			
At least one Stall: (none)			
Accessible to person using wheelchair at 60" wide by 72" deep			
Stall door is 36" wide			
Stall door swings out			
Stall door is self closing			
Stall door has a pull latch			
Lock on stall door is operable with a closed fist, and 32" above the floor			
Coat hook is 54" high			
Toilet (none)			
18" from center to nearest side wall			
42" minimum clear space from center to farthest wall or fixture			
Top of seat 17"-19" above the floor			

Facility Inventory

LOCATION: Hathaway Acres (Hathaway Rd., Draper Dr., Evans Dr., Charlotte Rd., Marie Dr., Salem St.)

Grab Bars (none)			
On back and side wall closest to toilet			
1½" diameter			
1½" clearance to wall			
Located 30" above and parallel to the floor			
Acid-etched or roughened surface			
42" long			
Fixtures			
Toilet paper dispenser is 24" above floor			
One mirror set a maximum 38" to bottom (if tilted, 42")			
Dispensers (towel, soap, etc) at least one of each a maximum 42" above the floor			
FLOORS, DRINKING FOUNTAINS, TELEPHONES (none)			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Floors (none)			
Non-slip surface			
Carpeting is high-density, low pile, non-absorbent, stretched taut, securely anchored			
Corridor width minimum is 3 ft			
Objects (signs, ceiling lights, fixtures) can only protrude 4" into the path of travel from a height of 27" to 80" above the floor			
Drinking Fountains (none)			
Spouts no higher than 36" from floor to outlet			
Hand operated push button or level controls			
Spouts located near front with stream of water as parallel to front as possible			
If recessed, recess a minimum 30" width, and no deeper than depth of fountain			
If no clear knee space underneath, clear floor space 30" x 48" to allow parallel approach			
Telephones (none)			
Highest operating part a maximum 54" above the floor			
Access within 12" of phone, 30" high by 30" wide			
Adjustable volume control on headset so identified			
SIGNS, SIGNALS, AND SWITCHES (no signals or switches)			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Switches, Controls and Signs (no signals or switches)			
Switches and controls for light, heat, ventilation, windows, fire alarms, thermostats, etc, must be a minimum of 36" and a maximum of 48" above the floor for a forward reach, a maximum of 54" for a side reach			
Electrical outlets centered no lower than 18" above the floor			
Warning signals must be visual as well as audible			
Signs (signs at entry on Draper Dr. has ; 'no dumping' signs are flat)			
Mounting height must be 60" to centerline of the sign			
Within 18" of door jamb or recessed			
Letters and numbers at least 1½" high			
Letters and numbers raised .03"			
Letters and numbers contrast with the background color			

Facility Inventory

LOCATION: Hathaway Acres (Hathaway Rd., Draper Dr., Evans Dr., Charlotte Rd., Marie Dr., Salem St.)

SWIMMING POOLS - accessibility can be via ramp, lifting device, or transfer area (none)			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Ramp at least 34" wide with a non-slip surface extending into the shallow end, slope not exceeding 1:6 with handrails on both sides			
Lifting device			
Transfer area 18" above the path of travel and a minimum of 18" wide			
Unobstructed path of travel not less than 48" wide around pool			
Non-slip surface			
SHOWER ROOMS - Showers must accommodate both wheel-in and transfer use (none)			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Stalls 36" by 60" minimum, with a 36" door opening			
Floors are pitched to drain the stall at the corner farthest from entrance			
Floors are non-slip surface			
Controls operate by a single lever with a pressure balance mixing valve			
Controls are located on the center wall adjacent to the hinged seat			
Shower heads attached to a flexible metal hose			
Shower heads attached to wall mounting adjustable from 42" to 72" above the floor			
Seat is hinged and padded and at least 16" deep, folds upward, securely attached to side wall, height is 18" to the top of the seat, and at least 24" long			
Soap trays without handhold features unless they can support 250 pounds			
2 grab bars are provided, one 30" and one 48" long, or one continuous L shaped bar			
Grab bars are placed horizontally at 36" above the floor line			
PICNICKING n.a. (no facilities - could picnic on the ground)			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access			
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.			
Top of table no higher than 32" above ground			
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions			
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter			

**Facility Inventory
Wilmington**

LOCATION: Heritage Pines CSD (Lieutenant Buck Drive),

ACTIVITY	EQUIPMENT	NOTES
Picnic Facilities There are no picnic facilities on site.	Tables & Benches	Located adjacent to accessible paths
		Access to Open Spaces
		Back and Arm Rests
		Adequate number
	Grills	Height of Cooking Surface
	Trash Cans	Located adjacent to accessible paths
		Located adjacent to accessible paths
		Located near accessible water fountains, trash can, restroom, parking, etc.
Trails		Surface material - Mix of Stone dust & Gravel.
		Dimensions - Five (5) feet.
		Rails - None
		Signage (for visually impaired) NONE
Swimming Facilities There are no swimming facilities on site.	Pools	Entrance
		Location from accessible parking
		Safety features i.e. warning for visually impaired
	Beaches	Location from accessible path into water
		Handrails
		Location from accessible parking
		Shade provided
Play Areas (tot lots) N / A	All Play Equipment i.e. swings, slides	Same experience provided to all
	Access Routes	Located adjacent to accessible paths
		Enough space between equipment for wheelchair
Game Areas: *ballfield *basketball *tennis N / A	Access Routes	Located adjacent to accessible paths
		Berm cuts onto courts
	Equipment	Height
		Dimensions
		Spectator Seating
Boat Docks	Access Routes	Located adjacent to accessible paths
		Handrails
Fishing Facilities There are no fishing facilities on site.	Access Routes	Located adjacent to accessible paths
		Handrails
	Equipment	Arm Rests
		Bait Shelves
		Handrails
		Fish Cleaning Tables
Programming N / A	Are special programs at your facilities accessible?	Learn-to-Swim
		Guided Hikes
		Interpretive Programs
Services and Technical Assistance	Information available in alternative formats i.e. for visually impaired	
	Process to request interpretive services (i.e. sign language interpreter) for meetings	

Facility Inventory **LOCATION:** Heritage Pines CSD (Lieutenant Buck Drive),
Wilmington

PARKING			
<i>Total Spaces</i>	Two (2) Parking Spaces	<i>Required Accessible Spaces</i>	
Up to 25		1 space	
26-50		2 spaces	
51-75		3 spaces	
76-100		4 spaces	
101-150		5 spaces	
151-200		6 spaces	
201-300		7 spaces	
301-400		8 spaces	
401-500		9 spaces	
<i>Specification for Accessible Spaces</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Accessible space located closest to accessible entrance		X	
Where spaces cannot be located within 200 ft of accessible entrance, drop-off area is provided within 100 ft.		X	
Minimum width of 13 ft includes 8 ft space plus 5 ft access aisle		X	
Van space - minimum of 1 van space for every accessible space, 8 ft wide plus 8 ft aisle. Alternative is to make all accessible spaces 11 ft wide with 5 ft aisle.		X	
Sign with international symbol of accessibility at each space or pair of spaces		X	
Sign minimum 5 ft, maximum 8 ft to top of sign	X		
Surface evenly paved or hard-packed (no cracks)	X		
Surface slope less than 1:20, 5%	X		
Curbcut to pathway from parking lot at each space or pair of spaces, if sidewalk (curb) is present		X	
Curbcut is a minimum width of 3 ft, excluding sloped sides, has sloped sides, all slopes not to exceed 1:12, and textured or painted yellow		X	
RAMPS			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Slope Maximum 1:12			There are no ramps on site.
Minimum width 4 ft between handrails			
Handrails on both sides if ramp is longer than 6 ft			
Handrails at 34" and 19" from ramp surface			
Handrails extend 12" beyond top and bottom			
Handgrip oval or round			
Handgrip smooth surface			
Handgrip diameter between 1½" and 2"			
Clearance of 1½" between wall and wall rail			
Non-slip surface			
Level platforms (4ft x 4 ft) at every 30 ft, at top, at bottom, at change of direction			
SITE ACCESS, PATH OF TRAVEL, ENTRANCES			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Site Access			
Accessible path of travel from passenger disembarking area and parking area to accessible entrance			
Disembarking area at accessible entrance			
Surface evenly paved or hard-packed	X		

Facility Inventory **LOCATION:** Heritage Pines CSD (Lieutenant Buck Drive),
Wilmington

No ponding of water	X		
Path of Travel			
Path does not require the use of stairs		X	
Path is stable, firm and slip resistant		X	
3 ft wide minimum	X		
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50).	X		
Continuous common surface, no changes in level greater than $\frac{1}{2}$ inch	X		
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane		X	
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"		X	
Curb on the pathway must have curb cuts at drives, parking and drop-offs		X	
Entrances			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and <i>not</i> be the service entrance	X		There are no building entrances on site.
Level space extending 5 ft. from the door, interior and exterior of entrance doors		X	
Minimum 32" clear width opening (i.e. 36" door with standard hinge)		X	
At least 18" clear floor area on latch, pull side of door			
Door handle no higher than 48" and operable with a closed fist			
Vestibule is 4 ft plus the width of the door swinging into the space			
Entrance(s) on a level that makes elevators accessible			
Door mats less than $\frac{1}{2}$ " thick are securely fastened			
Door mats more than $\frac{1}{2}$ " thick are recessed			
Grates in path of travel have openings of $\frac{1}{2}$ " maximum			
Signs at non-accessible entrance(s) indicate direction to accessible entrance			
Emergency egress - alarms with flashing lights and audible signals, sufficiently lighted			
STAIRS and DOORS			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Stairs			
There are no Stairs nor Doors on site.			
No open risers			
Nosings not projecting			
Treads no less than 11" wide			
Handrails on both sides			
Handrails 34"-38" above tread			
Handrail extends a minimum of 1 ft beyond top and bottom riser (if no safety hazard and space permits)			
Handgrip oval or round			
Handgrip has a smooth surface			
Handgrip diameter between $1\frac{1}{4}$ " and $1\frac{1}{2}$ "			

Facility Inventory **LOCATION:** Heritage Pines CSD (Lieutenant Buck Drive),
Wilmington

1½" clearance between wall and handrail			
Doors			
There are no Doors on site.			
Minimum 32" clear opening			
At least 18" clear floor space on pull side of door			
Closing speed minimum 3 seconds to within 3" of the latch			
Maximum pressure 5 pounds interior doors			
Threshold maximum ½" high, beveled on both sides			
Hardware operable with a closed fist (no conventional door knobs or thumb latch devices)			
Hardware minimum 36", maximum 48" above the floor			
Clear, level floor space extends out 5 ft from both sides of the door			
Door adjacent to revolving door is accessible and unlocked			
Doors opening into hazardous area have hardware that is knurled or roughened			
RESTROOMS - also see Doors and Vestibules			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
5 ft turning space measured 12" from the floor			
At least one Sink:			
There are no Restroom Facilities on site.			
Clear floor space of 30" by 48" to allow a forward approach			
Mounted without pedestal or legs, height 34" to top of rim			
Extends at least 22" from the wall			
Open knee space a minimum 19" deep, 30" width, and 27" high			
Cover exposed pipes with insulation			
Faucets operable with closed fist (lever or spring activated handle)			
At least one Stall:			
There are no Restroom Facilities on site.			
Accessible to person using wheelchair at 60" wide by 72" deep			
Stall door is 36" wide			
Stall door swings out			
Stall door is self closing			
Stall door has a pull latch			
Lock on stall door is operable with a closed fist, and 32" above the floor			
Coat hook is 54" high			
Toilet			
There are no Restroom Facilities on site.			
18" from center to nearest side wall			
42" minimum clear space from center to farthest wall or fixture			
Top of seat 17"-19" above the floor			
Grab Bars			
On back and side wall closest to toilet			
1½" diameter			
1½" clearance to wall			
Located 30" above and parallel to the floor			

Facility Inventory **LOCATION:** Heritage Pines CSD (Lieutenant Buck Drive),
Wilmington

Acid-etched or roughened surface			
42" long			
Fixtures			
<i>There are no Restroom Facilities on site.</i>			
Toilet paper dispenser is 24" above floor			
One mirror set a maximum 38" to bottom (if tilted, 42")			
Dispensers (towel, soap, etc) at least one of each a maximum 42" above the floor			
FLOORS, DRINKING FOUNTAINS, TELEPHONES			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Floors			
<i>There are no buildings nor floors on site.</i>			
Non-slip surface			
Carpeting is high-density, low pile, non-absorbent, stretched taut, securely anchored			
Corridor width minimum is 3 ft			
Objects (signs, ceiling lights, fixtures) can only protrude 4" into the path of travel from a height of 27" to 80" above the floor			
Drinking Fountains			
<i>There are no Drinking Fountains on site.</i>			
Spouts no higher than 36" from floor to outlet			
Hand operated push button or level controls			
Spouts located near front with stream of water as parallel to front as possible			
If recessed, recess a minimum 30" width, and no deeper than depth of fountain			
If no clear knee space underneath, clear floor space 30" x 48" to allow parallel approach			
Telephones			
<i>There are no telephones on site.</i>			
Highest operating part a maximum 54" above the floor			
Access within 12" of phone, 30" high by 30" wide			
Adjustable volume control on headset so identified			
SIGNS, SIGNALS, AND SWITCHES			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Switches, Controls and Signs			
Switches and controls for light, heat, ventilation, windows, fire alarms, thermostats, etc, must be a minimum of 36" and a maximum of 48" above the floor for a forward reach, a maximum of 54" for a side reach			
Electrical outlets centered no lower than 18" above the floor			
Warning signals must be visual as well as audible			
Signs			
<i>The signs on site are utilized to demarcate the Wilmington Open Space.</i>			
Mounting height must be 60" to centerline of the sign	X		
Within 18" of door jamb or recessed		X	
Letters and numbers a t least 1½" high		X	
Letters and numbers raised .03"		X	
Letters and numbers contrast with the background color	X		

Facility Inventory **LOCATION:** Heritage Pines CSD (Lieutenant Buck Drive),
Wilmington

SWIMMING POOLS - accessibility can be via ramp, lifting device, or transfer area			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Ramp at least 34" wide with a non-slip surface extending into the shallow end, slope not exceeding 1:6 with handrails on both sides			There are no swimming pool facilities on site.
Lifting device			
Transfer area 18" above the path of travel and a minimum of 18" wide			
Unobstructed path of travel not less than 48" wide around pool			
Non-slip surface			
SHOWER ROOMS - Showers must accommodate both wheel-in and transfer use			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Stalls 36" by 60" minimum, with a 36" door opening			
Floors are pitched to drain the stall at the corner farthest from entrance			There are no Shower Rooms on site.
Floors are non-slip surface			
Controls operate by a single lever with a pressure balance mixing valve			There are no Shower Rooms on site.
Controls are located on the center wall adjacent to the hinged seat			There are no Shower Rooms on site.
Shower heads attached to a flexible metal hose			
Shower heads attached to wall mounting adjustable from 42" to 72" above the floor			There are no Shower Rooms on site.
Seat is hinged and padded and at least 16" deep, folds upward, securely attached to side wall, height is 18" to the top of the seat, and at least 24" long			There are no Shower Rooms on site.
Soap trays without handhold features unless they can support 250 pounds			There are no Shower Rooms on site.
2 grab bars are provided, one 30" and one 48" long, or one continuous L shaped bar			There are no Shower Rooms on site.
Grab bars are placed horizontally at 36" above the floor line			There are no Shower Rooms on site.
PICNICKING			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access			There are no Picnic facilities on site.
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.			There are no Picnic facilities on site.
Top of table no higher than 32" above ground			
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions			There are no Picnic facilities on site.
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter			There are no Picnic facilities on site.

Facility Inventory LOCATION: JACQUES LANE SUBDIVISION, WILMINGTON

ACTIVITY	EQUIPMENT	NOTES
Picnic Facilities N / A	Tables & Benches	Located adjacent to accessible paths
		Access to Open Spaces
		Back and Arm Rests
		Adequate number
	Grills	Height of Cooking Surface
	Trash Cans	Located adjacent to accessible paths
		Located adjacent to accessible paths
Trails N / A		Located adjacent to accessible paths
		Located near accessible water fountains, trash can, restroom, parking, etc.
		Surface material Wood Chips
		Dimensions 5 feet
Swimming Facilities N / A	Pools	Rails NONE
		Signage (for visually impaired) NONE
		Entrance
	Beaches	Location from accessible parking
		Safety features i.e. warning for visually impaired
		Location from accessible path into water
		Handrails
Play Areas (tot lots) N / A	All Play Equipment i.e. swings, slides	Location from accessible parking
		Shade provided
	Access Routes	Same experience provided to all
		Located adjacent to accessible paths
Game Areas: *ballfield *basketball *tennis N / A	Access Routes	Enough space between equipment for wheelchair
		Located adjacent to accessible paths
	Equipment	Berm cuts onto courts
		Height
		Dimensions
Boat Docks N / A	Access Routes	Spectator Seating
		Located adjacent to accessible paths
		Handrails
Fishing Facilities N / A	Access Routes	Located adjacent to accessible paths
		Handrails
	Equipment	Arm Rests
		Bait Shelves
		Handrails
Programming N / A	Are special programs at your facilities accessible?	Fish Cleaning Tables
		Learn-to-Swim
		Guided Hikes
		Interpretive Programs
Services and Technical Assistance	Information available in alternative formats i.e. for visually impaired	
	Process to request interpretive services (i.e. sign language interpreter) for meetings	

Facility Inventory LOCATION: JACQUES LANE SUBDIVISION, WILMINGTON

LOCATION: JACQUES LANE SUBDIVISION, WILMINGTON

PARKING			
<i>Total Spaces</i>	THREE PARKING SPACES		<i>Required Accessible Spaces</i>
Up to 25			1 space
26-50			2 spaces
51-75			3 spaces
76-100			4 spaces
101-150			5 spaces
151-200			6 spaces
201-300			7 spaces
301-400			8 spaces
401-500			9 spaces
<i>Specification for Accessible Spaces</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Accessible space located closest to accessible entrance		X	
Where spaces cannot be located within 200 ft of accessible entrance, drop-off area is provided within 100 ft.		X	
Minimum width of 13 ft includes 8 ft space plus 5 ft access aisle		X	
Van space - minimum of 1 van space for every accessible space, 8 ft wide plus 8 ft aisle. Alternative is to make all accessible spaces 11 ft wide with 5 ft aisle.		X	
Sign with international symbol of accessibility at each space or pair of spaces		X	
Sign minimum 5 ft, maximum 8 ft to top of sign		X	
Surface evenly paved or hard-packed (no cracks)	X		
Surface slope less than 1:20, 5%	X		
Curbside to pathway from parking lot at each space or pair of spaces, if sidewalk (curb) is present		X	
Curbside is a minimum width of 3 ft, excluding sloped sides, has sloped sides, all slopes not to exceed 1:12, and textured or painted yellow		X	
RAMPS			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Slope Maximum 1:12			THERE ARE NO RAMPS ON SITE.
Minimum width 4 ft between handrails			
Handrails on both sides if ramp is longer than 6 ft			
Handrails at 34" and 19" from ramp surface			
Handrails extend 12" beyond top and bottom			
Handgrip oval or round			
Handgrip smooth surface			
Handgrip diameter between 1½" and 2"			
Clearance of 1½" between wall and wall rail			
Non-slip surface			
Level platforms (4ft x 4 ft) at every 30 ft, at top, at bottom, at change of direction			
SITE ACCESS, PATH OF TRAVEL, ENTRANCES			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Site Access			
Accessible path of travel from passenger disembarking area and parking area to accessible entrance	X		
Disembarking area at accessible entrance	X		
Surface evenly paved or hard-packed	X		
No ponding of water	X		

Facility Inventory LOCATION: JACQUES LANE SUBDIVISION, WILMINGTON

Path of Travel.			
Path does not require the use of stairs	X		
Path is stable, firm and slip resistant	X		
3 ft wide minimum	X		
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50).	X		
Continuous common surface, no changes in level greater than $\frac{1}{2}$ inch	X		
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane	X		
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"		X	
Curb on the pathway must have curb cuts at drives, parking and drop-offs	X		
Entrances			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and <i>not</i> be the service entrance			THERE ARE NO BUILDING ENTRANCES ON SITE.
Level space extending 5 ft. from the door, interior and exterior of entrance doors			
Minimum 32" clear width opening (i.e. 36" door with standard hinge)			
At least 18" clear floor area on latch, pull side of door			
Door handle no higher than 48" and operable with a closed fist			
Vestibule is 4 ft plus the width of the door swinging into the space			
Entrance(s) on a level that makes elevators accessible			
Door mats less than $\frac{1}{2}$ " thick are securely fastened			
Door mats more than $\frac{1}{2}$ " thick are recessed			
Grates in path of travel have openings of $\frac{1}{2}$ " maximum			
Signs at non-accessible entrance(s) indicate direction to accessible entrance			
Emergency egress - alarms with flashing lights and audible signals, sufficiently lighted			
STAIRS and DOORS			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Stairs			
THERE ARE NO STAIRS ON SITE.			
No open risers			
Nosings not projecting			
Treads no less than 11" wide			
Handrails on both sides			
Handrails 34"-38" above tread			
Handrail extends a minimum of 1 ft beyond top and bottom riser (if no safety hazard and space permits)			
Handgrip oval or round			
Handgrip has a smooth surface			
Handgrip diameter between $1\frac{1}{4}$ " and $1\frac{1}{2}$ "			
$1\frac{1}{2}$ " clearance between wall and handrail			

Facility Inventory **LOCATION: JACQUES LANE SUBDIVISION, WILMINGTON**

Doors			
THERE ARE NO DOORS ON SITE.			
Minimum 32" clear opening			
At least 18" clear floor space on pull side of door			
Closing speed minimum 3 seconds to within 3" of the latch			
Maximum pressure 5 pounds interior doors			
Threshold maximum $\frac{1}{2}$ " high, beveled on both sides			
Hardware operable with a closed fist (no conventional door knobs or thumb latch devices)			
Hardware minimum 36", maximum 48" above the floor			
Clear, level floor space extends out 5 ft from both sides of the door			
Door adjacent to revolving door is accessible and unlocked			
Doors opening into hazardous area have hardware that is knurled or roughened			
RESTROOMS – also see Doors and Vestibules			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
5 ft turning space measured 12" from the floor			
At least one Sink:			
THERE ARE NO RESTROOMS ON SITE.			
Clear floor space of 30" by 48" to allow a forward approach			
Mounted without pedestal or legs, height 34" to top of rim			
Extends at least 22" from the wall			
Open knee space a minimum 19" deep, 30" width, and 27" high			
Cover exposed pipes with insulation			
Faucets operable with closed fist (lever or spring activated handle)			
At least one Stall:			
THERE ARE NO RESTROOMS ON SITE			
Accessible to person using wheelchair at 60" wide by 72" deep			
Stall door is 36" wide			
Stall door swings out			
Stall door is self closing			
Stall door has a pull latch			
Lock on stall door is operable with a closed fist, and 32" above the floor			
Coat hook is 54" high			
Toilet			
THERE ARE NO RESTROOMS ON SITE			
18" from center to nearest side wall			
42" minimum clear space from center to farthest wall or fixture			
Top of seat 17"-19" above the floor			
Grab Bars			
On back and side wall closest to toilet			
$1\frac{1}{4}$ " diameter			
$1\frac{1}{2}$ " clearance to wall			
Located 30" above and parallel to the floor			
Acid-etched or roughened surface			
42" long			

Facility Inventory **LOCATION: JACQUES LANE SUBDIVISION, WILMINGTON**

Fixtures			
THERE ARE NO RESTROOMS ON SITE			
Toilet paper dispenser is 24" above floor			
One mirror set a maximum 38" to bottom (if tilted, 42")			
Dispensers (towel, soap, etc) at least one of each a maximum 42" above the floor			
FLOORS, DRINKING FOUNTAINS, TELEPHONES			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Floors			
THERE ARE NO BUILDINGS / FLOORS ON SITE.			
Non-slip surface			
Carpeting is high-density, low pile, non-absorbent, stretched taut, securely anchored			
Corridor width minimum is 3 ft			
Objects (signs, ceiling lights, fixtures) can only protrude 4" into the path of travel from a height of 27" to 80" above the floor			
Drinking Fountains			
THERE ARE NO DRINKING FOUNTAINS ON SITE.			
Spouts no higher than 36" from floor to outlet			
Hand operated push button or level controls			
Spouts located near front with stream of water as parallel to front as possible			
If recessed, recess a minimum 30" width, and no deeper than depth of fountain			
If no clear knee space underneath, clear floor space 30" x 48" to allow parallel approach			
Telephones			
THERE ARE NO TELEPHONES ON SITE.			
Highest operating part a maximum 54" above the floor			
Access within 12" of phone, 30" high by 30" wide			
Adjustable volume control on headset so identified			
SIGNS, SIGNALS, AND SWITCHES			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Switches, Controls and Signs			
Switches and controls for light, heat, ventilation, windows, fire alarms, thermostats, etc, must be a minimum of 36" and a maximum of 48" above the floor for a forward reach, a maximum of 54" for a side reach			
Electrical outlets centered no lower than 18" above the floor			
Warning signals must be visual as well as audible			
Signs			
Mounting height must be 60" to centerline of the sign			
Within 18" of door jamb or recessed			
Letters and numbers a t least 1½" high			
Letters and numbers raised .03"			
Letters and numbers contrast with the background color			

NOTES

THE ONLY SIGN ON SITE IS USED TO DEMARCAT E WILMINGTON OPEN SPACE.

Facility Inventory LOCATION: JACQUES LANE SUBDIVISION, WILMINGTON

SWIMMING POOLS - accessibility can be via ramp, lifting device, or transfer area			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Ramp at least 34" wide with a non-slip surface extending into the shallow end, slope not exceeding 1:6 with handrails on both sides			THERE ARE NO SWIMMING POOLS ON SITE.
Lifting device			
Transfer area 18" above the path of travel and a minimum of 18" wide			
Unobstructed path of travel not less than 48" wide around pool			
Non-slip surface			
SHOWER ROOMS - Showers must accommodate both wheel-in and transfer use			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Stalls 36" by 60" minimum, with a 36" door opening			THERE ARE NO SHOWER FACILITIES ON SITE.
Floors are pitched to drain the stall at the corner farthest from entrance			
Floors are non-slip surface			
Controls operate by a single lever with a pressure balance mixing valve			
Controls are located on the center wall adjacent to the hinged seat			
Shower heads attached to a flexible metal hose			
Shower heads attached to wall mounting adjustable from 42" to 72" above the floor			
Seat is hinged and padded and at least 16" deep, folds upward, securely attached to side wall, height is 18" to the top of the seat, and at least 24" long			
Soap trays without handhold features unless they can support 250 pounds			
2 grab bars are provided, one 30" and one 48" long, or one continuous L shaped bar			
Grab bars are placed horizontally at 36" above the floor line			
PICNICKING			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access			THERE ARE NO PICNIC FACILITIES ON SITE.
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.			
Top of table no higher than 32" above ground			
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions			
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter			

LOCATION: KYLIE ESTATES CONSERVATION SUBDIVISION (MILL ROAD, WILMINGTON)

ACTIVITY	EQUIPMENT	NOTES
Picnic Facilities N / A	Tables & Benches	Located adjacent to accessible paths
		Access to Open Spaces
		Back and Arm Rests
		Adequate number
	Grills	Height of Cooking Surface
	Trash Cans	Located adjacent to accessible paths
		Located adjacent to accessible paths
		Located adjacent to accessible paths
		Located near accessible water fountains, trash can, restroom, parking, etc.
Trails		Surface material - Gravel / StoneDust
		Dimensions - 5 feet
		Rails - None
		Signage (for visually impaired) - None
Swimming Facilities N / A	Pools	Entrance
		Location from accessible parking
		Safety features i.e. warning for visually impaired
	Beaches	Location from accessible path into water
		Handrails
		Location from accessible parking
		Shade provided
Play Areas (tot lots) N / A	All Play Equipment i.e. swings, slides	Same experience provided to all
	Access Routes	Located adjacent to accessible paths
		Enough space between equipment for wheelchair
Game Areas: *ballfield *basketball *tennis NONE	Access Routes	Located adjacent to accessible paths
		Berm cuts onto courts
	Equipment	Height
		Dimensions
		Spectator Seating
Boat Docks N / A	Access Routes	Located adjacent to accessible paths
		Handrails
Fishing Facilities N / A	Access Routes	Located adjacent to accessible paths
		Handrails
	Equipment	Arm Rests
		Bait Shelves
		Handrails
		Fish Cleaning Tables
Programming N / A	Are special programs at your facilities accessible?	Learn-to-Swim
		Guided Hikes
		Interpretive Programs
Services and Technical Assistance	Information available in alternative formats i.e. for visually impaired	
	Process to request interpretive services (i.e. sign language interpreter) for meetings	

LOCATION: KYLIE ESTATES CONSERVATION SUBDIVISION (MILL ROAD, WILMINGTON)

PARKING			
<i>Total Spaces</i>	4 parking spaces		<i>Required Accessible Spaces</i>
Up to 25			1 space
26-50			2 spaces
51-75			3 spaces
76-100			4 spaces
101-150			5 spaces
151-200			6 spaces
201-300			7 spaces
301-400			8 spaces
401-500			9 spaces
<i>Specification for Accessible Spaces</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Accessible space located closest to accessible entrance			THERE ARE NO ACCESSIBLE SPACES.
Where spaces cannot be located within 200 ft of accessible entrance, drop-off area is provided within 100 ft.		X	
Minimum width of 13 ft includes 8 ft space plus 5 ft access aisle		X	
Van space - minimum of 1 van space for every accessible space, 8 ft wide plus 8 ft aisle. Alternative is to make all accessible spaces 11 ft wide with 5 ft aisle.		X	
Sign with international symbol of accessibility at each space or pair of spaces		X	
Sign minimum 5 ft, maximum 8 ft to top of sign		X	
Surface evenly paved or hard-packed (no cracks)	X		
Surface slope less than 1:20, 5%	X		
Curbcut to pathway from parking lot at each space or pair of spaces, if sidewalk (curb) is present			No curbing present;
Curbcut is a minimum width of 3 ft, excluding sloped sides, has sloped sides, all slopes not to exceed 1:12, and textured or painted yellow			No curbing present;
RAMPS			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Slope Maximum 1:12			THERE ARE NO RAMPS ON SITE.
Minimum width 4 ft between handrails			THERE ARE NO RAMPS ON SITE.
Handrails on both sides if ramp is longer than 6 ft			
Handrails at 34" and 19" from ramp surface			
Handrails extend 12" beyond top and bottom			
Handgrip oval or round			
Handgrip smooth surface			
Handgrip diameter between 1¼" and 2"			
Clearance of 1½" between wall and wall rail			
Non-slip surface			
Level platforms (4ft x 4 ft) at every 30 ft, at top, at bottom, at change of direction			
SITE ACCESS, PATH OF TRAVEL, ENTRANCES			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Site Access			
Accessible path of travel from passenger disembarking area and parking area to accessible entrance	X		
Disembarking area at accessible entrance	X		
Surface evenly paved or hard-packed	X		
No ponding of water	X		

LOCATION: KYLIE ESTATES CONSERVATION SUBDIVISION (MILL ROAD, WILMINGTON)

Path of Travel			
Path does not require the use of stairs	X		
Path is stable, firm and slip resistant		X	
3 ft wide minimum	X		
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50).		X	
Continuous common surface, no changes in level greater than $\frac{1}{2}$ inch		X	
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane	X		
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"	X		
Curb on the pathway must have curb cuts at drives, parking and drop-offs		X	
Entrances			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and <i>not</i> be the service entrance		X	There are no Buildings on Site.
Level space extending 5 ft. from the door, interior and exterior of entrance doors			There are no Buildings on Site.
Minimum 32" clear width opening (i.e. 36" door with standard hinge)			There are no Buildings on Site.
At least 18" clear floor area on latch, pull side of door			There are no Buildings on Site.
Door handle no higher than 48" and operable with a closed fist			There are no Buildings on Site.
Vestibule is 4 ft plus the width of the door swinging into the space			There are no Buildings on Site.
Entrance(s) on a level that makes elevators accessible			There are no Buildings on Site.
Door mats less than $\frac{1}{2}$ " thick are securely fastened			
Door mats more than $\frac{1}{2}$ " thick are recessed			
Grates in path of travel have openings of $\frac{1}{2}$ " maximum			There are no grates in path of travel.
Signs at non-accessible entrance(s) indicate direction to accessible entrance			There are no Buildings on Site.
Emergency egress - alarms with flashing lights and audible signals, sufficiently lighted			There are no Buildings on Site.
STAIRS and DOORS			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Stairs - There are no stairs on site.			
No open risers			
Nosings not projecting			
Treads no less than 11" wide			
Handrails on both sides			
Handrails 34"-38" above tread			
Handrail extends a minimum of 1 ft beyond top and bottom riser (if no safety hazard and space permits)			
Handgrip oval or round			
Handgrip has a smooth surface			
Handgrip diameter between $1\frac{1}{4}$ " and $1\frac{1}{2}$ "			
$1\frac{1}{2}$ " clearance between wall and handrail			
Doors - There are no doors on site.			
Minimum 32" clear opening			
At least 18" clear floor space on pull side of door			

LOCATION: KYLIE ESTATES CONSERVATION SUBDIVISION (MILL ROAD, WILMINGTON)

Closing speed minimum 3 seconds to within 3" of the latch			
Maximum pressure 5 pounds interior doors			
Threshold maximum $\frac{1}{2}$ " high, beveled on both sides			
Hardware operable with a closed fist (no conventional door knobs or thumb latch devices)			
Hardware minimum 36", maximum 48" above the floor			
Clear, level floor space extends out 5 ft from both sides of the door			
Door adjacent to revolving door is accessible and unlocked			
Doors opening into hazardous area have hardware that is knurled or roughened			
RESTROOMS - also see Doors and Vestibules			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
5 ft turning space measured 12" from the floor			
<i>At least one Sink: There are no sinks on site.</i>			
Clear floor space of 30" by 48" to allow a forward approach			
Mounted without pedestal or legs, height 34" to top of rim			
Extends at least 22" from the wall			
Open knee space a minimum 19" deep, 30" width, and 27" high			
Cover exposed pipes with insulation			
Faucets operable with closed fist (lever or spring activated handle)			
<i>At least one Stall: There are no restroom facilities on site.</i>			
Accessible to person using wheelchair at 60" wide by 72" deep			
Stall door is 36" wide			
Stall door swings out			
Stall door is self closing			
Stall door has a pull latch			
Lock on stall door is operable with a closed fist, and 32" above the floor			
Coat hook is 54" high			
<i>Toilet: There are no restroom facilities on site.</i>			
18" from center to nearest side wall			
42" minimum clear space from center to farthest wall or fixture			
Top of seat 17"-19" above the floor			
Grab Bars			
On back and side wall closest to toilet			
$1\frac{1}{4}$ " diameter			
$1\frac{1}{2}$ " clearance to wall			
Located 30" above and parallel to the floor			
Acid-etched or roughened surface			
42" long			
<i>Fixtures: There are no restroom facilities on site.</i>			
Toilet paper dispenser is 24" above floor			
One mirror set a maximum 38" to bottom (if tilted, 42")			
Dispensers (towel, soap, etc) at least one of each a maximum 42" above the floor			

LOCATION: KYLIE ESTATES CONSERVATION SUBDIVISION (MILL ROAD, WILMINGTON)

FLOORS, DRINKING FOUNTAINS, TELEPHONES			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Floors			
Non-slip surface			
Carpeting is high-density, low pile, non-absorbent, stretched taut, securely anchored			
Corridor width minimum is 3 ft			
Objects (signs, ceiling lights, fixtures) can only protrude 4" into the path of travel from a height of 27" to 80" above the floor			
Drinking Fountains			
THERE ARE NO DRINKING FOUNTAINS ON SITE.			
Spouts no higher than 36" from floor to outlet			
Hand operated push button or level controls			
Spouts located near front with stream of water as parallel to front as possible			
If recessed, recess a minimum 30" width, and no deeper than depth of fountain			
If no clear knee space underneath, clear floor space 30" x 48" to allow parallel approach			
Telephones			
THERE ARE NO TELEPHONES ON SITE.			
Highest operating part a maximum 54" above the floor			
Access within 12" of phone, 30" high by 30" wide			
Adjustable volume control on headset so identified			
SIGNS, SIGNALS, AND SWITCHES			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Switches, Controls and Signs			
Switches and controls for light, heat, ventilation, windows, fire alarms, thermostats, etc, must be a minimum of 36" and a maximum of 48" above the floor for a forward reach, a maximum of 54" for a side reach			
Electrical outlets centered no lower than 18" above the floor			
Warning signals must be visual as well as audible			
Signs:			
Mounting height must be 60" to centerline of the sign			
Within 18" of door jamb or recessed			
Letters and numbers at least 1¼" high			
Letters and numbers raised .03"			
Letters and numbers contrast with the background color			
SWIMMING POOLS - accessibility can be via ramp, lifting device, or transfer area			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Ramp at least 34" wide with a non-slip surface extending into the shallow end, slope not exceeding 1:6 with handrails on both sides			There are no swimming pools on site.
Lifting device			
Transfer area 18" above the path of travel and a minimum of 18" wide			
Unobstructed path of travel not less than 48" wide around pool			
Non-slip surface			

LOCATION: KYLIE ESTATES CONSERVATION SUBDIVISION (MILL ROAD, WILMINGTON)

SHOWER ROOMS - Showers must accommodate both wheel-in and transfer use			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Stalls 36" by 60" minimum, with a 36" door opening			
Floors are pitched to drain the stall at the corner farthest from entrance			There are no shower rooms on site.
Floors are non-slip surface			
Controls operate by a single lever with a pressure balance mixing valve			
Controls are located on the center wall adjacent to the hinged seat			
Shower heads attached to a flexible metal hose			
Shower heads attached to wall mounting adjustable from 42" to 72" above the floor			
Seat is hinged and padded and at least 16" deep, folds upward, securely attached to side wall, height is 18" to the top of the seat, and at least 24" long			
Soap trays without handhold features unless they can support 250 pounds			
2 grab bars are provided, one 30" and one 48" long, or one continuous L shaped bar			
Grab bars are placed horizontally at 36" above the floor line			
PICNICKING			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access			There are no picnic facilities on site.
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.			
Top of table no higher than 32" above ground			
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions			
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter			

Facility Inventory **LOCATION: LEONARD ESTATES CONSERVATION SUBDIV., WILMINGTON**

ACTIVITY	EQUIPMENT	NOTES
Picnic Facilities N / A	Tables & Benches	Located adjacent to accessible paths
		Access to Open Spaces
		Back and Arm Rests
		Adequate number
	Grills	Height of Cooking Surface
	Trash Cans	Located adjacent to accessible paths
		Located adjacent to accessible paths
	Picnic Shelters	Located adjacent to accessible paths
Located near accessible water fountains, trash can, restroom, parking, etc.		
Trails		Surface material - MIX OF STONE DUST / STONE
		Dimensions 5 FEET.
		Rails NONE
		Signage (for visually impaired)
Swimming Facilities N / A	Pools	Entrance
		Location from accessible parking
		Safety features i.e. warning for visually impaired
	Beaches	Location from accessible path into water
		Handrails
		Location from accessible parking
Play Areas (tot lots) N / A	All Play Equipment i.e. swings, slides	Same experience provided to all
	Enough space between equipment for wheelchair	
Game Areas: *ballfield *basketball *tennis N / A	Access Routes	Located adjacent to accessible paths
		Berm cuts onto courts
	Equipment	Height
		Dimensions
		Spectator Seating
Boat Docks N / A	Access Routes	Located adjacent to accessible paths
Fishing Facilities N / A	Access Routes	Handrails
		Located adjacent to accessible paths
	Equipment	Handrails
		Arm Rests
		Bait Shelves
		Handrails
	Fish Cleaning Tables	
Programming N / A	Are special programs at your facilities accessible?	Learn-to-Swim
		Guided Hikes
		Interpretive Programs
Services and Technical Assistance	Information available in alternative formats i.e. for visually impaired	
	Process to request interpretive services (i.e. sign language interpreter) for meetings	

PARKING			
<i>Total Spaces</i>	ONE PARKING SPACE.		<i>Required Accessible Spaces</i>
Up to 25			1 space
26-50			2 spaces
51-75			3 spaces
76-100			4 spaces
101-150			5 spaces
151-200			6 spaces
201-300			7 spaces
301-400			8 spaces
401-500			9 spaces
<i>Specification for Accessible Spaces</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Accessible space located closest to accessible entrance		X	
Where spaces cannot be located within 200 ft of accessible entrance, drop-off area is provided within 100 ft.			
Minimum width of 13 ft includes 8 ft space plus 5 ft access aisle		X	
Van space - minimum of 1 van space for every accessible space, 8 ft wide plus 8 ft aisle. Alternative is to make all accessible spaces 11 ft wide with 5 ft aisle.		X	
Sign with international symbol of accessibility at each space or pair of spaces		X	
Sign minimum 5 ft, maximum 8 ft to top of sign		X	
Surface evenly paved or hard-packed (no cracks)	X		
Surface slope less than 1:20, 5%	X		
Curbside to pathway from parking lot at each space or pair of spaces, if sidewalk (curb) is present	X		
Curbside is a minimum width of 3 ft, excluding sloped sides, has sloped sides, all slopes not to exceed 1:12, and textured or painted yellow		X	
RAMPS			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Slope Maximum 1:12			THERE ARE NO RAMPS ON SITE.
Minimum width 4 ft between handrails			
Handrails on both sides if ramp is longer than 6 ft			
Handrails at 34" and 19" from ramp surface			
Handrails extend 12" beyond top and bottom			
Handgrip oval or round			
Handgrip smooth surface			
Handgrip diameter between 1½" and 2"			
Clearance of 1½" between wall and wall rail			
Non-slip surface			
Level platforms (4ft x 4 ft) at every 30 ft, at top, at bottom, at change of direction			
SITE ACCESS, PATH OF TRAVEL, ENTRANCES			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Site Access			
Accessible path of travel from passenger disembarking area and parking area to accessible entrance			THERE ARE NO BUILDINGS ON SITE.
Disembarking area at accessible entrance	X		
Surface evenly paved or hard-packed	X		
No ponding of water	X		

Facility Inventory **LOCATION: LEONARD ESTATES CONSERVATION SUBDIV., WILMINGTON**

Path of Travel			
Path does not require the use of stairs	X		
Path is stable, firm and slip resistant	X		
3 ft wide minimum	X		
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50).	X		
Continuous common surface, no changes in level greater than $\frac{1}{2}$ inch		X	
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane		X	
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"		X	
Curb on the pathway must have curb cuts at drives, parking and drop-offs			THERE ARE NO CURBS.
Entrances			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and <i>not</i> be the service entrance			THERE ARE NO BUILDINGS ON SITE.
Level space extending 5 ft. from the door, interior and exterior of entrance doors			
Minimum 32" clear width opening (i.e. 36" door with standard hinge)			
At least 18" clear floor area on latch, pull side of door			
Door handle no higher than 48" and operable with a closed fist			
Vestibule is 4 ft plus the width of the door swinging into the space			
Entrance(s) on a level that makes elevators accessible			
Door mats less than $\frac{1}{2}$ " thick are securely fastened			
Door mats more than $\frac{1}{2}$ " thick are recessed			
Grates in path of travel have openings of $\frac{1}{2}$ " maximum			
Signs at non-accessible entrance(s) indicate direction to accessible entrance			
Emergency egress - alarms with flashing lights and audible signals, sufficiently lighted			
STAIRS and DOORS			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Stairs			
THERE ARE NO STAIRS ON SITE.			
No open risers			
Nosings not projecting			
Treads no less than 11" wide			
Handrails on both sides			
Handrails 34"-38" above tread			
Handrail extends a minimum of 1 ft beyond top and bottom riser (if no safety hazard and space permits)			
Handgrip oval or round			
Handgrip has a smooth surface			
Handgrip diameter between $1\frac{1}{4}$ " and $1\frac{1}{2}$ "			
$1\frac{1}{2}$ " clearance between wall and handrail			
Doors			
THERE ARE NO DOORS ON SITE.			

Facility Inventory LOCATION: LEONARD ESTATES CONSERVATION SUBDIV., WILMINGTON

Minimum 32" clear opening			
At least 18" clear floor space on pull side of door			
Closing speed minimum 3 seconds to within 3" of the latch			
Maximum pressure 5 pounds interior doors			
Threshold maximum $\frac{1}{2}$ " high, beveled on both sides			
Hardware operable with a closed fist (no conventional door knobs or thumb latch devices)			
Hardware minimum 36", maximum 48" above the floor			
Clear, level floor space extends out 5 ft from both sides of the door			
Door adjacent to revolving door is accessible and unlocked			
Doors opening into hazardous area have hardware that is knurled or roughened			
RESTROOMS - also see Doors and Vestibules			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
5 ft turning space measured 12" from the floor			
At least one Sink:			
THERE ARE NO RESTROOM FACILITIES ON SITE.			
Clear floor space of 30" by 48" to allow a forward approach			
Mounted without pedestal or legs, height 34" to top of rim			
Extends at least 22" from the wall			
Open knee space a minimum 19" deep, 30" width, and 27" high			
Cover exposed pipes with insulation			
Faucets operable with closed fist (lever or spring activated handle)			
At least one Stall:			
THERE ARE NO RESTROOM FACILITIES ON SITE.			
Accessible to person using wheelchair at 60" wide by 72" deep			
Stall door is 36" wide			
Stall door swings out			
Stall door is self closing			
Stall door has a pull latch			
Lock on stall door is operable with a closed fist, and 32" above the floor			
Coat hook is 54" high			
Toilet			
THERE ARE NO RESTROOM FACILITIES ON SITE.			
18" from center to nearest side wall			
42" minimum clear space from center to farthest wall or fixture			
Top of seat 17"-19" above the floor			
Grab Bars			
On back and side wall closest to toilet			
$1\frac{1}{2}$ " diameter			
$1\frac{1}{2}$ " clearance to wall			
Located 30" above and parallel to the floor			
Acid-etched or roughened surface			
42" long			
Fixtures			
Toilet paper dispenser is 24" above floor			

Facility Inventory **LOCATION: LEONARD ESTATES CONSERVATION SUBDIV., WILMINGTON**

One mirror set a maximum 38" to bottom (if tilted, 42")			
Dispensers (towel, soap, etc) at least one of each a maximum 42" above the floor			
FLOORS, DRINKING FOUNTAINS, TELEPHONES			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Floors			
<i>THERE ARE NO BUILDINGS / FLOORS ON SITE.</i>			
Non-slip surface			
Carpeting is high-density, low pile, non-absorbent, stretched taut, securely anchored			
Corridor width minimum is 3 ft			
Objects (signs, ceiling lights, fixtures) can only protrude 4" into the path of travel from a height of 27" to 80" above the floor			
Drinking Fountains			
<i>THERE ARE NO DRINKING FOUNTAINS ON SITE.</i>			
Spouts no higher than 36" from floor to outlet			
Hand operated push button or level controls			
Spouts located near front with stream of water as parallel to front as possible			
If recessed, recess a minimum 30" width, and no deeper than depth of fountain			
If no clear knee space underneath, clear floor space 30" x 48" to allow parallel approach			
Telephones			
<i>THERE ARE NO TELEPHONES ON SITE.</i>			
Highest operating part a maximum 54" above the floor			
Access within 12" of phone, 30" high by 30" wide			
Adjustable volume control on headset so identified			
SIGNS, SIGNALS, AND SWITCHES			
<i>THERE ARE NO BUILDINGS ON SITE.</i>			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Switches, Controls and Signs			
Switches and controls for light, heat, ventilation, windows, fire alarms, thermostats, etc, must be a minimum of 36" and a maximum of 48" above the floor for a forward reach, a maximum of 54" for a side reach			
Electrical outlets centered no lower than 18" above the floor			
Warning signals must be visual as well as audible			
Signs			
Mounting height must be 60" to centerline of the sign	X		
Within 18" of door jamb or recessed		X	
Letters and numbers at least 1½" high		X	
Letters and numbers raised .03"		X	
Letters and numbers contrast with the background color	X		

NOTES: **THE ONLY SIGN ON SITE IS USED TO DEMARCAT E WILMINGTON OPEN SPACE.**

SWIMMING POOLS - accessibility can be via ramp, lifting device, or transfer area				
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>	
Ramp at least 34" wide with a non-slip surface extending into the shallow end, slope not exceeding 1:6 with handrails on both sides			THERE ARE NO SWIMMING POOLS ON SITE.	
Lifting device				
Transfer area 18" above the path of travel and a minimum of 18" wide				
Unobstructed path of travel not less than 48" wide around pool				
Non-slip surface				
SHOWER ROOMS - Showers must accommodate both wheel-in and transfer use				
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>	
Stalls 36" by 60" minimum, with a 36" door opening			THERE ARE NO SHOWERS ON SITE.	
Floors are pitched to drain the stall at the corner farthest from entrance				
Floors are non-slip surface				
Controls operate by a single lever with a pressure balance mixing valve				
Controls are located on the center wall adjacent to the hinged seat				
Shower heads attached to a flexible metal hose				
Shower heads attached to wall mounting adjustable from 42" to 72" above the floor				
Seat is hinged and padded and at least 16" deep, folds upward, securely attached to side wall, height is 18" to the top of the seat, and at least 24" long				
Soap trays without handhold features unless they can support 250 pounds				
2 grab bars are provided, one 30" and one 48" long, or one continuous L shaped bar				
Grab bars are placed horizontally at 36" above the floor line				
PICNICKING				
<i>Specification</i>	<i>Yes</i>	<i>No</i>		<i>Comments/Transition Notes</i>
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access				THERE ARE NO PICNIC FACILITIES ON SITE.
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.				
Top of table no higher than 32" above ground				
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions				
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter				

Facility Inventory LOCATION: MARJORIE RD CONSERVATION SUBDIVISION, WILMINGTON

ACTIVITY	EQUIPMENT	NOTES
Picnic Facilities N / A	Tables & Benches	Located adjacent to accessible paths
		Access to Open Spaces
		Back and Arm Rests
		Adequate number
	Grills	Height of Cooking Surface
	Trash Cans	Located adjacent to accessible paths
		Located adjacent to accessible paths
		Located adjacent to accessible paths
	Picnic Shelters	Located near accessible water fountains, trash can, restroom, parking, etc.
Trails		Surface material - WOOD CHIPS
		Dimensions - 5 FEET
		Rails - NONE
		Signage (for visually impaired) NONE.
Swimming Facilities N / A	Pools	Entrance
		Location from accessible parking
		Safety features i.e. warning for visually impaired
	Beaches	Location from accessible path into water
		Handrails
		Location from accessible parking
		Shade provided
Play Areas (tot lots) N / A	All Play Equipment i.e. swings, slides	Same experience provided to all
	Access Routes	Located adjacent to accessible paths
		Enough space between equipment for wheelchair
Game Areas: *ballfield *basketball *tennis	Access Routes	Located adjacent to accessible paths
		Berm cuts onto courts
	Equipment	Height
		Dimensions
		Spectator Seating
Boat Docks N / A	Access Routes	Located adjacent to accessible paths
		Handrails
Fishing Facilities N / A	Access Routes	Located adjacent to accessible paths
		Handrails
	Equipment	Arm Rests
		Bait Shelves
		Handrails
		Fish Cleaning Tables
Programming N / A	Are special programs at your facilities accessible?	Learn-to-Swim
		Guided Hikes
		Interpretive Programs
Services and Technical Assistance	Information available in alternative formats i.e. for visually impaired	
	Process to request interpretive services (i.e. sign language interpreter) for meetings	

Facility Inventory LOCATION: MARJORIE RD CONSERVATION SUBDIVISION, WILMINGTON

PARKING			
<i>Total Spaces</i>	<i>TWO (2) SPACES ON SITE.</i>		<i>Required Accessible Spaces</i>
Up to 25			1 space
26-50			2 spaces
51-75			3 spaces
76-100			4 spaces
101-150			5 spaces
151-200			6 spaces
201-300			7 spaces
301-400			8 spaces
401-500			9 spaces
<i>Specification for Accessible Spaces</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Accessible space located closest to accessible entrance	X		THERE ARE NO BUILDING ENTRANCES.
Where spaces cannot be located within 200 ft of accessible entrance, drop-off area is provided within 100 ft.			
Minimum width of 13 ft includes 8 ft space plus 5 ft access aisle		X	
Van space - minimum of 1 van space for every accessible space, 8 ft wide plus 8 ft aisle. Alternative is to make all accessible spaces 11 ft wide with 5 ft aisle.		X	
Sign with international symbol of accessibility at each space or pair of spaces		X	
Sign minimum 5 ft, maximum 8 ft to top of sign		X	
Surface evenly paved or hard-packed (no cracks)	X		
Surface slope less than 1:20, 5%	X		
Curbscut to pathway from parking lot at each space or pair of spaces, if sidewalk (curb) is present	X		
Curbscut is a minimum width of 3 ft, excluding sloped sides, has sloped sides, all slopes not to exceed 1:12, and textured or painted yellow		X	
RAMPS			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Slope Maximum 1:12			THERE ARE NO RAMPS ON SITE.
Minimum width 4 ft between handrails			
Handrails on both sides if ramp is longer than 6 ft			
Handrails at 34" and 19" from ramp surface			
Handrails extend 12" beyond top and bottom			
Handgrip oval or round			
Handgrip smooth surface			
Handgrip diameter between 1½" and 2"			
Clearance of 1½" between wall and wall rail			
Non-slip surface			
Level platforms (4ft x 4 ft) at every 30 ft, at top, at bottom, at change of direction			
SITE ACCESS, PATH OF TRAVEL, ENTRANCES			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Site Access			
Accessible path of travel from passenger disembarking area and parking area to accessible entrance	X		
Disembarking area at accessible entrance		X	THERE ARE NO BUILDINGS ON SITE.
Surface evenly paved or hard-packed	X		
No ponding of water	X		

Facility Inventory LOCATION: MARJORIE RD CONSERVATION SUBDIVISION, WILMINGTON

Path of Travel			
Path does not require the use of stairs	X		
Path is stable, firm and slip resistant	X		
3 ft wide minimum	X		
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50).	X		
Continuous common surface, no changes in level greater than $\frac{1}{2}$ inch	X		
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane	X		
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"	X		
Curb on the pathway must have curb cuts at drives, parking and drop-offs			THERE ARE NO CURBS ON THE PATHWAY.
Entrances			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and <i>not</i> be the service entrance			THERE ARE NO BUILDINGS ON SITE.
Level space extending 5 ft. from the door, interior and exterior of entrance doors			
Minimum 32" clear width opening (i.e. 36" door with standard hinge)			
At least 18" clear floor area on latch, pull side of door			
Door handle no higher than 48" and operable with a closed fist			
Vestibule is 4 ft plus the width of the door swinging into the space			
Entrance(s) on a level that makes elevators accessible			
Door mats less than $\frac{1}{2}$ " thick are securely fastened			
Door mats more than $\frac{1}{2}$ " thick are recessed			
Grates in path of travel have openings of $\frac{1}{2}$ " maximum			
Signs at non-accessible entrance(s) indicate direction to accessible entrance			
Emergency egress - alarms with flashing lights and audible signals, sufficiently lighted			
STAIRS and DOORS			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Stairs			
THERE ARE NO STAIRS ON SITE			
No open risers			
Nosings not projecting			
Treads no less than 11" wide			
Handrails on both sides			
Handrails 34"-38" above tread			
Handrail extends a minimum of 1 ft beyond top and bottom riser (if no safety hazard and space permits)			
Handgrip oval or round			
Handgrip has a smooth surface			
Handgrip diameter between $1\frac{1}{4}$ " and $1\frac{1}{2}$ "			
$1\frac{1}{2}$ " clearance between wall and handrail			

Facility Inventory LOCATION: MARJORIE RD CONSERVATION SUBDIVISION, WILMINGTON

Doors			
<i>THERE ARE NO DOORS ON SITE</i>			
Minimum 32" clear opening			
At least 18" clear floor space on pull side of door			
Closing speed minimum 3 seconds to within 3" of the latch			
Maximum pressure 5 pounds interior doors			
Threshold maximum $\frac{1}{2}$ " high, beveled on both sides			
Hardware operable with a closed fist (no conventional door knobs or thumb latch devices)			
Hardware minimum 36", maximum 48" above the floor			
Clear, level floor space extends out 5 ft from both sides of the door			
Door adjacent to revolving door is accessible and unlocked			
Doors opening into hazardous area have hardware that is knurled or roughened			
RESTROOMS – also see Doors and Vestibules			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
5 ft turning space measured 12" from the floor			
At least one Sink:			
<i>THERE ARE NO RESTROOMS ON SITE.</i>			
Clear floor space of 30" by 48" to allow a forward approach			
Mounted without pedestal or legs, height 34" to top of rim			
Extends at least 22" from the wall			
Open knee space a minimum 19" deep, 30" width, and 27" high			
Cover exposed pipes with insulation			
Faucets operable with closed fist (lever or spring activated handle)			
At least one Stall:			
<i>THERE ARE NO RESTROOMS ON SITE.</i>			
Accessible to person using wheelchair at 60" wide by 72" deep			
Stall door is 36" wide			
Stall door swings out			
Stall door is self closing			
Stall door has a pull latch			
Lock on stall door is operable with a closed fist, and 32" above the floor			
Coat hook is 54" high			
Toilet			
<i>THERE ARE NO RESTROOMS ON SITE.</i>			
18" from center to nearest side wall			
42" minimum clear space from center to farthest wall or fixture			
Top of seat 17"-19" above the floor			
Grab Bars			
On back and side wall closest to toilet			
$1\frac{1}{4}$ " diameter			
$1\frac{1}{2}$ " clearance to wall			
Located 30" above and parallel to the floor			
Acid-etched or roughened surface			
42" long			

Facility Inventory LOCATION: MARJORIE RD CONSERVATION SUBDIVISION, WILMINGTON

Fixtures			
THERE ARE NO RESTROOMS ON SITE.			
Toilet paper dispenser is 24" above floor			
One mirror set a maximum 38" to bottom (if tilted, 42")			
Dispensers (towel, soap, etc) at least one of each a maximum 42" above the floor			
FLOORS, DRINKING FOUNTAINS, TELEPHONES			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Floors			
THERE ARE NO BUILDINGS / FLOORS ON SITE.			
Non-slip surface			
Carpeting is high-density, low pile, non-absorbent, stretched taut, securely anchored			
Corridor width minimum is 3 ft			
Objects (signs, ceiling lights, fixtures) can only protrude 4" into the path of travel from a height of 27" to 80" above the floor			
Drinking Fountains			
THERE ARE NO DRINKING FOUNTAINS ON SITE.			
Spouts no higher than 36" from floor to outlet			
Hand operated push button or level controls			
Spouts located near front with stream of water as parallel to front as possible			
If recessed, recess a minimum 30" width, and no deeper than depth of fountain			
If no clear knee space underneath, clear floor space 30" x 48" to allow parallel approach			
Telephones			
THERE ARE NO TELEPHONES ON SITE.			
Highest operating part a maximum 54" above the floor			
Access within 12" of phone, 30" high by 30" wide			
Adjustable volume control on headset so identified			
SIGNS, SIGNALS, AND SWITCHES			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Switches, Controls and Signs			
Switches and controls for light, heat, ventilation, windows, fire alarms, thermostats, etc, must be a minimum of 36" and a maximum of 48" above the floor for a forward reach, a maximum of 54" for a side reach			THERE ARE NO BUILDINGS ON SITE.
Electrical outlets centered no lower than 18" above the floor			THERE ARE NO BUILDINGS ON SITE.
Warning signals must be visual as well as audible			
Signs			
Mounting height must be 60" to centerline of the sign	X		
Within 18" of door jamb or recessed		X	
Letters and numbers a t least 1¼" high		X	
Letters and numbers raised .03"		X	
Letters and numbers contrast with the background color	X		
SWIMMING POOLS - accessibility can be via ramp, lifting device, or transfer area			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Ramp at least 34" wide with a non-slip surface extending into the shallow end, slope not exceeding 1:6 with handrails on both sides			THERE ARE NO SWIMMING POOLS ON SITE.

Facility Inventory LOCATION: MARJORIE RD CONSERVATION SUBDIVISION, WILMINGTON

Lifting device			
Transfer area 18" above the path of travel and a minimum of 18" wide			THERE ARE NO SWIMMING POOLS ON SITE.
Unobstructed path of travel not less than 48" wide around pool			THERE ARE NO SWIMMING POOLS ON SITE.
Non-slip surface			
SHOWER ROOMS - Showers must accommodate both wheel-in and transfer use			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Stalls 36" by 60" minimum, with a 36" door opening			
Floors are pitched to drain the stall at the corner farthest from entrance			THERE ARE NO SHOWER FACILITIES ON SITE.
Floors are non-slip surface			
Controls operate by a single lever with a pressure balance mixing valve			THERE ARE NO SHOWER FACILITIES ON SITE.
Controls are located on the center wall adjacent to the hinged seat			THERE ARE NO SHOWER FACILITIES ON SITE.
Shower heads attached to a flexible metal hose			
Shower heads attached to wall mounting adjustable from 42" to 72" above the floor			THERE ARE NO SHOWER FACILITIES ON SITE.
Seat is hinged and padded and at least 16" deep, folds upward, securely attached to side wall, height is 18" to the top of the seat, and at least 24" long			THERE ARE NO SHOWER FACILITIES ON SITE.
Soap trays without handhold features unless they can support 250 pounds			THERE ARE NO SHOWER FACILITIES ON SITE.
2 grab bars are provided, one 30" and one 48" long, or one continuous L shaped bar			THERE ARE NO SHOWER FACILITIES ON SITE.
Grab bars are placed horizontally at 36" above the floor line			THERE ARE NO SHOWER FACILITIES ON SITE.
PICNICKING			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access			THERE ARE NO PICNIC FACILITIES ON SITE.
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.			THERE ARE NO PICNIC FACILITIES ON SITE.
Top of table no higher than 32" above ground			
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions			THERE ARE NO PICNIC FACILITIES ON SITE.
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter			THERE ARE NO PICNIC FACILITIES ON SITE.

Facility Inventory LOCATION: MCGRANE WOODS CONS. SUBDIV., WILMINGTON

ACTIVITY	EQUIPMENT	NOTES
Picnic Facilities N / A	Tables & Benches	Located adjacent to accessible paths
		Access to Open Spaces
		Back and Arm Rests
		Adequate number
	Grills	Height of Cooking Surface
	Trash Cans	Located adjacent to accessible paths
		Located adjacent to accessible paths
		Located adjacent to accessible paths
	Picnic Shelters	Located near accessible water fountains, trash can, restroom, parking, etc.
Trails	To be constructed	Surface material
		Dimensions
		Rails
		Signage (for visually impaired)
Swimming Facilities N / A	Pools	Entrance
		Location from accessible parking
		Safety features i.e. warning for visually impaired
	Beaches	Location from accessible path into water
		Handrails
		Location from accessible parking
Play Areas (tot lots) N / A	All Play Equipment i.e. swings, slides	Same experience provided to all
	Access Routes	Located adjacent to accessible paths
		Enough space between equipment for wheelchair
Game Areas: *ballfield *basketball *tennis N / A	Access Routes	Located adjacent to accessible paths
		Berm cuts onto courts
	Equipment	Height
		Dimensions
		Spectator Seating
Boat Docks	Access Routes	Located adjacent to accessible paths
		Handrails
Fishing Facilities N / A	Access Routes	Located adjacent to accessible paths
		Handrails
	Equipment	Arm Rests
		Bait Shelves
		Handrails
		Fish Cleaning Tables
Programming N / A	Are special programs at your facilities accessible?	Learn-to-Swim
		Guided Hikes
		Interpretive Programs
Services and Technical Assistance	Information available in alternative formats i.e. for visually impaired	
	Process to request interpretive services (i.e. sign language interpreter) for meetings	

Facility Inventory LOCATION: MCGRANE WOODS CONS. SUBDIV., WILMINGTON

PARKING			
<i>Total Spaces</i>	<i>NONE</i>		<i>Required Accessible Spaces</i>
Up to 25			1 space
26-50			2 spaces
51-75			3 spaces
76-100			4 spaces
101-150			5 spaces
151-200			6 spaces
201-300			7 spaces
301-400			8 spaces
401-500			9 spaces
<i>Specification for Accessible Spaces</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Accessible space located closest to accessible entrance			N / A
Where spaces cannot be located within 200 ft of accessible entrance, drop-off area is provided within 100 ft.			N / A
Minimum width of 13 ft includes 8 ft space plus 5 ft access aisle			N / A
Van space - minimum of 1 van space for every accessible space, 8 ft wide plus 8 ft aisle. Alternative is to make all accessible spaces 11 ft wide with 5 ft aisle.			N / A
Sign with international symbol of accessibility at each space or pair of spaces			N / A
Sign minimum 5 ft, maximum 8 ft to top of sign			N / A
Surface evenly paved or hard-packed (no cracks)			N / A
Surface slope less than 1:20, 5%			N / A
Curbside to pathway from parking lot at each space or pair of spaces, if sidewalk (curb) is present			N / A
Curbside is a minimum width of 3 ft, excluding sloped sides, has sloped sides, all slopes not to exceed 1:12, and textured or painted yellow			N / A
RAMPS			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Slope Maximum 1:12			N / A
Minimum width 4 ft between handrails			N / A
Handrails on both sides if ramp is longer than 6 ft			N / A
Handrails at 34" and 19" from ramp surface			N / A
Handrails extend 12" beyond top and bottom			N / A
Handgrip oval or round			N / A
Handgrip smooth surface			N / A
Handgrip diameter between 1 1/4" and 2"			N / A
Clearance of 1 1/2" between wall and wall rail			N / A
Non-slip surface			N / A
Level platforms (4ft x 4 ft) at every 30 ft, at top, at bottom, at change of direction			N / A
SITE ACCESS, PATH OF TRAVEL, ENTRANCES			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Site Access			
Accessible path of travel from passenger disembarking area and parking area to accessible entrance			N / A
Disembarking area at accessible entrance			N / A
Surface evenly paved or hard-packed			N / A
No ponding of water			N / A

Facility Inventory LOCATION: MCGRANE WOODS CONS. SUBDIV., WILMINGTON

Path of Travel			
Path does not require the use of stairs			N / A
Path is stable, firm and slip resistant			N / A
3 ft wide minimum			N / A
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50).			N / A
Continuous common surface, no changes in level greater than $\frac{1}{2}$ inch			N / A
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane			N / A
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"			N / A
Curb on the pathway must have curb cuts at drives, parking and drop-offs			N / A
Entrances			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and <i>not</i> be the service entrance			N / A
Level space extending 5 ft. from the door, interior and exterior of entrance doors			N / A
Minimum 32" clear width opening (i.e. 36" door with standard hinge)			N / A
At least 18" clear floor area on latch, pull side of door			N / A
Door handle no higher than 48" and operable with a closed fist			N / A
Vestibule is 4 ft plus the width of the door swinging into the space			N / A
Entrance(s) on a level that makes elevators accessible			N / A
Door mats less than $\frac{1}{2}$ " thick are securely fastened			N / A
Door mats more than $\frac{1}{2}$ " thick are recessed			N / A
Grates in path of travel have openings of $\frac{1}{2}$ " maximum			N / A
Signs at non-accessible entrance(s) indicate direction to accessible entrance			N / A
Emergency egress - alarms with flashing lights and audible signals, sufficiently lighted			N / A
STAIRS and DOORS			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Stairs <i>THERE ARE NO STAIRS ON SITE.</i>			
No open risers			
Nosings not projecting			
Treads no less than 11" wide			
Handrails on both sides			
Handrails 34"-38" above tread			
Handrail extends a minimum of 1 ft beyond top and bottom riser (if no safety hazard and space permits)			
Handgrip oval or round			
Handgrip has a smooth surface			
Handgrip diameter between $1\frac{1}{4}$ " and $1\frac{1}{2}$ "			
$1\frac{1}{2}$ " clearance between wall and handrail			

Facility Inventory LOCATION: MCGRANE WOODS CONS. SUBDIV., WILMINGTON

Doors			
<i>THERE ARE NO DOORS ON SITE</i>			
Minimum 32" clear opening			
At least 18" clear floor space on pull side of door			
Closing speed minimum 3 seconds to within 3" of the latch			
Maximum pressure 5 pounds interior doors			
Threshold maximum $\frac{1}{2}$ " high, beveled on both sides			
Hardware operable with a closed fist (no conventional door knobs or thumb latch devices)			
Hardware minimum 36", maximum 48" above the floor			
Clear, level floor space extends out 5 ft from both sides of the door			
Door adjacent to revolving door is accessible and unlocked			
Doors opening into hazardous area have hardware that is knurled or roughened			
RESTROOMS – also see Doors and Vestibules			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
5 ft turning space measured 12" from the floor			
<i>At least one Sink: THERE ARE NO RESTROOMS ON SITE</i>			
Clear floor space of 30" by 48" to allow a forward approach			
Mounted without pedestal or legs, height 34" to top of rim			
Extends at least 22" from the wall			
Open knee space a minimum 19" deep, 30" width, and 27" high			
Cover exposed pipes with insulation			
Faucets operable with closed fist (lever or spring activated handle)			
<i>At least one Stall:</i>			
Accessible to person using wheelchair at 60" wide by 72" deep			
Stall door is 36" wide			
Stall door swings out			
Stall door is self closing			
Stall door has a pull latch			
Lock on stall door is operable with a closed fist, and 32" above the floor			
Coat hook is 54" high			
<i>Toilet THERE ARE NO RESTROOMS ON SITE</i>			
18" from center to nearest side wall			
42" minimum clear space from center to farthest wall or fixture			
Top of seat 17"-19" above the floor			
Grab Bars			
On back and side wall closest to toilet			
$1\frac{1}{2}$ " diameter			
$1\frac{1}{2}$ " clearance to wall			
Located 30" above and parallel to the floor			
Acid-etched or roughened surface			
42" long			
Fixtures			
Toilet paper dispenser is 24" above floor			
One mirror set a maximum 38" to bottom (if tilted, 42")			

Facility Inventory LOCATION: MCGRANE WOODS CONS. SUBDIV., WILMINGTON

Dispensers (towel, soap, etc) at least one of each a maximum 42" above the floor			
FLOORS, DRINKING FOUNTAINS, TELEPHONES			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Floors <i>THERE ARE NO BUILDINGS / FLOORS ON SITE</i>			
Non-slip surface			
Carpeting is high-density, low pile, non-absorbent, stretched taut, securely anchored			
Corridor width minimum is 3 ft			
Objects (signs, ceiling lights, fixtures) can only protrude 4" into the path of travel from a height of 27" to 80" above the floor			
Drinking Fountains <i>THERE ARE NO DRINKING FOUNTAINS ON SITE</i>			
Spouts no higher than 36" from floor to outlet			
Hand operated push button or level controls			
Spouts located near front with stream of water as parallel to front as possible			
If recessed, recess a minimum 30" width, and no deeper than depth of fountain			
If no clear knee space underneath, clear floor space 30" x 48" to allow parallel approach			
Telephones <i>THERE ARE NO STAIRS ON SITE</i>			
Highest operating part a maximum 54" above the floor			
Access within 12" of phone, 30" high by 30" wide			
Adjustable volume control on headset so identified			
SIGNS, SIGNALS, AND SWITCHES			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Switches, Controls and Signs			
Switches and controls for light, heat, ventilation, windows, fire alarms, thermostats, etc, must be a minimum of 36" and a maximum of 48" above the floor for a forward reach, a maximum of 54" for a side reach			
Electrical outlets centered no lower than 18" above the floor			
Warning signals must be visual as well as audible			
Signs <i>N / A</i>			
Mounting height must be 60" to centerline of the sign			
Within 18" of door jamb or recessed			
Letters and numbers at least 1½" high			
Letters and numbers raised .03"			
Letters and numbers contrast with the background color			
SWIMMING POOLS - accessibility can be via ramp, lifting device, or transfer area			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Ramp at least 34" wide with a non-slip surface extending into the shallow end, slope not exceeding 1:6 with handrails on both sides			THERE ARE NO SWIMMING POOLS ON SITE.
Lifting device			
Transfer area 18" above the path of travel and a minimum of 18" wide			
Unobstructed path of travel not less than 48" wide around pool			THERE ARE NO SWIMMING POOLS ON SITE.
Non-slip surface			

Facility Inventory LOCATION: MCGRANE WOODS CONS. SUBDIV., WILMINGTON

SHOWER ROOMS - Showers must accommodate both wheel-in and transfer use			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Stalls 36" by 60" minimum, with a 36" door opening			
Floors are pitched to drain the stall at the corner farthest from entrance			THERE ARE NO SHOWER ROOMS ON SITE.
Floors are non-slip surface			N / A
Controls operate by a single lever with a pressure balance mixing valve			N / A
Controls are located on the center wall adjacent to the hinged seat			N / A
Shower heads attached to a flexible metal hose			N / A
Shower heads attached to wall mounting adjustable from 42" to 72" above the floor			N / A
Seat is hinged and padded and at least 16" deep, folds upward, securely attached to side wall, height is 18" to the top of the seat, and at least 24" long			N / A
Soap trays without handhold features unless they can support 250 pounds			N / A
2 grab bars are provided, one 30" and one 48" long, or one continuous L shaped bar			N / A
Grab bars are placed horizontally at 36" above the floor line			N / A
PICNICKING			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access			THERE ARE NO PICNIC FACILITIES ON SITE.
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.			THERE ARE NO PICNIC FACILITIES ON SITE.
Top of table no higher than 32" above ground			
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions			THERE ARE NO PICNIC FACILITIES ON SITE.
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter			THERE ARE NO PICNIC FACILITIES ON SITE.

Facility Inventory
LOCATION: Pilcher Drive (Corum Meadow)

ACTIVITY	EQUIPMENT	NOTES
Picnic Facilities (<i>none</i>)	Tables & Benches	Located adjacent to accessible paths
		Access to Open Spaces
		Back and Arm Rests
		Adequate number
	Grills	Height of Cooking Surface
	Trash Cans	Located adjacent to accessible paths
		Located adjacent to accessible paths
Trails		Located near accessible water fountains, trash can, restroom, parking, etc.
		Surface material <i>dirt</i>
		Dimensions <i>about 8' wide</i>
		Rails <i>none</i>
Swimming Facilities (<i>none</i>)	Pools	Signage (for visually impaired) <i>none</i>
		Entrance
		Location from accessible parking
	Beaches	Safety features i.e. warning for visually impaired
		Location from accessible path into water
		Handrails
		Location from accessible parking
Play Areas (tot lots) (<i>none</i>)	All Play Equipment i.e. swings, slides	Shade provided
		Same experience provided to all
	Access Routes	Located adjacent to accessible paths
Game Areas: *ballfield *basketball *tennis (<i>none</i>)	Access Routes	Enough space between equipment for wheelchair
		Located adjacent to accessible paths
	Equipment	Berm cuts onto courts
		Height
		Dimensions
		Spectator Seating
Boat Docks (<i>none</i>)	Access Routes	Located adjacent to accessible paths
		Handrails
Fishing Facilities <i>Fishing from path</i>	Access Routes	Located adjacent to accessible paths <i>yes</i>
		Handrails (<i>none</i>)
	Equipment (<i>none</i>)	Arm Rests
		Bait Shelves
		Handrails
		Fish Cleaning Tables
Programming (<i>none</i>)	Are special programs at your facilities accessible?	Learn-to-Swim
		Guided Hikes
		Interpretive Programs
Services and Technical Assistance*	Information available in alternative formats i.e. for visually impaired	
	Process to request interpretive services (i.e. sign language interpreter) for meetings	

Facility Inventory
LOCATION: Pilcher Drive (Corum Meadow)

PARKING on street; there is no building			
<i>Total Spaces</i>		<i>Required Accessible Spaces</i>	
Up to 25		1 space	
26-50		2 spaces	
51-75		3 spaces	
76-100		4 spaces	
101-150		5 spaces	
151-200		6 spaces	
201-300		7 spaces	
301-400		8 spaces	
401-500		9 spaces	
<i>Specification for Accessible Spaces</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Accessible space located closest to accessible entrance (no building so no accessible entry)			
Where spaces cannot be located within 200 ft of accessible entrance, drop-off area is provided within 100 ft.			
Minimum width of 13 ft includes 8 ft space plus 5 ft access aisle			
Van space - minimum of 1 van space for every accessible space, 8 ft wide plus 8 ft aisle. Alternative is to make all accessible spaces 11 ft wide with 5 ft aisle.			
Sign with international symbol of accessibility at each space or pair of spaces			
Sign minimum 5 ft, maximum 8 ft to top of sign			
Surface evenly paved or hard-packed (no cracks)			
Surface slope less than 1:20, 5%			
Curbscut to pathway from parking lot at each space or pair of spaces, if sidewalk (curb) is present			
Curbscut is a minimum width of 3 ft, excluding sloped sides, has sloped sides, all slopes not to exceed 1:12, and textured or painted yellow			
RAMPS (none)			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Slope Maximum 1:12			
Minimum width 4 ft between handrails			
Handrails on both sides if ramp is longer than 6 ft			
Handrails at 34" and 19" from ramp surface			
Handrails extend 12" beyond top and bottom			
Handgrip oval or round			
Handgrip smooth surface			
Handgrip diameter between 1½" and 2"			
Clearance of 1½" between wall and wall rail			
Non-slip surface			
Level platforms (4ft x 4 ft) at every 30 ft, at top, at bottom, at change of direction			
SITE ACCESS, PATH OF TRAVEL, ENTRANCES (no buildings)			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Site Access			
Accessible path of travel from passenger disembarking area and parking area to accessible entrance (no building so no accessible entry)			Fairly level between pavement and dirt path continuing to the small pond
Disembarking area at accessible entrance			
Surface evenly paved or hard-packed	yes		

Facility Inventory
LOCATION: Pilcher Drive (Corum Meadow)

No ponding of water			
Path of Travel			
Path does not require the use of stairs	yes		
Path is stable, firm and slip resistant	yes		
3 ft wide minimum	yes		
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50).			
Continuous common surface, no changes in level greater than $\frac{1}{2}$ inch			<i>Dirt path with some unevenness</i>
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane			<i>Path needs periodic maintenance to remove fallen branches and overgrown plants</i>
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"			<i>(no walls)</i>
Curb on the pathway must have curb cuts at drives, parking and drop-offs			<i>(no curbs)</i>
Entrances (no buildings)			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and <i>not</i> be the service entrance			
Level space extending 5 ft. from the door, interior and exterior of entrance doors			
Minimum 32" clear width opening (i.e. 36" door with standard hinge)			
At least 18" clear floor area on latch, pull side of door			
Door handle no higher than 48" and operable with a closed fist			
Vestibule is 4 ft plus the width of the door swinging into the space			
Entrance(s) on a level that makes elevators accessible			
Door mats less than $\frac{1}{2}$ " thick are securely fastened			
Door mats more than $\frac{1}{2}$ " thick are recessed			
Grates in path of travel have openings of $\frac{1}{2}$ " maximum			
Signs at non-accessible entrance(s) indicate direction to accessible entrance			
Emergency egress - alarms with flashing lights and audible signals, sufficiently lighted			
STAIRS and DOORS (none)			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Stairs (none)			
No open risers			
Nosings not projecting			
Treads no less than 11" wide			
Handrails on both sides			
Handrails 34"-38" above tread			
Handrail extends a minimum of 1 ft beyond top and bottom riser (if no safety hazard and space permits)			
Handgrip oval or round			
Handgrip has a smooth surface			
Handgrip diameter between $1\frac{1}{4}$ " and $1\frac{1}{2}$ "			
$1\frac{1}{2}$ " clearance between wall and handrail			

Facility Inventory
LOCATION: Pilcher Drive (Corum Meadow)

Doors (none)			
Minimum 32" clear opening			
At least 18" clear floor space on pull side of door			
Closing speed minimum 3 seconds to within 3" of the latch			
Maximum pressure 5 pounds interior doors			
Threshold maximum $\frac{1}{2}$ " high, beveled on both sides			
Hardware operable with a closed fist (no conventional door knobs or thumb latch devices)			
Hardware minimum 36", maximum 48" above the floor			
Clear, level floor space extends out 5 ft from both sides of the door			
Door adjacent to revolving door is accessible and unlocked			
Doors opening into hazardous area have hardware that is knurled or roughened			
RESTROOMS - also see Doors and Vestibules (none)			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
5 ft turning space measured 12" from the floor			
At least one Sink: (none)			
Clear floor space of 30" by 48" to allow a forward approach			
Mounted without pedestal or legs, height 34" to top of rim			
Extends at least 22" from the wall			
Open knee space a minimum 19" deep, 30" width, and 27" high			
Cover exposed pipes with insulation			
Faucets operable with closed fist (lever or spring activated handle)			
At least one Stall: (none)			
Accessible to person using wheelchair at 60" wide by 72" deep			
Stall door is 36" wide			
Stall door swings out			
Stall door is self closing			
Stall door has a pull latch			
Lock on stall door is operable with a closed fist, and 32" above the floor			
Coat hook is 54" high			
Toilet (none)			
18" from center to nearest side wall			
42" minimum clear space from center to farthest wall or fixture			
Top of seat 17"-19" above the floor			
Grab Bars (none)			
On back and side wall closest to toilet			
$1\frac{1}{4}$ " diameter			
$1\frac{1}{2}$ " clearance to wall			
Located 30" above and parallel to the floor			
Acid-etched or roughened surface			
42" long			
Fixtures (none)			
Toilet paper dispenser is 24" above floor			
One mirror set a maximum 38" to bottom (if tilted, 42")			

Facility Inventory
LOCATION: Pilcher Drive (Corum Meadow)

Dispensers (towel, soap, etc) at least one of each a maximum 42" above the floor			
FLOORS, DRINKING FOUNTAINS, TELEPHONES (none)			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Floors (none)			
Non-slip surface			
Carpeting is high-density, low pile, non-absorbent, stretched taut, securely anchored			
Corridor width minimum is 3 ft			
Objects (signs, ceiling lights, fixtures) can only protrude 4" into the path of travel from a height of 27" to 80" above the floor			
Drinking Fountains (none)			
Spouts no higher than 36" from floor to outlet			
Hand operated push button or level controls			
Spouts located near front with stream of water as parallel to front as possible			
If recessed, recess a minimum 30" width, and no deeper than depth of fountain			
If no clear knee space underneath, clear floor space 30" x 48" to allow parallel approach			
Telephones (none)			
Highest operating part a maximum 54" above the floor			
Access within 12" of phone, 30" high by 30" wide			
Adjustable volume control on headset so identified			
SIGNS, SIGNALS, AND SWITCHES (none)			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Switches, Controls and Signs (none)			
Switches and controls for light, heat, ventilation, windows, fire alarms, thermostats, etc, must be a minimum of 36" and a maximum of 48" above the floor for a forward reach, a maximum of 54" for a side reach			
Electrical outlets centered no lower than 18" above the floor			
Warning signals must be visual as well as audible			
Signs (none)			
Mounting height must be 60" to centerline of the sign			
Within 18" of door jamb or recessed			
Letters and numbers at least 1½" high			
Letters and numbers raised .03"			
Letters and numbers contrast with the background color			
SWIMMING POOLS - accessibility can be via ramp, lifting device, or transfer area (none)			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Ramp at least 34" wide with a non-slip surface extending into the shallow end, slope not exceeding 1:6 with handrails on both sides			
Lifting device			
Transfer area 18" above the path of travel and a minimum of 18" wide			
Unobstructed path of travel not less than 48" wide around pool			
Non-slip surface			

Facility Inventory
LOCATION: Pilcher Drive (Corum Meadow)

SHOWER ROOMS - Showers must accommodate both wheel-in and transfer use (<i>none</i>)			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Stalls 36" by 60" minimum, with a 36" door opening			
Floors are pitched to drain the stall at the corner farthest from entrance			
Floors are non-slip surface			
Controls operate by a single lever with a pressure balance mixing valve			
Controls are located on the center wall adjacent to the hinged seat			
Shower heads attached to a flexible metal hose			
Shower heads attached to wall mounting adjustable from 42" to 72" above the floor			
Seat is hinged and padded and at least 16" deep, folds upward, securely attached to side wall, height is 18" to the top of the seat, and at least 24" long			
Soap trays without handhold features unless they can support 250 pounds			
2 grab bars are provided, one 30" and one 48" long, or one continuous L shaped bar			
Grab bars are placed horizontally at 36" above the floor line			
PICNICKING <i>could picnic on the ground (no facilities)</i>			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access			
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.			
Top of table no higher than 32" above ground			
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions			
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter			

Facility Inventory LOCATION: Rotary Park (Church St. Adelaide St. Middlesex Ave.)

ACTIVITY	EQUIPMENT	NOTES
Picnic Facilities	Tables & Benches <i>yes</i>	Located adjacent to accessible paths <i>with grass in between</i>
		Access to Open Spaces <i>yes</i>
		Back and Arm Rests <i>no</i>
		Adequate number <i>yes</i>
	Grills (<i>none</i>)	Height of Cooking Surface
	Trash Cans	Located adjacent to accessible paths
		Located adjacent to accessible paths <i>yes</i>
		Located adjacent to accessible paths
Trails		Located near accessible water fountains, trash can, restroom, parking, etc.
		Surface material <i>stone dust</i>
		Dimensions <i>3-5' wide</i>
		Rails (<i>none</i>)
		Signage (for visually impaired) <i>no Braille, some signs with raised letters or routed letters</i>
Swimming Facilities (<i>none</i>)	Pools	Entrance
		Location from accessible parking
		Safety features i.e. warning for visually impaired
	Beaches	Location from accessible path into water
		Handrails
		Location from accessible parking
Play Areas (tot lots)	All Play Equipment i.e. swings, slides	Shade provided
	Access Routes	Same experience provided to all <i>yes</i>
		Located adjacent to accessible paths <i>with grass in between</i>
Game Areas: *ballfield <i>yes</i> *basketball <i>no</i> *tennis <i>no</i>	Access Routes	Enough space between equipment for wheelchair <i>yes</i>
		Located adjacent to accessible paths <i>yes</i>
	Equipment	Berm cuts onto courts (<i>no courts</i>)
		Height <i>n.a.</i>
		Dimensions <i>n.a.</i>
		Spectator Seating <i>yes</i>
Boat Docks (<i>none</i>)	Access Routes	Located adjacent to accessible paths
		Handrails
Fishing Facilities (<i>none</i>)	Access Routes	Located adjacent to accessible paths
		Handrails
	Equipment	Arm Rests
		Bait Shelves
		Handrails
		Fish Cleaning Tables
Programming <i>Little league</i>	Are special programs at your facilities accessible? <i>Not specifically-see data in this inventory</i>	Learn-to-Swim <i>no</i>
		Guided Hikes <i>no</i>
		Interpretive Programs <i>no</i>
Services and Technical Assistance*	Information available in alternative formats i.e. for visually impaired	
	Process to request interpretive services (i.e. sign language interpreter) for meetings	

Facility Inventory LOCATION: Rotary Park (Church St. Adelaide St. Middlesex Ave.)

PARKING (note buildings are dugout for players, gazebo for the public, concession stand accessed from outside, not what is usually meant by "building")			
<i>Total Spaces</i>		<i>Required Accessible Spaces</i>	
Up to 25		1 space	
26-50 x		2 spaces <i>yes but only one with handicap sign</i>	
51-75		3 spaces	
76-100		4 spaces	
101-150		5 spaces	
151-200		6 spaces	
201-300		7 spaces	
301-400		8 spaces	
401-500		9 spaces	
<i>Specification for Accessible Spaces</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Accessible space located closest to accessible entrance (<i>buildings don't have accessible entry</i>)	x		<i>Path is tar, dirt, grass and uneven; it needs maintenance to even the surface</i>
Where spaces cannot be located within 200 ft of accessible entrance, drop-off area is provided within 100 ft.		x	<i>(no drop-off area; gazebo is over 100' from parking and grade change is not conducive to handicap access)</i>
Minimum width of 13 ft includes 8 ft space plus 5 ft access aisle	x		
Van space - minimum of 1 van space for every accessible space, 8 ft wide plus 8 ft aisle. Alternative is to make all accessible spaces 11 ft wide with 5 ft aisle.			
Sign with international symbol of accessibility at each space or pair of spaces	x		<i>Only at one space that shares the aisle; could add a sign at 2nd space</i>
Sign minimum 5 ft, maximum 8 ft to top of sign	x		
Surface evenly paved or hard-packed (no cracks)	x		
Surface slope less than 1:20, 5%	x		
Curbscut to pathway from parking lot at each space or pair of spaces, if sidewalk (curb) is present	x		<i>Curb cut away at end of aisle; no sidewalk</i>
Curbscut is a minimum width of 3 ft, excluding sloped sides, has sloped sides, all slopes not to exceed 1:12, and textured or painted yellow	x		<i>Curb cut away at end of aisle; path is dirt and grass slope</i>
RAMPS (<i>none</i>)			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Slope Maximum 1:12			
Minimum width 4 ft between handrails			
Handrails on both sides if ramp is longer than 6 ft			
Handrails at 34" and 19" from ramp surface			
Handrails extend 12" beyond top and bottom			
Handgrip oval or round			
Handgrip smooth surface			
Handgrip diameter between 1½" and 2"			
Clearance of 1½" between wall and wall rail			
Non-slip surface			
Level platforms (4ft x 4 ft) at every 30 ft, at top, at bottom, at change of direction			
SITE ACCESS, PATH OF TRAVEL, ENTRANCES (<i>no building has accessible entry</i>)			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Site Access			
Accessible path of travel from passenger disembarking area and parking area to accessible entrance (<i>no building has accessible entry</i>)			<i>Buildings all are raised a few inches; path from parking needs maintenance to make smoother surfaces</i>
Disembarking area at accessible entrance			

Facility Inventory LOCATION: Rotary Park (Church St. Adelaide St. Middlesex Ave.)

Surface evenly paved or hard-packed			<i>Parts are but sections closest to parking need maintenance</i>
No ponding of water			
Path of Travel			
Path does not require the use of stairs	x		
Path is stable, firm and slip resistant	x		<i>(short sections of soft soil)</i>
3 ft wide minimum	x		
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50).			
Continuous common surface, no changes in level greater than $\frac{1}{2}$ inch		x	
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane	x		
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"	x		
Curb on the pathway must have curb cuts at drives, parking and drop-offs	x		
Entrances (buildings do not have an accessible entry-see notes above)			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and <i>not</i> be the service entrance			
Level space extending 5 ft. from the door, interior and exterior of entrance doors			
Minimum 32" clear width opening (i.e. 36" door with standard hinge)			
At least 18" clear floor area on latch, pull side of door			
Door handle no higher than 48" and operable with a closed fist			
Vestibule is 4 ft plus the width of the door swinging into the space			
Entrance(s) on a level that makes elevators accessible			
Door mats less than $\frac{1}{2}$ " thick are securely fastened			
Door mats more than $\frac{1}{2}$ " thick are recessed			
Grates in path of travel have openings of $\frac{1}{2}$ " maximum			
Signs at non-accessible entrance(s) indicate direction to accessible entrance			
Emergency egress - alarms with flashing lights and audible signals, sufficiently lighted			
STAIRS and DOORS			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Stairs (none)			
No open risers			
Nosings not projecting			
Treads no less than 11" wide			
Handrails on both sides			
Handrails 34"-38" above tread			
Handrail extends a minimum of 1 ft beyond top and bottom riser (if no safety hazard and space permits)			
Handgrip oval or round			
Handgrip has a smooth surface			
Handgrip diameter between $1\frac{1}{4}$ " and $1\frac{1}{2}$ "			

Facility Inventory LOCATION: Rotary Park (Church St. Adelaide St. Middlesex Ave.)

1½" clearance between wall and handrail			
Doors (no doors to public entrance)			
Minimum 32" clear opening			
At least 18" clear floor space on pull side of door			
Closing speed minimum 3 seconds to within 3" of the latch			
Maximum pressure 5 pounds interior doors			
Threshold maximum ½" high, beveled on both sides			
Hardware operable with a closed fist (no conventional door knobs or thumb latch devices)			
Hardware minimum 36", maximum 48" above the floor			
Clear, level floor space extends out 5 ft from both sides of the door			
Door adjacent to revolving door is accessible and unlocked			
Doors opening into hazardous area have hardware that is knurled or roughened			
RESTROOMS - also see Doors and Vestibules (port-a-potties-have to step up to use)			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
5 ft turning space measured 12" from the floor		x	
At least one Sink: (none)			
Clear floor space of 30" by 48" to allow a forward approach			
Mounted without pedestal or legs, height 34" to top of rim			
Extends at least 22" from the wall			
Open knee space a minimum 19" deep, 30" width, and 27" high			
Cover exposed pipes with insulation			
Faucets operable with closed fist (lever or spring activated handle)			
At least one Stall: (port-a-potties-have to step up to use)			
Accessible to person using wheelchair at 60" wide by 72" deep		x	
Stall door is 36" wide			
Stall door swings out	x		
Stall door is self closing			(depends on how level the unit is set)
Stall door has a pull latch			
Lock on stall door is operable with a closed fist, and 32" above the floor			
Coat hook is 54" high		x	
Toilet (port-a-potties-have to step up to use)			
18" from center to nearest side wall			
42" minimum clear space from center to farthest wall or fixture		x	
Top of seat 17"-19" above the floor			
Grab Bars (port-a-potties-grab bar only on door)			
On back and side wall closest to toilet		x	
1½" diameter			
1½" clearance to wall			
Located 30" above and parallel to the floor			
Acid-etched or roughened surface			
42" long		x	

Facility Inventory LOCATION: Rotary Park (Church St. Adelaide St. Middlesex Ave.)

Fixtures			
Toilet paper dispenser is 24" above floor			
One mirror set a maximum 38" to bottom (if tilted, 42")		x	
Dispensers (towel, soap, etc) at least one of each a maximum 42" above the floor		x	
FLOORS, DRINKING FOUNTAINS, TELEPHONES			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Floors (gazebo)			
Non-slip surface			(wood-slipperiness depends if dry or wet)
Carpeting is high-density, low pile, non-absorbent, stretched taut, securely anchored			(none)
Corridor width minimum is 3 ft			(none)
Objects (signs, ceiling lights, fixtures) can only protrude 4" into the path of travel from a height of 27" to 80" above the floor			(none)
Drinking Fountains (none)			
Spouts no higher than 36" from floor to outlet			
Hand operated push button or level controls			
Spouts located near front with stream of water as parallel to front as possible			
If recessed, recess a minimum 30" width, and no deeper than depth of fountain			
If no clear knee space underneath, clear floor space 30" x 48" to allow parallel approach			
Telephones (none)			
Highest operating part a maximum 54" above the floor			
Access within 12" of phone, 30" high by 30" wide			
Adjustable volume control on headset so identified			
SIGNS, SIGNALS, AND SWITCHES			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Switches, Controls and Signs			
Switches and controls for light, heat, ventilation, windows, fire alarms, thermostats, etc, must be a minimum of 36" and a maximum of 48" above the floor for a forward reach, a maximum of 54" for a side reach			n.a.
Electrical outlets centered no lower than 18" above the floor			n.a.
Warning signals must be visual as well as audible			n.a.
Signs			
Mounting height must be 60" to centerline of the sign			(variable height for different signs)
Within 18" of door jamb or recessed			n.a.
Letters and numbers at least 1½" high	1 yes		(variable height for different signs)
Letters and numbers raised .03"	x	x	some raised letters; some routed; some flat
Letters and numbers contrast with the background color	x		
SWIMMING POOLS - accessibility can be via ramp, lifting device, or transfer area (none)			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Ramp at least 34" wide with a non-slip surface extending into the shallow end, slope not exceeding 1:6 with handrails on both sides			
Lifting device			
Transfer area 18" above the path of travel and a minimum of 18" wide			

Facility Inventory LOCATION: Rotary Park (Church St. Adelaide St. Middlesex Ave.)

Unobstructed path of travel not less than 48" wide around pool			
Non-slip surface			
SHOWER ROOMS - Showers must accommodate both wheel-in and transfer use (none)			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Stalls 36" by 60" minimum, with a 36" door opening			
Floors are pitched to drain the stall at the corner farthest from entrance			
Floors are non-slip surface			
Controls operate by a single lever with a pressure balance mixing valve			
Controls are located on the center wall adjacent to the hinged seat			
Shower heads attached to a flexible metal hose			
Shower heads attached to wall mounting adjustable from 42" to 72" above the floor			
Seat is hinged and padded and at least 16" deep, folds upward, securely attached to side wall, height is 18" to the top of the seat, and at least 24" long			
Soap trays without handhold features unless they can support 250 pounds			
2 grab bars are provided, one 30" and one 48" long, or one continuous L shaped bar			
Grab bars are placed horizontally at 36" above the floor line			
PICNICKING			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access		x	<i>Tables have fixed benches and the clear space (overhang) at the ends is under 19"; table height is 32" and ground clearance is about 30"</i>
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.			<i>Clearance between bench and underside of table is about 17"</i>
Top of table no higher than 32" above ground	x		
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions	x	x	<i>Over half the tables are at grade; all are on concrete pad (some pads raised 2-3"), generally surrounded by evenly graded grass</i>
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter			<i>(none)</i>

Facility Inventory
LOCATION: Robert Palmer Park (Glen Road at Town Hall)

ACTIVITY	EQUIPMENT	NOTES
Picnic Facilities	Tables & Benches	Located adjacent to accessible paths <i>yes</i>
		Access to Open Spaces <i>yes</i>
		Back and Arm Rests <i>no</i>
		Adequate number <i>yes</i>
	Grills <i>(none)</i>	Height of Cooking Surface
	Trash Cans	Located adjacent to accessible paths
		Located adjacent to accessible paths <i>yes</i>
	Picnic Shelters <i>(none)</i>	Located adjacent to accessible paths
		Located near accessible water fountains, trash can, restroom, parking, etc.
Trails <i>(park abuts Glen Road Berry Bog which also has trails)</i>		Surface material <i>woodchips, dirt, grass</i>
		Dimensions <i>variable 6-8'</i>
		Rails <i>(none)</i>
		Signage (for visually impaired) <i>no signage for the blind</i>
Swimming Facilities <i>(none)</i>	Pools	Entrance
		Location from accessible parking
		Safety features i.e. warning for visually impaired
	Beaches	Location from accessible path into water
		Handrails
		Location from accessible parking
		Shade provided
Play Areas (tot lots) <i>yes</i>	All Play Equipment i.e. swings, slides	Same experience provided to all <i>yes</i>
	Access Routes	Located adjacent to accessible paths <i>yes</i>
		Enough space between equipment for wheelchair <i>yes</i>
Game Areas: *ballfield <i>yes</i> *basketball <i>yes</i> *tennis <i>no</i>	Access Routes	Located adjacent to accessible paths <i>yes</i>
		Berm cuts onto courts <i>(no berms)</i>
	Equipment	Height
		Dimensions
		Spectator Seating <i>(none)</i>
Boat Docks <i>(none)</i>	Access Routes	Located adjacent to accessible paths
Fishing Facilities <i>(none)</i>	Access Routes	Handrails
	Equipment	Arm Rests
		Bait Shelves
		Handrails
		Fish Cleaning Tables
	Programming <i>Pop Warner, little league</i>	Are special programs at your facilities accessible? <i>Not specifically-see above</i>
Guided Hikes <i>no</i>		
Interpretive Programs <i>no</i>		
Services and Technical Assistance*	Information available in alternative formats i.e. for visually impaired	
	Process to request interpretive services (i.e. sign language interpreter) for meetings	

Facility Inventory
LOCATION: Robert Palmer Park (Glen Road at Town Hall)

PARKING (at adjacent Town Hall)			
<i>Total Spaces</i>		<i>Required Accessible Spaces</i>	
Up to 25		1 space	
26-50		2 spaces	
51-75 x (4 accessible spaces at front door at Town Hall)		3 spaces (4 but none about the park)	
76-100		4 spaces	
101-150		5 spaces	
151-200		6 spaces	
201-300		7 spaces	
301-400		8 spaces	
401-500		9 spaces	
<i>Specification for Accessible Spaces</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Accessible space located closest to accessible entrance		x	Could designate handicap space adjacent to entry at park
Where spaces cannot be located within 200 ft of accessible entrance, drop-off area is provided within 100 ft.			Drop off area at edge of park is over 200' from building
Minimum width of 13 ft includes 8 ft space plus 5 ft access aisle	x		
Van space - minimum of 1 van space for every accessible space, 8 ft wide plus 8 ft aisle. Alternative is to make all accessible spaces 11 ft wide with 5 ft aisle.	x		
Sign with international symbol of accessibility at each space or pair of spaces	x		
Sign minimum 5 ft, maximum 8 ft to top of sign	x		
Surface evenly paved or hard-packed (no cracks)	x		
Surface slope less than 1:20, 5%	x		
Curbscut to pathway from parking lot at each space or pair of spaces, if sidewalk (curb) is present			(no curb)
Curbscut is a minimum width of 3 ft, excluding sloped sides, has sloped sides, all slopes not to exceed 1:12, and textured or painted yellow			(no curb)
RAMPS (none)			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Slope Maximum 1:12			
Minimum width 4 ft between handrails			
Handrails on both sides if ramp is longer than 6 ft			
Handrails at 34" and 19" from ramp surface			
Handrails extend 12" beyond top and bottom			
Handgrip oval or round			
Handgrip smooth surface			
Handgrip diameter between 1½" and 2"			
Clearance of 1½" between wall and wall rail			
Non-slip surface			
Level platforms (4ft x 4 ft) at every 30 ft, at top, at bottom, at change of direction			
SITE ACCESS, PATH OF TRAVEL, ENTRANCES			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Site Access			
Accessible path of travel from passenger disembarking area and parking area to accessible entrance (entrance to park)			Path from accessible parking is through parking lot; path from abutting parking is accessible. Could designate a space by park.
Disembarking area at accessible entrance	x		Entrance to park, not building
Surface evenly paved or hard-packed			Variable surfaces: tar, gravel/sand, grass
No ponding of water		x	

Facility Inventory
LOCATION: Robert Palmer Park (Glen Road at Town Hall)

Path of Travel			
Path does not require the use of stairs	x		
Path is stable, firm and slip resistant	x		
3 ft wide minimum	x		
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50).	x		
Continuous common surface, no changes in level greater than $\frac{1}{2}$ inch		x	<i>Ground surface is uneven with protruding roots and rocks</i>
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane			
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"			
Curb on the pathway must have curb cuts at drives, parking and drop-offs			<i>(no curbs)</i>
Entrances (small concession building with 2 bathrooms available for Pop Warner users)			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and <i>not</i> be the service entrance		x	<i>Has a few inch rise from ground</i>
Level space extending 5 ft. from the door, interior and exterior of entrance doors		x	
Minimum 32" clear width opening (i.e. 36" door with standard hinge)	x		
At least 18" clear floor area on latch, pull side of door			
Door handle no higher than 48" and operable with a closed fist		x	<i>Door knob and "U" handle</i>
Vestibule is 4 ft plus the width of the door swinging into the space			
Entrance(s) on a level that makes elevators accessible			<i>(one story building)</i>
Door mats less than $\frac{1}{2}$ " thick are securely fastened			<i>(none)</i>
Door mats more than $\frac{1}{2}$ " thick are recessed			<i>(none)</i>
Grates in path of travel have openings of $\frac{1}{2}$ " maximum			<i>(none)</i>
Signs at non-accessible entrance(s) indicate direction to accessible entrance			
Emergency egress - alarms with flashing lights and audible signals, sufficiently lighted		x	

STAIRS and DOORS			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Stairs (none)			
No open risers			
Nosings not projecting			
Treads no less than 11" wide			
Handrails on both sides			
Handrails 34"-38" above tread			
Handrail extends a minimum of 1 ft beyond top and bottom riser (if no safety hazard and space permits)			
Handgrip oval or round			
Handgrip has a smooth surface			
Handgrip diameter between $1\frac{1}{4}$ " and $1\frac{1}{2}$ "			
$1\frac{1}{2}$ " clearance between wall and handrail			

Facility Inventory
LOCATION: Robert Palmer Park (Glen Road at Town Hall)

Doors			
Minimum 32" clear opening	x		
At least 18" clear floor space on pull side of door			
Closing speed minimum 3 seconds to within 3" of the latch			
Maximum pressure 5 pounds interior doors			<i>(are exterior doors)</i>
Threshold maximum $\frac{1}{2}$ " high, beveled on both sides			<i>No threshold</i>
Hardware operable with a closed fist (no conventional door knobs or thumb latch devices)		x	<i>Conventional knobs with grab bar</i>
Hardware minimum 36", maximum 48" above the floor	x		
Clear, level floor space extends out 5 ft from both sides of the door		x	<i>Door/floor a few inches above ground level may be able bring grade up to level of floor</i>
Door adjacent to revolving door is accessible and unlocked			n.a.
Doors opening into hazardous area have hardware that is knurled or roughened			n.a.
RESTROOMS - also see Doors and Vestibules			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
5 ft turning space measured 12" from the floor			
At least one Sink:			
Clear floor space of 30" by 48" to allow a forward approach			
Mounted without pedestal or legs, height 34" to top of rim			
Extends at least 22" from the wall			
Open knee space a minimum 19" deep, 30" width, and 27" high			
Cover exposed pipes with insulation			
Faucets operable with closed fist (lever or spring activated handle)			
At least one Stall:			
Accessible to person using wheelchair at 60" wide by 72" deep			
Stall door is 36" wide			
Stall door swings out			
Stall door is self closing			
Stall door has a pull latch			
Lock on stall door is operable with a closed fist, and 32" above the floor			
Coat hook is 54" high			
Toilet			
18" from center to nearest side wall			
42" minimum clear space from center to farthest wall or fixture			
Top of seat 17"-19" above the floor			
Grab Bars			
On back and side wall closest to toilet			
$1\frac{1}{4}$ " diameter			
$1\frac{1}{2}$ " clearance to wall			
Located 30" above and parallel to the floor			
Acid-etched or roughened surface			
42" long			
Fixtures			
Toilet paper dispenser is 24" above floor			
One mirror set a maximum 38" to bottom (if tilted, 42")			

Facility Inventory
LOCATION: Robert Palmer Park (Glen Road at Town Hall)

Dispensers (towel, soap, etc) at least one of each a maximum 42" above the floor			
FLOORS, DRINKING FOUNTAINS, TELEPHONES (no drinking fountain or telephones)			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Floors			
Non-slip surface			
Carpeting is high-density, low pile, non-absorbent, stretched taut, securely anchored			(none)
Corridor width minimum is 3 ft			(none)
Objects (signs, ceiling lights, fixtures) can only protrude 4" into the path of travel from a height of 27" to 80" above the floor		x	Electrical metal box at grade goes 4.5" out from wall
Drinking Fountains (none)			
Spouts no higher than 36" from floor to outlet			
Hand operated push button or level controls			
Spouts located near front with stream of water as parallel to front as possible			
If recessed, recess a minimum 30" width, and no deeper than depth of fountain			
If no clear knee space underneath, clear floor space 30" x 48" to allow parallel approach			
Telephones (none)			
Highest operating part a maximum 54" above the floor			
Access within 12" of phone, 30" high by 30" wide			
Adjustable volume control on headset so identified			
SIGNS, SIGNALS, AND SWITCHES			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Switches, Controls and Signs			
Switches and controls for light, heat, ventilation, windows, fire alarms, thermostats, etc, must be a minimum of 36" and a maximum of 48" above the floor for a forward reach, a maximum of 54" for a side reach			
Electrical outlets centered no lower than 18" above the floor			
Warning signals must be visual as well as audible			
Signs			
Mounting height must be 60" to centerline of the sign		x	
Within 18" of door jamb or recessed			(on another wall-no sign on bathroom side)
Letters and numbers at least 1½" high	x		
Letters and numbers raised .03"		x	
Letters and numbers contrast with the background color	x		
SWIMMING POOLS - accessibility can be via ramp, lifting device, or transfer area (none)			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Ramp at least 34" wide with a non-slip surface extending into the shallow end, slope not exceeding 1:6 with handrails on both sides			
Lifting device			
Transfer area 18" above the path of travel and a minimum of 18" wide			
Unobstructed path of travel not less than 48" wide around pool			
Non-slip surface			

Facility Inventory
LOCATION: Robert Palmer Park (Glen Road at Town Hall)

SHOWER ROOMS - Showers must accommodate both wheel-in and transfer use (none)			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Stalls 36" by 60" minimum, with a 36" door opening			
Floors are pitched to drain the stall at the corner farthest from entrance			
Floors are non-slip surface			
Controls operate by a single lever with a pressure balance mixing valve			
Controls are located on the center wall adjacent to the hinged seat			
Shower heads attached to a flexible metal hose			
Shower heads attached to wall mounting adjustable from 42" to 72" above the floor			
Seat is hinged and padded and at least 16" deep, folds upward, securely attached to side wall, height is 18" to the top of the seat, and at least 24" long			
Soap trays without handhold features unless they can support 250 pounds			
2 grab bars are provided, one 30" and one 48" long, or one continuous L shaped bar			
Grab bars are placed horizontally at 36" above the floor line			
PICNICKING			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access		x	<i>Replacement tables could be different design that is accessible or an accessible table could be added</i>
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.			
Top of table no higher than 32" above ground	x		
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions			<i>Sandy soil some tree roots</i>
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter			<i>(none)</i>

Facility Inventory LOCATION: Silver Lake (Grove Ave., Pond St., Fitz Terr., Lake St., Main St.)

ACTIVITY	EQUIPMENT	NOTES
Picnic Facilities <i>Picnic tables at beach only; benches at fishing pier and parcel on Main St.</i>	Tables & Benches	Located adjacent to accessible paths <i>tables-no; benches-some</i>
		Access to Open Spaces <i>yes</i>
		Back and Arm Rests <i>tables-no; benches at pier-yes; benches at Main St-back but no arm rests</i>
		Adequate number <i>3 tables</i>
	Grills <i>(none)</i>	Height of Cooking Surface
	Trash Cans	Located adjacent to accessible paths
		Located adjacent to accessible paths <i>carry in carry out policy</i>
Swimming Facilities	Pools <i>(none)</i>	Located adjacent to accessible paths
		Located near accessible water fountains, trash can, restroom, parking, etc.
		Surface material <i>to pier-asphalt; to bridge grass</i>
		Dimensions
	Beaches	Rails <i>only on footbridge over stream</i>
		Signage (for visually impaired) <i>no Braille on signs</i>
		Entrance
Play Areas (tot lots) <i>(replacement is proposed)</i>	All Play Equipment i.e. swings, slides	Location from accessible parking
		Safety features i.e. warning for visually impaired
	Access Routes	Location from accessible path into water <i>yes-plastic runners</i>
		Handrails <i>(none)</i>
		Location from accessible parking <i>yes</i>
		Shade provided <i>no except at trees or in shadow of building</i>
		Same experience provided to all <i>yes</i>
Game Areas: *ballfield *basketball *tennis <i>(none)</i>	All Play Equipment i.e. swings, slides	Located adjacent to accessible paths <i>over sand</i>
		Enough space between equipment for wheelchair <i>yes</i>
	Access Routes	Located adjacent to accessible paths
		Berm cuts onto courts
		Height
		Dimensions
		Spectator Seating
Boat Docks <i>(none)</i>	Access Routes	Located adjacent to accessible paths
		Handrails
	Equipment	Located adjacent to accessible paths <i>yes</i>
Fishing Facilities <i>pier</i>	Access Routes	Handrails <i>no (pier has railing)</i>
		Arm Rests <i>no</i>
	Equipment	Bait Shelves <i>no</i>
		Handrails <i>pier has railing</i>
		Fish Cleaning Tables <i>no</i>
Programming <i>spring fishing derby, paddle boarding, kayaking</i>	Are special programs at your facilities accessible? <i>Fishing-yes; boarding & kayaking not really</i>	Learn-to-Swim <i>no</i>
		Guided Hikes <i>no</i>
		Interpretive Programs; <i>no</i>
Services and Technical Assistance*	Information available in alternative formats i.e. for visually impaired	
	Process to request interpretive services (i.e. sign language interpreter) for meetings	

Facility Inventory LOCATION: Silver Lake (Grove Ave., Pond St., Fitz Terr., Lake St., Main St.)

PARKING <i>some parking is paved and striped, some is pavers, some is gravel but not marked</i>			
<i>Total Spaces (7 designated for handicapped users)</i>		<i>Required Accessible Spaces</i>	
Up to 25		1 space	
26-50		2 spaces	
51-75		3 spaces	
76-100		4 spaces	
101-150		5 spaces	
151-200		6 spaces	
201-300		7 spaces	
301-400		8 spaces	
401-500		9 spaces	
<i>Specification for Accessible Spaces</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Accessible space located closest to accessible entrance (entrance to beach and pier)	x		
Where spaces cannot be located within 200 ft of accessible entrance, drop-off area is provided within 100 ft.			Pier is over 200' from parking
Minimum width of 13 ft includes 8 ft space plus 5 ft access aisle	x		
Van space - minimum of 1 van space for every accessible space, 8 ft wide plus 8 ft aisle. Alternative is to make all accessible spaces 11 ft wide with 5 ft aisle.	1		Not adjacent to main gate
Sign with international symbol of accessibility at each space or pair of spaces	x		
Sign minimum 5 ft, maximum 8 ft to top of sign	x		
Surface evenly paved or hard-packed (no cracks)	x		
Surface slope less than 1:20, 5%	x		
Curbcut to pathway from parking lot at each space or pair of spaces, if sidewalk (curb) is present			(no curbs)
Curbcut is a minimum width of 3 ft, excluding sloped sides, has sloped sides, all slopes not to exceed 1:12, and textured or painted yellow			(no curbs)
RAMPS (none)			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Slope Maximum 1:12			
Minimum width 4 ft between handrails			
Handrails on both sides if ramp is longer than 6 ft			
Handrails at 34" and 19" from ramp surface			
Handrails extend 12" beyond top and bottom			
Handgrip oval or round			
Handgrip smooth surface			
Handgrip diameter between 1½" and 2"			
Clearance of 1½" between wall and wall rail			
Non-slip surface			
Level platforms (4ft x 4 ft) at every 30 ft, at top, at bottom, at change of direction			
SITE ACCESS, PATH OF TRAVEL, ENTRANCES			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Site Access			
Accessible path of travel from passenger disembarking area and parking area to accessible entrance re: route to pier, changing room, lake	x		Need to raise surface at pier where tar settled; could extend pavers 2' to meet the end of the runner(sand now)
Disembarking area at accessible entrance	pier		

Facility Inventory LOCATION: Silver Lake (Grove Ave., Pond St., Fitz Terr., Lake St., Main St.)

Surface evenly paved or hard-packed			<i>For the most part; runners over sand are less even</i>
No ponding of water	x		
Path of Travel			
Path does not require the use of stairs	x		
Path is stable, firm and slip resistant	x	x	<i>See above-about 2' gap with sand at gate</i>
3 ft wide minimum	x		
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50).			
Continuous common surface, no changes in level greater than $\frac{1}{2}$ inch		x	<i>Lip at pier has about 2" drop; path at beach goes from pavers to sand to runners</i>
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane			
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"			
Curb on the pathway must have curb cuts at drives, parking and drop-offs			<i>(no curb)</i>
Entrances (small concession building with changing rooms and bathroom)			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and <i>not</i> be the service entrance			<i>Signs not with Braille</i>
Level space extending 5 ft. from the door, interior and exterior of entrance doors	x		
Minimum 32" clear width opening (i.e. 36" door with standard hinge)			
At least 18" clear floor area on latch, pull side of door			
Door handle no higher than 48" and operable with a closed fist			<i>"U" shaped handle</i>
Vestibule is 4 ft plus the width of the door swinging into the space			
Entrance(s) on a level that makes elevators accessible <i>one floor no elevators</i>			
Door mats less than $\frac{1}{2}$ " thick are securely fastened			<i>(none)</i>
Door mats more than $\frac{1}{2}$ " thick are recessed			<i>(none)</i>
Grates in path of travel have openings of $\frac{1}{2}$ " maximum			<i>(none)</i>
Signs at non-accessible entrance(s) indicate direction to accessible entrance			
Emergency egress - alarms with flashing lights and audible signals, sufficiently lighted			<i>(none)</i>
STAIRS and DOORS			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Stairs (none)			
No open risers			
Nosings not projecting			
Treads no less than 11" wide			
Handrails on both sides			
Handrails 34"-38" above tread			
Handrail extends a minimum of 1 ft beyond top and bottom riser (if no safety hazard and space permits)			
Handgrip oval or round			

Facility Inventory LOCATION: Silver Lake (Grove Ave., Pond St., Fitz Terr., Lake St., Main St.)

Handgrip has a smooth surface			
Handgrip diameter between 1 $\frac{1}{4}$ " and 1 $\frac{1}{2}$ "			
1 $\frac{1}{2}$ " clearance between wall and handrail			
Doors			
Minimum 32" clear opening			
At least 18" clear floor space on pull side of door			
Closing speed minimum 3 seconds to within 3" of the latch			
Maximum pressure 5 pounds interior doors			
Threshold maximum $\frac{1}{2}$ " high, beveled on both sides			
Hardware operable with a closed fist (no conventional door knobs or thumb latch devices)			
Hardware minimum 36", maximum 48" above the floor			
Clear, level floor space extends out 5 ft from both sides of the door			
Door adjacent to revolving door is accessible and unlocked			(no revolving door)
Doors opening into hazardous area have hardware that is knurled or roughened			n.a.
RESTROOMS - also see Doors and Vestibules			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
5 ft turning space measured 12" from the floor			
At least one Sink:			
Clear floor space of 30" by 48" to allow a forward approach			
Mounted without pedestal or legs, height 34" to top of rim			
Extends at least 22" from the wall			
Open knee space a minimum 19" deep, 30" width, and 27" high			
Cover exposed pipes with insulation			
Faucets operable with closed fist (lever or spring activated handle)			
At least one Stall:			
Accessible to person using wheelchair at 60" wide by 72" deep		x	
Stall door is 36" wide		x	
Stall door swings out			
Stall door is self closing		x	
Stall door has a pull latch			
Lock on stall door is operable with a closed fist, and 32" above the floor			
Coat hook is 54" high			
Toilet			
18" from center to nearest side wall			
42" minimum clear space from center to farthest wall or fixture			
Top of seat 17"-19" above the floor			
Grab Bars (none)			
On back and side wall closest to toilet			
1 $\frac{1}{4}$ " diameter			
1 $\frac{1}{2}$ " clearance to wall			
Located 30" above and parallel to the floor			
Acid-etched or roughened surface			

Facility Inventory LOCATION: Silver Lake (Grove Ave., Pond St., Fitz Terr., Lake St., Main St.)

42" long			
Fixtures (none)			
Toilet paper dispenser is 24" above floor			
One mirror set a maximum 38" to bottom (if tilted, 42")			
Dispensers (towel, soap, etc) at least one of each a maximum 42" above the floor			
FLOORS, DRINKING FOUNTAINS, TELEPHONES			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Floors			
Non-slip surface	x		
Carpeting is high-density, low pile, non-absorbent, stretched taut, securely anchored			(none)
Corridor width minimum is 3 ft			
Objects (signs, ceiling lights, fixtures) can only protrude 4" into the path of travel from a height of 27" to 80" above the floor			
Drinking Fountains (none)			
Spouts no higher than 36" from floor to outlet			
Hand operated push button or level controls			
Spouts located near front with stream of water as parallel to front as possible			
If recessed, recess a minimum 30" width, and no deeper than depth of fountain			
If no clear knee space underneath, clear floor space 30" x 48" to allow parallel approach			
Telephones (none)			
Highest operating part a maximum 54" above the floor			
Access within 12" of phone, 30" high by 30" wide			
Adjustable volume control on headset so identified			
SIGNS, SIGNALS, AND SWITCHES			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Switches, Controls and Signs			
Switches and controls for light, heat, ventilation, windows, fire alarms, thermostats, etc, must be a minimum of 36" and a maximum of 48" above the floor for a forward reach, a maximum of 54" for a side reach		x	
Electrical outlets centered no lower than 18" above the floor			
Warning signals must be visual as well as audible		x	
Signs			
Mounting height must be 60" to centerline of the sign			varies
Within 18" of door jamb or recessed			
Letters and numbers at least 1½" high		x	
Letters and numbers raised .03"		x	
Letters and numbers contrast with the background color	x		
SWIMMING POOLS - accessibility can be via ramp, lifting device, or transfer area (none)			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Ramp at least 34" wide with a non-slip surface extending into the shallow end, slope not exceeding 1:6 with handrails on both sides			

Facility Inventory LOCATION: Silver Lake (Grove Ave., Pond St., Fitz Terr., Lake St., Main St.)

Lifting device			
Transfer area 18" above the path of travel and a minimum of 18" wide			
Unobstructed path of travel not less than 48" wide around pool			
Non-slip surface			
SHOWER ROOMS - Showers must accommodate both wheel-in and transfer use (none)			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Stalls 36" by 60" minimum, with a 36" door opening			
Floors are pitched to drain the stall at the corner farthest from entrance			
Floors are non-slip surface			
Controls operate by a single lever with a pressure balance mixing valve			
Controls are located on the center wall adjacent to the hinged seat			
Shower heads attached to a flexible metal hose			
Shower heads attached to wall mounting adjustable from 42" to 72" above the floor			
Seat is hinged and padded and at least 16" deep, folds upward, securely attached to side wall, height is 18" to the top of the seat, and at least 24" long			
Soap trays without handhold features unless they can support 250 pounds			
2 grab bars are provided, one 30" and one 48" long, or one continuous L shaped bar			
Grab bars are placed horizontally at 36" above the floor line			
PICNICKING			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access		x	Replacement tables could be accessible; accessible tables could be added at anytime
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.		x	
Top of table no higher than 32" above ground	x		
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions			One is in the sand; all are reached over the sand
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter	x		

Facility Inventory
LOCATION: Town Common (Church St., Middlesex Ave.)

ACTIVITY	EQUIPMENT	NOTES
Picnic Facilities	Tables & Benches (<i>no picnic tables; benches are spread throughout the Common</i>)	Located adjacent to accessible paths <i>yes or in level lawn</i>
		Access to Open Spaces
		Back and Arm Rests <i>benches have backs but no arm rests</i>
		Adequate number
	Grills <i>none</i>	Height of Cooking Surface
	Trash Cans <i>2</i>	Located adjacent to accessible paths
		Located adjacent to accessible paths (<i>yes</i>)
	Picnic Shelters (<i>gazebo</i>)	Located adjacent to accessible paths
Trails		Located near accessible water fountains, trash can, restroom, parking, etc.
		Surface material <i>concrete; 1 paved</i>
		Dimensions
		Rails <i>no rails</i>
Swimming Facilities <i>none</i>	Pools	Signage (for visually impaired) <i>none</i>
		Entrance
		Location from accessible parking
	Beaches	Safety features i.e. warning for visually impaired
		Location from accessible path into water
		Handrails
		Location from accessible parking
		Shade provided
Play Areas (tot lots) <i>none</i>	All Play Equipment i.e. swings, slides	Same experience provided to all
	Access Routes	Located adjacent to accessible paths
		Enough space between equipment for wheelchair
Game Areas: *ballfield *basketball *tennis <i>none</i>	Access Routes	Located adjacent to accessible paths
		Berm cuts onto courts
	Equipment	Height
		Dimensions
		Spectator Seating
Boat Docks <i>none</i>	Access Routes	Located adjacent to accessible paths
		Handrails
Fishing Facilities <i>none</i>	Access Routes	Located adjacent to accessible paths
		Handrails
	Equipment	Arm Rests
		Bait Shelves
		Handrails
		Fish Cleaning Tables
Programming <i>Summer concerts, 4th of July celebration</i>	Are special programs at your facilities accessible? <i>yes</i>	Learn-to-Swim <i>no</i>
		Guided Hikes <i>no</i>
		Interpretive Programs <i>no</i>
Services and Technical Assistance*	Information available in alternative formats i.e. for visually impaired	
	Process to request interpretive services (i.e. sign language interpreter) for meetings	

Facility Inventory
LOCATION: Town Common (Church St., Middlesex Ave.)

PARKING (no parking on the common or on street; there is a large parking lot off Middlesex Ave.)			
<i>Total Spaces</i>		<i>Required Accessible Spaces</i>	
Up to 25		1 space	
26-50		2 spaces	
51-75		3 spaces	
76-100		4 spaces	
101-150		5 spaces	
151-200		6 spaces	
201-300		7 spaces	
301-400		8 spaces	
401-500		9 spaces	
<i>Specification for Accessible Spaces</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Accessible space located closest to accessible entrance (<i>gazebo but no closed building</i>)			<i>Accessible spaces are at 4th of July Bldg. and are within 200' of gazebo</i>
Where spaces cannot be located within 200 ft of accessible entrance, drop-off area is provided within 100 ft.			
Minimum width of 13 ft includes 8 ft space plus 5 ft access aisle			
Van space - minimum of 1 van space for every accessible space, 8 ft wide plus 8 ft aisle. Alternative is to make all accessible spaces 11 ft wide with 5 ft aisle.			
Sign with international symbol of accessibility at each space or pair of spaces			
Sign minimum 5 ft, maximum 8 ft to top of sign			
Surface evenly paved or hard-packed (no cracks)			
Surface slope less than 1:20, 5%			
Curbscut to pathway from parking lot at each space or pair of spaces, if sidewalk (curb) is present			
Curbscut is a minimum width of 3 ft, excluding sloped sides, has sloped sides, all slopes not to exceed 1:12, and textured or painted yellow			
RAMPS none - gazebo has stairs			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Slope Maximum 1:12			
Minimum width 4 ft between handrails			
Handrails on both sides if ramp is longer than 6 ft			
Handrails at 34" and 19" from ramp surface			
Handrails extend 12" beyond top and bottom			
Handgrip oval or round			
Handgrip smooth surface			
Handgrip diameter between 1½" and 2"			
Clearance of 1½" between wall and wall rail			
Non-slip surface			
Level platforms (4ft x 4 ft) at every 30 ft, at top, at bottom, at change of direction			
SITE ACCESS, PATH OF TRAVEL, ENTRANCES			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Site Access			
Accessible path of travel from passenger disembarking area and parking area to accessible entrance (<i>no accessible building entry</i>)			<i>Path of travel to Common is level from accessible parking; Common is level</i>
Disembarking area at accessible entrance			

Facility Inventory
LOCATION: Town Common (Church St., Middlesex Ave.)

Surface evenly paved or hard-packed	x		<i>Tar path is uneven due to roots -smooth out when repaving</i>
No ponding of water			
Path of Travel			
Path does not require the use of stairs			<i>Gazebo has stairs; no other stairs</i>
Path is stable, firm and slip resistant	x		
3 ft wide minimum	x		
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50).	x		
Continuous common surface, no changes in level greater than $\frac{1}{2}$ inch			<i>Some concrete segments are over $\frac{1}{2}$" difference in height</i>
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane			
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"			
Curb on the pathway must have curb cuts at drives, parking and drop-offs			<i>Paths on Common are level with road so no curb cuts</i>
Entrances (only building is a gazebo)			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and <i>not</i> be the service entrance		x	
Level space extending 5 ft. from the door, interior and exterior of entrance doors (<i>no doors</i>)			
Minimum 32" clear width opening (i.e. 36" door with standard hinge) (<i>no doors</i>)			
At least 18" clear floor area on latch, pull side of door (<i>no doors</i>)			
Door handle no higher than 48" and operable with a closed fist (<i>no doors</i>)			
Vestibule is 4 ft plus the width of the door swinging into the space (<i>no doors</i>)			
Entrance(s) on a level that makes elevators accessible (<i>no elevators</i>)			
Door mats less than $\frac{1}{2}$ " thick are securely fastened			<i>(no mats)</i>
Door mats more than $\frac{1}{2}$ " thick are recessed			<i>(no mats)</i>
Grates in path of travel have openings of $\frac{1}{2}$ " maximum			
Signs at non-accessible entrance(s) indicate direction to accessible entrance			
Emergency egress - alarms with flashing lights and audible signals, sufficiently lighted			

STAIRS and DOORS			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Stairs (to gazebo)			
No open risers	x		
Nosings not projecting		x	
Treads no less than 11" wide		x	
Handrails on both sides	x		
Handrails 34"-38" above tread			
Handrail extends a minimum of 1 ft beyond top and bottom riser (if no safety hazard and space permits)			
Handgrip oval or round			

Facility Inventory
LOCATION: Town Common (Church St., Middlesex Ave.)

Handgrip has a smooth surface			
Handgrip diameter between 1 $\frac{1}{4}$ " and 1 $\frac{1}{2}$ "			
1 $\frac{1}{2}$ " clearance between wall and handrail <i>N.A.</i>			
Doors (no doors)			
Minimum 32" clear opening			
At least 18" clear floor space on pull side of door			
Closing speed minimum 3 seconds to within 3" of the latch			
Maximum pressure 5 pounds interior doors			
Threshold maximum $\frac{1}{2}$ " high, beveled on both sides			
Hardware operable with a closed fist (no conventional door knobs or thumb latch devices)			
Hardware minimum 36", maximum 48" above the floor			
Clear, level floor space extends out 5 ft from both sides of the door			
Door adjacent to revolving door is accessible and unlocked			
Doors opening into hazardous area have hardware that is knurled or roughened			
RESTROOMS - also see Doors and Vestibules (no restrooms)			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
5 ft turning space measured 12" from the floor			
At least one Sink: (no sink)			
Clear floor space of 30" by 48" to allow a forward approach			
Mounted without pedestal or legs, height 34" to top of rim			
Extends at least 22" from the wall			
Open knee space a minimum 19" deep, 30" width, and 27" high			
Cover exposed pipes with insulation			
Faucets operable with closed fist (lever or spring activated handle)			
At least one Stall: (no stall)			
Accessible to person using wheelchair at 60" wide by 72" deep			
Stall door is 36" wide			
Stall door swings out			
Stall door is self closing			
Stall door has a pull latch			
Lock on stall door is operable with a closed fist, and 32" above the floor			
Coat hook is 54" high			
Toilet (no toilet)			
18" from center to nearest side wall			
42" minimum clear space from center to farthest wall or fixture			
Top of seat 17"-19" above the floor			
Grab Bars (no grab bars)			
On back and side wall closest to toilet			
1 $\frac{1}{4}$ " diameter			
1 $\frac{1}{2}$ " clearance to wall			
Located 30" above and parallel to the floor			
Acid-etched or roughened surface			
42" long			

Facility Inventory
LOCATION: Town Common (Church St., Middlesex Ave.)

Fixtures (no fixtures)			
Toilet paper dispenser is 24" above floor			
One mirror set a maximum 38" to bottom (if tilted, 42")			
Dispensers (towel, soap, etc) at least one of each a maximum 42" above the floor			
FLOORS, DRINKING FOUNTAINS, TELEPHONES			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Floors (gazebo)			
Non-slip surface	x		
Carpeting is high-density, low pile, non-absorbent, stretched taut, securely anchored			No carpet
Corridor width minimum is 3 ft			No corridor
Objects (signs, ceiling lights, fixtures) can only protrude 4" into the path of travel from a height of 27" to 80" above the floor			
Drinking Fountains (freestanding outside, next to path)			
Spouts no higher than 36" from floor to outlet			2 heights (34", 39")
Hand operated push button or level controls	x		
Spouts located near front with stream of water as parallel to front as possible			Yes, except stream of water is perpendicular to front
If recessed, recess a minimum 30" width, and no deeper than depth of fountain			
If no clear knee space underneath, clear floor space 30" x 48" to allow parallel approach			
Telephones (no telephones)			
Highest operating part a maximum 54" above the floor			
Access within 12" of phone, 30" high by 30" wide			
Adjustable volume control on headset so identified			
SIGNS, SIGNALS, AND SWITCHES			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Switches, Controls and Signs (none for the public)			
Switches and controls for light, heat, ventilation, windows, fire alarms, thermostats, etc, must be a minimum of 36" and a maximum of 48" above the floor for a forward reach, a maximum of 54" for a side reach			
Electrical outlets centered no lower than 18" above the floor			
Warning signals must be visual as well as audible			
Signs (no signs on or for the gazebo)			
Mounting height must be 60" to centerline of the sign			
Within 18" of door jamb or recessed			
Letters and numbers at least 1½" high			
Letters and numbers raised .03"			
Letters and numbers contrast with the background color			
SWIMMING POOLS - accessibility can be via ramp, lifting device, or transfer area (no swimming pools)			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Ramp at least 34" wide with a non-slip surface extending into the shallow end, slope not exceeding 1:6 with handrails on both sides			
Lifting device			
Transfer area 18" above the path of travel and a			

Facility Inventory
LOCATION: Town Common (Church St., Middlesex Ave.)

minimum of 18" wide			
Unobstructed path of travel not less than 48" wide around pool			
Non-slip surface			
SHOWER ROOMS - Showers must accommodate both wheel-in and transfer use (no shower rooms)			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Stalls 36" by 60" minimum, with a 36" door opening			
Floors are pitched to drain the stall at the corner farthest from entrance			
Floors are non-slip surface			
Controls operate by a single lever with a pressure balance mixing valve			
Controls are located on the center wall adjacent to the hinged seat			
Shower heads attached to a flexible metal hose			
Shower heads attached to wall mounting adjustable from 42" to 72" above the floor			
Seat is hinged and padded and at least 16" deep, folds upward, securely attached to side wall, height is 18" to the top of the seat, and at least 24" long			
Soap trays without handhold features unless they can support 250 pounds			
2 grab bars are provided, one 30" and one 48" long, or one continuous L shaped bar			
Grab bars are placed horizontally at 36" above the floor line			
PICNICKING (no facilities except park benches, could picnic on the ground or at a bench)			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access			(no tables)
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.			
Top of table no higher than 32" above ground			
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions			
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter			(none)

Facility Inventory
Street)

LOCATION: Town Forest (Andover Street, Ballardvale

ACTIVITY	EQUIPMENT	NOTES
Picnic Facilities (none)	Tables & Benches (none)	Located adjacent to accessible paths
		Access to Open Spaces
		Back and Arm Rests
		Adequate number
	Grills (none)	Height of Cooking Surface
	Trash Cans (none)	Located adjacent to accessible paths
		Located adjacent to accessible paths
		Located near accessible water fountains, trash can, restroom, parking, etc.
Trails		Surface material gravel
		Dimensions varies
		Rails none
		Signage (for visually impaired)
Swimming Facilities (none)	Pools	Entrance
		Location from accessible parking
		Safety features i.e. warning for visually impaired
	Beaches	Location from accessible path into water
		Handrails
		Location from accessible parking
Play Areas (tot lots) (none)	All Play Equipment i.e. swings, slides	Shade provided
	Access Routes	Same experience provided to all
		Located adjacent to accessible paths
Game Areas: *ballfield *basketball *tennis (none)	Access Routes	Enough space between equipment for wheelchair
		Located adjacent to accessible paths
	Equipment	Berm cuts onto courts
		Height
		Dimensions
		Spectator Seating
Boat Docks (none)	Access Routes	Located adjacent to accessible paths
		Handrails
Fishing Facilities (none)	Access Routes	Located adjacent to accessible paths
		Handrails
	Equipment	Arm Rests
		Bait Shelves
		Handrails
		Fish Cleaning Tables
Programming (none at this time)	Are special programs at your facilities accessible?	Learn-to-Swim
		Guided Hikes
		Interpretive Programs
Services and Technical Assistance*	Information available in alternative formats i.e. for visually impaired	
	Process to request interpretive services (i.e. sign language interpreter) for meetings	

Facility Inventory

LOCATION: Town Forest (Andover Street, Ballardvale Street)

PARKING in 2 dirt areas: off Andover St. and within Town Forest; no striping or designated spaces			
<i>Total Spaces</i>		<i>Required Accessible Spaces</i>	
Up to 25 x		1 space	
26-50		2 spaces	
51-75		3 spaces	
76-100		4 spaces	
101-150		5 spaces	
151-200		6 spaces	
201-300		7 spaces	
301-400		8 spaces	
401-500		9 spaces	
<i>Specification for Accessible Spaces</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Accessible space located closest to accessible entrance			None designated
Where spaces cannot be located within 200 ft of accessible entrance, drop-off area is provided within 100 ft.			
Minimum width of 13 ft includes 8 ft space plus 5 ft access aisle			Space available-none designated
Van space - minimum of 1 van space for every accessible space, 8 ft wide plus 8 ft aisle. Alternative is to make all accessible spaces 11 ft wide with 5 ft aisle.			Space available-none designated
Sign with international symbol of accessibility at each space or pair of spaces			
Sign minimum 5 ft, maximum 8 ft to top of sign			
Surface evenly paved or hard-packed (no cracks)			
Surface slope less than 1:20, 5%			
Curbside to pathway from parking lot at each space or pair of spaces, if sidewalk (curb) is present			No curb
Curbside is a minimum width of 3 ft, excluding sloped sides, has sloped sides, all slopes not to exceed 1:12, and textured or painted yellow			No curb
RAMPS none			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Slope Maximum 1:12			
Minimum width 4 ft between handrails			
Handrails on both sides if ramp is longer than 6 ft			
Handrails at 34" and 19" from ramp surface			
Handrails extend 12" beyond top and bottom			
Handgrip oval or round			
Handgrip smooth surface			
Handgrip diameter between 1¼" and 2"			
Clearance of 1½" between wall and wall rail			
Non-slip surface			
Level platforms (4ft x 4 ft) at every 30 ft, at top, at bottom, at change of direction			
SITE ACCESS, PATH OF TRAVEL, ENTRANCES (no buildings so no accessible entry)			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Site Access			
Accessible path of travel from passenger disembarking area and parking area to accessible entrance			Dirt road at upper parking lot is as close to accessible as any of the trails-it begins to rise so is not so easy to use by chair
Disembarking area at accessible entrance			

Facility Inventory

LOCATION: Town Forest (Andover Street, Ballardvale Street)

Surface evenly paved or hard-packed			
No ponding of water			
Path of Travel (dirt road or trail-uneven surface with rock and roots)			
Path does not require the use of stairs	x		
Path is stable, firm and slip resistant	x		<i>Uneven surface</i>
3 ft wide minimum	x	x	<i>Trails can be narrower</i>
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50).		x	
Continuous common surface, no changes in level greater than $\frac{1}{2}$ inch		x	
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane			<i>Needs periodic maintenance to remove fallen branches, to trim plants growing into the path</i>
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"			<i>No walls</i>
Curb on the pathway must have curb cuts at drives, parking and drop-offs			<i>No curbs</i>
Entrances (no buildings so no entry)			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and <i>not</i> be the service entrance			
Level space extending 5 ft. from the door, interior and exterior of entrance doors			
Minimum 32" clear width opening (i.e. 36" door with standard hinge)			
At least 18" clear floor area on latch, pull side of door			
Door handle no higher than 48" and operable with a closed fist			
Vestibule is 4 ft plus the width of the door swinging into the space			
Entrance(s) on a level that makes elevators accessible			
Door mats less than $\frac{1}{2}$ " thick are securely fastened			
Door mats more than $\frac{1}{2}$ " thick are recessed			
Grates in path of travel have openings of $\frac{1}{2}$ " maximum			
Signs at non-accessible entrance(s) indicate direction to accessible entrance			
Emergency egress - alarms with flashing lights and audible signals, sufficiently lighted			
STAIRS and DOORS (none)			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Stairs (none)			
No open risers			
Nosings not projecting			
Treads no less than 11" wide			
Handrails on both sides			
Handrails 34"-38" above tread			
Handrail extends a minimum of 1 ft beyond top and bottom riser (if no safety hazard and space permits)			
Handgrip oval or round			
Handgrip has a smooth surface			

Facility Inventory

LOCATION: Town Forest (Andover Street, Ballardvale Street)

Handgrip diameter between 1 $\frac{1}{4}$ " and 1 $\frac{1}{2}$ "			
1 $\frac{1}{2}$ " clearance between wall and handrail			
Doors (none)			
Minimum 32" clear opening			
At least 18" clear floor space on pull side of door			
Closing speed minimum 3 seconds to within 3" of the latch			
Maximum pressure 5 pounds interior doors			
Threshold maximum $\frac{1}{2}$ " high, beveled on both sides			
Hardware operable with a closed fist (no conventional door knobs or thumb latch devices)			
Hardware minimum 36", maximum 48" above the floor			
Clear, level floor space extends out 5 ft from both sides of the door			
Door adjacent to revolving door is accessible and unlocked			
Doors opening into hazardous area have hardware that is knurled or roughened			
RESTROOMS - also see Doors and Vestibules (none)			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
5 ft turning space measured 12" from the floor			
At least one Sink: (none)			
Clear floor space of 30" by 48" to allow a forward approach			
Mounted without pedestal or legs, height 34" to top of rim			
Extends at least 22" from the wall			
Open knee space a minimum 19" deep, 30" width, and 27" high			
Cover exposed pipes with insulation			
Faucets operable with closed fist (lever or spring activated handle)			
At least one Stall: (none)			
Accessible to person using wheelchair at 60" wide by 72" deep			
Stall door is 36" wide			
Stall door swings out			
Stall door is self closing			
Stall door has a pull latch			
Lock on stall door is operable with a closed fist, and 32" above the floor			
Coat hook is 54" high			
Toilet (none)			
18" from center to nearest side wall			
42" minimum clear space from center to farthest wall or fixture			
Top of seat 17"-19" above the floor			
Grab Bars (none)			
On back and side wall closest to toilet			
1 $\frac{1}{4}$ " diameter			
1 $\frac{1}{2}$ " clearance to wall			
Located 30" above and parallel to the floor			
Acid-etched or roughened surface			
42" long			

Facility Inventory

LOCATION: Town Forest (Andover Street, Ballardvale Street)

Fixtures (none)			
Toilet paper dispenser is 24" above floor			
One mirror set a maximum 38" to bottom (if tilted, 42")			
Dispensers (towel, soap, etc) at least one of each a maximum 42" above the floor			
FLOORS, DRINKING FOUNTAINS, TELEPHONES (none)			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Floors (none)			
Non-slip surface			
Carpeting is high-density, low pile, non-absorbent, stretched taut, securely anchored			
Corridor width minimum is 3 ft			
Objects (signs, ceiling lights, fixtures) can only protrude 4" into the path of travel from a height of 27" to 80" above the floor			
Drinking Fountains (none)			
Spouts no higher than 36" from floor to outlet			
Hand operated push button or level controls			
Spouts located near front with stream of water as parallel to front as possible			
If recessed, recess a minimum 30" width, and no deeper than depth of fountain			
If no clear knee space underneath, clear floor space 30" x 48" to allow parallel approach			
Telephones (none)			
Highest operating part a maximum 54" above the floor			
Access within 12" of phone, 30" high by 30" wide			
Adjustable volume control on headset so identified			
SIGNS, SIGNALS, AND SWITCHES (none)			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Switches, Controls and Signs (no switches or controls)			
Switches and controls for light, heat, ventilation, windows, fire alarms, thermostats, etc, must be a minimum of 36" and a maximum of 48" above the floor for a forward reach, a maximum of 54" for a side reach			
Electrical outlets centered no lower than 18" above the floor			
Warning signals must be visual as well as audible			
Signs (wood with routed letters)			
Mounting height must be 60" to centerline of the sign			
Within 18" of door jamb or recessed <i>n.a.</i>			
Letters and numbers a t least 1 $\frac{1}{4}$ " high	x		
Letters and numbers raised .03"		x	Routed out
Letters and numbers contrast with the background color	x		
SWIMMING POOLS - accessibility can be via ramp, lifting device, or transfer area (none)			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Ramp at least 34" wide with a non-slip surface extending into the shallow end, slope not exceeding 1:6 with handrails on both sides			
Lifting device			

Facility Inventory

LOCATION: Town Forest (Andover Street, Ballardvale Street)

Transfer area 18" above the path of travel and a minimum of 18" wide			
Unobstructed path of travel not less than 48" wide around pool			
Non-slip surface			
SHOWER ROOMS - Showers must accommodate both wheel-in and transfer use (<i>none</i>)			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Stalls 36" by 60" minimum, with a 36" door opening			
Floors are pitched to drain the stall at the corner farthest from entrance			
Floors are non-slip surface			
Controls operate by a single lever with a pressure balance mixing valve			
Controls are located on the center wall adjacent to the hinged seat			
Shower heads attached to a flexible metal hose			
Shower heads attached to wall mounting adjustable from 42" to 72" above the floor			
Seat is hinged and padded and at least 16" deep, folds upward, securely attached to side wall, height is 18" to the top of the seat, and at least 24" long			
Soap trays without handhold features unless they can support 250 pounds			
2 grab bars are provided, one 30" and one 48" long, or one continuous L shaped bar			
Grab bars are placed horizontally at 36" above the floor line			
PICNICKING <i>could picnic on the ground (no facilities)</i>			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access			
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.			
Top of table no higher than 32" above ground			
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions			
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter			

Facility Inventory
LOCATION: Town Park (Main Street)

ACTIVITY	EQUIPMENT	NOTES
Picnic Facilities (<i>none</i>)	Tables & Benches	Located adjacent to accessible paths
		Access to Open Spaces
		Back and Arm Rests
		Adequate number
	Grills	Height of Cooking Surface
	Trash Cans	Located adjacent to accessible paths
		Located adjacent to accessible paths
		Located adjacent to accessible paths
Trails		Located near accessible water fountains, trash can, restroom, parking, etc.
		Surface material <i>dirt, gravel, plants</i>
		Dimensions <i>varies 3-10'</i>
		Rails (<i>none</i>)
Swimming Facilities (<i>none</i>)	Pools	Signage (for visually impaired) <i>Signs do not assist visually impaired.</i>
		Entrance
		Location from accessible parking
	Beaches	Safety features i.e. warning for visually impaired
		Location from accessible path into water
		Handrails
		Location from accessible parking
Play Areas (tot lots) (<i>none</i>)	All Play Equipment i.e. swings, slides	Shade provided
		Same experience provided to all
	Access Routes	Located adjacent to accessible paths
Game Areas: *ballfield <i>yes</i> *basketball <i>no</i> *tennis <i>no</i>	Access Routes	Enough space between equipment for wheelchair
		Located adjacent to accessible paths - <i>path maintenance is needed to make more accessible from parking</i>
	Equipment	Berm cuts onto courts - (<i>no courts</i>)
		Height <i>n.a.</i>
		Dimensions <i>n.a.</i>
Boat Docks (<i>none</i>)	Access Routes	Spectator Seating <i>metal bleachers have open bottom row, no backs or arms.</i>
		Located adjacent to accessible paths
		Handrails
Fishing Facilities (<i>none</i>)	Access Routes	Located adjacent to accessible paths
		Handrails
	Equipment	Arm Rests
		Bait Shelves
		Handrails
Programming <i>School games, little league, adult softball</i>	Are special programs at your facilities accessible? <i>Not specifically-see above</i>	Fish Cleaning Tables
		Learn-to-Swim <i>none</i>
		Guided Hikes <i>none</i>
Services and Technical Assistance*	Information available in alternative formats i.e. for visually impaired	Interpretive Programs <i>no-sign gives info. on Middlesex Canal</i>
		Process to request interpretive services (i.e. sign language interpreter) for meetings

Facility Inventory
LOCATION: Town Park (Main Street)

PARKING (paved parking areas are not striped; no accessible spaces designated; storage shed not for public)			
<i>Total Spaces</i>		<i>Required Accessible Spaces</i>	
Up to 25 x		1 space	
26-50		2 spaces	
51-75		3 spaces	
76-100		4 spaces	
101-150		5 spaces	
151-200		6 spaces	
201-300		7 spaces	
301-400		8 spaces	
401-500		9 spaces	
<i>Specification for Accessible Spaces</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Accessible space located closest to accessible entrance (no buildings so no accessible entry)			None designated-space available
Where spaces cannot be located within 200 ft of accessible entrance, drop-off area is provided within 100 ft. (no buildings so no accessible entry)			None designated-space available
Minimum width of 13 ft includes 8 ft space plus 5 ft access aisle			None designated-space available
Van space - minimum of 1 van space for every accessible space, 8 ft wide plus 8 ft aisle. Alternative is to make all accessible spaces 11 ft wide with 5 ft aisle.			None designated-space available
Sign with international symbol of accessibility at each space or pair of spaces		x	None designated
Sign minimum 5 ft, maximum 8 ft to top of sign		x	(none)
Surface evenly paved or hard-packed (no cracks)	x		For most of the area
Surface slope less than 1:20, 5%	x		(except the pavement connecting upper and lower parking areas)
Curbside to pathway from parking lot at each space or pair of spaces, if sidewalk (curb) is present			(no curb at upper parking; gap in curb near bleachers at lower parking)
Curbside is a minimum width of 3 ft, excluding sloped sides, has sloped sides, all slopes not to exceed 1:12, and textured or painted yellow			(gap in curb is over 3' wide at paved route to bleachers)
RAMPS (no ramps)			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Slope Maximum 1:12			
Minimum width 4 ft between handrails			
Handrails on both sides if ramp is longer than 6 ft			
Handrails at 34" and 19" from ramp surface			
Handrails extend 12" beyond top and bottom			
Handgrip oval or round			
Handgrip smooth surface			
Handgrip diameter between 1 1/4" and 2"			
Clearance of 1 1/2" between wall and wall rail			
Non-slip surface			
Level platforms (4ft x 4 ft) at every 30 ft, at top, at bottom, at change of direction			
SITE ACCESS, PATH OF TRAVEL, ENTRANCES (no public building so no accessible entry, only storage shed)			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Site Access			
Accessible path of travel from passenger disembarking area and parking area to accessible entrance (no building so no accessible entry)			Paths start at paved area. Paved road to ballfield has gate that is unlocked for games.
Disembarking area at accessible entrance			n.a.
Surface evenly paved or hard-pack			

Facility Inventory
LOCATION: Town Park (Main Street)

No ponding of water			
Path of Travel			
Path does not require the use of stairs	x		
Path is stable, firm and slip resistant	x		
3 ft wide minimum	x		
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50).			
Continuous common surface, no changes in level greater than $\frac{1}{2}$ inch		x	<i>Path pavement needs maintenance to remove unevenness</i>
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane	x		<i>Shrubs and trees need to be trimmed periodically to keep paths clear</i>
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"			
Curb on the pathway must have curb cuts at drives, parking and drop-offs			<i>(no curb at upper parking; gap in curb near bleachers at lower parking)</i>
Entrances (no building)			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and <i>not</i> be the service entrance			
Level space extending 5 ft. from the door, interior and exterior of entrance doors			
Minimum 32" clear width opening (i.e. 36" door with standard hinge)			
At least 18" clear floor area on latch, pull side of door			
Door handle no higher than 48" and operable with a closed fist			
Vestibule is 4 ft plus the width of the door swinging into the space			
Entrance(s) on a level that makes elevators accessible			
Door mats less than $\frac{1}{2}$ " thick are securely fastened			
Door mats more than $\frac{1}{2}$ " thick are recessed			
Grates in path of travel have openings of $\frac{1}{2}$ " maximum			
Signs at non-accessible entrance(s) indicate direction to accessible entrance			
Emergency egress - alarms with flashing lights and audible signals, sufficiently lighted			
STAIRS and DOORS (no stairs and doors)			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Stairs (none)			
No open risers			
Nosings not projecting			
Treads no less than 11" wide			
Handrails on both sides			
Handrails 34"-38" above tread			
Handrail extends a minimum of 1 ft beyond top and bottom riser (if no safety hazard and space permits)			
Handgrip oval or round			
Handgrip has a smooth surface			
Handgrip diameter between $1\frac{1}{4}$ " and $1\frac{1}{2}$ "			
$1\frac{1}{2}$ " clearance between wall and handrail			

Facility Inventory
LOCATION: Town Park (Main Street)

Doors (none)			
Minimum 32" clear opening			
At least 18" clear floor space on pull side of door			
Closing speed minimum 3 seconds to within 3" of the latch			
Maximum pressure 5 pounds interior doors			
Threshold maximum $\frac{1}{2}$ " high, beveled on both sides			
Hardware operable with a closed fist (no conventional door knobs or thumb latch devices)			
Hardware minimum 36", maximum 48" above the floor			
Clear, level floor space extends out 5 ft from both sides of the door			
Door adjacent to revolving door is accessible and unlocked			
Doors opening into hazardous area have hardware that is knurled or roughened			
RESTROOMS – also see Doors and Vestibules (no restrooms)			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
5 ft turning space measured 12" from the floor			
At least one Sink: (none)			
Clear floor space of 30" by 48" to allow a forward approach			
Mounted without pedestal or legs, height 34" to top of rim			
Extends at least 22" from the wall			
Open knee space a minimum 19" deep, 30" width, and 27" high			
Cover exposed pipes with insulation			
Faucets operable with closed fist (lever or spring activated handle)			
At least one Stall: (none)			
Accessible to person using wheelchair at 60" wide by 72" deep			
Stall door is 36" wide			
Stall door swings out			
Stall door is self closing			
Stall door has a pull latch			
Lock on stall door is operable with a closed fist, and 32" above the floor			
Coat hook is 54" high			
Toilet (none)			
18" from center to nearest side wall			
42" minimum clear space from center to farthest wall or fixture			
Top of seat 17"-19" above the floor			
Grab Bars (none)			
On back and side wall closest to toilet			
$1\frac{1}{4}$ " diameter			
$1\frac{1}{2}$ " clearance to wall			
Located 30" above and parallel to the floor			
Acid-etched or roughened surface			
42" long			
Fixtures (none)			
Toilet paper dispenser is 24" above floor			
One mirror set a maximum 38" to bottom (if tilted, 42")			

Facility Inventory
LOCATION: Town Park (Main Street)

Dispensers (towel, soap, etc) at least one of each a maximum 42" above the floor			
FLOORS, DRINKING FOUNTAINS, TELEPHONES (no floors, drinking fountains or telephones)			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Floors (none)			
Non-slip surface			
Carpeting is high-density, low pile, non-absorbent, stretched taut, securely anchored			
Corridor width minimum is 3 ft			
Objects (signs, ceiling lights, fixtures) can only protrude 4" into the path of travel from a height of 27" to 80" above the floor			
Drinking Fountains (none)			
Spouts no higher than 36" from floor to outlet			
Hand operated push button or level controls			
Spouts located near front with stream of water as parallel to front as possible			
If recessed, recess a minimum 30" width, and no deeper than depth of fountain			
If no clear knee space underneath, clear floor space 30" x 48" to allow parallel approach			
Telephones (none)			
Highest operating part a maximum 54" above the floor			
Access within 12" of phone, 30" high by 30" wide			
Adjustable volume control on headset so identified			
SIGNS, SIGNALS, AND SWITCHES (no signals or switches)			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Switches, Controls and Signs			
Switches and controls for light, heat, ventilation, windows, fire alarms, thermostats, etc, must be a minimum of 36" and a maximum of 48" above the floor for a forward reach, a maximum of 54" for a side reach			(none)
Electrical outlets centered no lower than 18" above the floor			(none)
Warning signals must be visual as well as audible			(none)
Signs (storage building does not have public access; sign kiosk has information on Middlesex Canal, an historic feature, but signs do not have Braille)			
Mounting height must be 60" to centerline of the sign			
Within 18" of door jamb or recessed			n.a.
Letters and numbers at least 1½" high		x	
Letters and numbers raised .03"		x	
Letters and numbers contrast with the background color	x		
SWIMMING POOLS - accessibility can be via ramp, lifting device, or transfer area (no pools)			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Ramp at least 34" wide with a non-slip surface extending into the shallow end, slope not exceeding 1:6 with handrails on both sides			
Lifting device			
Transfer area 18" above the path of travel and a minimum of 18" wide			
Unobstructed path of travel not less than 48" wide around pool			
Non-slip surface			

Facility Inventory
LOCATION: Town Park (Main Street)

SHOWER ROOMS - Showers must accommodate both wheel-in and transfer use (no shower rooms)			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Stalls 36" by 60" minimum, with a 36" door opening			
Floors are pitched to drain the stall at the corner farthest from entrance			
Floors are non-slip surface			
Controls operate by a single lever with a pressure balance mixing valve			
Controls are located on the center wall adjacent to the hinged seat			
Shower heads attached to a flexible metal hose			
Shower heads attached to wall mounting adjustable from 42" to 72" above the floor			
Seat is hinged and padded and at least 16" deep, folds upward, securely attached to side wall, height is 18" to the top of the seat, and at least 24" long			
Soap trays without handhold features unless they can support 250 pounds			
2 grab bars are provided, one 30" and one 48" long, or one continuous L shaped bar			
Grab bars are placed horizontally at 36" above the floor line			
PICNICKING n.a. (no facilities - could picnic on the ground)			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access			
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.			
Top of table no higher than 32" above ground			
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions			
Accessible tables, grills and fire rings must have clear ground space of at least 36" around the perimeter			