



**CITY OF HAVERHILL, MASSACHUSETTS  
OPEN SPACE AND RECREATION PLAN**

**FOR THE  
MASSACHUSETTS EXECUTIVE OFFICE OF ENERGY AND  
ENVIRONMENTAL AFFAIRS - DIVISION OF  
CONSERVATION SERVICES**

**JULY 2016 - JULY 2023**

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## PREFACE

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### City of Haverhill Open Space & Recreation Plan

Poet John Greenleaf Whittier, a Haverhill native, wrote a description of the gentle yet varied landscape of the town that remains as apt today as it was in the mid nineteenth century. “The scenery of the lower valley of the Merrimac is not bold or remarkably picturesque, but there is a great charm in the panoramas of its soft green intervals: its white steeples rising over thick clusters of elms and maples, its neat villages on the slopes of gracefully rounded hills, dark belts of woodland, and blossoming or fruited orchards...”

Today, Haverhill is a community of communities, with many features and buildings that remain much as they were in Whittier’s day. A strong positive feature is Haverhill’s rural character and abundance of historic landscapes. At the same time, within the City’s boundaries exist neighborhoods that contain character elements from virtually every type of community to be found in New England. Thus it is possible to describe Haverhill as “New England’s Home Town”. New residents from anywhere in New England can find familiar surroundings in Haverhill and still be just a short train ride from Boston, a short car ride from the seashore, and in the center of a region that offers a wide range of work opportunities and recreation amenities.

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## Section I

### Plan Summary

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This planning document serves as a guide to achieve various City-wide recreation and conservation related goals through specific recommended action. It draws upon a number of earlier reports including the 1984 Recreation/ Conservation Master Plan, the City of Haverhill's 2000-2005 Open Space and Recreation Plan, the Comprehensive Guide Plan draft of the year 2005, the 2007 UrbanRiver Visions 2 "Downtown Haverhill Action Plan" for the Merrimack River; and the City of Haverhill's 2008-2015 Open Space and Recreation Plan

The 2018-2025 Haverhill Open Space and Recreation Plan (the "Plan") analyzes the current status of the City's open space and recreation resources and outlines a 7-year plan to enhance these resources. The Plan promotes improved public property maintenance and facility management; increased public outreach and education; improved acquisition and protection of lands of open space and recreation interest; enhanced and increased open space and recreation opportunities available to the public; sustainable development; improved heritage preservation; and preservation of the City's agricultural resources.

Overall, this Plan seeks to promote several aspects that are of importance to the City of Haverhill. They are the protection of the City's potable water supply; the enhancement and expansion of recreational facilities; the protection of indigenous wildlife, including rare and endangered species; the planning and protection of greenbelt corridors for proper migration of wildlife; the protection of the rural character of the City including open spaces and farms; the protection of Haverhill's heritage through the preservation of historic and culturally significant resources; and the implementation of Smart Growth principles that foster sustainable land development techniques, enabling increased preservation of Haverhill's natural resources.

## Section II

### Introduction

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#### A. *Statement of Purpose*

The Haverhill Open Space and Recreation Committee (the “OSRC”) has prepared this updated Plan as a tool to carry the City forward, while preserving its past. The City has seen significant development over the last 30 years. Due to Haverhill's location with five exits on Rt. 495, and actively growing industrial and retail zones, it is a very desirable community to developers building new homes. The community has seen many farms and some historic areas turned into housing complexes. Although Haverhill is a City by governmental structure, many residents continue to feel it has the character of a town and that this character should be preserved. To preserve this character, the OSRC took a broad approach in its open space and recreation planning. Beyond conservation areas and parks, the OSRC considered historic and cultural resources, heritage preservation, scenic landscapes, alternative modes of transportation, and regulatory measures in its Plan preparations.

#### B. *Planning Process and Public Participation*

In 1996 the OSRC conducted community surveys to capture the desires and opinions of the public. The brief “Experience Haverhill” survey was conducted to garner student input. The more detailed “Haverhill Community Attitudes Survey” was used to target comments from the general public. The results of these surveys were included in the 2000-2005 Open Space and Recreation Plan and were used by the Committee in its development of a Five-Year Action Plan.

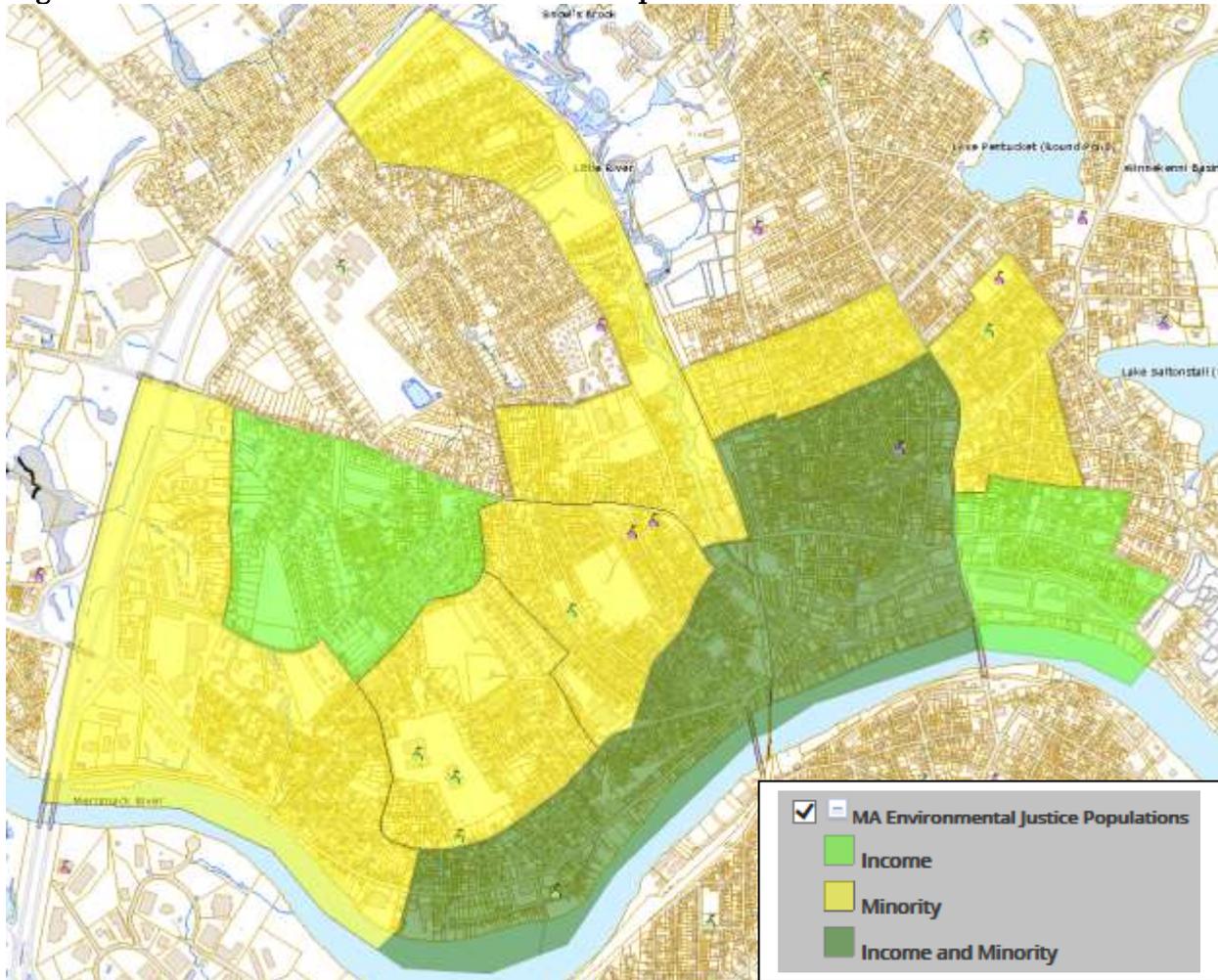
During the spring of 2007 the OSRC used these two surveys to develop an updated “Community Vision Survey”. This electronic survey was accessible to the public through the City’s internet website homepage. The survey was advertised using the local newspapers, the community access television channel, e-mail, as well as other conventional methods.

Finding success in 2007, the OSRC updated the “Community Vision Survey” in 2016 and again launched it using various media outlets. Proving most successful in response generation was announcing the survey at a televised meeting of the City Council and at the annual “Possible Dreams” community vision event coordinated by Team Haverhill, our City’s highly-successful, volunteer action group. Responses to the 2016 survey more than doubled those received in 2007. The OSRC used the results of this effort to analyze the City’s needs, develop goals and objectives, and produce the 2018-2025 Seven-Year Action Plan provided in Section 9 of this Plan.

C. *Enhanced Outreach for Environmental Justice Neighborhoods*

The City routinely and as a matter of course conducts outreach to its Environmental Justice (EJ) populations, through targeted outreach to seniors through the Council on Aging, through outreach undertaken to certain neighborhoods through the School Department, or through its Consolidated Planning activities as part of its annual Community Development Block Grant (CDBG) efforts.

**Figure 1. Haverhill Environmental Justice Populations**



*Source: City of Haverhill GIS*

Recently, the City was a key member of a partnership that won a prestigious Working Cities Challenge grant from the Federal Reserve Bank of Boston. Haverhill's Working Cities initiative is focused on the depressed Mount Washington neighborhood, a densely settled enclave that comprises a large swath of the EJ Zone. The grant spawned the Mount Washington Alliance, which is analyzing systems change to increase incomes and quality of life in this neighborhood, which consists of Haverhill's largest minority population. Regular outreach efforts are being made in both English and Spanish with this neighborhood. Access to quality parks, open space and recreation are key factors

and points of emphasis as part of the Alliance's 'Q' Campaign or Quality of Life feedback campaign. This feedback helps drive this OSRP development. Another key focus of the Mt. Washington Alliance is to increase civic participation by minority members of this neighborhood in particular and the community in large. Moving forward, it is anticipated that the City, School Department and Mt. Washington Alliance will conduct targeted outreach to determine the best use of city-owned riverfront land across from the Moody School in the EJ Zone. In summation, the Mt. Washington Alliance is launching the most aggressive outreach campaign to the city's minority and non-English speaking population in recent memory.

Another example of EJ outreach is the neighborhood meetings that the Mayor personally conducted with neighbors of Cashman Park and the Hilldale neighborhood, including residents of the Haverhill Housing Authority properties across from the park. The feedback from these two meetings helped re-shape and form the basis of the City's recent Parkland Acquisition and Renovations for Communities (PARC) grant that renovated Cashman Park. Multiple suggestions, including a walking track and playground, were the direct result of feedback from neighbors and stakeholders.

Particular focus is being paid to the very young and very old residents on either side of the spectrum. Many facilities are being upgraded to accommodate these residents.

The Merrimack Valley Planning Commission in 2018 released a Housing Production Plan that reveals a staggering statistic that Haverhill's over 65 year-old population will increase over 104% by 2035. In other words, the city's elder population will double in less than 20 years! Recent calls for more elder-focused recreational amenities are given additional credence with this data. This elder subpopulation will be a critical one to support with the new OSRP.

## Section III

### Community Setting

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#### A. *Regional Context*

The City of Haverhill, located in northeastern Massachusetts on the Merrimack River, is one of the oldest and most historic communities in the State. Situated in northern Essex County, Haverhill is bordered by the City of Methuen on the west, the towns of Groveland and Boxford on the south, West Newbury on the east, and the State of New Hampshire on the north. Haverhill contains almost 36 square miles of area and a wide variety of land uses, ranging from rural agricultural areas to urban areas such as the City's historic downtown center. The City has both industrial and retail centers continuing to grow along the Route 495 corridor.

With five exits directly off of Route 495, Haverhill has experienced explosive growth in the last 30 years. This growth has strained municipal services to the extent that Crystal Lake has been returned to consumptive use and the Merrimack River aquifer is being considered as a potential potable water supply. Haverhill is in close proximity to New Hampshire (on the border), yet close enough to the ocean to experience tidal activity in the Merrimack River.

Present day Haverhill represents a local business center for the region as it serves the more rural communities of Merrimac, West Newbury, Groveland, Georgetown, Methuen, North Andover, Boxford, and beyond. Several industrial areas exist in Haverhill, most with immediate access to Routes 495 and 125. Small businesses are located throughout the City, but many retail businesses have concentrated downtown in the business district. Due to its close proximity to New Hampshire, some retail businesses previously chose to locate their businesses in neighboring Salem and Plaistow, NH. This movement to New Hampshire was particularly true of strip malls and superstores, thus resulting in the perpetuation of Haverhill's "New England's Home Town" character. In recent years the City has seen a return of national retailers, with Starbucks, BJ's Wholesale Club, and Target all opening in 2007. Although this growth provides many benefits to Haverhill residents, it further highlights the need to preserve the charm of Haverhill's hometown character.

#### B. *History of the Community*

The City of Haverhill was established in 1640 as Pentucket and incorporated as a City in 1870. Neighboring Bradford was settled in 1649 and annexed to Haverhill in 1897. The City has a rich history of interaction between Native Americans and the early settlers. A large group of tribes of Native Americans lived in the Merrimack River Valley, with the principal tribes being the Pentucket, Pawtucket, and Agawam. These tribes depended on the Merrimack River or "Merroh Awke" meaning "Strong Place" as a

center of their economy, but established homes on the smaller streams and creeks along the river.

In 1640, Puritans settlers purchased the land from Chief Passaconway for several pounds and named the City “Pentucket”, Algonquian for “land of the winding river”. During these times Native American and Settler interaction was ever-changing from fierce battles to calm trading. During a difficult time Native Americans took Hannah Dustin, a young mother of 13 children, during a raid and held her captive with several children and adults. Hannah, in the company of a nurse named Mary Neff and Samuel, a young boy who was captured several months before, killed 10 Native Americans, took their scalps as evidence, and escaped by canoe on the Merrimack River to Haverhill.

The political and economic climate of the Merrimack Valley and Haverhill was as difficult as the Boston scene. In the 1680’s and 1690’s, charters drawn up to create local governments were dissolved by English rule and local resistance that plagued the citizens of the Merrimack Valley. The Merrimack Valley remained under Parliament rule until 1774 and the Continental Congress and War of Independence beginning.

From 1700-1800, Haverhill’s industries were farming, fishing and shipbuilding. The Merrimack River and the Middlesex Canal connected the capital cities of New Hampshire and Massachusetts allowing for interstate commerce through the waterway.

By 1800, Haverhill had become a center for the cattle market. Products from the cattle included beef, combs and leather goods. The leather goods industry developed into an historic and incredible shoe industry. Following the Depression and WWII, the shoe industry in Haverhill had disappeared, and many buildings were abandoned. The City is still recovering from the economic problems of the Depression era and the economic recession of the 1970s and 1980s.

The City of Haverhill has many famous people associated with it such as President George Washington, Cartoonist Bob Montana and Poet John Greenleaf Whittier. George Washington visited Haverhill and was quoted as saying “the pleasantest village had passed through, it had commercial advantages and beauty of location”. The City has kept that feeling of a “big City with a small town atmosphere”. Washington Square in downtown Haverhill is named after Mr. Washington. Mr. Bob Montana, created the “Archie Comic Strip” and the main characters are all based on his real life friends and adventures at Haverhill High School.

Although originally settled as farm land, the City evolved into a major industrial center through the establishment of saw and gist mills in the late 17th century, tanneries and boat yards in the early 18th century and shoe manufacturing, its leading industry of 180 years. The City remained a thriving industrial center until the severe depression of the 1930s. Currently, computer technology and research industries thrive within Haverhill’s industrial parks and business districts.

Haverhill's location has been a key factor in maintaining its reputation and use as a major employment center. The proximity of the Merrimack River historically attracted factory industries to this area. Currently, the City's placement between Interstates 93 and 95 and on Route 495 has attracted the growing technology industries. The City is also only 33 miles from Boston; and, Lowell, Lawrence, Cambridge, Nashua, NH, Manchester, NH and Portsmouth, NH are all within a 30-mile radius. Therefore, Haverhill also acts as a bedroom community for workers in those areas.

Today, the City's significant land uses are residential development (50%), commercial/industrial (5%), and agriculture (8%). Concurrent with Haverhill's recent economic surge has been a steady rise in residential development. The City's residential areas are comprised of older single-family homes, two-family houses, condominium developments, and single-family subdivisions. Several sections of the older historic areas of the City (e.g. Rocks Village) have been preserved through Historic District regulations. Although Haverhill exhibits high densities within its urbanized sections, much of the City still remains undeveloped (20.9%).

### **Historic Resources**

Haverhill has three historic districts, each with its own individual character. They show very clearly the development of the City from its earliest times to its industrial peak, and provide residents and visitors alike with an opportunity to discover the heritage and historical significance of the City and of Essex County.

#### **Rocks Village Historical District**

The Rocks Village Historical District was established in 1974, and is indicative of the small farming villages which lined the Merrimack River in the 17th and 18th centuries. The main economy was handcrafts, farming and fishing, and until the late 18th century, remained quite independent of Haverhill. The District is located in the northeast corner of Haverhill where the Rocks Village Bridge crosses into West Newbury.

#### **Bradford Common Historic District**

The Bradford Common Historic District was established in 1975, and includes the homes surrounding the Bradford Common and on South Main Street. The Common lies at the intersection of the two main roads, one going to Salem and the other to Andover. The area was first settled in 1649, and by 1690, Kimball's Tavern was built at the intersection. At this tavern in 1803, Bradford Academy was established, which evolved into Bradford College, adjacent to the Common. Bradford also was an agricultural village for over 100 years; but, with the building of a bridge over the Merrimack River in 1794, many small industries were established. The area around the Common became the site of many fine homes with styles ranging, with development, from Colonial to Victorian. The White Church, or First Church of Christ, Bradford, was built in 1848 and was the model for Henry Ford's church at Dearborn Village, Michigan.

### **Washington Street Shoe District**

The Washington Street Shoe District represents the second industrial development at this site. The shoe industry became established in the area in the early 19th century and by the 1880s, it dominated the district. But the Great Fire of 1882 swept through this area, leveling every building. Within a year, new buildings lined the street, presenting an architecturally unique district of the Queen Anne style, mostly four stories in height. Until the 1950s, the area flourished, but the demise of the shoe industry left the area with many vacant buildings and in great disrepair. Since that time, continued interest in the area has brought alternative uses into the district, such as a 40R Zoning District that fosters the conversion of mills to residential apartments, market-rate condominiums, and retail space; senior housing; shops; offices; a variety of successful restaurants; and an arts district. The future is bright for continued appropriate redevelopment in this district.

### **Historic Preservation Plan**

The Haverhill Historical Commission and Community Development Department were jointly awarded a grant from the Massachusetts Historical Commission in July of 1989 for a Historic Preservation Plan. The Historic Preservation Plan inventoried historic and archeological resources in the City and developed preservation/protection strategies for the identified historic resources.

### **Resources Shared with other Communities**

The primary recreational, historical, and watershed resources shared with other communities in the region is the Merrimack River. The Merrimack River riverfront between Methuen and the mouth of the River in Newburyport contains 22 public areas and eleven historic attractions. The Merrimack provides estuary fishing at its mouth and tidal fishing as far inland as Haverhill, with communities sponsoring numerous annual events to celebrate and increase understanding of this great resource.

The “Merrimack River Initiative” began in 1998 as an agreement between the U.S. Environmental Protection Agency, the State of New Hampshire, the Commonwealth of Massachusetts, and the New England Interstate Water Pollution Control Commission to collaborate on water quality issues. This collaboration initiated a dialogue to examine issues and problems in the watershed, thereby resulting in a proposal for funding and further work toward expanding the watershed approach. The watershed approach is “resources based” using the watershed as the management unit allowing examination of the cumulative impact of all activity in the watershed, issues of surface and groundwater quality and quantity, human use and natural functions, and brings together public and private groups, states and federal agencies, industries and environmental groups.

**Table 1. Haverhill Architectural Heritage**

STYLE	YEARS	BUILDING
Georgian	1725 - 1800	Ayer House (c 1712)
Federal	1800 - 1830	Newcomb House
Greek Revival	1830 -1850	Albert Lebosquet House
		Winter Street Baptist Church (1839)
		North Parish Church (1837)
Gothic Revival	1850 - 1860	Dr. Nicholas House (c 1850)
Italianate	1850 - 1870	Chase House (1867)
Second Empire	1860 - 1880	Dr. Ira Chase House (YWCA)
High Victorian Gothic	1870 - 1880	James A. Hale (1875)
Stick Style	1875 - 1885	Chase House (Dole and Childs)
Queen Anne	1880 - 1890	Griffin House (1889)
Shingle Style	1885 - 1900	Warren Emerson House
Georgian Revival	1890 - 1910	Webster House
Colonial Revival	1915 - Present	Theodore LeBosquet (1917)
Bungalow	1915 - 1935	Dr. Mysel House
Dutch Colonial	1915 - 1940	Desilets House

*C. Population Characteristics*

**Population Growth Trends and Density**

Haverhill’s population, as estimated by the American Community Survey from the United States Census Bureau, now exceeds 63,000. This is the City’s all-time population high. Interestingly, the City’s previous Census high prior to 2010 was 1920, during the City’s Industrial Revolution manufacturing boom.

In 2013, the City’s population consists of 12.8% of residents being over 65, with that number expected to double in 12-20 years. Many seniors live in congregated settings throughout the EJ Zone, in large Urban Renewal-era senior housing complexes. Of Haverhill residents, 52.2% are women, which is slightly above average. Higher than other local communities, 11.2% of residents under 65 have a reported disability. Over a quarter of the EJ Zone (27%) is non-white or mixed race. Around 2.5% are African-American and 2% are Asian-American. Of Haverhill residents, 18.5% are Hispanic/Latino of various races. A full 20% of City residents speak a language other than English at home, primarily Spanish, but also other generally European or romance languages (French, Italian, Greek, Russian). That number swells in large

swaths of the EJ Zone, where nearly 40% of the residents in the Acre and Mount Washington neighborhoods are Hispanic/Latino. Over a quarter (25%+) of EJ zone residents speak a language other than English at home.

Citywide, population density is 1,846.5 residents per square mile. However, with over 35 square miles, there is enough room in Haverhill to spread out and skew that figure. The EJ Zone is much more densely settled and includes most of the century-old housing built to accommodate the shoe millworkers during the city’s industrial heyday from 1880-1940.

**Table 2. Haverhill Population/Changes**

Year	Population	Net Change	Percent Change
1900	37,175	--	--
1910	44,115	6,940	18.7%
1920	53,884	9,769	22.1%
1930	48,710	(5,174)	(9.6%)
1940	46,752	(1,958)	(4.0%)
1950	47,280	528	1.1%
1955	45,436	(1,844)	(3.9%)
1960	46,346	910	2.0%
1970	46,120	(226)	(0.4%)
1980	46,865	745	1.6%
1985	48,054	1,789	3.8%
1990	51,418	3,364	7.0%
2000	58,969	7,551	15.4%
2005	60,242	1,273	2.2%
2010*	63,000	5,556	9.22%

*\*U.S. Census Bureau Estimate*

### Employment and Economy

Of Haverhill residents, 12.8% overall live in poverty, but that number soars (over 60%) in the Acre and Mount Washington neighborhoods. These neighborhoods are big parts of the EJ Zone, which has notably lower incomes overall in comparison to the rest of the city. Census tracts 2601, 2602, 2606 and 2608 comprise much of the EJ zone and constitute a great deal of the low-moderate income populations of Haverhill. This is partly due to the availability of relatively-affordable, multi-family housing units. However, over a third of households are considered ‘housing constrained,’ meaning that they are paying more than a third of their entire incomes on housing alone, leaving little for other non-housing necessities. As a perverse result of an improved economy and resulting skyrocketing rents, social service demand for non-housing necessities (food, medicine, clothing, heat, etc.) is experiencing near record-high demand *post*-Recession.

The EJ Zone represents most of Haverhill’s low-to-moderate income Census tracts; these tracts feature more than 51% of the residents earning less than 80% of the Area Median Income. In other words, the vast majority of the single-person households earn less than \$47,600/year. A majority of four-person (family) households in the EJ Zone earn less than \$68,000/year.

In general, citywide, the median household income in Haverhill is \$62,571/year. There are over 25,000 low-to-moderate income individuals in Haverhill, so access to free public recreational facilities is needed.

At the same time, the community is blessed with numerous notable private recreation facilities (five golf courses, a ski area, numerous health and fitness clubs, two ice rinks, yacht clubs, marinas, etc.). However, for over 40% of city residents, these sorts of amenities are basically out of reach.

Less than 60% (59.6%) of city residents own their own homes. In much of Haverhill, the rates of owner-occupancy routinely average 80%. In some EJ areas, however, that number frequently averages below 25%. There are approximately 26,500 separate households in Haverhill.

The post-secondary educational attainment rates in Haverhill are lower than state and regional averages. A larger percentage of Haverhill’s poor are female-headed households with minor children (‘single mother’).

One of the unique demographic features of the community is that, socioeconomically, nearly all ranges of income groups are represented nearly equally throughout Haverhill, as described in the 2018 Housing Production Plan. However, this healthy and diverse socioeconomic mix is in jeopardy unless additional housing is created that caters to all of these subgroups (i.e. affordable housing, starter homes, larger single family homes, etc.). The same pressure can be attributed to recreational facilities.

Haverhill features a more diversified economy than it has traditionally, with unemployment figures near historical lows. Manufacturing is still prevalent, but health care, social services, education, retail and business services all have strong and nearly equal presence in the city. Given the city’s geography, plentiful water and wastewater, and ideal highway access, food manufacturing in particular is a unique and notable industry in Haverhill, for example. There is still a very talented precision manufacturing workforce, with some veterans from the former Western Electric/Lucent Technologies manufacturing days.

**Table 3. Unemployment Data**

<b>Year</b>	<b>Massachusetts</b>	<b>Haverhill</b>
1995	5.5%	6.0%
2000	2.6%	2.7%
2005	4.8%	5.4%
2010	8.3%	9.1%
2015	5.8%	6.1%
2016	3.7%	3.9%
2017	3.3%	3.4%

The mean travel time to work for all workers was 27.9 minutes, which indicates that many find employment within the general Lower Merrimack Valley area.

In 2016, the Healthcare & Social Assistance industry employed the largest number of workers at 17.6%, followed by 13% in Retail Trade, 11.8% in Manufacturing, and 10% in Educational Services.

In 2015, Haverhill saw the graduation of 1,155 students from Northern Essex Community College and 62 graduates from Northpoint Bible College. More than 40% of these students concentrated in General Business, Liberal Arts & Sciences, and General Studies.

Given these demographic factors, there is a need for free and freely-accessible public recreation opportunities, as well as expanded access to the Merrimack and Little Rivers and their riverfronts. Further pedestrian amenities are needed to facilitate walking and passive outdoor activities for the older population of Haverhill.

Continued development and upkeep of playgrounds and tot lots will be necessary to support the very young population as well. For example, there is a need for more accessible quality child care, especially in the city's urban core. However, these centers must either possess enough land to site their own playground or be within a quarter-mile of one. This requirement has been cited as a challenge by a 2018 state-funded preschool access grant. More child care means more labor availability.

Given Haverhill's immense physical layout, maintaining access to quality recreational facilities throughout the community remains a challenge. Conversely, the industrial and business parks are nearly full with little in the way of vacancies. There is a stated need to provide more commercial/industrial space in the city as well, which will need to be balanced and/or combined with the demand for additional recreational opportunities. Until the City develops more industrial space or reorganizes its business parks and industrially zoned areas, the City will be challenged to recruit new industries. Currently, the City is participating with the Commonwealth on a Site Readiness grant that is pre-developing an area off Broadway, along Interstate 495, for future industrial development. In short, the City's most prime (re)development opportunities lay along the Merrimack River and I-495.

When the River was a polluted, open sewer, the corresponding usage of this undesirable land was low quality (parking lots, storage facilities, empty lots, low-end housing, etc.). Now that the Merrimack River is a clean amenity, there is a need to 'reverse-engineer' the land along the river to provide for new upscale housing, trails and boardwalks, new waterfront retail and commercial opportunities, etc. The Merrimack River is now a place to be, but it wasn't always. There is still a great deal more to do to provide access to the Merrimack, which flows through Haverhill more than any other community from the White Mountains to the sea. The usage of the Bradford Rail-Trail (running along the south bank of the Merrimack River opposite Downtown) over its first year far exceeded expectations, despite construction activity affiliated with the adjacent

MBTA/B+M railroad bridge over the Merrimack. The desire for quality walking and cycling amenities is quite tangible with the populace, and the public and political support for more extensive sidewalk repair efforts has been notable.

The City, thanks to PARC grants, Gateway City Parks Program, Community Development Block Grants (CDBG) and its own bonded investments, has made significant headway in renovating, adding and providing better recreational and open space benefits for the community. This includes full-scale park renovations such as at Swasey Field, Cashman Field, Portland Street Park and Riverside Park. Other facilities such as G.A.R. Park and various playgrounds have been upgraded or improved. However, more needs to be done to accommodate the growing and shifting population demands and expectations.

At the same time, there is a real desire and need to maintain Haverhill's open spaces, especially its unique and notable farms and forestlands. Large sections of eastern, western, and southern Haverhill are home to these resource conservation areas. There is ongoing pressure to change zoning in these areas to accommodate growth, and it needs to be handled carefully and smartly. The City's active Conservation Commission and Forest Management Committee have been working to preserve these resources.

Other sites identified for possible industrial expansion include the former Dutton's Airport (off Route 108) and Hilldale Avenue. These are not areas that include notable forests but some of the land might be considered agricultural.

As the City embarks on its first Master Plan in two decades, the Open Space and Recreation Plan represents a significant piece of the puzzle, as well as a reflection of the challenges and promise ahead. There remains a need for a diverse set of recreational and open space investments in order to serve a growing and diverse set of current and future residents. This OSRP reflects the challenges and opportunities of the Master Plan—the City needs to grow, adding housing for every quarter, while simultaneously increasing its workforce, industrial/commercial base, as it preserves and expands its open space and recreational possibilities. Continued State and Federal resources will be a key to realizing all of these competing and critical aims.

### **Context and Demographics of Environmental Justice Populations**

The City of Haverhill has an Environmental Justice (EJ) zone that includes both low-moderate income neighborhoods as well as areas of notable minority concentration. This zone includes the Downtown area, the Lower Acre, Hilldale/Broadway, Highlands and Mount Washington neighborhoods. The EJ Zone does not encompass western and eastern sections of Haverhill nor Bradford.

The EJ Zone also corresponds closely with the City's HUD-designated Community Development Block Grant (CDBG) Target Area and the planting area for the Greening the Gateway Cities grant. The City's 40R Smart Growth Transit-Oriented District, the Merrimack Valley Planning Commission's Priority Growth District, the Riverfront Cultural District and the designated Transformative Development District are also

located within the confines of the EJ Zone. In short, the EJ Zone reflects much of the city’s densely settled urban core.

*D. Growth and Development Patterns*

The City of Haverhill is contained within approximately 35 square miles, or approximately 22,005 acres. Areas of individual land uses are shown in Table 5. As can be seen from this table, the principal land use is residential (41.74%). Single family development accounts for 27.7% (6,085 acres) and two or more family residential amounting to only 3.3% of total land area (although accounting for 13 % of the total number of parcels). The next highest category is vacant or undeveloped land, which accounted for approximately 10.7% (2370 acres). There are also 4,710 residential condominium units in the City of Haverhill representing 21.4% of the total parcel count. In 1988, residential uses accounted for 49.7% of Haverhill's total land use, whereas vacant land accounted for 20.9% (4,792 acres) of the total land. In 1969, residential uses accounted for only 12.5% of Haverhill's total land use, whereas vacant land accounted for more than half the City’s total area, or 54% (12,407 acres) of the total land. The reduction in vacant land is indicative of the growth experienced in Haverhill's residential sector over the last three decades.

Public (City and state owned property) and quasi-public uses including schools, public buildings, churches and institutions accounts for the next highest land use, totaling 15.2% of the City's overall land area.

Agriculture, Chapters 61, 61A and 61B, which accounts for 7.6% of the City's land area includes land currently assessed as "agriculture", “recreational” or “forest” for tax purposes.

**Table 4. Tabulation of Existing Land Use, 2008**

	<b>Acreage</b>	<b>% of Total Land</b>
<b>Residential</b>		
1-Family	6,085	27.7
2- & 3-Family	589	2.6
Multi-Family	226	1.0
Mixed-Use	1,864	8.5
<b>Sub-Total</b>	8,764	39.9
<b>Commercial/Industrial</b>		
Commercial	920	4.2
Industrial/Warehouse/R&D	1,053	4.8
<b>Sub-Total</b>	1,973	9.0
<b>Public/ Quasi-Public</b>		
State Owned (All)	238	1.1
Municipal-Public (Schools, churches, cemeteries, etc.)	3,110	14.1

<b>Sub-Total</b>	3,348	15.2
<b>Agriculture</b>	1,665	7.6
<b>Vacant(Residential Land)</b>	2,370	10.8
<b>Other(Condos, Roads, Etc.)</b>	3,885	17.6
<b>Total Area (acres)</b>	22,005	100
<b>Total Square Miles</b>	34.38	100

### **Land Use Pattern**

Table 7 shows the distribution and arrangement of the various land use categories throughout Haverhill. The land use pattern consists of a downtown and central urban area that centers on the Merrimack River, and area of equal intensity on both the north and south back sides of the river although somewhat heavier on the north bank. There are still major farm and agricultural areas within the City limits. The completion of I-495 has affected land use pattern extensively, with new commercial uses along the highway, particularly at the interchanges. Industrial development is concentrated in the City's three major business parks. These parks are located in the Ward Hill area and off Route 97, both in close proximity to Route I-495, and in the upper-Hilldale Avenue area, in close proximity to Route 125. The existing residential development and projects under construction are scattered throughout the City.

### **Landscape Character**

Haverhill has a unique and valuable landscape that gives it its unique character. As the name implies Haverhill contains the Merrimack River in close proximity to rather substantial hills. Rolling hills, large as well as small farms, streams, thick forests, and its lakes and wetland areas all combine to establish Haverhill's landscape. Haverhill still contains nearly 60 active farms and along with the weekly farmer's market serves to retain a strong farming heritage.

The close proximity of the river to thick forest teeming with wildlife is still rather unusual for eastern Massachusetts and whole sections of the City outskirts remain untouched. To date the City has done a good job of limiting most development toward the center of town.

Outsiders sometimes characterized Haverhill as an urban factory town and it is sometimes confused with neighboring “corporate” mill cities such as Lawrence and Lowell. Yet, in reality, almost two-thirds of Haverhill is a mix of rural and suburban development with large pockets of pristine rural landscape, presenting a much more diverse totality than is typically found in such communities. In the eastern, western, and southern portions of the City are open farmsteads surrounded by fields and rural vistas. A number of roads can be characterized as “scenic” because of their open spaces, stone walls, and rows of old trees. Within the more urban developed areas there are intact streetscapes lined with trees as well as inner-City parks and boulevards. Patterns of development centered around meetinghouses, evidence of the parish as a political and settlement unit, are still readily visible in many places, as are original field systems. Haverhill is also fortunate in possessing a number of historic trees.

## **Infrastructure**

### ***Transportation systems***

The development of transportation resources serving the Merrimack Valley has placed Haverhill at its center. The City has good highway and rail facilities that link major cities and towns to each other, in addition to the port, airport, and inter-modal facilities in Boston, Portsmouth, and Manchester. The City has five (5) exits on Interstate 495.

The Merrimack Valley Regional Transit Authority (MVRTA) serves the northeast corner of Massachusetts with over one million miles of City, suburban and interurban, and rural scheduled bus routes. The MVRTA's service area includes Haverhill, Lawrence, Methuen, Andover, North Andover, Amesbury, and Newburyport, with services provided to the Lowell Transit Center and the Buckley (Lawrence) Transportation Center and area rail stations. The MVRTA provides access throughout Haverhill's downtown area and provides general access to area along Route 110, Route 125 north to Plaistow, NH, and south to include the Industrial Parks.

The City is served by two rail stations, which include Bradford and downtown Haverhill. The City is also served by the Boston-to-Portland Amtrak High Speed Rail System. The Haverhill Train Station, which has undergone significant renovations, was originally the only station stop in Massachusetts, besides Boston.

The City has four (4) vehicular bridges that span the Merrimack River, not including the two along Route I-495. These bridges are the Comeau Bridge (Upper County Bridge), which was originally built in 1906 and reopened in 2007 following a five-year replacement construction period; the Basiliere Bridge, which was built in 1925; the Bates Bridge (Groveland Bridge, Lower County Bridge), which was built in 1914, rebuilt in 1951 and is scheduled for replacement with construction of an adjacent new bridge beginning in 2009; and the Rocks Village Bridge, which was originally built in 1883 and was rebuilt in 1914.

### ***Water Supply***

In 1891, the Haverhill Water Works System was established through acquisition of a private company. The consolidation with the Bradford Water System occurred in 1896 to create the Haverhill water system, as it exists today.

The Haverhill water system services the majority of the area within the City. Water for this system is supplied from six reservoirs: Kenoza Lake, Millvale Reservoir, Crystal Lake, Round Pond (a.k.a. Lake Pentucket), Chadwick Pond, Hovey's Pond, and Johnson's Pond. Kenoza Lake, Crystal Lake, Round Pond, and Millvale Reservoir are the water supplies for the City. The remaining three reservoirs are currently not on line and are reserved for emergency use. Water from the Millvale Reservoir and Crystal Lake is pumped to Kenoza Lake which is then pumped to the treatment plant and finally into the distribution system. Round Pond drains to Kenoza Lake, via Winnekenni Basin, through a gravity pipe system.

### ***Water Supply Needs***

By definition, the maximum firm yield is the amount of water that the City might expect to have available in a severe drought (e.g. mid-1960s). The current firm yield of the Haverhill Water supply system is 7.1 million gallons per day (mgd). However, this figure does not account for deteriorated water quality or drought condition of greater severity than that of the 1960s.

The firm yield for the City's reservoirs is comprised of two components, the registered volume and the permitted volume. These volumes are defined by the City's Water Management Act Withdrawal Permit and are aggregated based on the City's active water supply reservoirs.

Registered Withdrawal Volume	6.06 mgd
<u>Permitted Withdrawal Volume</u>	<u>1.04 mgd</u>
TOTAL	7.10 mgd

The registered volume is the volume granted to the City in through legislation and is considered the City's right to water without condition. The permitted volume is the amount allowed under the Water Management Act that can be conditioned by the Massachusetts Department of Environmental Protection to meet certain performance standards. Today all increases in withdrawal volumes fall under the permitted volume category.

According to the City's records, the average daily water demand during 2001 was 6.80 mgd. As a further indication of the increased strain on the water supply system, the maximum water demand for a single day in 2001 was 13.82 mgd.

Although Haverhill's water supply currently meets demand additional sources are in development to meet future water needs. Future water demand projections done as part of the 2010 Water System Master Plan by the City's water supply consultant, Wright-Pierce, estimated that by 2030 the City's water demand will approach its safe yield. To meet the future water supply need and serve as a redundant water supply the City is actively working toward permitting and constructing a high-yield radial collector well on the bank of the Merrimack River.

In recent years the City's efforts at leak detection and meter replacement has resulted in a significant reduction in the amount of water consumed on average and the peak day. In addition these efforts have allowed the City to meet or be below current MassDEP water supply management metrics, unaccounted for water (UAW) and residential gallons per capita day usage (RGPCD). Average day water demand and projections are as follows:

**Table 5. City Demands on the Water Supply**

<b>Year</b>	<b>Average Day Demand (mgd)</b>
1981 - 1990	5.70 average
1991 - 2000	5.59 average
2001 - 2010	6.14 average
2011	5.39
2012	5.39
2013	5.49
2014	5.56
2015	5.96
2016	5.54
2017	5.24
2018*	6.37
2019*	6.41
2020*	6.64
2021*	6.67
2022*	6.70
2023*	6.74
2024*	6.77
2025*	6.80
2026*	6.84
2027*	6.89
2028*	6.93
2029*	6.98
2030*	7.02
2031*	7.10
2032*	7.10
2033*	7.10
2034*	7.10

\*Projections taken from the City’s 2017 Water Management Act Renewal Application and the City’s 2010 “Water Master Plan”. The City’s current withdrawal limit (i.e. prior to its 2017 Renewal Application) is 7.10 mgd under the Water Management Act.

***Additional Water Supplies***

As noted above, to meet the future water supply need and serve as a redundant water supply the City is actively working toward permitting and constructing a high-yield radial collector well on the bank of the Merrimack River.

***Water Quality and Treatment***

High levels of sodium from roadway runoff are currently the major water quality concern in the supply system. However, other land uses located in the supply watersheds also threaten water quality (e.g. insecticide and fertilizer applications on golf courses, underground storage tanks, and gravel pit runoff) as well as seepage from domestic septic systems, which can lead to high nutrient concentrations.

The water treatment plant located at Kenoza Lake is undergoing a comprehensive renovation. The major goals of the renovation of the 40-year old facility are to increase the treatment capacity over aging system, provide treatment process redundancy. Another major change to the facility is moving from gravity settling to dissolved air flotation (DAF) for the clarification system. This change will allow the facility to provide better treatment for low turbidity source water. DAF will provide a means for the facility to effectively remove algae that may enter the treatment process which is difficult to remove with gravity settling. Once the renovations are complete in 2020 the water treatment process will consist of coagulation using static mixers, two-stage flocculation, DAF, sand filtration, granular activated carbon filtration, fluoridation, disinfection, and corrosion control. Chemicals used in the treatment process include aluminum sulfate, sodium hydroxide, potassium permanganate, sodium hypochlorite, sodium silicofluoride, and zinc orthophosphate.

### ***Sewer and Onsite Septic Disposal***

The City's wastewater treatment plant can process 18.1 mgd of sewage. The plant currently treats an average of 11.3 mgd. In 1989 the plant was processing approximately 12.2 mgd. The City completed a Wastewater Facility Plan in October of 1990. This document recommended a 20-year plan to best meet the City's present and future wastewater collection system needs. The existing plant can accommodate projected flows generated from the existing and projected zoning build-outs. However, extensions to the system (pipes, pumps, etc.) will be necessary to serve increased development. Several areas of Haverhill are currently experiencing problems with onsite disposal systems, primarily the results of high ground water and poor soil conditions. Failing septic systems pose potential public health problems. Generally, areas with high residential densities, industrial uses, and high commercial and office densities should be on the City's sewer system.

The existing sewer system and proposed extensions services the central core of the City. Areas not serviced by the sewer system include West Haverhill (North Broadway, Crystal Lake Area and Ayers Village); East Haverhill (Amesbury Road, Rocks Village, east of Kenoza Lake, East Broadway), and South Bradford (south of Willow Avenue).

To insure environmental resource protection Federal standards suggest that residential areas not serviced by sewer or water system have a 2-acre lot minimum. To protect environmental resources and promote development, industrial and office zoned areas must be sewered. Business parks in the Ward Hill and Broadway areas have been constructed with municipal sewer systems. The City completed construction to provide sewer to the Hilldale Avenue business park in 2011. The office park zoned land on Route 108 benefits from the installation of a sewer lift station on this roadway.

## **Long Term Growth and Development Patterns**

### ***Local Land Use Controls***

The City of Haverhill established a zoning review committee in 2012 to review and modernize the City's Zoning Code. Under consideration is the adoption of a "flexible development" ordinance with the following purposes:

- Encourage the preservation of open land for its scenic beauty and to enhance agricultural, open space, forestry, and recreational use;
- Preserve historical and archeological resources; to protect the natural environment, including the City's varied landscapes and water resources;
- Protect the value of real property;
- Promote more sensitive siting of buildings and better overall site planning;
- Perpetuate the appearance of the City's traditional New England landscape;
- Facilitate the construction and maintenance of streets, utilities, and public services in a more economical and efficient manner;
- Offer an alternative to standard subdivision development; and
- Promote the development of housing for persons over the age of fifty five.

The efforts of the committee are nearly concluded, with the public presentation and review period likely to occur later in 2018.

The City established a Chapter 40R Downtown Smart Growth Overlay District (City Code Section 255-98) on December 5, 2006. It is the purpose of this ordinance to encourage smart growth in accordance with the purposes of M.G.L. Chapter 40R and to foster a range of housing opportunities along with a mixed-use development component, to be proposed in a distinctive and attractive site development program that promotes compact design, preservation of open space, and a variety of transportation options, including enhanced pedestrian access to employment and nearby rail access. Other objectives of this ordinance are to:

- Promote the public health, safety, and welfare by encouraging diversity of housing opportunities;
- Provide for a full range of housing choices for households of all incomes, ages, and sizes in order to meet the goal of preserving municipal character and diversity;
- Increase the production of a range of housing units to meet existing and anticipated housing needs;
- Provide a mechanism by which residential development can contribute directly to increasing the supply and diversity of housing;
- Establish requirements, standards, and guidelines and ensure predictable, fair, and cost-effective development review and permitting;
- Establish development standards to allow context-sensitive design and creative site planning; and
- Enable the City to receive Zoning Incentive Payments and/or Density Bonus Payments in accordance with M.G.L. Chapter 40R, 760 CMR 59.06, and M.G.L. Chapter 40S, arising from the development of housing in the District.

Development within watershed areas of Haverhill is regulated at the local level by the following mechanisms:

- The Watershed Protection Overlay District Ordinance

- The Conservation Commission’s Wetlands Protection Ordinance
- The Planning Board Subdivision Rules and Regulations
- The Board of Health Regulations
- Zoning Ordinances

The City created a Watershed Protection Overlay District Ordinance, City Code Section 255-19, on May 5, 1998. The purpose of this ordinance is to preserve and enhance the water quality of the watersheds within the City of Haverhill and to create a mechanism to discourage the detrimental use and development of land and waters within the watershed protection district. This ordinance defines watershed boundaries and provides additional controls over development that falls within watershed areas; however, the ordinance works in conjunction with the underlying zones as well. The underlying zones in the watershed area are as follows:

- Special Conservation (SC)
- Residential Rural Density (RR)
- Residential High Density (RH)
- Residential Medium Density (RM)
- Residential Low Density (RL)
- Commercial Highway (CH)

The predominant underlying zone in the watershed is the SC zone. The following table provides an approximate percentage of the underlying zones in each watershed. A Zoning District Map has been provided in Appendix A.

**Table 6. Underlying Zoning Districts within Watersheds**

Watershed Name	<i>Underlying Zoning District</i>						Total Area of Watershed in Haverhill
	SC	RR	RL	RM	RH	CH	
Kenoza Lake: Area (Acres)	650.4	2.8	--	43.9	--	--	697.1
% of Watershed	93.3%	0.4%	0%	6.3%	0%	0%	100% in Haverhill
Millvale Reservoir: Area (Acres)	2,549.3	43.1	--	40.5	32.4	32.4	2,697.7
% of Watershed	94.5%	1.6%	0%	1.5%	1.2%	1.2%	57% in Haverhill
Round Pond: Area (Acres)	61.4	--	--	41.1	12.1	--	114.6

% of Watershed	53.5%	0%	0%	35.9%	10.6%	0%	100% in Haverhill
Crystal Lake: Area (Acres)	843.0	68.4	--	--	--	--	911.4
% of Watershed	92.5%	7.5%	0%	0%	0%	0%	72% in Haverhill
Chadwick's/Johnson's Ponds: Area (Acres)	1,155.4	37.9	29.3	--	--	--	1,222.6
% of Watershed	94.5%	3.1%	2.4%	0%	0%	0%	38.5% in Haverhill

**Table 7. Haverhill Zoning Districts and Minimum Lot Sizes**

Zoning District		Minimum Lot Size
SC	Special Conservation	2 acres
RR	Rural Density Residential	80,000 sf
RL	Low Density Residential	40,000 sf
RM	Medium Density Residential	20,000 sf
RH	High Density Residential	7,500 sf/single-family house
RU	Urban Rural	7,500 sf/single-family house
Zoning District		Minimum Lot Size
CN	Commercial Neighborhood	5,000 sf
CH	Commercial Highway	22,500 sf
CG	Commercial General	20,000 sf
CC	Commercial Central	5,000 sf
OP	Office Park	10,000 sf
IP	Industrial Park	40,000 sf 15,000 sf/single-family house
IG	Industrial General	10,000 sf

**Table 8. Residential Development Alternatives**

Development Form*	Minimum Acreage	Density
Cluster Development	15	7,500 sf/unit; Gross Density not to exceed that of underlying district; 10% density bonus for minimum 30% open space
Planned Unit Development (PUD)	10 (25 in RM Zone)	Gross Density not to exceed that of underlying district; 30% of overall area set aside for open space
Multi-family	--	Varies based on zoning district; no open space requirement; must conform to existing environmental site constraints

*\*Allowed only in areas served by municipal water and sewer.*

### **Density Concerns**

In 2000, the City increased the minimum lot sizes and frontage requirements for a number of its zoning districts. However, it maintained the minimum acreage requirements to promote residential development alternatives. Many cluster development projects were approved during the ensuing decade which translated into the City's acquisition of important open space tracts.

### **Permitted Uses**

There are certain permitted uses in each zone that are of concern for water quality. The CH zone has the most uses that are of concern; however, the CH zone covers a relatively small portion of the watershed. In addition, the Watershed Protection Overlay District Ordinance requires all proposed commercial uses to go through the Special Permit Review Process.

Of particular concern in the SC zone are golf courses, power plants, sewage treatment plants, and solid waste facilities.

### **Additional Zoning Ordinances**

In addition to those mentioned above, there are other ordinances that regulate development activities in Haverhill. These ordinances are as follows:

255-18	Floodplain District
255-82	Environmental Performance Standards
255-84	Removal of Earth Materials
255-85	Filling of Any Water or Wet Areas
255-85.1	Building near Water Supply
255-154	Waterfront District

This latter ordinance, establishing the Waterfront District, was adopted in 2014 as a comprehensive zoning district for the City's downtown, waterfront area. The City of Haverhill's waterfront was once an active place for boating and water-dependent uses. This zoning district intends to recapture that active place and encourage connections, both visually and physically, from the downtown to the waterfront. A major objective of the district was to expand upon the existing rail trail and create a waterfront walkway connecting the downtown and the Bradford side of the Merrimack River. The City is well on its way in meeting this objective with the ever-expanding downtown boardwalk and the Bradford Rail Trail.

The Waterfront District encompasses sections of the downtown along the north side of the Merrimack River and the area located on the south (Bradford) side of the Merrimack River. Connections, either visually or physically, between the Bradford side of the Merrimack River and the rest of the downtown continue to be a focal point. This district creates standards and provides developers with incentives to create a connection for both sides of the river.

The Waterfront District contains standards for the entire district and also creates sub-zones that contain standards specific to each zone. Each sub-zone encourages uses that are appropriate for the zone. Under the umbrella of the Waterfront District, each of the sub-zones contain goals and standards that create a comprehensive vision for the waterfront. Together, each of the sub-zones include goals for either developing affordable housing, market-rate housing, mixed-use development, artist live/work space, retail/office, higher educational uses, water-dependent uses, and high- and low-density residential.

The major objectives of the district are to:

- Promote public access to and along the Merrimack River.
- Promote new view corridors and protect existing view corridors to the Merrimack River.
- Promote physical and visual connections between both the north and south sides of the Merrimack River and the downtown.
- Link the Merrimack River with street edges to maintain adequate pedestrian circulation and views of both the street and the river.
- Provide the maximum public benefit in any new development or redevelopment of land along the Merrimack River.
- Regain an active waterfront.
- Create development nodes in order to plan for a comprehensive waterfront.
- Create diversity of housing opportunities along the waterfront and within the downtown.
- Create an artist community and promote artist live/work space in the downtown and along the waterfront.
- Create a retail and restaurant base that downtown residents can utilize.
- Facilitate development of a mix of uses that contributes to a vibrant business environment and increases street level activity.
- Ensure that existing and future development contributes to a continuous and active street that addresses the contextual, human-scale, mixed-use, and pedestrian-friendly needs of the downtown.
- Create new jobs at a variety of income levels.
- Encourage the reuse of existing buildings and the construction of new, innovative designs that enhance the area.
- Redevelop vacant or underutilized land with appropriately dense development.
- Promote pedestrian activity in the downtown.
- Encourage neighborhood and cultural tourism uses as well as infill housing and rehabilitation of existing structures.

### **Subdivision Regulations**

#### **Rules and Regulations Governing the Subdivision of Land in the City of Haverhill**

In 2000, the City of Haverhill updated its Subdivision Rules and Regulations. The Rules and Regulations are administered by the Planning Board. The updates, in part, addressed concerns outlined in the 1989 WMP in the following areas:

- Erosion and sedimentation control;

- storm water management;
- vegetative cover; and
- natural resources.

The new Rules and Regulations have strengthened these areas as follows:

***Erosion and Sedimentation Control***

Erosion Control Plans are required for (Form C) Subdivision Plans. The plan must provide erosion and sediment control methods both during and after construction.

***Storm Water Management***

The new regulations specify the design storms for the sizing of drainage facilities and states that the Planning Board may require a 0% increase in the rate of runoff. The new regulation also states that for discharges onto adjacent properties not owned by the applicant, the applicant shall present evidence to the Planning Board that such discharge is satisfactory, permitted, and does not cause any detrimental effects to public or private property.

In addition to the Subdivision Regulations, a project that disturbs one acre or more of land requires a Storm Water Pollution Prevention Plan (SWPPP), and a Notice of Intent filing with the Environmental Protection Agency under the National Pollution Discharge Elimination System program. Also, the project must comply with the Massachusetts Storm Water Regulations when it falls under the jurisdiction of the Massachusetts Wetlands Protection Act.

In 2017, municipal departments filed a new stormwater ordinance with the City Council to comply with the City’s Massachusetts Small MS4 General Permit. The ordinance aims to protect, maintain, and enhance public health, safety, environment and general welfare by establishing minimum requirements and procedures to control the adverse effects of increased nonpoint source pollution associated with new development, redevelopment, and other land disturbance activities, and post-development storm water runoff. The draft ordinance is progressing through the Council’s review process and final adoption is anticipated during the summer of 2018.

***Vegetative Cover***

The new regulations require a Vegetative Cover Analysis as part of a Statement of Environmental Impact. It also provides planting requirements, street trees, and planting strips. The regulation specifies the numbers of trees and dimensions and slopes of planting strips, but it does not specify time limits for exposed soil, seeding requirements, mulching, slope protection, or other landscaping best management practices.

***Natural Resources***

The subdivision regulations require a statement of Environmental Impact that must evaluate topographic conditions, soils, groundwater, surface water, and the project’s

impact on these resources. Natural resources, however, are mostly protected through zoning and state and federal regulations.

Currently, City officials are again discussing updates to accommodate “Smart Growth” principles, such as Low Impact Development, and methods for protecting groundwater.

### **Board of Health Regulations**

The Board of Health is responsible for ensuring that septic systems are correctly sited and installed according to the provisions of 310 CMR 15.000: The State Environmental Code, Title V, Effective Date: 4/21/06. In addition to the requirements of this code, the Board of Health requires septic system tanks and leaching facilities to be constructed a minimum of 500’ from the City’s surface water supplies.

The Board of Health witnesses soil testing and is responsible for reviewing and approving plans. The Board of Health also performs inspections during construction.

In the City’s 1989 watershed management plan, concerns were raised about soil testing and the high number of approvals in areas where soil conditions were poor. Since the 1989 plan, the State code has dramatically changed the procedure of soil testing. Title V currently requires that soils tests be performed by a Massachusetts Department of Environmental Protection Certified Soil Evaluator. The seasonal high water table is now estimated using soil morphology (i.e. indication of a water table from soil oxidation / reduction evidence) as opposed to measuring the observed water table during the wet season. In general, this approach should prevent systems from being placed too low in “dry” years when the water table may be lower than normal. In the watershed, however, the Board of Health should ensure that the soil profiles are complete and consistent as far as where mottling (indication of the seasonal high water table) was observed versus the soil texture, associated land forms and soil layers. For example, a perched water table might be expected on a drumlin with compact glacial till. Also, it is important that a percolation test be performed in the most restrictive layer of soil.

### **Conservation Commission Requirements**

The Conservation Commission is responsible for administering the Wetlands Protection Act, the Rivers Protection Act, the related Stormwater Management Regulations, and the City’s Ordinance to Protect the Wetlands, Related Water Resources, and adjoining land areas. The ordinance is administered through the typical Wetlands Protection Act permitting process.

### **Zoning: Permitted Land Uses in Surrounding Communities**

Because such a large percentage of Haverhill’s watershed area lies outside of the City (as much as 43%), this update has extended the limits of the Zoning Review to include Boxford, Groveland, and Merrimac, MA, as well as Newton, Plaistow, and Atkinson, NH. In the original 1989 WMP, a Zoning Map and table were provided that identified the percentage of zoning districts within the main watersheds for Haverhill only. In this update, a new figure and table have been developed to show the zoning districts for each watershed, including portions outside of Haverhill. Although the City does not

have the same level of control over activities and land use in surrounding communities as it does over land in Haverhill, it is important that development and zoning issues that occur in surrounding communities within Haverhill's watershed be monitored. The City should be involved in development and/or zoning proposals in surrounding communities that affect its watershed and find ways to ensure that Haverhill's interest in source water protection are considered. In some instances, Haverhill may be able to assist a neighboring community in some other way in exchange for watershed protection considerations. The following is a brief overview of the zoning bylaws in the six communities that are in Haverhill's watershed.

### ***Atkinson, NH***

Zoning in Atkinson has a direct impact on the Crystal Lake watershed since 28% of the watershed is located in Atkinson. The portion of the Crystal Lake watershed in Atkinson consists of two zones, Rural Residential with a Golf and Sports Complex Sub-district (RR-2/SCR) and Town Residential (TR-2). Atkinson has both a wetlands provision and a Floodplain Conservation District that regulate building in wetlands and floodplains. The watershed area in Atkinson consists predominantly of residential and agricultural uses. The area is not served by municipal sewerage.

### ***Plaistow, NH***

Zoning in Plaistow has a direct impact on the East Meadow River / Millvale Reservoir watershed, as 7% of that watershed is located in Plaistow. The portion of the Millvale watershed in Plaistow consists of two zones, Low Density Residential (LDR) and Integrated Commercial-Residential (ICR). Plaistow has a wetlands provision that regulates building in wetlands and floodplains. The watershed area in Plaistow is predominantly residential with some commercial uses along Route 108. The area is not served by municipal sewerage.

### ***Newton, NH***

Zoning in Newton has a direct impact on the East Meadow River / Millvale Reservoir watershed, as 9% of that watershed is located in Newton. The portion of the Millvale watershed in Newton consists of three zones; Residential-A, Commercial, and Light Industrial/ Commercial. Newton has a wetlands provision that regulates building in wetlands. The watershed area in Newton is predominantly residential with some commercial and light industry uses along Route 108. The area is not served by municipal sewerage.

### ***Merrimac, MA***

Zoning in Merrimac has a direct impact on the East Meadow River / Millvale Reservoir watershed, as 27% of that watershed is located in Merrimac. The portion of the Millvale watershed in Merrimac consists of three zones; Agricultural-Residential, Suburban Residential, and Commercial. The area is predominantly residential with some commercial uses along Route 110.

### ***Groveland, MA***

Zoning in Groveland has a direct impact on the Johnson's Pond watershed, as more than half of Johnson's Pond is located in Groveland, including 16% of the Johnson's Pond watershed. The portion of the Johnson's Pond watershed in Groveland is in the Residential-A zone. The area is predominantly residential with some agricultural uses. The area is not sewerred.

### ***Boxford, MA***

Zoning in Boxford has a direct impact on the Chadwick's Pond / Johnson's Pond watershed since Chadwick's Pond and Johnson's Pond are both partially located in Boxford. Boxford contains 50% of Haverhill's total Chadwick's Pond / Johnson's Pond watershed area. The portion of the Chadwick's Pond / Johnson's Pond watershed in Boxford consists of the Residential-A zone and two Overlay districts, the Conservancy District, and the Pond Watershed Overlay District around Hovey's Pond (which is the headwaters for Johnson's Pond). The area is predominantly residential with some agricultural uses. A golf course is located on the west side of the watershed. The area is not sewerred. Boxford's Pond Watershed Overlay District is similar to Haverhill's Watershed Protection District in that it regulated uses and setbacks in the watershed area.

### **Maximum Buildout**

The 1989 "Watershed Management Plan", prepared by Camp Dresser & McKee, performed an extensive Build-Out Analysis of the City. In the 1999 "Watershed Management Plan – Guidelines for Source Protection Through the Year 2005," Green International Affiliates reviewed existing structures from the City's current tax maps and updated a "Vacant Developable Land Plan" from the 1989 study.

## Section IV

### Environmental Inventory and Analysis

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#### A. *Geology, Soils, and Topography*

##### **Topography**

Noted for its numerous hills, the topography of Haverhill is varied, ranging from steep slopes like those found in the area of Kenoza Lake, to flatlands along the Merrimack River, to gently rolling hills found throughout the City. Table 12 identifies Haverhill's higher peaks, along with some of the more notable hills. There are numerous peaks over 200 feet in height and some exceeding 300 feet in height. Many of the City's hills provide a broad panorama of the lower Merrimack Valley, with views towards the ocean, New Hampshire, the City, and surrounding towns. Slope characteristics effect development potential, since slopes exceeding 30 percent are more difficult and costly to develop than flatter areas.

**Table 9. Haverhill's Hills**

Hill Common Name	Approximate Height in feet (meters)
Ayers (Great)	337 (102)
Ayers Village	307 (93)
Gale	307 (93)
Maiden	307 (93)
Long	297 (90)
Corliss	287 (87)
Scotland	287 (87)
West Meadow	287 (87)
Ward	277 (84)
Winnekenni	277 (84)
Dead	274 (82.9)
Bush	267 (81)
Job	267 (81)
Parsonage	267 (81)
Silver	267 (81)
Golden	257 (78)
Turkey	257 (78)
Beebe	238 (72)
Kimball	198 (60)

##### **Soils**

Soils in Haverhill consist chiefly of sands and loamy sands formed in outwash deposits along the Merrimack River and sands formed in compact glacial till. Soils formed in compact glacial till have seasonal high water tables, slow permeability rates, and a cemented layer of silt and very fine sand that restricts downward movement of water.

Small scattered areas in the City have no soil restrictions for the use of the standard leaching system as required in The State Environmental Code, Title 5: Minimum Requirements for the Subsurface Disposal of Sanitary Sewage. The majority of areas not on the sewer system contain limitations to standard leaching system due to soil restrictive features such as:

Flooding.

Seasonal high water table.

Shallow depth to bedrock.

Slow permeability.

Cemented layer of silt and very fine sand at a depth of 18" that restricts the movement of water.

Examination of soils in these areas would be needed to determine more precisely the extent of restrictive and non-restrictive soil features. An area north of Crystal Lake contains soils with a shallow depth to bedrock, should not be considered for future growth unless the sewer system is expanded.

Soil groups in the City are concentrated in the Paxton-Woodbridge-Mills, and Windsor-Hinckley associations, they constitute 63% of the City total, and are found mainly in the eastern and western sections of the City, and in the southern Bradford. The Paxton-group has severe limitations for high density residential, industrial, or school use; and the Windsor-group has slight limitations (U.S. Soil Conservation Service). Residential development will be confined to a low-density, thus favors the retention of this land for forest or agricultural use.

Soils will be available in digital format later in 2000 as they become available from the State of Massachusetts and the City Engineers Office.

### **Farmlands**

Agricultural land is concentrated mainly in the eastern areas, along the Merrimack River and East Broadway, and in the western area along Broadway and North Broadway. Much of this is used as pasture, or along the Merrimack River, for raising crops. These two areas also contain most of the woodland in the City, along with the Chadwick Pond area in Bradford. Development pressures have been increasing in these areas, which are partially protected by special conservation (two-acre) zoning. The enactment of Chapter 61A, for agricultural assessment at its use value, has provided relief for some farm owners and helps to retain this valuable (and scenic) land for agricultural use.

### *B. Landscape Character*

Haverhill has a unique and valuable landscape that gives it its unique character. As the name implies Haverhill contains the Merrimack River in close proximity to rather substantial hills. Rolling hills, large as well as small farms, streams, thick forests, and

its lakes and wetland areas all combine to establish Haverhill's landscape. Haverhill still contains many active farms and along with the weekly farmer's market serves to retain a strong farming heritage.

The close proximity of the river to thick forest teeming with wildlife is still rather unusual for eastern Massachusetts and whole sections of the City outskirts remain untouched. To date the City has done a good job of limiting most development toward the center of town.

### *C. Water Resources*

#### **Rivers, Lakes, and Streams**

The City of Haverhill is located entirely within the Merrimack River watershed basin. Throughout the City, the water level of the Merrimack River fluctuates with the tides.

The City's three outlying lakes (Crystal Lake, Millvale Reservoir, and Chadwick Pond) have large watersheds which effectively restrict development in these areas. Millvale Reservoir and Crystal Lake have outflow streams, East Meadow River and Creek Brook, which flow into the Merrimack River. The river is tidal up to Haverhill. The Little River flows through the center of the City, cutting the City into two distinct sections. Throughout most of their paths, the two rivers are bordered by extensive woodlands and agricultural land.

These lakes and water courses provide a unique opportunity to the residents of Haverhill for boating, fishing, swimming, and passive recreation along their shores. At present, Kenoza Lake, Lake Pentucket (Round Pond), Lake Saltonstall (Plug Pond), and the Millvale Reservoir are protected from development by City-owned land. With purchase and protection of other lakes and streams in the watershed, a greenbelt system can be established which will provide direct pedestrian access from the central area to this open space. The beginning of tying river corridors to the urban populace has already begun to take shape in the downtown area. A riverfront boardwalk has been designed and funded. Construction of the boardwalk is scheduled to begin in the summer of 2008. The preservation of existing and the acquisition of Merrimack River waterfront property is a high priority in the overall plan.

#### **Wetlands**

Wetlands are transitional zones between terrestrial and aquatic systems. Wetlands in Haverhill were identified and mapped by compiling data from the following source of wetland information:

U.S. Geological Survey Topographical Maps.

U.S. Fish and Wildlife Service National Wetlands Inventory Maps.

Soil Conservation Service Maps.

Federal Emergency Management Agency (FEMA) Flood Insurance Rate Maps.

Massachusetts Geographic Information System.

The location of significant areas of wetlands, including water bodies, waterways, and vegetated wetlands are shown on Figure 1-4. Wetlands in Haverhill are generally associated with the Merrimack River, which bifurcates the City. Additional tracts of wetlands are associated with Crystal Lake, Creek Brook, Little River, Kenoza Lake, East Meadow Brook, and Millvale Reservoir, all located north of the Merrimack. Wetlands south of the Merrimack include a portion of Chadwick Pond and small pockets of vegetated wetlands associated with streams.

Performance Standards have been established by the Wetlands Protection Act, which limits the amount of disturbance permitted for wetlands. Because of these limitations, the wetlands shown in Figure 1-4 are considered unsuitable for development.

### **Vernal Pools**

Vernal pools constitute a unique and increasingly rare type of wetland that is inhabited by many species of wildlife, some of which are totally dependent of vernal pool habitat for their survival. This uniqueness is due to a number of factors, including their small size, generally temporary nature, isolation from permanent water bodies and absence of fish populations. Owing to the fact that vernal pools are devoid of the effects of fish predation, the breeding strategies of a number of amphibian species have evolved to the point of total reliance on these isolated wetlands. Currently, 16 Vernal Pools have been certified in Haverhill. More vernal pools exist in Haverhill and should be documented and then certified for protected status.

### **Merrimack River Basin Aquifers**

The principal aquifers in the Merrimack River basin are composed of unconsolidated sand and gravel that were deposited in melt water streams during the glacial period. Aquifers that can sustain well yields of more than 300 gal/min lie primary along the Merrimack River and its major tributaries. The largest area of glacial deposits capable of yielding more than 300 gal/min to single wells is located in northwestern Amesbury, near the New Hampshire border.

Many small aquifers (saturated thickness less than 50 ft) in stream valleys and wetlands throughout the basin sustain wells yielding less than 100 gal/min. Igneous and metamorphic bedrock throughout the basin provides a sufficient quantity of water for most domestic wells. Yields range from less than a gallon per minute to about 100 gal/min. The median yield of 41 bedrock wells is 10 gal/min.

In Massachusetts, the Merrimack River planning basin includes the Stony Brook basin, the drainage area of the Merrimack River below the confluence of the Merrimack and Concord Rivers, excluding the Shawsheen River basin. The basin, sometimes referred to as the lower Merrimack River basin, is located in Essex and Middlesex Counties and includes all part of 28 cities and towns, including the cities of Haverhill, Lawrence, and Lowell.

Altitudes in the basin range from sea level to about 300 ft above sea level at the tops of small hills. Unless otherwise noted, these descriptions of the water resources of the

Merrimack River basin are based on Hydrologic Investigations Atlas 616, Gay and Delaney, 1980.

### **Recreational Uses**

The City owns a significant amount of the land adjacent to its water supply sources. Most of this land is kept in a natural vegetated condition to act as a buffer between development and roadways and the physical water supply sources. Because of this natural condition and the fact that the land is publicly owned, these areas provide a secondary benefit for recreational use. Currently, the City has a number of recreational programs and activities that occur within the watershed areas that are consistent with sound watershed management and source protection uses. Secondly, the City also has an active program to ensure that recreational uses that are illegal and would adversely impact the water supply do not occur.

The following is a list of recreational activities that are allowed on City property and in some cases organized by the City for each of the watershed areas:

#### **Kenoza Lake (Active Primary Source)**

Hiking

Cross country skiing

Fishing (in Winnekenni Basin)

Winnekenni Park Conservation Area (includes playground equipment and tennis courts)

Bird Watching

Horseback riding

Mountain biking

#### **Millvale Reservoir (Active Primary Source)**

Meadow Brook Conservation Area

Fishing

Boating (Electric motors only)

Hiking

Cross country skiing

Bird watching

Hunting

#### **Round Pond (Active Primary Source)**

Fred DiBartolomeo Memorial Park

Steven F. Woidyla Landing & Trail

Fishing

Boating (Electric motors only)

#### **Crystal Lake (Active Primary Source)**

Crystal Point, Crystal Shores, and Crystal Gorge Conservation Areas

Hiking

Fishing by special permit

Cross country skiing  
Mountain biking  
Hunting

**Johnson's Pond/ Chadwick's Pond (Reserve and Possible Future Water Source)**

Wheeler Woods Conservation Area

Fishing

Boating (No electric motors allowed on Johnson's Pond)

Hiking/walking

Mountain biking

Cross-country skiing

The City monitors activities in watershed areas within the City. The City's Recreation Department organizes activities in these areas. In general, the current activities are passive in nature and consistent with source protection goals. Unless water quality monitoring shows degradation resulting from these activities, they should be allowed to continue.

**Flood Hazard Areas**

The City of Haverhill has participated in the National Flood Insurance Program (NFIP) since 1983. The NFIP Program's Community Rating System (CRS) was implemented in 1990 as a program for recognizing and encouraging community floodplain management activities that exceed the minimum NFIP standards. The National Flood Insurance Reform Act of 1994 codified the Community Rating System in the NFIP. Under the CRS, flood insurance premium rates are adjusted to reflect the reduced flood risk resulting from community activities that meet the three goals of the CRS: (1) reduce flood losses; (2) facilitate accurate insurance rating; and (3) promote the awareness of flood insurance.

The CRS recognizes 18 creditable activities, organized under four categories including Public Information, Mapping and Regulations, Flood Damage Reduction, and Flood Preparedness. The City of Haverhill (Community Number 250085) received this designation in 1992 and is one of fourteen communities in Massachusetts.

There are now over 1080 communities receiving flood insurance premium discounts based on their implementation of local mitigation, outreach, and educational activities that go well beyond minimum NFIP requirements. While premium discounts are one of the benefits of participation in CRS, it is more important that these communities are carrying out activities that save lives and reduce property damage. These 1080 communities represent a significant portion of the Nation's flood risk as evidenced by the fact that over 67% of the NFIP's policy base is located in these communities. Communities receiving premium discounts through the CRS cover a full range of sizes from small to large, and a broad mixture of flood risks including coastal and riverine.

#### *D. Vegetation*

The City of Haverhill is dedicated to the preservation, protection, and perpetuation of the City's forested areas, which improve water quality and provide wildlife habitat, recreational opportunities, and a renewable resource of timber through the use of a forest management plan. Forest and vegetative cover control erosion, moderate temperatures, provide moist air, control water flow, and provide living environments for wildlife.

Many of the City's forested areas have undergone various land use changes over the years. Some were cleared for farmland, then left to reforest themselves. In other areas trees have been planted for watershed improvements. There are very dense areas where sunlight cannot penetrate which can cause insect infestation and disease. The City has common trees such as Maple, Little Leaf Linden, White ash and Locusts trees. Less common trees in the area are White Oak, Crimson Cloud Hawthorne and Buttonwood trees.

The City has a successful Commemorative Tree Program, which allows citizens to purchase different species of trees and have them planted by the Department of Public Works in any area of the City. A plaque is then added to a wall at City Hall, which displays all donor gifts.

The most prominent forest areas in the City of Haverhill are Winnekenni Park Conservation Area, Meadow Brook Conservation Area, Clement Farm Conservation Area, Crystal Gorge Conservation Area, Dead Hill, Gale Hill, and the upper East Meadow River watershed area.

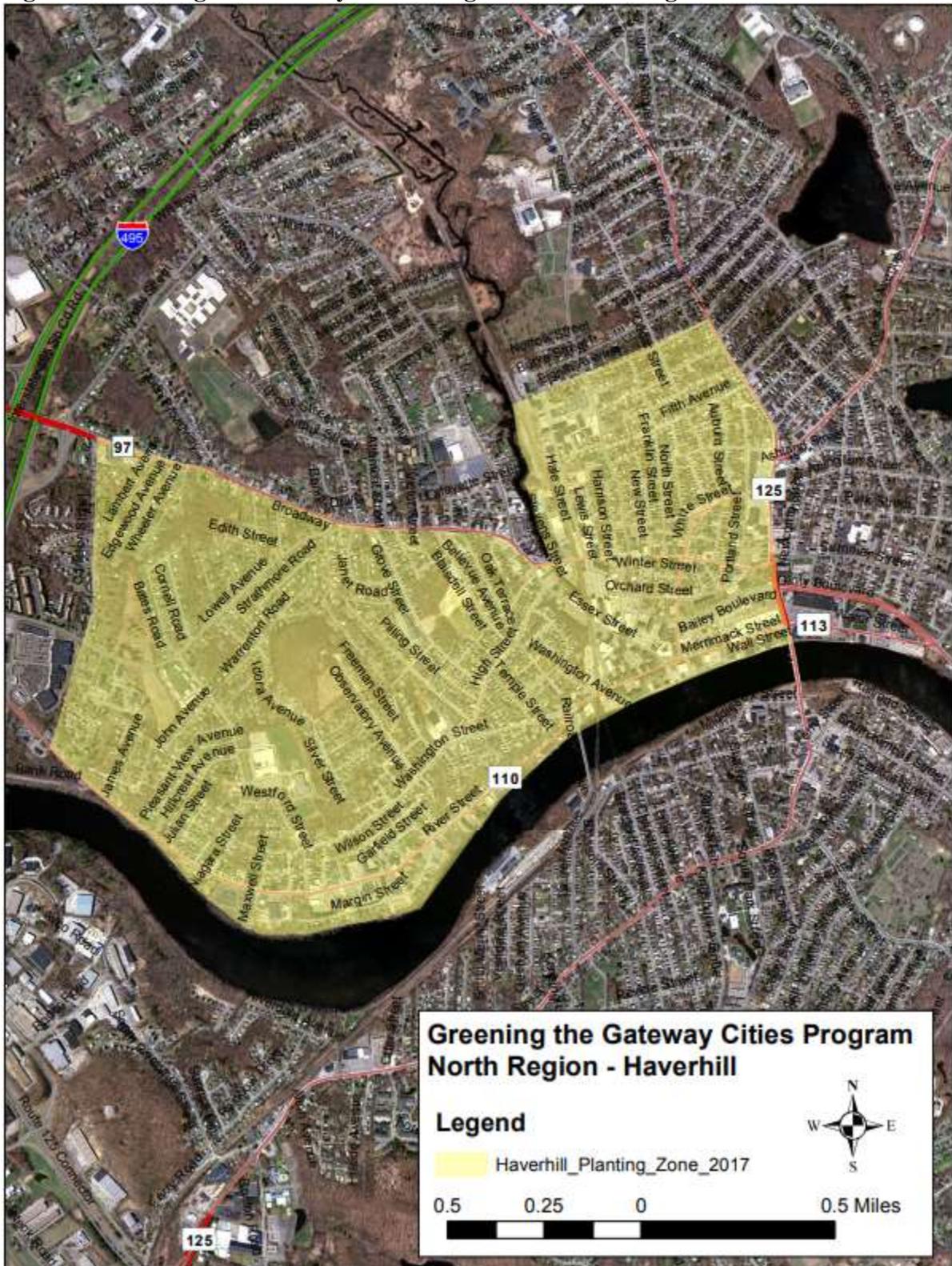
Each of these areas has varied recreational use. There are ball fields for sports, trails for hiking, cross-country skiing and biking, and bird watching. The waterways in these areas allow for plenty of fishing.

#### **Urban Forestry**

In 2012 the City partnered with the Urban Ecology Institute to conduct an urban tree canopy and street tree analysis. The goals achieved by this program were a better understanding of the state of the City's urban forest; identification of opportunities to improve the urban canopy; and identifications of opportunities to involve local community members in becoming stewards of their urban forest.

This effort paid great dividends, as the Massachusetts Department of Conservation and Recreation selected Haverhill as one of fourteen communities to participate in the Urban and Community Forestry Greening the Gateways Cities Program. The program is designed to increase tree canopy cover in urban residential areas in an effort to reduce household heating and cooling energy consumption.

**Figure 2. Greening the Gateway Cities Program 2017 Planting Zone**



Source: Massachusetts Department of Conservation and Recreation

## **Forest Stewardship**

Mayor James J. Fiorentini appointed a Forest Management Committee (“FMC”) in 2009 and tasked it with developing management goals for the City’s forests. The FMC is dedicated to the healthy preservation, protection, and perpetuation of actively managed forests, with particular focus on water quality, wildlife habitat, recreational opportunities, and renewable resources of timber through the use of proper forest stewardship.

Forests are significant, local and sustainable sources of clean air and water, wildlife habitat, beautiful landscapes, and wood products. The City has made efforts over the years to acquire such valued open space, much of which is protecting our drinking water supply. These efforts have led to the creations of many conservation areas that provide passive recreational opportunities for our community. However, the City did not manage its forests. This led some of our forests to stand densities that do not allow sunlight to reach the forest floor to encourage new forest growth. Other concerns with unmanaged forests are excessive storm damage; increased densities that make it easier for disease or insects to invade and do serious damage to a forest; increased potential for forest fires; and the loss of forest cover due to age. Stewardship options are available to improve water quality, wildlife habitat, and perpetuation of our forest lands.

The City of Haverhill owns more than 1,000 acres of forested lands primarily used for passive recreation and open space and watershed protection. These lands fall under the jurisdictions of various municipal departments, such as Conservation, Water, and Parks.

It is important in the stewardship planning process to consider a broad range of goals that might be applicable for each given area. In some instances, leaving land alone may be the best way to conserve it. But, that is just one of many stewardship options. The importance of stewardship goals should be measured not only against one another for a given area, but also against the goals of the other forests. Each of the City’s forests were analyzed with respect to the importance of the following goals:

- Water Quality Protection
- Biological Diversity
- Wildlife Habitat
- Recreational Access and Usage
- Scenic Beauty
- Protection of Unique and Cultural Areas
- Residential Firewood Program
- Timber Quality and Quantity
- Generation of Income

The analysis of these goals and the preparation of stewardship plans require extensive experience in the field of forest management, as well as a significant amount of time to become intimately familiar with the forested community of each individual parcel. The City contracted the services of New England Forestry Consultants, Inc. to assist in the

implementation of its stewardship program and to coordinate the preparation of 10-year Forest Stewardship Plans for the following locations:

Clement Farm Conservation Area  
Crystal Lake (eastern end, around dam)  
Crystal Lake (western end, including Gorge, Point, & Shores Conservation Areas)  
Dead Hill Reservoir  
Gale Hill Reservoir  
Meadow Brook Conservation Area  
Upper East Meadow River (Brandy Brow Road area)  
Wheeler Woods Conservation Area  
Winnekenni Park and Plug Pond Conservation Areas

Additional Stewardship Plans were completed for the Tattersall Farm and John's Woods at Tattersall Farm properties. These lands are owned by the City and managed by the Tattersall Farm Charitable Foundation Trust. The development cost for each of these Plans was reimbursed to the City by the Massachusetts Department of Conservation and Recreation through its "Working Forests Initiative". The Plans were completed between 2011 and 2014.

In 2012, the City contracted Mass Audubon's Ecological Extension Service to characterize wildlife habitat and provide management recommendations on the Clement Farm Conservation Area. The recommendations in this report, combined with those found in the Forest Stewardship Plan, helped guide the preparation of the Forest Cutting Plan that was implemented on this property in 2013.

In 2013, the City again contracted Mass Audubon to characterize wildlife habitat and provide management recommendations for the balance of forested lands being studied for stewardship. The recommendations in this report, combined with those found in the Forest Stewardship Plans for individual areas, will be used to guide the preparations of site-specific Forest Cutting Plans.

In a similar manner, the City contracted Mass Audubon as part of a 2012 PARC Grant for improvements at Tattersall Farm to complete ecological site assessments at both Tattersall properties. The assessments focus on making property uses compatible with wildlife habitat.

The City completed its first active management project in 2013 at the Clement Farm Conservation Area. As part of this harvest, the Forest Management Committee made a concerted effort to infuse locally-grown firewood into the community. This harvest cleared the way for increased recreational opportunity with the creation of Haverhill's

first disc golf course. The local Haverhill Disc Golf Association received approval from various municipal agencies to commence with the installation of a course at the Clement Farm property in 2016. Since the course's inception, the Association continues to maintain and improve the course and its amenities.

The City completed three additional management projects between 2014 and 2017. A fifth project is currently planned to be completed during the summer of 2018. Additional projects are currently in the planning stages.

Establishing a forest stewardship program requires funding. However, a goal of the FMC in creating an effective stewardship program has been creating a self-sustaining program. In 2011 the Haverhill City Council voted to establish a "Municipal Open Space Management Fund" with existing and future funds collected through the Crystal Lake Special Fishing Seasons permit program. In doing so the Council conditioned that any and all proceeds drawn from the sale of timber products must be deposited into this Fund. Importantly, the Council also voted to condition that any and all expenditures from this Fund are restricted to only be used for forest management, open space management, and open space acquisition activities.

As previously noted, the Massachusetts Department of Conservation and Recreation's "Working Forest Initiative" continues to be a source of funding that encourages landowners, including municipalities, to manage their forests to protect a healthy ecosystem and to ensure a sustainable local supply of forest products. DCR also manages a "Community Forest Stewardship Implementation" grant program. This program is a 75-25 matching reimbursement grant program offered to municipalities that have approved Forest Stewardship Plans. This program aids communities in implementing their stewardship practices and seeks to connect local citizens to all the benefits forests provide.

#### *E. Fisheries and Wildlife*

##### **Wildlife**

There is an abundance of wildlife located primarily in the undeveloped watershed areas of the City and the predominantly rural sections of Haverhill. As in all sections of America, when development increases in the rural areas, the natural habitat of wildlife is altered, resulting in a decrease in wildlife and vegetation. The protection of watershed and open space will ensure that existing wildlife can remain and flourish, and provide the urban residents a close opportunity to view the wildlife indigenous to this area. According to the U.S. Fish and Wildlife Service and the Massachusetts Natural Heritage and Endangered Species Program ("NHESP"), habitats of rare wildlife species are located within the City, and should be given special care and attention.

In 2000 and 2001, the City of Haverhill and groups of volunteers participated in the "Biodiversity Days" program, which, at that time, was organized by the NHESP. The results of these efforts may be found in Appendices E and F, respectively. The NHESP

produced a report, “Core Habitats of Haverhill”, in 2004 in which the Program identifies six BioMap Core Habitats and three Living Waters Core Habitats in the City. These habitats are generally located along the Merrimack River and in the Chadwick Pond/Johnson’s Pond area of Haverhill. The species and natural communities of concern are incorporated within Appendix G. This appendix includes a table of rare and endangered species found within the City.

### **Endangered Species**

According to the NHESP, several rare and endangered species are present in Haverhill. Appendix G includes a table listing these species.

### **Wildlife Corridors and Greenbelts**

Notwithstanding the Merrimack River corridor, the City has two primary wildlife corridors. First is the East Meadow River corridor, which was created mostly for its importance in protecting the City’s water supply – the river is the primary tributary to Millvale Reservoir. Much of this corridor is mapped by NHESP as providing habitat for rare turtle species. The Meadow Brook Conservation Area is located on the southern end of this corridor, around the reservoir. This conservation area provides residents many opportunities to view wildlife and its related activities along the river, such as the City’s increasing Great Blue Heron population and its busy Beaver population. The conservation area also offers excellent springtime opportunities for viewing activity within a certified vernal pool in the conservation area. The northern end of the corridor – the Brandy Brow Road neighborhood – was recently reviewed by the City’s Forest Management Committee. The City’s forestry consultant has prepared a Forest Stewardship Plan for more than 450 acres in this area. The Plan has been submitted to the Department of Conservation and Recreation for approval. One of the primary concerns for the Committee is the protection and enhancement of wildlife habitat in this area, including that of the many potential vernal pools across this acreage.

The second corridor is along Creek Brook. This brook flows out of Crystal Lake, one of the City’s water supplies, and eventually reaches the Merrimack River. Although no formal conservation area exists below the lake, this corridor has been protected through acquisition by the City and, most recently, the Essex County Greenbelt Association, as well as by implementation of the City’s alternative residential design ordinances, such as planned unit developments and cluster developments. There is even a Chapter 40B comprehensive zoning project approved near the southern end, which was designed with features to protect this corridor. Although the presence of rare species are no longer mapped by NHESP along this corridor, the area continues to be monitored for such.

### **Bird Conservation and Migration**

The North America Bird Conservation Initiative (“NABCI”) is a collaboration of governmental agencies and private groups that has established a national vision for bird conservation in the United States. NABCI focuses its efforts on advancing coordinated bird monitoring, conservation design, private land conservation,

continentally important projects, and institutional support in state and federal agencies for integrated bird conservation.

NABCI has established Bird Conservation Regions based on common bird communities, habitats, and resource management issues. The City of Haverhill is contained within the New England/ Mid Atlantic Coast Bird Conservation Region. This Region is defined by its dense population and its significant acreage of land that was once cleared for agricultural usage, but is now either forested or converted to residential usage. In this region the highest priority birds are found in coastal wetland and beach habitats.

#### *F. Scenic Resources and Unique Environments*

##### **Scenic Landscapes**

Haverhill's visual character is illustrated by its diversity of landforms including forested hills, wetlands, farmlands, the Merrimack River, ponds and historic brick factory blocks. Land that has been acquired in parts of the City maintains the open space and forested visual quality of the area. Particularly in the Kenoza Lake area, land acquisitions enhance the City's rural and diverse character.

Visual-cultural values of such areas consist of an array of interrelated, intangible values, which benefit the public, but are often very difficult to measure. These include aesthetic, recreational, educational and other heritage values. The term "heritage value" is used to define special uses or meanings individuals have attached to a particular area because of personal or cultural interaction with that area.

Farmland, marshes and woodlands, for example, contribute directly to the scenic value of landscapes and add to landscape diversity. This value of aesthetics is achieved through direct recreational usage as well as from distance viewing. The open space/recreational values vary greatly according to user and landform type. Open space/recreational activities may range from bird watching and picnicking to walking, canoeing, hunting, and fishing.

Many scenic areas may also serve as areas for scientific research and as outdoor educational exhibits to demonstrate the dynamics of ecological relationships or the natural or man-made histories of a culture, landform, City or entire region.

In May 2005, the Massachusetts Heritage Landscape Program released the "Haverhill Reconnaissance Report", which inventories Haverhill's "Heritage Landscape".<sup>1</sup> During the Summer of 2004, the Massachusetts Department of Conservation and Recreation, along with the Essex National Heritage Commission, conducted a "Heritage Landscape Identification Meeting" and follow-up fieldwork in order to construct a list of Haverhill's Heritage Landscapes. Table 13 displays the results of the meeting and fieldwork. The

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<sup>1</sup> Massachusetts Department of Conservation and Recreation and the Essex National Heritage Commission. "Haverhill Reconnaissance Report: Essex County Landscape Inventory". Massachusetts Heritage Landscape Inventory Program, May 2005.

full report and supporting map may be found on the Essex National Heritage website at <http://www.essexheritage.org/heritagelandscapes/index.shtml>.

**Table 10. Heritage Landscapes Identified by Community<sup>2</sup>**

Location	Comments
<b>Agriculture</b>	
Clement Farm Main St. (Rt. 121A)	Now softball fields, buildings, and hiking trails – owned by City – American Legion Post uses the building.
Kimball Farm East Broadway	APR on 191 acres. Active farm with historic buildings. The current uses are raising livestock and crops are corn and hay. The public may visit to feed the farm’s llamas or to walk the corn maze (seasonal).
Silsby Farm Salem St.	APR on 132 acres. Carter’s Ice Cream, active farm with historic buildings. One of the main uses is raising food for livestock known as forage. Both sides of Salem St. A pumpkin patch on the south side. Hill from farm overlooks Golden Hill and schools. Can see Main St. NR district – red brick steeple is First Baptist and white stucco steeple is Congregational. Currently on the market for \$4 million.
Srybny Farm Hilldale Ave.	Privately owned.
Tattersall Farm 542 North Broadway	150-acre farm bequeathed to City by will of Mary Alice Tattersall who died in 1999 with restrictions to keep as open space, conservation and maintain farming activities. Active farm with historic buildings, hayfields, rolling meadows, wooded areas, and hiking trails.
Wally’s Farm Amesbury Rd. Rt. 110.	Farm stand. Owner, Lesiczka family, also tills fields at Whittier Birthplace. Offers dozens of fruits, vegetables, plants, holiday decorations, and Christmas trees. Also offers several food products, specializing in Polish food.
<b>Burial Grounds and Cemeteries</b>	
Bradford Cemetery Salem St.	Known as the Bradford Burial Ground – was also the site of the first parish building that now is on Bradford Common.
Elmwood Cemetery Salem Street	Two sites; one of .75 acres and the other of 27.11 acres, both City-owned.
Greenwood Cemetery East Broadway	4.89 acres. Managed by Kimball Farm
Haynes Family Cemetery Carlton Street	Off Broadway.
Hilldale Cemetery* Hilldale Ave.	1859. 19 <sup>th</sup> c. rural cemetery with curvilinear paths, hills and dales, granite and marble headstones and monuments. 20.94 acres. Very poor condition. No funds, maintenance issues. Records in library. Next to Potters Field.
Hillside Cemetery	Off Broadway.
Linwood Cemetery	31.39 acres. Well maintained, associated with Pentucket

<sup>2</sup> Massachusetts Department of Conservation and Recreation and the Essex National Heritage Commission. “Haverhill Reconnaissance Report: Essex County Landscape Inventory”. Massachusetts Heritage Landscape Inventory Program, May 2005. Pp. 18-23, with recent property updates.

Mill St.	Cemetery for maintenance.
Lithuanian Cemetery Montvale St.	Once next to a camp ground which was a vacation spot of ethnic groups. Camp ground purchased by the City and school built there.
North Parish Cemetery Main Street	Small early cemetery of less than ½ acre.
Pentucket Cemetery Water Street	2.58 acres. Also known as First Cemetery. Next to Historical Society, site of original meeting house.
Potters Field*	City-owned, next to Hilldale Cemetery. Alley of sycamores. Many handcrafted markers.
<b>Industrial</b>	
Taylor Goodwin Mill	The buildings have been demolished and the site will probably be developed. The adjacent Webster Building is a Romanesque Revival style. It formerly housed Hooker & Howe, a costume company, and was recently redeveloped for handicapped housing.
Millvale Cider Mill Millvale Rd.	On Millvale Reservoir. Active.
<b>Institutional</b>	
Northpoint Bible College (formerly Bradford College*)	NR, LHD, including Bradford Common. Identified by Preservation MASS as one of “2005’s Ten Most Endangered Historic Resources”. Zion College has bought the campus and is in the process of restoring the buildings for educational use. Main campus buildings fronting on Main Street in districts. College originally included Kimball Tavern (see below). Main Street houses also important. Forty acres of campus known as the Back 40 has been sold for housing. Tupelo Pond on main campus – used for skating.
Kimball Tavern*	Kimball Tavern (1692), which is in good repair and is situated on the other side of Bradford Common. Although originally a part of Bradford College, there is dispute over the Tavern’s status; the housing developer claims that it is separate from the College and is up for sale.
Buttonwoods 240 Water St.	NR District designated in March 2005. Museum, Historical Society. 3 buildings including the John Ward House, the Duncan House and the Daniel Hunkins Shoe Shop. Potential for LHD expansion to include these resources.
Clement Estate Mill Street	Davis-Clement Homestead. In Highlands area at Mill Street and Boardman.
Don Orione* Salem St.	Former religious retreat and camp owned by the Boston Archdiocese in Bradford section of City. Head Start and Community Action Inc. recently used some buildings. The property has been sold and is slated for development. More than 24 of the site’s 49+ acres will be protected as open space. The main residence will be saved and sold as part of the residential “cluster” subdivision.
Hannah Duston/Dustin House 665 Hilldale Ave.	NR. First Period. Ca. 1700. Two-story, three-bay, brick house – one of very small number of surviving brick First Period houses. Also known as the Duston Garrison House. Was being built when Hannah Duston (also spelled Dustin) was taken away by Native Americans with new born and wet nurse. The

	baby was killed. The mother, nurse, and a boy escaped and returned with many scalps. There are rocks on Monument Street that mark the place from which she was taken.
Powderhouse Powder House Hill	Vacant.
Schools:	Cogswell School, Greenleaf School, which was the Old Bradford Town Hall, Smiley School, Walnut Square School, which has an old clock in the school.
Whittier Building Winter Street	Next to the Y, Chamber of Commerce Building.
Woolworth Building Merrimack	Art Deco, on corner at Bridge and Water Sts. Empty since 1970. Now prime real estate but issue is parking. Owned by Greater Haverhill Foundation.
<b>Natural Features</b>	
Chadwick Pond	Part in Boxford. Wheeler Woods Conservation Area
Crystal Lake	Northwest part of City, a relatively large lake of 10 acres. Crystal Point Recreation Area.
Hale's Island	Part of Silsby's Farm (APR). (Also Kimball & Stanley Islands)
Johnson Pond	Part in Groveland.
Kenoza Lake	Pump house and waterworks, "Great Pond" named Kenoza by Whittier in 1859, meaning "Lake of the Pickerel". Part of water supply since 1871. Recreational activities not permitted.
Little River	Flows south to the Merrimack River. Is most publicly visible at Lafayette Square, Rosemont St., and Clement Farm trails.
Merrimack River*	Public views and access issues, zoning along river, proposal for Friend's Landing which would include two 10-story towers on river edge. One beautiful section is at the crossing from Comfort Inn – hill with pine forest, oak, birch, the back side of Ward Hill Industrial Center. 18 City Landings.
Millvale Reservoir	East of E. Broadway. Meadow Brook Conservation Area
Plug Pond/ Lake Saltonstall	City-owned bath house, a beach house in bad repair, only City-owned swimming area, boating lessons also, Highlands Area. Activities limited to Haverhill residents only.
Round Pond / Lake Pentucket	Off Stanley Drive. East of Concord St.
Silver Hill	View from Silver Hill disrupted by towers and visitors no longer can go to the top, thus view is diminished.
Saltonstall Lake	Named for Saltonstall family – Nathaniel Saltonstall and ancestors who settled in Haverhill. Family home was here. Demolished in 1919.
Tupelo Pond	Also known as Lake Tupelo. See Northpoint Bible College listing. A long narrow pond used for ice skating.
Winnekenni Basin	At entrance to Winnekenni Park.
<b>Open Space &amp; Parks</b>	
Bradford Ski Area	Near Salem St. beyond Silsby Farm. Still in business as a ski area. Former Atwood Farm.
First Landing Park Water St.	Opposite Pentucket Burial Ground. Understated park with major development proposed nearby.
Gale Park Mill Street	City-owned, edge of Highlands area, the statue known as The Hiker by Kitson, WWI and Women's WWII statues.
GAR Park Winter & Main Sts.	NR – Main Street Historic District. City-owned, Grand Army of the Republic common

	land. 1.68 acres near Merrimack River.
Hannah Duston Park Rt. 110	Closed, was a state rest area.
Stadium Lincoln Ave. at Nettleton Ave.	NR eligibility determination in 2004. NR listing in progress. WPA project. Stands recently condemned; however, 2007 funding allowed for the renovation and re-opening of half of the stands. A 9.5 acre athletic complex with football and baseball fields enclosed by brick wall. Concrete football grandstand and ticket office dating to the mid 1930s. Original wooden baseball grandstand dated to 1916 was demolished in 1991.
<b>Residential (Neighborhoods and Village Centers)</b>	
The Acre	NR. Mid 19 <sup>th</sup> c. urban residential neighborhood northwest of original village center. Bound by Winter and Main Sts., Little River and the B& M railroad. Most of the development is after the Civil War when industrial base of Haverhill required large population increase to maintain shoe manufacturing and railroads. Representations of all house forms and styles, particularly Greek Revival and Italianate in earlier construction – such as side gables, gable front houses – duplexes and other multi-family housing in later period of development after the 1887 Haverhill & Groveland Street Railway introduced.
Bradford Common	NR. LHD Includes Common, and properties along Main Street, but not adjacent residential neighborhoods. Common is enclosed with granite posts and wood posts on angle. Paths through the Common. Congregational Church on Bradford Common. Recently restored steeple with fiberglass replica. Henry Ford wanted steeple, but only has a replica. Original steeple built by local ship builders. The church owns common but City uses and maintains. 1870s Parsonage. Kimball Tavern. Bradford was a separate town until 1896 then annexed. Ward Hill is a neighborhood of Bradford that needed water and Bradford had no funds to carry water out to the neighborhood – Haverhill did, thus the annexation.
Elmwood Estate 229 Kenoza Avenue	Was the Thomas West Estate, which once included much of the land between Lake Saltonstall and Kenoza Lake, east of Kenoza Avenue. Property subdivided in the mid 20 <sup>th</sup> c. and brick Colonial Revival House with monumental columns and shingled barn remain on a sizeable lot with mature landscape.
The Highlands* Highland Avenue	1850s to 1900s, civic and institutional corridor and upper and middle class residential neighborhood with housing for manufacturers, retailers and professionals with architect-designed commodious houses. The Highlands on three sides of Plug Pond (also called Lake Saltonstall), Gale Park, Hale Hospital. On Saltonstall Rd. is a Montessori School in Tudor Revival building.
Lafayette Square *	Statue and buildings, historically French neighborhood that serves as a gateway to the City. Recent improvements removed rotary and moved statue of Lafayette to the side. The brick building that wraps the corner is marked Union St. Jean Baptiste 1892-1922. Winter St (97), Broadway and Hilldale
Main Street District	NR. Seven churches including UU, Baptist, Congregational,

	Armenian. City Hall / 1909 Old Haverhill High, GAR Park, Romanesque Revival St. Gregory the Illuminator (1847-1848) now the Armenian Apostolic Church. 25 contributing resources.
Monument Square Main & Arlington Sts.	Corner of Main and Arlington Streets. Recent demolitions changing nature of square. Civil War Monument.
Mt. Washington*	Development phases were Silver's Hill pre-1850 up to 1945 with brick buildings of late 19 <sup>th</sup> century shoe manufacturing lining north bank of Merrimack, and housing for mercantile elite in many styles resulting from speculative real estate development, shoe manufacturing owners and managers. Then a later phase of development was the multi-family housing (3-deckers on Pilling St.) for the immigrant neighborhood - housing for shoe tanneries workers. Riley's Corner, Fantini Baking Company, Observatory Avenue with tower at top and all new housing. Italian immigrants established social clubs and church. Streetscapes – Grove Street with 1890 John G. Tilton School at top of Grove. Wysocki Park.
Rocks Village Wharf Lane	NR, LHD. Northeast corner of City on banks of Merrimack River at crossing to West Newbury. 18 <sup>th</sup> century maritime site with shipyards. Bypassed by industrial revolution, thus retains much of its 18 <sup>th</sup> and 19 <sup>th</sup> c. Georgian and Federal architecture.
Walnut Square	School with clock tower – off Main St. North Avenue – Highlandville.
Washington Square	NR, LHD. Historic shoe district. Downtown commercial district.
J.G. Whittier Birthplace 105 Whittier Rd.	NR. Whittier born here 1807. 50 acres with house built in 1688 by Thomas Whittier. House is immortalized in Whittier's poem Snow Bound. In 1892 the Haverhill Whittier Club was formed – owns the house and operates the farm associated with house. Public hiking trails.
Winnekenni Castle 347 Kenoza Ave.	Castle built by James R. Nichols, physician and inventor in 1873-1875 as summer house. The architect was Charles Willis Damon. Built on site of Darling Farm which Nichols renamed Winnekenni (meaning "very beautiful" in Algonquin). A large barn also is at the castle site. Castle sold to City in 1895. Winnekenni Basin is man-made used to regulate Kenoza Lake, which Castle overlooks.
Winnekenni Park	Surrounds Lake Kenoza, Lake Saltonstall and the Castle. Public.
<b>Transportation</b>	
Basilere Bridge Bridge St.	An old drawbridge which does not work.
Crescent Yacht Club & Marina	On Merrimack River at Railroad Avenue. Important river access point. There were ferry landings along entire river including here.
City Landings	18 City-owned landings.
Comeau Bridge	The original Bridge was a Parker Truss bridge. It was demolished and replaced with modern structure in 2007.
Gateways*	Entrances to City = Main Street, East Broadway, Water Street, Bradford Street, River Street.

Groveland Bates Bridge	Slated for demolition and adjacent replacement.
Rocks Village Bridge & Firehouse Bridge St.	Reported to be the last hand cranked bridge on East Coast. Bridge spans Merrimack River adjacent to Rocks Village HD. Bridge is 1882, 1895 and 1914. 6-span iron and steel riveted metal trusses.
Scenic roads	East Broadway has been identified as a scenic road for its rural character entering Haverhill from Merrimack. Other scenic roads are Crystal Street, Kenoza Street, Hilldale Avenue, Middle Road, Millvale Road, and Whittier Road.
Trolley Car Barns River Street	Now commercial space.

*APR = Agricultural Preservation Restriction, CR = Conservation Restriction, ECGA = Essex County Greenbelt Association, LHD = Local Historic District, NR = National Register, PR = Preservation Restriction, TTOR = The Trustees of Reservations, \* = Priority*

The City has identified the additional areas in Table 14 as scenic resources. These areas were not included in the “Haverhill Reconnaissance Report”; however, they are listed in the Essex National Heritage Area’s “Guide to Farms & Agriculture” (2007)

**Table 11. Additional Scenic Resources**

Location	Comments
<b>Agriculture</b>	
Bittersweet Farm North Broadway	Raises cattle and produces hay
Chris’ Farm Stand (at Silsby’s Farm) 436 Salem Street	Chris’ Farm Stand sells an assortment of fresh fruit and vegetables.
Crescent Farm Stand 140 Willow Avenue	Offers over 22 flavors of premium ice cream. Also available is local produce including native corn, tomatoes, beans, and more
Fay’s Farm 120 Amesbury Line Road	Fay’s Farm offers Pick Your Own and retail apples, peaches, squash, mini pumpkins, candied apples, cider, and caramel corn.
Goddard Hay Farm 1020 & 1034 N. Broadway	This farm sells hay, straw, mulch, and manure
Hansen’s Tree Farm 1100 North Broadway	Three generations of Hansen’s, dating back to 1935, have operated the farm. On site is an old farm house dating to 1775
Spring Hill Farms 133 Neck Road	Founded by Randolph Rogers in 1902, Rogers Spring Hill has been handed down for 5 generations of Rogers. Rogers Spring Hill is a full service garden center offering a wide range of products. The Garden Center raises 90% of all the annual flowers and most of the perennial flowers it sells.
Turkey Hill Farm 380 Middle Road	A designated tree farm that also offers Pick Your Own berries, cut flowers, and Christmas trees. They also sell honey and maple syrup.
Willow Springs Vineyards 840 West Lowell Avenue	Produces Cabernet Franc, Chardonnay, Leon Millot, Marachal Foch, Seyval Blanc, Vignoles Blanc, Blueberry, and Rhubarb wines.

## **Merrimack River**

In the past, the Merrimack River has been neglected by many communities both as a recreation source and an economic revitalization catalyst. The Massachusetts Executive Office of Energy and Environmental Affairs “Merrimack River 5-Year Watershed Action Plan” notes, “municipalities in the mid and lower sections of the Merrimack watershed are alarmed at the loss of open space in recent years and the threat of greater loss in the future. They realize the value of open space in rural, suburban, and urban areas and note that most municipalities have good open space protection plans. However, they note a disconnect between what their open space protection plans say and how land use decisions are made.”

Massachusetts Outdoors 2006!, the State Comprehensive Outdoor Recreation Plan further notes “a special word is warranted on the Merrimack River, one of the largest yet least protected riverine systems in New England. This river serves as water supply to major cities, such as Lowell and Lawrence, and is the subject of an interstate compact with New Hampshire, but has precious little protected land along its Massachusetts course. This fact relates, in part, to its early industrialization, because of its tremendous water power resource. However, as most protection of conservation and recreation lands have occurred in the the last one hundred years, many opportunities have been passed by, allowing further urbanization and suburbanization to creep down to the river banks. This spectacular regional resource merits very special efforts among the many parties of interest (local, state, non-profit and federal) to save and restore it as a primary asset to its bordering communities.”

However, during recent years, the Merrimack River has become the focus of Haverhill’s open space and economic revitalization efforts. Through an UrbanRiver Visions 2 grant from the Massachusetts Executive Office of Energy and Environmental Affairs, Haverhill conducted a public charrette on March 31, 2007. The resulting “Haverhill Action Plan” identified one of the key community vision as creating “a new vision for Haverhill along key stretches of the Merrimack and Little Rivers”.

Also in 2007, Gruen, Gruen and Associates created a downtown master plan on behalf of the City. In the plan, it is stated that “the City recognizes through the UrbanRiver Visions and Riverwalk design initiatives the importance of making the Merrimack River more of a recreational draw, including dock and marina facilities for boating, and open up view corridors through redevelopment. Increased scenic views of and access to the River will add value for residential and office uses.”

Following this effort, the Mayor established a Waterfront Development Task Force to develop a plan and guidelines to regulate future development along the Merrimack River in the downtown area and to preserve public access to the River. As a result, the City adopted new zoning in 2014 to encourage both visual and physical connections from its downtown to the Merrimack River waterfront. Key achievements of this river-centric focus are the redevelopment of the former “Woolworth’s” site with today’s “Harbor Place” mixed-use development; the continued expansion of the downtown, riverfront boardwalk; and the establishment of the Bradford Rail Trail.

## **Climate**

Haverhill's proximity to the ocean and the Merrimack River has a somewhat moderating effect on the climate. Average temperatures range from 26 degrees F in January to 73 degrees F in July. The normal annual precipitation is approximately 42 inches. Seasonal variations in the City allow the greatest mix of recreational activities such as downhill and cross-country skiing, skating, swimming, boating, fishing, and hiking. The associated beauty of seasonal changes also allows for full enjoyment of open space/passive recreation areas.

## **Unique Features, Characteristics, and Geology**

The City of Haverhill "Comprehensive Guide Plan for the Year 2005" evaluated Haverhill's existing urban design characteristics and identified specific features in the City's natural and man-made environment worthy of protection.

These features included: East Broadway Lowland Area, an area of mixed farming with unique visual and aesthetic qualities on the river's edge; River Street Lowland Area, an area of mixed-use with views to the river to the river and across; Kenoza Lake – Winnekenni Park, a natural wooded and open space area with visual and aesthetic quality; Chadwick Pond, a natural wooded area surrounding this rural upland water body; Crystal Lake, A natural, wooded and open space upland area with visual and aesthetic quality; Bradley's Brook Watershed, dominant small hills and valleys with wetland pockets characterize this rural area to the river's edge; Little River Watershed, upland hills and valleys with wetland pockets and ponds feed this major watershed and open space that bisects the urban center of Haverhill; and Meadow Brook Watershed, rural upland small hills and valleys with wetlands feed this watershed and open space.

The urban design analysis also focused on the Washington Square Historic Center. Rock's Village and Bradford's Historic Areas, Main Street "Gateways", and East Broadway, Water Street, Bradford and River Street edges along the Merrimack River.

The City of Haverhill has a number of interesting geologic features that are visible from its conservation areas. Some of the more unique features may be at Clement Farm and Crystal Gorge. Clement Farm offers views of steep slopes carved by the meltwater of retreating glaciers along the Little River watershed. Little River is noted for its meanders and its clay riverbed, once used to provide the material for area brick manufacturers. Crystal Gorge is aptly named for its walls of exposed rock. Springtime brings robust breeding activity to the bottoms of the gorges.

## *G. Environmental Challenges*

### **Brownfields and Hazardous Waste**

Brownfields are defined as real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of hazardous substance, pollutant, or containment. Perhaps the most notable Brownfields site in the City was the "Ted's Tires" site on Granite Street. The City acquired this site in 2003

and cleaned it in preparation for redevelopment. In a cooperative project with the Merrimack Valley Regional Transit Authority, the City constructed a multi-level parking garage on the site, in the heart of downtown, in 2011. The garage is directly linked to the Haverhill commuter rail stop and is an important component to the revitalization and redevelopment of downtown Haverhill. The City has a Brownfields Steering Committee, which continues to assess sites for cleanup and redevelopment.

The City of Haverhill conducts two household hazardous waste collection days each year for its residents. Furthermore, the City conducts monthly oil collection days from September to June at the public works facility.

### **Haverhill Municipal Landfill**

The Haverhill Landfill was operated for municipal and commercial refuse from the late 1930s to 1981. From 1982 until June 30, 1996, sludge generated from the City's Municipal Wastewater Treatment Plant and beater waste from the Haverhill Paperboard Company were disposed of at the landfill. During 1996, the City covered the landfill with intermediate cover soils and vegetated the site. The landfill is currently inactive. Approximately 55 acres of the 71 acres that comprise the landfill site were historically landfilled.

The landfill covers five parcels including two owned by the City of Haverhill, two by Aggregate Industries, Inc., and one by Massachusetts Electric (National Grid). The National Grid parcel runs east-west across the site along a former rail line and is used for electric lines and a sewage force main. As co-owners and past operators of the landfill site, the City and Aggregate have entered into an Agreement to share the costs of landfill closure.

In October 1984, the United States Environmental Protection Agency (EPA) proposed to place the Haverhill Landfill site on the National Priorities List (NPL, also known as the Superfund program). The NPL listing was finalized by EPA in June 1986. Since the site was placed on the NPL, the EPA has only performed a minor removal action of two drums and two sets of screening level environmental investigations at the site.

In 1990, the DEP promulgated revisions to the Solid Waste Management Regulations (310 CMR 19.000) that required all unlined solid waste landfills to cease operating and construct a cap in accordance with DEP and EPA regulations by 1994. As the landfill was still being regulated as a NPL site, these regulations did not have a direct impact on the schedule for capping. However, the City continued to accept sludge and beater waste from Haverhill Paperboard at the landfill for disposal. In 1993, the State Legislature passed revisions to the Solid Waste Act that required DEP to rank landfills based on their site and proximity to sensitive receptors such as drinking water wells, wetlands and residences, and establish a site-specific schedule for ceasing operations and eventual capping. The City submitted a request to continue operating under this program and was allowed to continue accepting sludge and beater waste until June 30, 1996. The City then entered into discussions with the EPA and DEP on the site capping being undertaken as a DEP-lead site.

On January 22, 1999, the City and Bardon Trimount Corporation (now Aggregate Industries, Inc.) signed an Administrative Consent Order (ACO-NE-98-4001) with the Massachusetts Department of Environmental Protection (DEP) defining a schedule for completion of the environmental assessment and closure of the Haverhill Landfill. The ACO also included provisions for revising the schedule based on the acceptance of grading and shaping materials to create a plateau suitable for potential post-closure recreational use of the site.

Since signing the ACO, the City and Aggregate have undertaken several steps to meet DEP and EPA requirements for the closure of the landfill. These steps have included the completion of the environmental assessment of the site to determine if there are any contaminants migrating away from the landfill that pose a risk to human health, safety or the environment. The assessment, which was approved by DEP, concluded that there were no risks to human health, safety and the environment from the landfill site and that construction of a final cap was appropriate. Additional monitoring wells were installed and an ecological risk assessment conducted to complete the assessment phase.

During the environmental assessment process in 1999, a review of aerial photographs and old plans available through the City found that the northern landfill mound was used for the disposal of industrial wastes – both in lagoons and drummed materials. In 2002 and 2003, the City and Aggregate undertook a program to determine the extent of these “hot spots” and take appropriate action to remove any materials such as drummed liquid wastes that might release into the environment in the future. Those investigations removed approximately 135 drums and identified two significant areas containing buried drums. Subsequently, a two-phased drum removal program, undertaken from 2004 through 2007, removed approximately 6,700 buried drums from the landfill.

Subsequent steps in landfill closure included completion of the site environmental assessment, evaluation and selection of corrective action alternatives, preparation of an Environmental Impact Report (EIR), closure design and associated permitting. Final design of the landfill’s closure includes the collection and treatment of landfill gases, the permanent stabilization of the Merrimac River bank and the landfill cap.

As part of the landfill closure process, the City and Aggregate considered post-closure use options for the site. The landfill consists of two areas bisected by the National Grid parcel and electric lines. The northern landfill mound is at an approximate elevation of 24 and is located along the Merrimac River. The southern landfill mound is at an approximate elevation of 110 or higher. The site, located along the Merrimack River and in a primarily residential area of Haverhill, was considered appropriate for the development of recreational facilities. However, because of the landfill’s varied topography, steep slopes and the location of the utility lines, there was not available adequate flat area for construction of recreational fields. Consequently, the City and Aggregate moved forward with a grading and shaping project on the southern landfill

mound. Historically, the southern mound served as the municipal portion of landfill disposal; there was no evidence that industrial waste was disposed of in this area. DEP approved the Phase I Soils Project in October 2004, with soil deliveries occurring from June 2005 through June 2008. The scope of the soils project was expanded to allow additional soil deliveries onto the southern mound over a two year period. This project provided additional revenues to the City, while also increasing the plateau available for post-closure recreational use.

The capping of the southern mound commenced in 2011 and was completed in 2013. However, recreational use of the mound has since been replaced by a proposal to mount a solar array on this portion of the closed landfill. The proposal for capping the northern mound is currently under MEPA review. There remains the potential for this riverfront section of the landfill to be available for a post-closure recreational use.

### **Watershed Protection**

#### **Millvale Reservoir (East Meadow River)**

Millvale Reservoir has the largest inventory of potential threats of all of Haverhill's Water Supply sources, mainly because it has the largest drainage area of all the sources.

**Interstate 495:** Highway runoff including roadway salt, grease oil, metals, and sediment are all potential threats to Haverhill's drinking water. Approximately 2.5 miles of Route 495 are located within the Millvale Watershed. In addition to highway runoff, there is always the potential of an accidental spill of hazardous materials along a highway.

**Junk Yard:** Brandy Brow Junk Yard is located near the Plaistow, NH line off Route 108. Runoff from this facility could contain petroleum contaminants and metals.

**Construction Activities:** Significant new residential construction is occurring within the watershed. Storm water pollution from construction impacts is a potential threat.

**Septic Systems:** A large part of the watershed is not served by sanitary sewers. There is a potential threat from older failing septic systems and new improperly designed/constructed systems.

**Gravel Operations:** There are a number of significant gravel removal operations occurring within the watershed. These pose a threat of erosion and contamination from fueling of heavy equipment and sediment transport from erosion of exposed soil.

**Development Outside of Haverhill:** A large portion of the Millvale Watershed is located outside of Haverhill. There is a potential threat from surrounding communities allowing development that is not consistent with Haverhill's Watershed Management Overlay District.

**Recreational Access:** The City experiences problems with littering and illegal ATV riding near Millvale Reservoir.

**Litter and Illegal Dumping:** Along Brandy Brow Road.

**Forestry:** The City has hired Bay State Forestry Service to perform Forestry Management on City land within the watershed. There is a potential threat of erosion from this type of operation.

## Round Pond

**Roadway Runoff:** Roadways are located relatively close to the shoreline on three sides of the Pond. There is a potential threat from roadway salts and pollutants from vehicles.

**New Parking Lot:** A new parking lots has been constructed recently as part of the construction of the Lake Pentucket School. There is a potential threat from roadway salts and pollutants from vehicles.

**Fertilizers:** From new fields at school.

**Litter and Illegal Dumping:** The City experiences a problem along a secluded section of roadway near Round Pond with illegal dumping and litter. There is a potential threat that hazardous materials could be dumped and enter the water supply.

## Crystal Lake

**Construction Activities:** Significant new residential construction is occurring within the watershed. Storm water pollution from construction activities is a potential threat.

**Septic Systems:** Watershed is not served by sanitary sewers. There is a potential threat from older failing septic systems and new improperly designed/ constructed systems.

**Golf Course:** Fertilizers used at Crystal Springs Golf Course pose a threat to water quality.

**Development Outside of Haverhill:** Part of the watershed is located in Atkinson. A potential threat exists with new development that is inconsistent with sound watershed management.

**Agricultural Runoff and Animal Waste:** From livestock.

## Chadwick and Johnsons Ponds

**Agricultural Runoff:** There is a potential threat of agricultural runoff from several small farms.

**Septic Systems:** There is a potential threat from older failing septic systems.

**Construction Activities:** Significant new residential construction is occurring within the watershed. Storm water pollution from construction activities is a potential threat.

**Development Outside of Haverhill:** Part of the watershed is located in Boxford and Groveland. A potential threat exists with new development that is inconsistent with sound watershed management.

**Roadway Runoff:** Roadway runoff and erosion due to proximity of roadways to shorelines of both ponds.

## Erosion

Perhaps the most significant erosion concern within the City is the loss of bank along the Merrimack River. With regard to open space and recreational management, this concern is most evident in the area of Riverside Park. The City has lost the use of two picnic locations during to severe erosion of the riverbank. The rooftop boat launch in the park is located immediately adjacent to these picnic locations.

From 2010 to 2011, the City implemented bio-engineering techniques to stabilize approximately 500 linear feet of river bank in an effort to preserve the tree canopy along the riparian corridor. In 2018, it is anticipated the City will implement similar techniques to stabilize another 800 linear feet of river bank, include the picnic and boat launch locations.

### **Flood Control**

The City of Haverhill has numerous localized flooding and drainage concerns over its many roadway miles. Each fiscal year the City attempts to budget to address some of these concerns based on priority and need.

Much of downtown Haverhill is protected from the 1% Annual Chance Flood (i.e. 100-year floodplain) by a “floodwall”. The floodwall was constructed in the late 1930’s following extensive flooding of the downtown area. It has served to protect these properties from the Merrimack River ever since. However, in 2009, the Federal Emergency Management Agency required a re-certification of the floodwall. The City’s consulting firm developed a number of alternatives to repair and improve the floodwall for re-certification, all of which required significant financial investment.

From 2013 to 2014 the City implemented a Flood Protection System Improvements Project to meet the re-certification requirements. The flood protection system consists of three main components: the Merrimack River floodwall, the Little River conduit, and the Marginal Pump Station. The improvements project consisted of the following components:

- Improvements to the Little River conduit, including removal of debris and sediment that restricted flow;
- Improvements to the Merrimack River floodwall, including repairing the existing floodwall and raising the the floodwall vertically;
- Construction of a new west wing wall to extend the western edge of the Merrimack River floodwall at the necessary vertical elevation, removing the Riverside Place condominium building from the regulatory floodplain;
- Purchase of five, ten million gallon per day trailer-mounted pumps; and
- Improvements to the collection system, including upgrades to several diversion chamber/slucice gates within paved streets and installation of gate actuators at the upper and lower interceptor structures to allow flow to be diverted away from the middle sewer station and Marginal Pump Station during large storm events.

### **Sedimentation**

The City of Haverhill makes every effort to comply with its NPDES Stormwater Permit. To reduce the impacts of sedimentation to local wetlands and streams, the City’s Department of Public Works sweeps hundreds of paved, lane miles each year, while also cleaning hundreds of catch basins. The City regularly considers costs and options for increasing the frequency and efficiency of these maintenance procedures.

As a result of having a large city with numerous drainage structures along its roadway miles, some intermittent stream channels have seen an accumulation of sediment that has effected their capacity to carry flow. In recent years, the City has pursued permitting from the Conservation Commission to clean some of these stream channels.

The City continues to educate residents on how they might help keep stormwater free of pollutants and it conducts regular outfall screenings in pursuit of illicit discharges. However, construction site stormwater runoff may be the largest contributor of sediment to the City's water bodies. To protect against such impacts, the Conservation Commission requires compliance with the 2008 Massachusetts Stormwater Management Regulations. Additionally, a local stormwater ordinance was filed with the City Council for adoption in November of 2017. The ordinance has undergone subcommittee review and will return to the full Council's agenda in 2018. The ordinance regulates not only construction site runoff, but also post-construction stormwater management and maintenance.

### **New Development**

Over the past decade the City has welcomed remarkable new growth in its downtown area. This growth has highlighted a demand for recreational opportunities in the downtown. The City has worked to meet this demand by developing the riverfront boardwalk and the Bradford Rail Trail. Playgrounds have also been added to Washington's Landing Park and Grand Army of the Republic (G.A.R.) Park. As this growth continues into the south (Bradford) side of the river and easterly towards the former Haverhill Paperboard site, extensions of the rail trail will be needed.

Prior to its downtown renaissance, much of Haverhill's growth occurred in the suburban and rural sections of the City. Broadway (Route 97) is an urban minor arterial road in Haverhill. Perhaps more than any other suburban section of the City, it has yielded hundreds of new residential housing units since the 1980's. Between 2018 and 2020, MassDOT will implement more than one mile of improvements to the Broadway corridor, adding bike lanes and sidewalks where none currently exist. The City is pursuing funding for similar improvements to Water Street (Route 97/113) as it carries travelers from Haverhill's downtown to the suburban "Riverside" section of the side. On a related note, the City is in the process of adopting the Massachusetts Department of Transportation's (MassDOT) "Complete Streets" principles as a method for further connecting our downtown areas to the scenic, rural sections of the City.

A number of the residential developments proposed in the lesser-developed sections of the City prior to the shift towards downtown-living were proposed under the City's cluster residential subdivision ordinance. The ordinance establishes requirements for open space protection. If and when development shifts from the downtown to these more rural areas, efforts should be made to apply the cluster ordinance (or a modernized version) to this growth as a means to meet the open space and recreational demands that will follow.

## Ground Water and Surface Water Pollution

Haverhill is a community that relies on surface supplies for its potable water. The City is also developing a new drinking water supply in the aquifer deep below the Merrimack River. Lastly, the City continues to highlight the aesthetic and recreational values of the Merrimack River as part of its downtown renaissance. The protection of water quality is vital to these interests.

As noted, below, under *Impaired Water Bodies*, Haverhill’s potable water supply reservoirs – Kenoza Lake, Millvale Reservoir, Crystal Lake, Lake Pentucket, and Chadwick Pond (reserve) – are all impaired by mercury in fish tissue. This Massachusetts Department of Public Health advisory continues to impact recreational fishers in Haverhill. While the City will continue to promote fishing, it is reliant upon multiple federal and state programs aimed at the elimination or reduction of mercury releases to the environment.

The City promotes “10 Household Habits for Clean Water” as part of its stormwater public outreach. Each of these habits has a direct benefit to surface and ground water quality. Additionally, as part of its stormwater protocols, the City monitors and tests its drainage outfalls for pollutants.

In 2010 the City extended municipal water and sanitary sewer systems up Hilldale Avenue to the state line. These extensions were part of an infrastructure improvements project aimed at attracting businesses to the Hilldale Avenue Business Park. The sewer extension has the added benefit of eliminating two of the three industrial septic systems in the park, thereby eliminating these potential sources of ground water pollution.

## Impaired Water Bodies

The City of Haverhill falls completely within the Merrimack River watershed basin. In accordance with the Clean Water Act, the Commonwealth assesses this basin for fish consumption, primary and secondary contact recreation, aesthetics, and shellfish harvesting. Based on its assessment, the Massachusetts Department of Environmental Protection continues to find the following Haverhill waters to be impaired and in need of a TMDL (Total Maximum Daily Load). The TMDL process establishes the maximum allowable loading of pollutants that a water body can receive and still meet the federal surface water quality standards established for protection public health and maintaining the designated beneficial uses of those waters.

**Table 12. Impaired Water Bodies in Haverhill**

Water Body	Size	Impairment
Chadwick Pond	173 Acres	Mercury in Fish Tissue
Creek Brook	2.3 Miles	Escherichia coli
Crystal Lake	161 Acres	Mercury in Fish Tissue
East Meadow River	3 Miles	Escherichia coli

Kenoza Lake	240 Acres	Mercury in Fish Tissue
Lake Pentucket	38 Acres	Mercury in Fish Tissue
Lake Saltonstall	44 Acres	Mercury in Fish Tissue
Little River	4.6 Miles	Debris/Floatables/Trash Habitat Assessment Escherichia coli
Merrimack River (Essex Dam, Lawrence to Little River, Haverhill)	10 Miles	Escherichia coli PCB in Fish Tissue Phosphorus
Merrimack River (Little River, Haverhill to Indian River, W. Newbury)	1.83 Square Miles	Enterococcus PCB in Fish Tissue
Millvale Reservoir	44 Acres	Mercury in Fish Tissue

*Source: MassDEP "Proposed Massachusetts Year 2016 Integrated List of Waters", June 2017*

### **Forestry Issues**

As noted in the aforementioned section on *Vegetation*, the City of Haverhill has become proactive in its management of its urban forest plantings and its forested lands in an effort to abate such issues.

### **Invasive Species**

The City of Haverhill maintains a Vegetation Management Plan with the Massachusetts Department of Agricultural Resources. The Plan establishes criteria for the City to control vegetation along its municipal right-of-ways. These same criteria are applied to the City's control of vegetation in its parks and along its trails. The primary object of the Plan is to provide the public with safe and unobstructed passage while minimizing reliance upon herbicides. The 2018-2023 Plan includes training for personnel in the identification of invasive species for proper handling.

## Section V

# Inventory of Lands of Conservation and Recreation Interest

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The City of Haverhill contains a wide variety of natural resources, open spaces, and recreational facilities. Open spaces are generally located outside the City center in areas where lakes, streams, ponds, forests, and farm pastures are located. Active recreational facilities are located in the more densely populated areas of the City. The protection of these lands – their security and assurance from loss - is significant to providing sustainable sources of clean air and water, protecting wildlife habitat, and providing residents with beautiful landscapes, safe lifestyle environments, and improved quality of life. As the Massachusetts Division of Conservation Services aptly notes, “it is through thoughtful planning and active stewardship that Massachusetts’ open spaces, critical plant and animal habitats, neighborhood parks, and quality outdoor recreation facilities remain a part of our communities’ landscapes. Without planning, the appearance of a community, the lifestyle of its residents, and the condition of its natural resources can be dramatically altered in a short period of time due to ill-conceived changes in land use patterns.”

The protection of open space may take many forms. The City of Haverhill has land that is protected by the nature of its ownership as water supply protection land. Other spaces, such as parks and conservation areas, have some measure of protection due to their codification as such within the City Code. While some land developments have yielded partial protection through conservation easements, some land owners have provided more permanent protections in the form of conservation restrictions. Likewise, while the 1980’s saw portions of the Davidowicz, Kimball, Silsby, and Wallace families farms permanently protected with Agricultural Preservation Restrictions, other landowners have sought the tax benefits of the temporary-protection, chapter-land programs.

According to land reports prepared by the City’s Assessor’s Office, the City of Haverhill owns more than 450 parcels of land, amounting to nearly 2,400 acres. A number of private parcels are enrolled in Chapter 61, 61A, or 61B programs, totaling nearly 3,000 more acres.

Haverhill offers an abundance of passive recreation/open space and active recreation opportunities to its citizens. Approximately 2,110 acres are publicly devoted to open space and/or recreation uses and an additional 761 acres are quasi-public or privately devoted. This includes approximately:

**Table 13. Haverhill Open Space and Recreation Distribution**

Public Passive Recreation/Open Space*	1676
Public Active Recreation (including school facilities)	434

Private Open Space	761
<b>TOTAL ACRES</b>	<b>2871</b>

\* Includes designated watershed parcels.

**Table 14. Haverhill Chapter Land**

<b>Chapter 61 - Forest Classification</b>			
	# of Parcels	Acreage	Category Examples
	7	105	Actively forested land
<b>Chapter 61A - Agricultural Classification</b>			
	# of Parcels	Acreage	Category Examples
	129	2322	Active farms, pasture land, vineyards and equestrian centers
<b>Chapter 61B - Recreational Classification</b>			
	# of Parcels	Acreage	Category Examples
	8	307	Bradford Country Club, Garrison and Crystal Lake Golf Courses

**Table 15. Haverhill Agricultural Preservation Restrictions**

<b>APR Name</b>	<b>Location</b>	<b>Acres</b>	<b>APR Book/Page</b>	<b>APR Closing Date</b>
Davidowicz	Boston Road and Willow Avenue	248	6728/129 6728/136	08/20/1980
Kimball	East Broadway and Country Bridge Road	191	6972/467	08/30/1982
Silsby	Salem Street	132	9736/236	10/12/1988
Wallace	Chadwick Road and Hyatt Avenue	76	7064/307 7064/317	03/09/1983

The majority of the parks are less than 1 acre in size and do not offer recreational facilities. However, the two largest parks Winnekenni Park (214 acres) and Plug Pond (98.81 acres) include tennis courts, hiking trails, picnic areas, and public beach and skating pond. The City also has 18 playgrounds scattered throughout Central Haverhill.

There are no playgrounds located outside the City's central area and there is only one playground, Smiley School, located to the west of Route 1-495. With increased residential development in the western part of Haverhill (Crystal Lake area), additional playgrounds and tot lots will be needed. Haverhill exceeds nationally

recognized open space and recreation standards although facilities and open spaces are not evenly dispersed across the City.

**Protected Parcels—Open Space/ Passive Recreation**

The City's situation in the Merrimack Valley offers its citizens unique natural resources and open space opportunities. Forests/woodlands, wetlands, lakes, rivers/streams, and hills are all prevalent in the City.

Protected open spaces in Haverhill consist of watershed land, golf courses, conservation commission land, and privately owned open space lands.

**Passive Recreation**

Passive recreation includes activities such as picnicking, hiking, nature study, cross-country skiing, and walking/jogging trails. Although the City has some designated passive recreation facilities, additional opportunities exist for this use within the City boundaries. Hills, wetlands, ponds, and the Merrimack River provide ideal passive recreation settings. Table 17 is an inventory of passive recreation/open space lands. A combination of passive recreation activities may be suitable and appropriate for the same site.

**TABLE 16. Passive Recreation/Open Space**

City-Owned				
Site	Acreage	Equipment/Facilities	Condition	Maintenance Responsibilities
Bradford Common	1	benches, walkways	excellent	DPW
Brickett Park	< 1	none	good	DPW
Clement Farm Conservation Area	52	trails	natural	DPW, HTC
Crystal Gorge Conservation Area*	67.13	trails	natural	HTC
Crystal Lake (other)	174.2	trails	natural	DPW, HTC
Crystal Point Conservation Area	10.5	trails	natural	HTC
First Landing Park	< 1	benches, gazebo, walkways	excellent	DPW
Gale Park	< 1	benches, monument, walkways	excellent	DPW
GAR Park	1	bandstand, benches, walkways, playground	excellent	DPW
Lake Pentucket / Round Pond (excluding school property)	11.33	boat landing, trail	natural	DPW, HTC
Lake Saltonstall / Plugs Pond	129.2	benches, boat landing, trail	natural	DPW, HTC, REC

Meadow Brook Conservation Area	275.9	boat landing, trails	natural	HTC, DPW
Mendum Road	< 1	none	natural	
Merrimack River Trail Buttonwoods Section	3	trail		HHS
Merrimack River Trail Hannah Dustin Section	15	benches, trail	natural	DPW, HTC, MHD
Merrimack River Trail/Riverside Park Section	8	observation platform, trail	natural	DPW, HTC, REC
Mt. Washington Park	1	walkways	good	DPW
River Rest Park	< 1	benches, boat landing, float, walkways	excellent	DPW
River Edge Park	< 1	benches, walkways	good	DPW
Sagamore Park	< 1	none	good	DPW
Saltonstall Park	< 1	trails	excellent	DPW
Shore Land Park	< 1	walkway	good	DPW
Tattersall Farm / 542 North Broadway	84.4	trails	natural	HTC, TFCT
Tattersall Farm / John's Woods	65.8	trails	natural	HTC, TFCT
Washington Square	< 1	benches, comfort station, shelter, water fountain	natural	DPW
Westland Terrace	79	trails	excellent	
Wheeler Woods Conservation Area	40.81	trails	natural	HTC
White Park	< 1	none	good	DPW
Windsor Park	< 1	none	excellent	DPW
Winnekenni Park	310	trails	natural	DPW, HTC, REC, WF
<b>TOTAL</b>	<b>1340</b>			

\* Acquired through Self-Help Program

### Privately Owned

Site	Acreage	Equipment/Facilities	Condition	Maintenance Responsibilities
James P. Ginty Boulevard	< 1		natural	Essex County Greenbelt
McKay Street	< 1		natural	Essex County Greenbelt
Powder House Avenue	< 1		natural	Essex County Greenbelt

DPW: Department of Public Works; HTC: Haverhill Trails Committee; REC: Recreation Department

MHD: Massachusetts Highway Department; TFCT: Tattersall Farm Charitable Trust;  
 WF: Winnekenni Foundation; HHS: Haverhill Historical Society

**Picnic Areas**

The diverse ecosystems in Haverhill provide excellent settings for picnic areas. Scenic views along the Merrimack River and from hilltops provide enjoyable picnic locations. The City owns land in watershed areas, wetlands, hilltops, and along the banks of the Merrimack which could be easily developed to accommodate picnic tables. Coordination between the Department of Public Works, Water Department, Recreation Department, and Conservation Department for picnic area locations will ensure public water supply protection and scenic vistas.

**Nature Study/Conservation Areas**

Wetlands, the Merrimack River, ponds, and hills all offer interesting environments for nature study. The City currently owns areas ideal for use as nature study areas (e.g., protected watershed lands, wetlands, and parcels abutting the Merrimack River). These areas should be developed to accommodate nature study needs.

**City Landings**

The City of Haverhill has 18 landings on the Merrimack River. The landings offer fantastic open space and boating opportunities for the City. City-owned landings on the Merrimack River vary in size and accessibility. Some lands are virtually alleyways, while others are undeveloped scenic parcels. Many of these landings offer excellent opportunities for boat launching facilities and various passive recreation opportunities.

**Table 17. Inventory of City Landings**

Landing #	Location	Parcel ID	Acreage	Description	Maintenance Responsibility
1	N side Rocks Village Bridge, 1870	471-4-1	< 1	Considered open	DPW
2	S side Rocks Village Bridge, 1870	471-5-9	< 1	Considered open	DPW
3	Steamboat wharf, foot of Wharf Lane, 1870	471-5-1A	< 1	Limited parking; neighbor encroachment	DPW
4	Foot of “Old Ferry Road”, E of Cottle’s Creek, 1870	402-90-5	< 1	Potential park; needs road built	DPW
5	S side Water St, near foot of Keeley St, 1870	207-2-2	< 1	Potential park; riverbank concern	DPW
6	S side Water St, near foot of Mill St, 1812	unknown	< 1	Potential park	DPW
7	S side Water St, near foot of Came Ave, 1870	unknown	< 1	Narrow, 33’ R.O.W.	DPW
8	S side Water St, near	unknown	< 1	Potential park; 200’	DPW

Landing #	Location	Parcel ID	Acreage	Description	Maintenance Responsibility
	foot of Lindel St, "Old Ferry Landing", 1870			frontage; close to downtown	
9	S side Water St, near foot of Moore St, 1820	unknown		R.O.W. strip	DPW
10	S side Water St, near Green St, 1820	unknown		R.O.W. strip	DPW
11	Water St, E of Bridge, 1820	unknown		R.O.W. to downtown alleys	DPW
12	Water St, 1870	unknown	< 1	R.O.W. to downtown alleys	DPW
13	S side Washington Square, behind Post Office	unknown	< 1	Downtown alleyway	DPW
14	S side River St, 1870	unknown		Lift station next to Hannah Duston Trail	DPW
15	S side River St, near foot of Forest St, 1870	unknown		Lift station next to Hannah Duston Trail	DPW
16	SE end Groveland St	443-5-1	< 1	Junction Groveland St-Ferry Rd	DPW
17	Bradford, near foot of Ferry Street	700-630-2	< 1	Boat Launch, recently improved by Public Access Board	DPW
18	N side Cove Road	745-2-14	< 1	Small lot between residences	DPW

### Cemeteries

Cemeteries offer protected open space and passive recreation opportunities to the City. Cemetery roadways, which are tree-lined, offer ideal scenic walkways and bicycle paths. Other scenic qualities of cemeteries include well-maintained flowers, shrubs, streams, and ponds. Table 19 inventories the City's cemeteries.

**Table 18. Inventory of Cemeteries**

Cemeteries	Location	Acreage
City Cemetery (City)	Carleton Street	1.00
City Cemetery (City)	Hilldale Avenue	3.10
Old Burial Ground (City)	Salem Street	1.50
Pentucket Cemetery (City)	Water Street	2.58
Children of Israel	Middle Road	25.60
Elmwood Cemetery	Salem Street	27.87
Gedemino Club	Montvale Street	4.57
Greenwood Cemetery	East Broadway	7.89
Hilldale Cemetery	Hilldale Avenue	13.20
Hillside Cemetery	Broadway	5.36
Linwood Cemetery	Kenoza Street	51.11
Linwood Cemetery	Mill Street	32.93
North Parish Cemetery	Main Street	0.43
St. James Cemetery	Primrose Street	41.06

<b>Cemeteries</b>	<b>Location</b>	<b>Acreage</b>
St. Joseph Cemetery	Hilldale Avenue	44.00
St. Patrick Cemetery	North Broadway	64.14
Walnut Cemetery	Middle Road	7.08
West Congregational Church (undeveloped)	Broadway	1.13
West Parish Cemetery	Broadway	1.00
<b>TOTAL</b>		<b>335.55 acres</b>

### **Active Recreation**

Haverhill offers its citizens a wide variety of active recreation facilities and programs. There are twelve City-owned active recreation facilities and numerous year-round recreation programs and special events.

In addition to public recreation and school facilities a wide variety of private and state facilities are located in Haverhill. There are five (5) private golf courses, a skating rink (managed by the City), two bowling alleys, a ski area, four (4) health clubs - including the largest in New England, and numerous other facilities.

### **Active Recreation Facilities**

The City's active recreational facilities, listed in Table 20, offer varying accommodations and conditions. The City's school facilities, listed in Table 21, offer additional amenities for the public. The City's larger playgrounds have basketball courts and ball fields, e.g. 12th Avenue Playground. The playfields are the city's largest recreation areas. These playing fields contain tennis courts, skateboard parks, football, baseball, softball and soccer fields.

**Table 19. Active Recreation Facilities**

<b>Site</b>	<b>Acreage</b>	<b>Equipment / Facilities</b>	<b>Condition / Comments</b>	<b>Maintenance Responsibilities</b>
American Legion Field/Clement Farm	40	5 softball diamonds disc golf course	Fair Excellent (initial installation 2017)	DPW
Cashman's Field	5	2 baseball diamonds skateboard park 1 basketball Court 1 bathroom playground	Good Replaced 2018 Good Excellent Installed 2018	DPW
Consentino Playfield	4.88	1 Soccer Field 1 Baseball diamond	Good	DPW
Fox Field	2	1 baseball field	poor	DPW
Hunking Playfield	4.34	1 baseball diamond 1 soccer field	Excellent	DPW
Mt. Washington Park	< 1	Street Hockey	poor	DPW

Site	Acreage	Equipment / Facilities	Condition / Comments	Maintenance Responsibilities
Plug Pond	98.81	beach/swimming area 12 benches children's play area picnic areas bath house boat ramp	good 4 benches and swimming area are in good condition	DPW
Portland Street	0.5	basketball court tot lot picnic area	Excellent	DPW
Riverside Park	35	5 softball fields 3 Little League diamonds 3 basketball courts 1 Sr. Diamond 1 Soccer Field 1 mile-long walking/jogging track 1 car top boat ramp 2 horseshoe pits 6 picnic tables 3 tennis courts 1 Tot Lot 1 handicapped swing set 1 swing set High School Athletics Stadium	Good Good Fair Fair Good Good Good Fair Poor Fair Excellent Fair Poor	DPW
Riverside Playground (Zins Park)	1.5	bench monument	Excellent	DPW
Rocks Village Playground	< 1	children's play area	Poor	DPW
Smiley School Playground	1.2	play equipment no development	Good	DPW
Swasey Playfield	14	3 baseball diamonds 1 basketball court 1 playground 1 spray park Benches & bathrooms	Excellent	DPW
Tilton School Playground	1	basketball court no development	Poor	DPW
12th Avenue Playground	2	1 baseball diamond tennis courts basketball court tot lot	Good/Fair Poor Fair Excellent	DPW

Site	Acreage	Equipment / Facilities	Condition / Comments	Maintenance Responsibilities
Union Street Playground	< 1	basketball court Tot Lot	Poor Poor	DPW
Veterans Memorial Ice Skating Rink	3.79	ice skating rink meeting rooms	Good	State-owned City-maintained
Walnut Square Playground	< 1	no development Tot Lot	(asphalt) Good Good	DPW
Winnekenni Park	214	3 tennis courts skating pond picnic area Tot Lot trails	Fair  Good Some trails in Poor condition	DPW and Winnekenni Foundation
Wood School Playground	1.7	1 Little League diamond basketball court 1 tennis court play equipment	Fair/Good Good Poor	DPW
<b>TOTAL</b>	<b>433.72</b>			

**Table 20. School Facilities**

Site	Location	Ownership	Acreage	Equipment/ Facilities	Condition/ Comment	Maintenance Responsibilities
Bartlett	551 Washington St	City	1.33	Play Equipment	Fair/Good	School/DPW
Consentino	685 Washington St	City	28.16 (with Silver Hill)	3 Softball, 1 Baseball, Play Equipment, Gymnasium	Good	School/DPW
Crowell	26 Belmont Ave	City	<1	Little League Field	Fair	School/DPW
Golden Hill (with Nettle)	150 Boardman St	City	22	2 Baseball Fields, Gymnasium	Good	School/DPW
Greenleaf	58 Chadwick St	City	0.5	Basketball Court	Fair	School/DPW
Haverhill High	137 Monument St	City	18	Muti-purpose Fields, Track, 3 Tennis Courts, 2 Gymnasiums, Olympic-Size Swimming pool, Ice Skating Rink	Good	School/DPW
Hill View Montessori Charter Public School of Haverhill	75 Foundation Av	Hill View Montessori Foundation, Inc.	7	Play Equipment	Excellent	School
Hunking	98 Winchester St	City	17.25	1 baseball field, 1 soccer field, gymnasium	Excellent	School/DPW
Whittier	256 Concord St	City	54.25 (w/ Pentucket Lake)	Gymnasium, Baseball Field, Soccer Field	Good	School/DPW
Moody	59 Margin St	City	<1	Children's Play Area; Basketball Court	Good	School/DPW

Site	Location	Ownership	Acreage	Equipment/ Facilities	Condition/ Comment	Maintenance Responsibilities
Nettle (w/ Golden Hill)	150 Boardman	City	10	2 Baseball Fields, Gymnasium	Good	School/DPW
Northern Essex Community College	100 Elliot St	Commonwealth of Massachusetts	15	2 Baseball Fields, Football/Soccer Field, Track, 4 Tennis Courts, 4 Handball / Squash Courts, Basketball Courts	Good	Owner
Pentucket Lake	252 Concord St	City	54.25 (with Whittier)	Children's Play area, Baseball & Soccer Fields	Good	School/DPW
Silver Hill	675 Washington St	City	28.16 (with Con- sentino)	3 Softball, 1 Baseball, Play Equipment, Gymnasium	Good	School/DPW
Tilton	70 Grove St	City	2.67	Paved Playground, Open Play Field	Good	School/DPW
Walnut Square	645 Main St	City	< 1	Children's Play area	Good	School/DPW
Whittier Vocational Technical High School	115 Amesbury Line Road	Multi Town Collaborative	166.72	Baseball Field, Football Field, Track, Soccer Field, 4 Tennis Courts, Gymnasiums	Good	Owner
Northpoint Bible College	340 South Main St	Private	5	Scenic Paths around Tupelo Pond	Good	Owner

### Regional Recreation Area

An abundance of recreational areas are available in Essex County. Beaches, forests, and wildlife sanctuaries are all within a 20-mile radius of Haverhill.

### Private Recreation Facilities

Haverhill contains a wide variety of quasi-public and private recreational facilities (Table 22). The majority of these facilities offer indoor recreation uses. Swimming pools, handball courts, gymnasiums, roller skating, basketball courts, tennis courts, bowling, racquetball courts, indoor tracks, and weight rooms are just a few of the available facilities. The most extensive private indoor facility in New England is the Cedardale Health and Swim Club, which is located in Haverhill. Outdoor recreation facilities in the City include six golf courses and a ski area. The City boasts a number of other private health and fitness clubs, martial arts studios, dance studios, gymnastics facilities, and equestrian centers.

**Table 21. Privately-Owned Recreation Facilities**

Facility	Membership Required	Acreage	Equipment / Facilities
YMCA	Yes	0.77	4 handball / 2 racquetball courts weight room / Nautilus & Cardio equipment Pool Universal sauna steam room whirlpool health club - including yoga, spinning, Pilates, & Karate gymnasium – 1 basketball court, 1 gymnastics gym, & floor hockey meeting rooms climbing wall
YWCA	Yes	5.19	gymnasium meeting & function rooms
Boys Club	Yes	0.22	gymnasium games room video game room weight room library bowling lanes
Girls Inc.	Yes	0.19	meeting rooms
Bradford Swim Club	Yes	4.24	pool basketball courts table tennis

Facility	Membership Required	Acreage	Equipment / Facilities
Cedardale Health & Swim Club	Yes, for Club No, for Amazement Fun Center Cedarland	7	tennis courts (indoor/outdoor) pools (indoor/outdoor) exercise rooms basketball courts racquetball courts track (indoor/outdoor) Nautilus / weight room Roman bath / steam room / sauna dance studios Cedarland – 2 miniature golf courses 10 baseball batting cages Amazement Fun Center
Bradford Christian Academy	Yes	< 1	Children's play area basketball court
Merrimack Montessori School	Yes	5.14	Children's play area
Sacred Heart School	Yes	1.27	asphalt play surface
St. Joseph's School	Yes, for gym No, for alleys	2.9	gymnasium bowling alleys
Bradford Golf Course (public)	No	190	18-hole golf course
Crystal Lake Golf Club (public)	No	137.2	18-hole golf course cross-country skiing center
Far Corner Farm Golf Course (public) (Haverhill portion)	No	11.63	27-hole golf course (Haverhill portion)
Garrison Golf Course (public)	No	20	9 holes, par 3 driving range putting green
Haverhill Country Club (private) (Haverhill portion)	Yes	56	18-hole golf course swimming pool cross-country skiing
Renaissance Golf Club (private)	Yes	200+	18-hole golf course swimming pool
Crescent Yacht Club	Yes	.23	Boat docks Public Boat Launch adjacent to Club

Facility	Membership Required	Acreage	Equipment / Facilities
Kazmiera Marina	Yes	13.5	Boat docks Access to boat launch available to public for nominal fee
Abbott's Marina	Yes	12.2	Boat docks
Bradford Ski	No	48	chair lift warming hut 10 ski trails 2 T-bars 2 triple chairs 100% snowmaking rental shop
Haverhill Twin Rinks	Yes	8.34	indoor ice hockey rink
Bradford Skating Rink - Skateland	No	1.4	roller skating rink
Academy Lanes	No	4.5	bowling
Pilgrim Lanes	No	< 1	bowling
Haverhill Ridge Runners Fish & Game Club	Yes	3.45	sportsmen's club
Haverhill Hound, Rod & Gun Club	Yes	25.6	sportsmen's club
<b>TOTAL</b>		<b>760.97</b>	

### Park and Open Space Equity

The City, through its Open Space and Recreation Plan, seeks to increase the amount of open space and recreation opportunities in the Environmental Justice Zone and throughout the City. This follows up on previous investments in the EJ Zone such as Swasey Field upgrade (including playground and spray park), Cashman Field renovation, Portland Street Park upgrades, GAR Park improvements and playground installation, the Merrimack River Boardwalk and Bradford Rail Trail loop, and other notable enhancements.

Areas of future focus include:

- Expansion of the Boardwalk, which provides pedestrian amenities for nearby elder residents, as well as Downtown visitors, employees and residents;
- Washington Square improvements, for the benefits of the community and visitors but primarily the seniors living there at the Haverhill Housing Authority Washington Square complex;
- Moody School playground and riverfront improvements to City-owned land along Margin Street;
- Extension of the Bradford Rail Trail along the Merrimack River's south banks, including eastward through brownfields by the former Haverhill Paperboard, Hoyt + Worthen Tannery, and Stewarts' Septic properties. In addition, the plan is to extend the Rail-Trail westward just slightly to provide a direct connection

with the Bradford MBTA Commuter Rail Station. The goal is to eventually link the Bradford Rail Trail to the Groveland Community Trail already under development, and ultimately to connect with the 'Border to Boston' trail network;

- Increased access to the Little River around Lafayette Square, both as part of the pending Pentucket Mills redevelopment (which includes open space and trails along the river) and through other adjacent development prospects;
- There is a need to determine the highest and best use of Union Park, a hardscape play area in a densely settled part of the Lower Acre. The balance is to accommodate recreation without intruding on nearby residents with excessive or late night noise from the basketball court;
- St. James School Field on Primrose Street in the Acre neighborhood is property owned by the Archdiocese adjacent to a former parochial school used exclusively by the Haverhill Public Schools. The Archdiocese might be willing to sell the field to the City. Currently, this field is leased out to Little Leagues and organizations but is in need of amenities and upgrades that could support the Acre (EJ) population.
- Wysocki Park was a former jewel of the Mount Washington neighborhood that fell into neglect and misuse as the neighborhood declined and the park became a hotbed of criminal and drug activity. There is a need to reactivate this park, which occupied one city block surrounded by several intersecting streets in one of city's most low-moderate income and Hispanic neighborhoods;
- Welcome Street Park is small yet underutilized near the city's main homeless shelter and close to elder housing complexes;
- Working with the volunteer City-chartered group Brightside, the City has multiple traffic islands and small open spaces that benefit from the Adopt-a-Parks program and beautification efforts;
- The gazebos and bocce court around the city-owned park behind 80 Washington Street and Restaurant Row remain are scheduled to be repaired and upgraded with new water lines installed for the grassy lawn here.
- Outside of the EJ zone, the City's only Superfund site, the former city landfill on Groveland Road, is slated to house solar panels and passive recreation opportunities atop this large brownfields site that shares a border with Groveland;

### **Recreation Programs**

The Recreation Department is primarily responsible for public recreation in Haverhill. However, the Haverhill Council on Aging, the Haverhill Arts Commission, the Conservation Department, and the Haverhill Trails Committee offer recreation programs and/or activities.

The Recreation Department oversees a wide variety of recreation programs for elementary, high school, adult, and special needs groups. The Recreation Department is also responsible for scheduling all area softball and baseball fields for tournaments as well as league play.

Haverhill recreation programs offer year-round activities for all populations. Children's programs include instructional baseball and day camps; teen and adult programs include tennis lessons, softball, basketball, volleyball leagues; and special needs programs include day camps, softball tournaments, and arts and crafts lessons.

### **Recreation Programs**

Summer Day Camp  
Swimming - Plug Pond  
Arts & Crafts  
Summer Concert Series  
Jr Football  
Children's Theater  
Coed Softball  
Men's League Softball  
Tennis Camp  
Open-Gym Basketball  
Instructional Baseball  
Soccer Clinics  
Summer Soccer Camp  
Fencing  
Youth Wrestling  
Boys Lacrosse  
Girls Lacrosse  
Annual Tennis Tournament  
Golf Lessons

### **Special Events**

Native American Pow Wow at Plug Pond  
Fourth of July Festival  
Plug Pond Fishing Derby

## **Haverhill Council on Aging**

The Haverhill Council on Aging (COA) operates out of the Citizens Center. The programs offered range from health and nutrition to recreation.

### **Health and Nutrition Programs**

Meals on Wheels Program  
Hearing, vision and other preventative clinics  
Health Screenings ( weekly Blood pressure clinics and others)  
Flu & Pneumonia Clinics  
SHINE Health Insurance Counseling  
Diabetic Support Group  
Monthly Foot Care clinic  
Therapeutic Massage  
Low Vision Support group

### **Special Programs**

Taxi Voucher Program  
Voice of the Friends Newsletter  
Tax Assistance (Seasonal)  
Minority Outreach (Latino) Program  
Cell Phone Program  
Social Club for Widows and Widowers  
Volunteer Opportunities  
Yellow Dot Sticker Program – provides a photo id and informational package to be placed in Senior Citizens cars to assist medical personnel in case of emergency.

### **Recreation Activities**

Seasonal Parties  
Day and Overnight Trips  
Cultural Events – Trips to Art Museums, Boston Symphony Orchestra, Ballet  
Line Dancing  
Yoga – both day and evening classes available  
Tai Chi  
Bingo  
Cards and Billiard club  
Knitting, Stained Glass, Mosaic and Ceramic Classes  
Movement to Music Exercise Class  
Teddy Bear Workshop  
Comedy Masque Revue (Chorus)  
Drawing/Painting Art Classes  
Memoirs Workshop  
Monthly Book Club  
Golf Clinic (seasonal)

## Section VI

### Community Vision

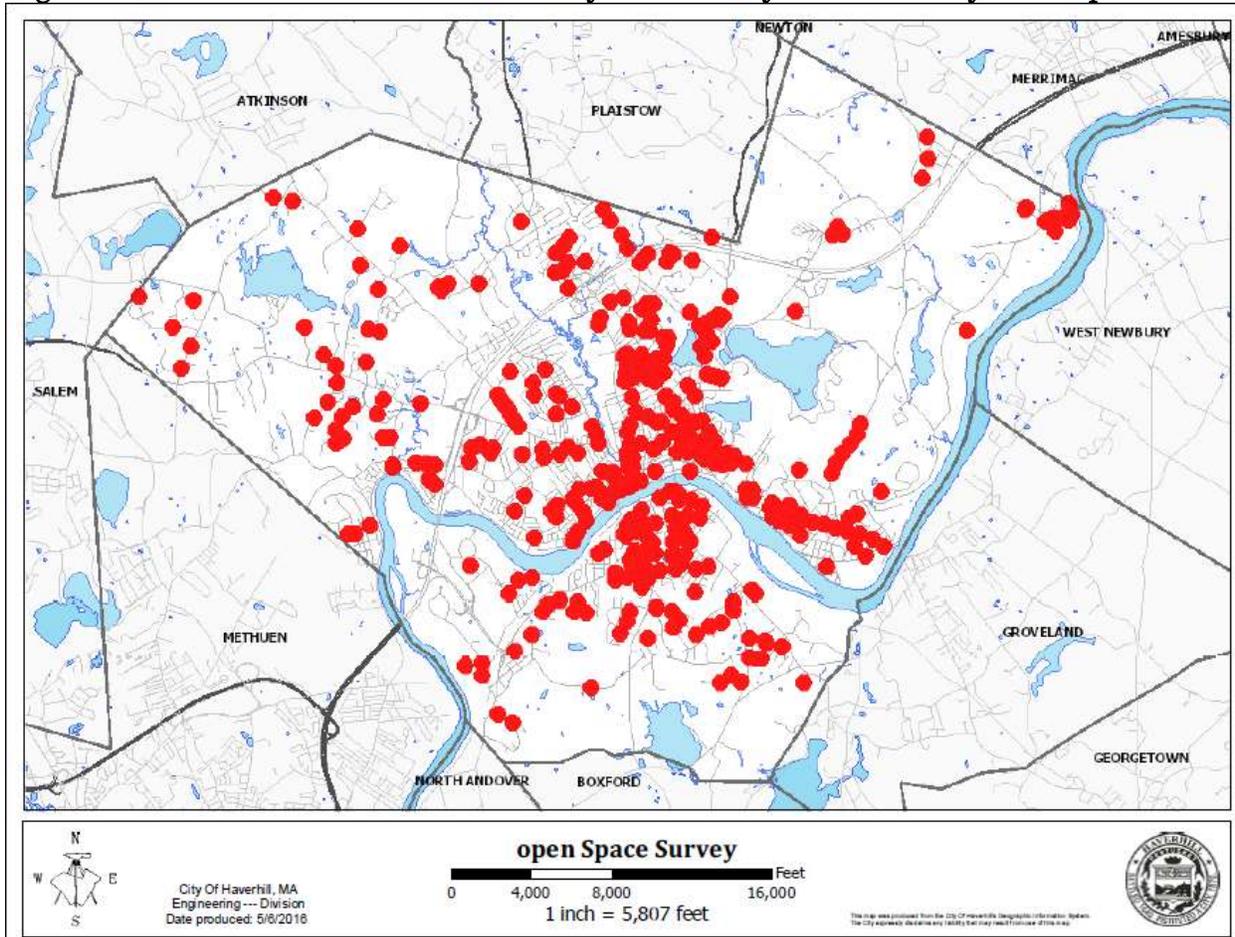
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#### *A. Description of Process*

The Open Space and Recreation Committee consists of a diverse group of stakeholders with varying levels of open space and recreation experiences from various City departments and the general public. The Committee developed Haverhill's Community Goals and Objectives through an open and inclusive process. The Committee's public meetings were productive working sessions with an opportunity for the free exchange of ideas. However, as was the case with Haverhill's 2008 Plan, the most influential information in the development of this plan's goals and objectives was the results from our community vision survey.

Early in the spring of 2016 the Committee conducted a survey titled "2016 Haverhill Open Space and Recreation Community Vision Survey" to determine Haverhill's residents' priorities and concerns. The survey was primarily conducted online, through the City's website and an internet survey firm – Survey Monkey. An extensive effort was made to draw the attention of residents to this survey. The Haverhill City Council discussed the survey during its televised meetings. Team Haverhill, a local non-profit organization and self-described, independent, volunteer action group dedicated to making Haverhill a better place to live, learn, work and play promoted the survey during its annual "Possible Dreams" community visioning event. Additionally, the survey was promoted through social and print media; the public school system; and the local athletics leagues. The extensive promotion of the survey assisted us in more than doubling the number of respondents from the 2007 survey, while drawing responses from across the City's downtown, suburban, and rural areas. The map below demonstrates the diverse locations of our responding residents:

Figure 3. Residence Locations Provided by Community Vision Survey Participants



The survey revealed the following community views:

- Protecting Open Space is important;
- There are insufficient adult and youth recreational opportunities in the City;
- The maintenance of existing recreational resources needs improvement;
- Protecting the Merrimack River, other water resources, and Open Space and wildlife are very important to enhancing Haverhill's community character;
- Residents would vote for a City-supported land acquisition program;
- Zoning protection is needed for Open Space conservation;
- Public-Private partnerships are favored to preserve open space; and
- The community overwhelmingly supports the park improvements implemented in recent years;

The survey results may be found in Appendix D.

The 2008 Plan tied also tied its community vision research to the results of the UrbanRiver Visions 2 Charette held in Haverhill on March 31, 2007. From that Charrette an Action Plan was developed. This Action Plan called for the following, over a five-year period (*italics*), along with an assessment of the City's accomplishments:

- *Secure funding to acquire the land necessary to accommodate the Bradford component of the Riverwalk.* The City has acquired additional land to extend the limits of what is now called the “Bradford Rail Trail”. The Trail is currently undergoing improvements to provide an improved walking surface, drainage, scenic vistas, and other amenities. These improvements should be completed in by the fall of 2016. The City will continue to pursue funding for this project in order to extend these improvements across the recently acquired land and connecting the trail to the public Merrimack River boat launch and George Washington Landing Park. The creation of this Park was funded, in part, by the Executive Office of Energy and Environmental Affairs.
- *Expand programming for festivals and events in existing public spaces along the riverfront area – behind the Tap Restaurant and the Haverhill Bank.* Community civic organizations have worked to bring residents such events as the popular River Ruckus Festival and summer movie nights along the river.
- *Initiate actions to secure immediate increase in boating activity in the downtown area.* With funding from the Executive Office of Energy and Environmental Affairs the City has installed new, accessible docks in the downtown, adjacent to River Rest Park. In 2012 the City worked with the Massachusetts Department of Fish & Game - Office of Fishing & Boating Access to make repairs and improvements to the public boat launch located adjacent to George Washington Landing Park. The recent construction of an extended boardwalk between the Basiliere Bridge and Haverhill Bank, coupled with the ongoing mixed-use redevelopment of downtown, creates potential for future increases in boating activity.
- *Initiate steps to create a major waterfront park at the current location of the bus depot and parking lot at Washington and Essex Streets.* While the 2008-2015 Plan period saw parking improvements in the downtown area, the conversion of this parking lot to a major waterfront park remains to be accomplished.
- *Draft and adopt design standards for downtown and riverfront development; initiate design review for buildings and the public realm; develop guidelines for stormwater and water quality management.* The City has adopted eight (8) new zoning “waterfront” districts, establishing new standards for nearly three (3) miles of riverfrontage through the heart of Haverhill’s downtown. Work on design review and stormwater and water quality management must continue.
- *Explore ways to tap the potential of the Woolworth building as a highly visible gateway to the downtown and model for how the riverfront can be re-envisioned.* The Woolworth building, along with some neighboring structures, were demolished in 2015 to make way for “Harbor Place” – a mixed-use, multi-building redevelopment of this gateway. The Harbor Place project includes a publicly-accessible promenade which will flow into the newly extended boardwalk. This new public open space is shown in the rendering, below.

**Figure 4. Rendering of Harbor Place as Viewed from the Merrimack River**



*Source: tat | The Architectural Team*

- *Consider development of a downtown heritage and arts trail that explores aspects of the city’s built and natural environments – a “sturgeon and boot trail,” also providing a link between the Merrimack and Little Rivers. A link between these two rivers remains to be accomplished. However, the annual River Ruckus Festival has created an excellent community connection to the Merrimack River and its local resident, the Shortnose Sturgeon. In 2009 local organizers kicked off the inaugural “Soles of Haverhill Shoe-la-bration”. The event explored Haverhill’s shoe manufacturing heritage, while promoting the skills of local artists. In 2014 seven (7) new “Soles of Haverhill” sculptures, designed as artistic benches, were installed at prominent public locations throughout the City.*

#### *B. Statement of Open Space and Recreation Goals*

The City of Haverhill is an expansive community with a growing population. The City’s landscape ranges from an urbanized and revitalized downtown district to the most rural of streams surrounded by hundreds of acres of undeveloped land. Along the way, one will find the smallest of parks, such as Columbus Park in the downtown area, to

the largest of conservation areas, such as Winnekenni Park or Meadow Brook Conservation Area, or the largest of recreational facilities – Haverhill Stadium and Riverside Park. Haverhill is rich with lakes and ponds, winding rivers, and scenic vistas. Our community’s goals are not unlike those found across the Commonwealth, to:

- improve the recreational opportunities offered to not only our own residents, but those of our neighbors;
- promote “sustainable” development so that we may better preserve our valued natural resources, wildlife habitats, open spaces, and cultural and agricultural heritage;
- improve the management and maintenance of our public facilities and lands; and
- reach out to the public to better meet its needs and to better meet the needs of our environment.

## Section VII

### Analysis of Needs

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#### A. *Summary of Resource Protection Needs*

##### **Regulatory Improvements – Smart Growth / Smart Energy Principles**

Haverhill has an inventory of more than 2,800 publicly or privately owned acres reserved for conservation or active/passive recreation, plus almost 2,400 additional acres containing no structures. This amounts to about 24% of Haverhill's total acreage.

Haverhill has focused its implementation of Smart Growth strategies in the downtown area. The City has adopted a Chapter 40R district; promoted mixed-use developments; and created bike lanes along main roadways. In his 2016 Inaugural Address, Mayor Fiorentini expressed his desire for Haverhill to be a “walkable” community. Our downtown has become a desirable “live-work” location.

However, beyond downtown, Haverhill must expand its use of Smart Growth strategies for residential development. A Metropolitan Area Planning Council report (“MetroFuture - The Recommended Plan for a Greater Boston Region”, published May 1, 2007) predicted that by 2030, if its sprawl-friendly development trend continues, Haverhill would lose 1,064 acres of farmland, forestland, and natural habitats; only Middleton would lose more. This prediction was based on Traffic Analysis Zones (“TAZ”). Each TAZ was allocated a combination of the 2000 Census results for population and the 2000 employment patterns and considered local land use trends and “buildable” land use redevelopment opportunities.

The Community Vision Survey revealed that a majority of respondents felt that having open space was important and that some type of zoning may be necessary to protect it. During the drafting of the 2008-2015 Plan, the City saw its first “Low Impact Development”, known as Falcon Lane, begin to take shape on the ground. Others have since followed. The Commonwealth's 2008 regulatory changes pertaining to stormwater have set the focus on low impact design principles, not just for residential projects, but for commercial, industrial, institutional, office, and transportation projects as well. To meet this change in design principles the City's Subdivision Regulations are in need of updating to standardize these principles.

The City should continue to promote sustainable development principles and reduce the impacts of suburban sprawl on its natural resources. The City should look to balance the as-of-right higher residential densities in its Chapter 40R district with lowered densities in its more rural areas. This principle combines the City's downtown revitalization efforts with the protection of its water supplies, agricultural land, natural habitats, recreational opportunities, and other purposes by transferring some or all of the development that would otherwise have occurred in these sensitive places to more suitable locations, such as downtown Haverhill.

The Commonwealth's "Smart Growth / Smart Energy Toolkit" notes that "conventional zoning has failed to prevent, and is often the cause of, suburban sprawl in Massachusetts". The City has had "Cluster Residential Development" and "Planned Unit Development" zoning ordinances in place since 1972. Both ordinances provide alternatives to a conventional zoning layout approach. In the 1980's and early 1990's the City saw protection of open space on West Meadow Hill, golf course reconfiguration with new housing at Bradford Country Club, and golf course construction and open space protection adjacent to the Tattersall Farm by projects using the planned unit approach. More recently, the City has seen some successes in open space protection with projects using the cluster approach. Significant acreage was protected on Gale Hill by both the Gale Avenue and Magnavista Drive subdivisions; along Creek Brook by the Parker Lane subdivision; on West Meadow Hill by the Jillian's Village subdivision; and along the Merrimack River by the Hales Landing subdivision. In 2010 the 140-acre Crystal Springs Golf Course was sold. The Cluster ordinance allowed for the retention and protection of a 125-acre, 18-hole golf course; donation of two (2) acres of lakefront open space to the City; and development of 50 single-family house lots in two clusters covering the remaining acreage.

Although somewhat effective, these ordinances have their limitations, such as special permits requirements from the City Council, minimum acreage requirements, minimum lot dimensions, and public water and sewer requirements. In 2012 the City established a Zoning Review Subcommittee and charged it with reviewing not just these limitations, but the entire municipal zoning code. This wholesale recodification of the City's zoning requirements is projected to continue through 2016. It is hoped that this effort will set Haverhill on course to efficiently meet the housing and business needs of tomorrow, while protecting its finite natural resources for future generations.

In working to address the noted ordinance limitations, the subcommittee is developing an approach to residential development that promotes open space preservation based on environmental and social priorities. The approach is intended to feature flexible development design while minimizing disturbance to the City's natural resources. Similar to the Open Space Residential Design concept, this approach follows basic steps: identifying important natural and historic property features; locating desirable house site; aligning roads, trails, and other infrastructure; and lastly, drawing in lot lines.

The Commonwealth describes "Low Impact Development" as "a more sustainable land development approach that begins with a site planning process that first identifies critical natural resource areas for preservation. Then, once the building envelope is established, LID techniques, such as maintaining natural drainage flow paths, minimizing land clearance, clustering buildings, and reducing impervious surfaces are incorporated into the project design. A series of small stormwater best management practices (BMPs) that preserve the natural features and hydrology of the land are used instead of the conventional methods of collecting, conveying, and piping away runoff."

“Low Impact Development” and “Environmentally Sensitive Site Design” principles come into play with the City’s zoning review, but are also significant components in the Haverhill Stormwater Committee’s draft “Stormwater Management and Erosion Control Ordinance”. While this ordinance remains under review, it is expected the City will approve a stormwater management ordinance in the coming year. This ordinance and the adoption of supporting regulations will enhance the City’s protection of its natural resources, including the focal point of its downtown redevelopment efforts – the Merrimack River.

### **Public Outreach and Education**

A primary focus should continue to be in the area of public outreach and education. Clearly a proactive approach to enhancing public awareness will increase the likelihood of support of all the actions necessary to enact this plan. Furthermore, this awareness will improve quality of life, as citizens learn what is currently available and what is coming in the near future. A “Parks and Conservation Areas” section has been added to the City’s website to highlighted the City’s Conservation Areas. Similar information is needed to highlight the City’s parks and playgrounds. In addition signage, pamphlets, planned events, and a relationship with the schools to develop Open Space curriculum goals would also help motivate a larger segment of the citizenry. All resources should be explored as well as cooperating with other groups in the city working on projects aligned with Open Space and Recreation.

### **Land Acquisition and Protection**

To ensure that the scenic quality of the City is maintained, open space and recreation lands need to be protected. Wooded hilltops, scenic vistas, open fields and undeveloped lakes and ponds enhance Haverhill's quality. In recent years, the Open Space and Recreation Committee considered the following attributes when reviewing potential open space and recreation lands:

- Potential for providing active and passive recreational opportunities;
- Location within an area of critical environmental sensitivity, such as a potable water supply watershed;
- Wildlife habitat protection and the continuity of migration corridors, greenbelt value;
- Areas of aesthetic value;
- Heritage preservation and archaeological value;
- Vulnerability to development;
- Preservation of farmland;
- Continuity with adjacent existing open space and recreation parcels;
- Potential for providing green space to enhance the livability and character of a densely populated area; and
- Located in areas under-served by open space and recreation facilities.

However, the acquisition and protection of lands for open space and recreation may be the most challenging goal of all. There are a considerable number of actions that should be pursued by the City to achieve desired goals. Among these actions are fostering relationships with existing land trusts, such as Essex County Greenbelt Association and the Trust

for Public Lands, or the development of a Haverhill Land Trust; identifying parcels of land that are potentially significant for open space, watershed protection, and recreation sites; building relationships with landowners that may be willing to sell or donate land or to provide permanent land restrictions; developing methods of outreach to landowners; and reviewing funding mechanisms with organizations, such as the Massachusetts Division of Conservation Services.

There are three general options available for the City to protect its open space areas: land acquisition, regulation, and taxation. No one method alone is recommended for open space protection; a combination of all three is the most effective approach. Acquisition methods are useful to gain direct control of land through purchases of land or land rights (e.g. Conservation Restrictions and Easements). The regulatory process may be used to promote “sustainable” development so that we may better preserve our valued natural resources, wildlife habitats, open spaces, and cultural and agricultural heritage. And finally, real estate taxation programs, such as Chapters 61, 61A, and 61B provide property owners with incentives to preserve land as open space for forestry management, agricultural production, and recreational uses.

Municipal acquisition can come in many forms. The City has had some recent success in bargain sales with the acquisition of 46.5 acres on Crystal Street to create the Crystal Gorge Conservation Area and of 40.8 acres on Boxford Road to create the Wheeler Woods Conservation Area. The City has also acquired open space in recent years through charitable private gifts, with the most notable being the willing of the 150-acre Tattersall Farm to the City. The City’s regulatory approach, particularly through the implementation of the Cluster Residential Development Ordinance has also recently led to the donation of open space, as noted above.

Charitable gifts of land and bargain sales to the City provide the landowner with significant tax benefits. Another source of tax relief is the donation of a Conservation Restriction placed on a parcel of open space. In 2012 the Bailey family granted a Conservation Restriction to Greenbelt to protect 60 acres of its Kingsbury Avenue farm land in perpetuity. Greenbelt has also been instrumental in accepting the outright donation of land for protection in Haverhill. The City continues to work with Greenbelt to pursue similar opportunities.

The financing of acquisitions is an obstacle, which needs to be explored with an eye to traditional as well as new and more creative options. Currently, in order to finance proposals recommended in the Open Space and Recreation Plan, the City must raise funds either through its annual budget, capital improvements program, or through grants from the Federal or State governments. However, Haverhill’s present financial situation significantly restricts its ability to use these options. In 1997, with a thriving economy, a question on a local ballot to establish a Land Bank in Haverhill was soundly defeated. Since that time, Massachusetts passed the Community Preservation Act (“CPA”). The CPA allows cities and towns in the Commonwealth to levy an additional property tax of up to 3% on its real estate parcels. The funds must be spent on open space and recreation, historic preservation and affordable housing projects. To date, the city has not attempted to pursue local adoption of this act.

As noted above, the overlay district established downtown under Chapter 40R is a start to realizing the benefits of Smart Growth / Smart Energy strategies, particularly through residential design as a means to promote open space, access the Merrimack River, and the revitalization of our urban center. The establishment of a permanent Open Space and Recreation Planning Committee is a regulatory approach that would also create an opportunity for additional input for large development, both residential and commercial, as well as review of chapter land releases.

The long and unique history of this city should be front and center through aggressive efforts to identify historic sites and insure their protection. In tandem with this, scenic and cultural resources should be identified as well. Providing these protections may take the form of covenants, easements, or restrictions and may also be included in an ordinance or ordinances, which protect hilltops and or other parcels. Further, a tree adoption ordinance/program would lend itself to the enhancement of the landscape and habitat across the city.

The City has significant agricultural resources. Promoting farmland being placed under Chapter 61 or 61A, the formation of an Agricultural Commission, and exploring a right to farm ordinance are objectives to preserving these resources. The benefits of Chapter 61A to the City of Haverhill are the preservation of land from any development, jobs for people in the farming industry, and sales of locally grown and raised produce within the community. The success of the rejuvenated Haverhill Farmers Market demonstrates the importance of local agriculture in our community.

Chapter 61B and its protection of land that is substantially natural, wild, open, landscaped or pasture condition is also a valuable tool in the City's open space and recreation efforts. This land typically contains any number of the following uses: skiing, hunting, golfing, hiking, horseback riding, archery, target shooting etc. The benefits of Chapter 61B to the City are obvious and numerous, providing jobs and recreational opportunities in the golf, ski, and related industries; the use of the land for hiking trails, horseback riding, etc; and the preservation of wildlife habitat.

### **Scenic Roads Ordinance**

A Scenic Road Ordinance drafted pursuant to Massachusetts General Laws Chapter 40 section 15C was proposed to the Haverhill Community Development Director in February, 2006. The draft was intended to assist the City of Haverhill in protecting scenic vistas and historic neighborhoods. The proposed ordinance would only affect City owned land, not privately owned parcels. The ordinance has not yet been adopted by the City of Haverhill.

Designation as a scenic road would require planning board approval before trees could be cut or removed or stone walls could be torn down or destroyed, if these were done in connection with repair, maintenance, reconstruction or paving of a scenic road. Scenic road designation may require planning board approval for trimming or other cutting of trees, or destruction of stone walls, or roadway work that does not affect trees or stone

walls, unless related to the above-listed improvements. It also does not require planning board approval for roadway work which does not affect trees or stone walls.

The proposed ordinance states a purpose of providing a procedure to designate scenic roads on specified criteria and to prohibit the unauthorized alteration of the roads. Trees and stone walls in the rights-of-way of scenic roads would not be destroyed without following proper procedures.

The ordinance would allow the City to protect the tree-lined, winding country roads, bounded by historic walls from roadway upgrading, widening and other road-related construction that removes or destroys the elements that give the road a scenic character. Haverhill would be able to preserve its rural roads and the scenic, historic, environmental, agricultural, and economic values through adoption of a Scenic Roads Ordinance.

The proposed ordinance includes procedures for the Planning Board to consider a recommendation for a scenic road, with a list of factors to review, including preservation of natural resources, environmental and historical values, scenic and aesthetic characteristics, public safety, legal issues, and any proposed compensatory actions. Upon designation, the City Council would provide public notification within thirty (30) days. There is a section on enforcement and fines for violation. Enforcement authority would rest in the Conservation Commission.

Suggested scenic road designations include: East Broadway, Crystal Street, Lake Street, Hilldale Avenue, Bridge Street, Vale Street, Whittier, Millvale Road, Middle Road and sections of Kingsbury Ave., Boxford Road, North Broadway, Willow Ave., South Cross Road, West Lowell Ave., Route 110 (west of Rt. 495), and Kenoza Street.

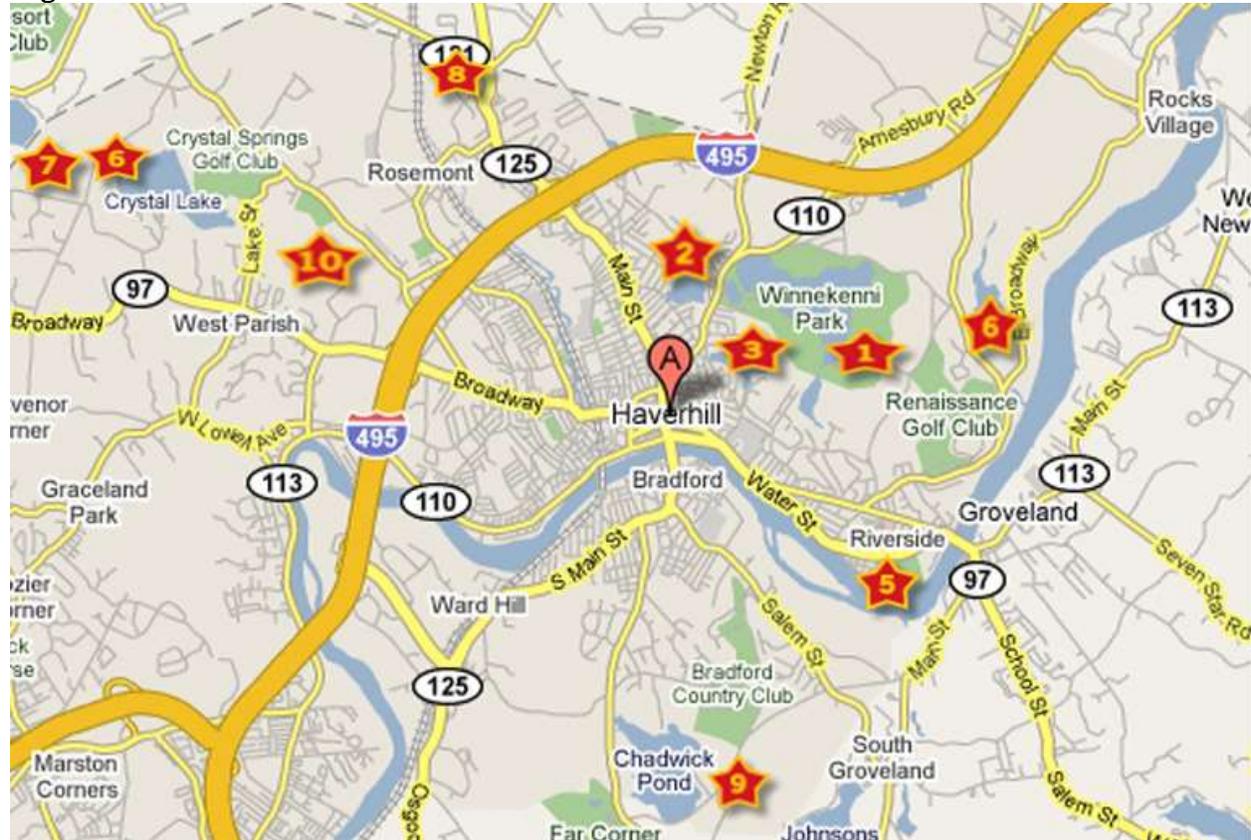
### **Green Infrastructure**

Haverhill has a number of large open space resources: 13 conservation areas with trails and the Merrimack and Little River corridors. However, only one area - Wheeler Woods - is located in the Bradford section of the City. Also of concern is that there is limited linkage between these areas and limited accessibility to people with disabilities.

There were past efforts to link some of these areas. The Haverhill Trails Committee developed a trail on the abandoned right-of-way of Pear Tree Lane. This trail system essentially connects Winnekenni Park to the Meadow Brook Conservation Area. In the early 2000's, the Haverhill Water Department installed a cross-country water main between Lake Saltonstall and Winnekenni Park. The resulting corridor of work allowed for improved trail access between these two recreational areas. More recently the City has worked with private landowners to acquire acreage in the Crystal Lake area in an effort to further protect this water supply and to work improve continuity between the Crystal Lake conservation areas. These efforts should continue.

Adding burden to this effort, however, has been the City’s auctioning of land in recent years to bridge its budgetary gaps. Of particular note is the auctioning of large tracts of land along the Little River corridor that were eyed for linkage to Clement Farm.

**Figure 5. Conservation Areas**



- |                  |                |                 |
|------------------|----------------|-----------------|
| Winnekenni Park  | Riverside Park | Wheeler Woods   |
| Lake Pentucket   | Crystal Point  | Tattersall Farm |
| Lake Saltonstall | Crystal Gorge  |                 |
| Meadow Brook     | Clement Farm   |                 |

The only connecting resource, aside from streets and highways, is the Merrimack River. In 1993, the Merrimack River Watershed Council proposed a Merrimack River Trail. Haverhill was one of a few communities that committed itself through its Trails Committee to help build a Merrimack River Trail. However, with eventual staffing changes at the Merrimack River Watershed Council, the impetus for the River Trail waned throughout most of the Merrimack Valley. The “Merrimack River 5-Year Watershed Action Plan, 2002-2007” developed by the then Executive Office of Environmental Affairs called attention to this. Specifically, Goal 5 of the Plan called for “improved river recreational access and regional open space protection for all watershed residents”, with an objective to “increase the support and extend the Merrimack River Trail.”

In 2007, with the assistance of the Massachusetts Department of Fish & Game - Office of Fishing & Boating Access, a second public boat launch was installed in Haverhill

along the Merrimack River. This new launch is located in the Bradford section of the City, immediately downstream from the Crescent Yacht Club. It consists of a bituminous concrete ramp, leading down to a concrete plank launch. The City worked again with the Commonwealth to make repairs and improvements to this launch.

The City's first boat launch is a cartop access launch located within the Riverside Park. Access to the Merrimack River was a repeated comment with the Community Vision Survey and should continue to be expanded upon. This cartop launch has been impacted by riverbank erosion in recent years and has been eyed for improvements by both the City and the Office of Fishing & Boating Access.

While the new docks installed in the downtown area, with assistance from the Executive Office of Energy and Environmental Affairs, improve boaters' access to downtown, the new boardwalk constructed between the Basiliere Bridge and Haverhill Bank will improve the community's social, if not physical, connection to the river.

**Figure 6. Merrimack River Boat Access Points**



*B. Summary of Community's Needs*

**Community Expectations**

The results of the Community Vision Survey showed that City resources and private facilities generally meet expectations, but that City facilities and programs need some improvement. The survey also invited comments from the responders.

Comments addressed a perceived lack of care and maintenance at some facilities and playgrounds. Additional comments concerned a lack of rest room facilities at parks and

playgrounds. There is concern among the residents about the increased development in the City and preserving of historic buildings and scenic vistas. Other topics concerned a need for increased arts and recreational sources, including suggestions for a teen center, performing arts center, water parks, organic farm, community garden, off leash dog park, bird watching trails at Kenoza Lake, and increased use of the waterfront.

Regarding community character, protection the Merrimack River and other water resources were the highest ranked categories in the Survey. However, the two lowest ranking categories were water related activities. This could be interpreted that people do not consider the Merrimack River and other water resources as significant for recreational activity as they do for conservation and health reasons.

Still more public comments identified the need for dog parks; additional access and amenities for disabled persons; increased and improved access to the Merrimack River; a network of bicycling and jogging routes; focus on small, neighborhood parks; and additional parks throughout the City, particularly in the downtown district.

An overwhelming majority of respondents like the park improvements implemented by the City in recent years. The City has made many improvements, such as rejuvenated ballfields; added playground equipment and restrooms; and added benches, trees, lighting, and security cameras to improve comfort and safety.

### **Open Space Preservation**

When asked what actions the respondent would take to help preserve open space in Haverhill, donating or selling land to the City at a “bargain price” was considered the least popular method of preserving open space. This result recognizes the high value of land in the recent real estate market and the unwillingness to give it away.

Limiting future development of land by way of a deed restriction or Conservation Restriction, selling land to the City at fair market value, and donating money to buy land garnered more positive responses, with more than 1/3 of the respondents in favor of each method. The overwhelming Survey support (64.1%) was for a City-supported land acquisition program. This result is most likely due to the comfort and interest of community involvement toward the same goal.

Although the majority of Haverhill taxpayers live in condominiums or homes with small lots, neither with excess land available to be sold or donated, the overall feeling is that most residents are in favor of maintaining open space and acquiring additional land for conservation and recreation purposes. According to the survey, the substantial support for a City-sponsored land acquisition program evidences the interest and popularity of Open Space but at a minimal cost to the individual taxpayer.

When asked what actions the City should take to preserve open space, Survey respondents were overwhelmingly in favor of preserving open space using a

variety of methods. Joint public-private action, zoning for open space, and lower property taxes for farms, forests and recreation were understood and supported by greater than 80% of those responding. However, the receipt of conservation land and the purchase of development rights were not well understood responses, given high “Not Sure” responses of greater than 35%. This lends itself to the need for further public outreach and education. The purchase of land by the City was viewed favorably by 75% of respondents.

The comments provided by respondents to this inquiry enlightened the Committee to the general concern by residents that the City is not trusted to preserve land that it receives or purchases. There is also a concern that other City services would suffer if the City purchased land. These concerns could be correlated to the recent land auction and other sales conducted by the City to bridge its budgetary gaps. In general, there is a public perception of excessive growth in the City in recent years. Respondents indicated a desire to control growth by restricting lot sizes, preserving our farms, and taxing new homes to preserve open space.

### **Active Recreation Needs**

The majority of recreational facilities and programs currently offered by both the City and private firms adequately fulfill the needs of the residents at this time. However, the condition and maintenance of those City facilities is deficient and has been reported as such in previous Open Space and Recreation Plans. Playground equipment needs to be updated and handicapped friendly play areas should be increased to properly serve the population. Information concerning the locations and programs of recreational activities available to the public should be coordinated and accessible through various means such as destination signage, kiosks and the internet.

The majority of Survey responses indicate that much improvement is required regarding whether the City provides and maintains appropriate recreational facilities. According to respondent comments, a significant topic of concern was the care and maintenance of the existing facilities. Respondents expressed dissatisfaction with the conditions of playground equipment, tennis courts, base ball and softball fields. The respondents indicated that some of these areas had fallen into disrepair. Concerns of perceived cleanliness, trash removal and the lack of public restroom facilities were also noted. Another topic of concern was the perceived lack of public information regarding recreational activities and facilities. Some respondents were not aware of the various facilities and their locations within the City. Lastly, there were a number of responses requesting the City provide more supervised summer recreational programs. Based on the responses and comments from the survey it appears that Haverhill provides the appropriate recreational facilities but should increase its’ efforts to maintain them. A well-defined maintenance plan and schedule, along with public information announcements concerning programs and facilities is highly recommended by the citizens.

### **Recreation Department Priorities, 2016 *(In Order of Importance)***

*Soccer Fields* - Due to increased popularity/ participation in sport, additional fields are needed.

*Restroom Facilities* – Facilities are needed at all fields and an additional facility at Riverside Park. Restroom maintenance responsibility needs to be assigned.

*Running/ Fitness Track* – The running/ fitness trail at Winnekenni Park needs to be regularly maintained.

*Neighborhood Playgrounds* - Playgrounds in outlying areas are noticeably absent. Areas in need include: Ayers Village, Rocks Village, and Bradford.

*Play Lots/ Tot Lots* - Children’s play area and equipment are needed at Cashman Field and Plug Pond.

*Baseball Fields* - If the population continues to increase and more youth wish to participate, more fields will be needed.

### **School Department Priorities, 2016 *(In Order of Importance)***

*Haverhill High School/Stadium* - Addition of a softball field necessary to meet Title IX requirements.

*Haverhill High School* - Develop fields to ensure drainage. Additional irrigation is needed. One varsity field with artificial turf would alleviate some of the scheduling constraints.

*Tilton Elementary School* - Gymnasium size and age is inadequate. Gymnasium is roughly 1800 square feet, which is not equitable to other school facilities. New construction would be necessary.

*Whittier Middle School* - Develop fields to ensure drainage. Irrigation should be looked at. Basketball courts should be renovated for proper grade. Gymnasium was built in 1957; needs renovation of bleachers, fixtures, and equipment.

*Consentino School* – Irrigation needed on playing fields to maintain safe playing surfaces. Gymnasium original to building; bleachers, fixtures and equipment need to be updated.

### **Statewide Comprehensive Outdoor Recreation Plan**

The Statewide Comprehensive Outdoor Recreation Plan (SCORP), and For Our Common Good, identified regional open space and recreation needs, local planning issues, and outlined recommendations for Northeastern Massachusetts, including Haverhill.

Recreation deficiencies in the northeastern region identified in SCORP include tennis, boating, fishing, and golf. Facility dissatisfaction was also noted for field-based activities, hiking, cross-country skiing, and picnicking.

The top five local planning issues in order of importance for the northeastern region are: maintenance of recreation facilities; acquisition and protection of recreation facilities; expansion of water-based recreation facilities; liability issues; and, acquisition and protection of scenic areas. Other high priority issues include: development and expansion of trail corridors; acquisition and protection of cultural areas; acquisition and protection of wildlife habitat areas; development and expansion of handicapped access; access to inland waterways; and, the provision of recreational day care programs.

These findings by the state are a reflection of the issues addressed by the residents of the City of Haverhill in the public survey performed during the spring of 2016. The survey found that the respondents had the same concerns.

## **SCORP 2012**

The four goals of the Massachusetts 2012 SCORP are:

1. *Increasing the availability of all types of trails for recreation.*

The City of Haverhill has an ongoing commitment towards the development and enhancement of its trails. The local, civic group Haverhill Trails Volunteers has done an outstanding job maintaining wooded trail areas. The addition of a walking path at Swasey Field and the installation of benches along the mile long pathway at Riverside Park have enhanced the walking experience for our elders and disabled population.

The City's Human Services Department always strives to provide recreational opportunities for our seniors and the disabled populations. Our Human Services Director serves as the Council on Aging Director, Recreation Director, and ADA Coordinator. He has received the Distinguished Service Award from the ARC of Northern Essex and the ADA Champion Award from the Northeast Independent Living Programs.

2. *Increasing the availability of water-based recreation.*

Water based recreation is another ongoing commitment by the City. Haverhill has added handicapped-accessible fishing areas to some of our ponds. After hearing from elders for the need of shade, the City added shade to our local swimming area at Lake Saltonstall.

The addition of a splash pad at Swasey Field has been a tremendous addition to our parks programming. This handicapped-accessible pad and picnic area has seen an increase in grandparents enjoying water play with their grandchildren. The City's Recreation Department has made the area available to the school system's special needs population for field trips.

3. *Invest in recreation and conservation areas that are close to home for short visits.*

Haverhill has many neighborhood parks and recreational areas that are within walking distances. Some of our larger facilities are on the local bus route or serviced by the taxi companies. It is not unusual for a senior to take a cab and enjoy the day at the local swimming / picnic area. The City has taxi vouchers readily available for people who cannot afford a cab.

4. *Invest in racially, economically, and age diverse neighborhoods given their projected increase in participation in outdoor recreation.*

Another ongoing commitment has been the City of Haverhill's investment in diverse neighborhoods. G.A.R. Park, Swasey Field, Cashman's Field, and 12<sup>th</sup> Avenue Playground have all received upgrades in recent years. Each of these parks is within the CBDG Area and Environmental Justice Area.

Recently, the City added a senior softball league at Riverside Park. This over-50 league is quite competitive with ages ranging 57 to 81 years of age. With nearly 300 players forming this six-team league, Haverhill is "on the map" as the place seniors come to play!

### *C. Management Needs, Potential Change of Use*

As with the 2007 survey, the most consistent response to the 2016 Community Vision Survey may be the concern over the maintenance and upgrade of existing facilities. Other common needs revealed by the survey are the needs to increase public outreach and education on the recreational opportunities available; improve safety and security; protect our natural resources.

Both insufficient maintenance and public outreach point towards a need for improved management of the City's parks and open spaces. With regard to maintenance and improvements, the City has a Parks Division of the Department of Public Works and a Recreation Department that perform various duties. These efforts are supplemented by maintenance activities performed by individual athletic leagues, as well as civic groups, such as the Haverhill Trails Committee, the New England Mountain Bike Association, and Team Haverhill.

The opportunity exists to take more of a unified "Haverhill Parks System" approach to this issue. Such an approach could entail the Parks Division of Public Works serving in both a managerial and maintenance role. Just as the Highway Division developed a pavement management plan to identify immediate needs and forecast future concerns, the Parks Division could do the same for the City's open space lands and recreational facilities. The City should work towards the development of a sustainable routine maintenance plan with funding for existing facilities and the development of a 5-year improvements plan with projections for future needs. The desire is that improved management would lead to improved efficiency, increasing the level of maintenance and

allowing the Recreation Department and the civic groups a greater opportunity to promote public outreach, education, programming, and volunteerism.

There is also opportunity for improvement in the City's structure for reviewing and managing open space and recreation opportunities. There continues to be good communication among the various municipal boards - Planning Board, Conservation Commission, Zoning Board of Appeals, and the City Council Natural Resources and Public Property Subcommittee. However, the City should consider the codification of an "Open Space and Recreation Planning Committee" to:

- Act as a City-wide steering committee to implement and regularly update the Open Space and Recreation Plan;
- Coordinate open space and recreation efforts with the municipal boards;
- Liaison with the Parks Division, the Recreation Department, the Haverhill Stadium Commission, and the City's many civic groups;
- Increase public outreach and education;
- Improving the City's acquisition and protection of lands of open space and recreation interest;
- Review and provide input on proposed large developments, both residential and commercial;
- Review and provide input on proposed Chapter land releases; and
- Identify and pursue grant funding to meet the City's open space and recreation needs.

### **Recent Developments**

There are currently a number of opportunities that could provide **Bradford** with more recreation resources and an extended link to downtown Haverhill.

### **Bradford Rail Trail**

The City acquired a section of abandoned rail corridor land along the Bradford side of the Merrimack River, between the Comeau and Basiliere Bridges. With funding assistance from the Massachusetts Department of Transportation, a trail system was developed across this land and opened to the public in 2017. The trail provides a walking loop between Bradford and the downtown area via the new Comeau Bridge, the downtown Riverwalk and new Boardwalk Projects, and the Basiliere Bridge. The development of this trail system could lead to the long-term possibility that Haverhill could tie in to the Border-To-Boston Trail.

Figure 7. Border to Boston Trail



Source: Essex National Heritage Area

### **Haverhill Municipal Landfill**

The Haverhill Municipal Landfill site is a 71-acre former industrial and municipal landfill located off of Groveland Road, on the right bank of the Merrimack River. The landfill is southeast of downtown Haverhill, near the Groveland town line, with portions of the land owned by the City and by Aggregate Industries, Inc. Capping of the southern mound of the landfill is complete. Capping of the northern mound of the landfill is in the design and permitting stage. This northern mound presents an opportunity for public access to the Merrimack River.

### **Hales Landing**

The City acquired two parcels of open space as part of this recently completed cluster residential development. The first is a 5-acre parcel located on the right bank of the Merrimack River. The second is an adjacent 20-acre parcel that consists of mostly woodland that leads down to the riverfront parcel, but also abuts the Haverhill Municipal Landfill and provides connectivity to the Bradford Rail corridor.

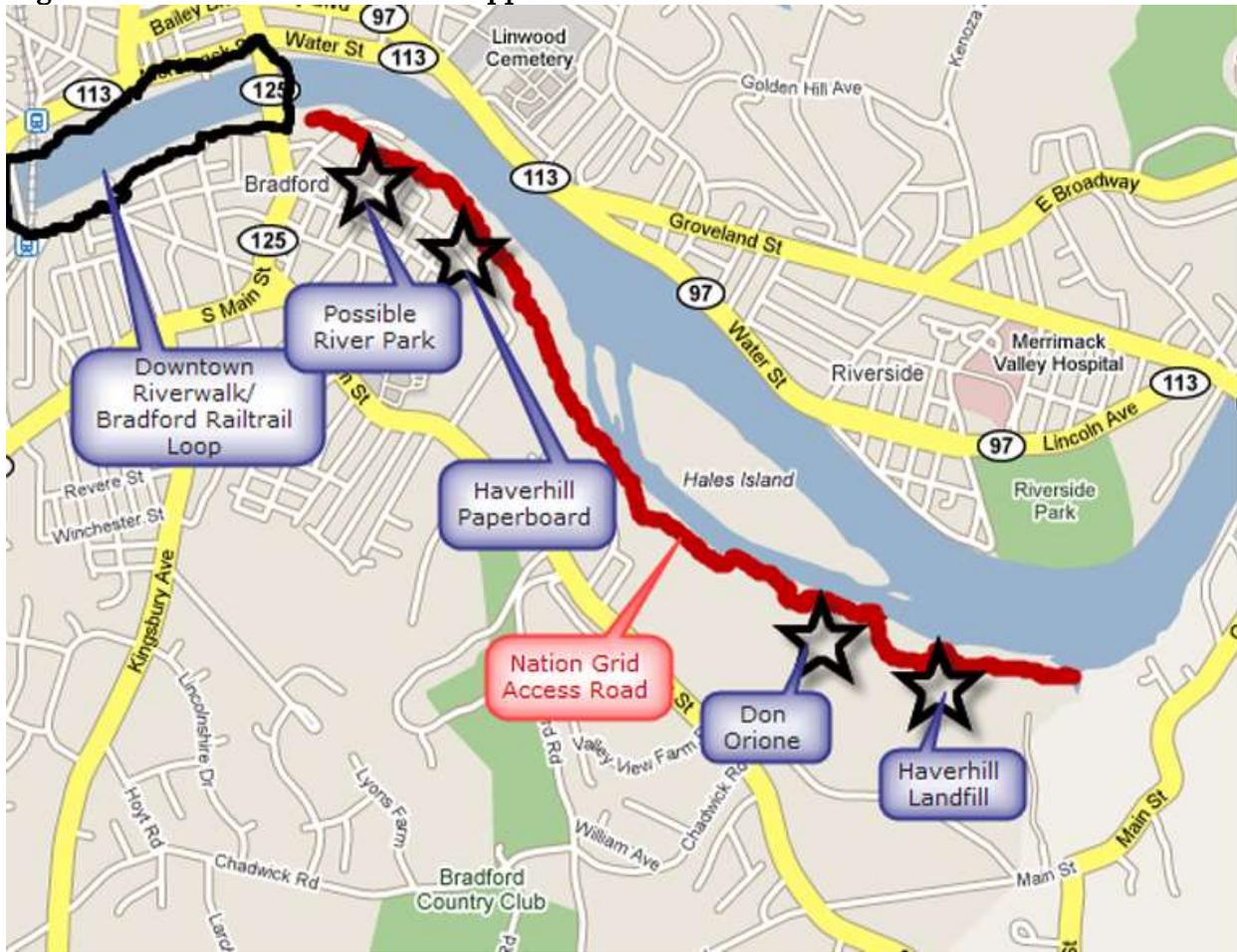
### **Former Haverhill Paperboard Company Property**

This company was a Haverhill business for more than 100 years. The property was sold in 2011 to a private developer, who later demolished the site's structures. The property has since been re-sold and awaits a redevelopment plan. The property consists of about 58 acres with frontage along the Merrimack River, a baseball field, and connectivity to the Bradford Rail corridor. The National Grid Access Road, noted in the figure below, ends at this property.

### **National Grid Access Road (Former Bradford-Georgetown Rail Corridor)**

Proceeding along the Merrimack River, this parcel could be used as the linear connection for the above four components. The road continues to Groveland and Georgetown.

Figure 5. Bradford Recreational Opportunities



Source: Larry Olasky, former Open Space and Planning Committee Member

## Section VIII

### Goals and Objectives

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A first step toward developing specific guidelines for a five-year program of action on open space and recreation for Haverhill is to develop general goals and objectives. In large part, the goals and objectives discussed here have been derived from those stated in the 2008-2015 Open Space and Recreation Plan and 2016 Community Vision Survey. They also reflect the current fiscal constraints facing the City. Much interest has been recently focused on maintenance, controlling development, protecting water quality, and developing a Merrimack River access plan. Other areas of interest include preserving the character of the City, developing passive recreation areas and increasing public awareness/environmental education.

During the 2008-2015 Plan cycle, the City made significant progress towards addressing the Plan's Goals and Objectives. The following self-assessment outlines the City's accomplishments, as well as its areas of continued need.

*Goal 1: Codify the Open Space and Recreation Planning Committee* - In 2012, the City updated its Code to expand the role of the Recreation Commission to include Parks and Playgrounds. The Mayor recently appointed a number of new members to this Commission. The City should consider directing additional attention towards creating a standing-Committee.

*Goal 2: Coordinate open space and recreation efforts with other organizations within the City* - The City continues to strive for cooperative improvements with other organizations. Recent examples include renovations of the Portland Street Playground in cooperation with Team Haverhill, a local non-profit, and ongoing renovations to Haverhill Stadium in cooperation with the Haverhill Stadium Commission.

*Goal 3: Keep it clean!* - The redevelopment of Haverhill's downtown has spurred civic pride to levels not seen, perhaps, in decades. Improvements to the City's parks and the plantings of hundreds of street trees in recent years support this pride. The City installed new composting toilet facilities at the highly-used Riverside Park and at two of its most urban parks – Swasey Field and Cashman Park. Additional facilities have been considered for the City's largest conservation area – Winnekenni Park – where additional bathroom improvements have been made to the existing facility at the main entrance.

*Goal 4: Improve public property maintenance and facility management* - The City established a Forest Management Committee in 2009 and tasked it with developing management goals for its forests. The Committee and its forestry consultant have since completed management plans for 1,791 acres of municipal forest, placing 1,620 of this acres into long-term stewardship plans. The City has successfully conducted

three management harvests, with additional harvests in the planning stage. Objectives A and B – developing sustainable routine maintenance plans with funding for existing facilities and developing 5-year improvements plans with projections for future needs - are regularly targeted by the City’s Recreation Department, in conjunction with the Mayor’s Office.

*Goal 5: Increase public outreach and education* - The City’s new website dedicates pages towards promoting its conservation areas. These pages include new maps, photos, and other pertinent information. Signage used in conservation areas is standardized. During the 2008-2015 plan period, the City developed standardized signage to promote its five “Cultural Treasures” – Buttonwoods Museum, Haverhill Firefighters’ Museum, Tattersall Farm, Whittier’s Birthplace, and Winnekenni Park. The City should consider directing additional efforts towards accomplishing Objectives D and E - developing a working relationship with the City’s school department to relate environmental curriculum to areas of local interest and promoting the development of new programs and the expansion of existing programs regarding lectures, pamphlets, and guided walks concerning the local culture, heritage, and environment.

*Goal 6: Improve the City’s acquisition and protection of lands of open space and recreation interest* - The City has regularly partnered with the Essex County Greenbelt Association to achieve its open space protection goals. However, a financial mechanism, such as the Community Preservation Act, has not been adopted. The Haverhill Water Department is working with an environmental consultant to improve the Watershed Protection Overlay District Ordinance and is currently working towards an important parcel acquisition in partnership with Greenbelt. Objective D - improving creation, continuity, and protection of greenbelt corridors - is always considered in open space protection. The City recently obtained 40+ acres of watershed open space, on two abutting parcels, in an effort towards improving continuity between neighboring conservation areas – Crystal Gorge and Crystal Shores. The City’s GIS data includes a new private/public open space layer. The City has supported Greenbelt’s outreach efforts relative to Objective G - providing private landowners with information (e.g. workshops, newsletters, brochures...) on the benefits of permanent land protection and land donation.

*Goal 7: Enhance and increase open space and recreation opportunities available to the public* - The City secured MassWorks funding to install a boardwalk on its downtown seawall to increase the public’s interaction with the Merrimack River. New docks were proposed to be installed off the boardwalk. During the 2008-2015 plan period, a new dock system with an ADA-compliant ramp was installed along the new Washington Street boardwalk in the heart of downtown. To improve boat access to the Merrimack, the Commonwealth’s Office of Fishing and Boating Access funded the reconstruction of the public boat launch adjacent to the Crescent Yacht Club. This project led to the development of the George Washington Landing Playground adjacent to the new launch, further enhancing the public’s connection to the river. In 2015 the City and the FBA reviewed the car-top boat launch in

Riverside Park with an eye towards renovations. The City has rezoned many of its downtown areas, along the Merrimack River, with the intent of connecting new developments and their users to the river. If not traditional “green space”, the City has pursued view corridors with sitelines to the river, public access and gathering areas along the river, and trail connections to the Merrimack River Trail while reviewing its numerous downtown projects. Local bicycle enthusiasts have developed “fat bike” racing events at Winnekenni park over the past two winters and interest in mountain biking is being expanded into the school system. The City completed a new Accessibility Evaluation in 2012 to aid in planning accessibility improvements.

*Goal 8: Promote sustainable development within the City* - The City has applied Smart Growth principles to its downtown zoning. A current focus of the Mayor’s Office is to enhance Haverhill as a “walkable city”. The City’s zoning review subcommittee is currently working towards improvements to the Zoning Code that will facilitate the adoption of additional principles.

*Goal 9: Improve the City’s heritage preservation and protection of historic resources* - A new street tree ordinance is in the draft stage, while consideration should be given towards achieving this goal in the next plan period.

*Goal 10: Promote the preservation of the City’s agricultural resource* - Haverhill’s Farmers’ Market was resurrected during the 2008-2015 plan period and has proven to be a tremendous success. The community’s support of the local farmers and artisans each Saturday underscores their importance in our heritage and culture. The City has worked with Greenbelt to protect the old Bailey Farm on Kingsbury Avenue and there, currently, is renewed interest in farming the property once again. Consideration should be given towards achieving Objectives C and D - exploring the formation of an Agricultural Commission and exploring the adoption of a “Right to Farm” ordinance in the next plan period.

The following open space and recreation goals and objectives have been updated as a result from the current identified community needs and progress towards meeting the 2008 goals and objectives that remain valid today. While many of the themes remain the same, specific objectives have been updated to reflect the City’s progress and latest needs. In general, "goals" are long-range priorities and "objectives" are short-range tasks to meet the intentions of the goal. The actual prioritization of goals/objectives are determined in the five-year action plan (Section IX) based upon identified community needs (Section VII). In general the shared open space and recreation goals of the Conservation, Recreation, and School Departments include:

- Facility maintenance and upkeep,
- Land acquisition for additional recreational open spaces,
- Better communication of resources to the public,
- Increased environmental education, and
- Development of City parcels for open space and recreation needs.

**Goal 1: Codify the Open Space and Recreation Planning Committee**

**Objective A:** Empower the Open Space and Recreation Planning Committee as a City-wide steering committee to implement the Open Space and Recreation Plan

**Objective B:** Establish the members of the Open Space and Recreation Planning Committee to include representatives from the general public appointed by the Mayor. Include one member each from the Conservation Commission, Recreation Commission, and Planning Board, to be selected by each of the respective boards

**Goal 2: Coordinate open space and recreation efforts with other organizations within the City**

**Objective A:** Identify open space and recreation partners of the Committee and designate Committee members to serve as liaisons to these partner organizations (e.g. Haverhill Stadium Commission, City Council Natural Resources and Public Buildings Subcommittee, Haverhill athletic leagues...)

**Goal 3: Safety and Security**

**Objective A:** Increase police presence and the number of security cameras and lighting at the City's parks

**Objective B:** Eliminate graffiti, vandalism, and litter from the City's public spaces and encourage civic pride and responsibility

**Objective C:** Increase the number of public restrooms available at the City's recreation areas

**Objective D:** Increase safe and convenient parking opportunities, especially at Winnekenni Park Conservation Area

**Objective E:** Increase number of benches and shade tree plantings

**Goal 4: Improve public property maintenance and facility management**

**Objective A:** Annually develop/update a sustainable routine maintenance plan with funding for existing facilities

**Objective B:** Annually develop/update a 5-year improvements plan with projections for future needs

**Objective C:** Continue to manage the City’s public forest lands

**Goal 5:** Improve public outreach and education

**Objective A:** Unify and promote one “Haverhill Park System” including all conservation areas, trails, parks, and playgrounds

**Objective B:** Improve information available on the City’s website for parks and playgrounds to be consistent with that provided for conservation areas and trails

**Objective C:** Improve and standardize open space and recreation signage throughout the City for the “Haverhill Park System”

**Objective D:** Promote public awareness of the Committee’s goals

**Objective E:** Develop a working relationship with the City’s school department to relate environmental curriculum to areas of local interest

**Objective F:** Promote the development of new programs and the expansion of existing programs regarding lectures, pamphlets, and guided walks concerning the local culture, heritage, and environment

**Goal 6:** Acquire and protect lands of open space and recreation interest

**Objective A:** Continue to develop the established partnership with Essex County Greenbelt Association

**Objective B:** Establish a financial mechanism to support this goal, such as the establishment of an open space and recreation fee or land donation requirement for new development

**Objective C:** Continue to improve protection of watershed lands through regulation and acquisition

**Objective D:** Continue to improve creation, continuity, and protection of greenbelt corridors

**Objective E:** Maintain mapping of open space and recreation parcels; identify and evaluate their levels of “protection” (e.g. covenants, easements, restrictions...)

**Objective F:** Continue to identify privately owned parcels of open space and recreation interest

**Objective G:** Continue to work with Greenbelt to identify and provide private landowners with information (e.g. workshops, newsletters, brochures...) on the benefits of permanent land protection and land donation

**Goal 7:** Improve open space and recreation opportunities available to the public

**Objective A:** Increase pedestrian and boat access to the Merrimack River; improve the car-top launch in Riverside Park

**Objective B:** Create pedestrian and boat access opportunities along the Little River

**Objective C:** Increase the amount of “green space” in the downtown area to support its new residential growth; expand upon the new public spaces provided by the Boardwalk and Riverwalk projects

**Objective D:** Redevelop network of bicycling and jogging routes throughout the City; continue to work with civic groups, such as the New England Mountain Bike Association, to increase bicycling opportunities and events

**Objective E:** Continue to improve handicapped accessibility and opportunities at public facilities and parks

**Goal 8:** Promote sustainable development within the City

**Objective A:** Use the Zoning Review Subcommittee’s efforts as an opportunity to adopt and promote the Commonwealth’s “Sustainable Development Principles”, encouraging “planning and development that protects land, promotes social and economic health, conserves energy and resources, and meets the needs of our residents”

**Objective B:** Include the Open Space and Recreation Planning Committee as a commenting party in the review of chapter-land releases, proposed large residential developments, and proposed large commercial/industrial projects

**Goal 9:** Improve the City’s heritage preservation and protection of historic resources

**Objective A:** Map unique landscape and habitat features and scenic, historic, and cultural resources; identify and evaluate their levels of “protection” (e.g. covenants, easements, restrictions...)

**Objective B:** Finalize the adoption of a street tree ordinance

**Objective C:** Develop and adopt ordinances protecting the City’s scenic roads and hilltops

**Goal 10:** Promote the preservation of the City’s agricultural resources

**Objective A:** Promote farmland being placed under the State’s Agricultural Preservation Restriction program or the City’s chapter-land (Chapters 61 and 61A) programs

**Objective B:** Promote local agriculture and forestry; promote local community gardens, such as those at the City’s Tattersall Farm

**Objective C:** Establish an Agricultural Commission

**Objective D:** Draft and adopt a “Right to Farm” ordinance

## Section IX

### Seven-Year Action Plan

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The Seven-Year Action Program translates the City's needs and its goals and objectives of the previous two chapters into specific recommended actions within a suggested time frame. The current financial constraints at the federal, state and local level inhibit the ability of the City to meet all of the open space and recreation goals and objectives. To adequately meet the City's needs over the next few years a financially realistic open space and recreation plan needs to be adopted. Community support from local businesses, civic groups, and other organizations need to be encouraged to support and assist the City in meeting the open space and recreation goals and objectives.

These initiatives are based on a strategy of priorities matched to the realities of Haverhill's ability to move along this course. A program of this kind is valuable because it gives the Mayor, the City Council, and other City bodies and officials an overview of what needs to be done, and a timetable for implementation (see Table 23). Thus, the time frame is only suggestive and should be reviewed and modified at the end of each year on the basis of actual performance. The time frame also reflects long-range and short-range priorities of the City. A suggested time sequence over the five years covered by this plan is indicated for the individual actions identified in the following pages. The placement represents the consensus of the bodies most directly concerned.

**Table 22. Seven-Year Action Program: Implementation Responsibilities and Schedule**

Goals	Objectives	Actions	Schedule	Funding	Responsible Party
1. Codify the Open Space and Recreation Planning Committee (OSRPC)	A. Empower the Open Space and Recreation Planning Committee as a City-wide steering committee to implement the Open Space and Recreation Plan	-Draft a City Ordinance to empower the Committee and outline responsibilities -Submit the ordinance to the City Solicitor and Mayor for approval -File the ordinance with City Council for adoption	Fall 2017  Winter 2017  Spring 2018	Local	HCD
	B. Establish the members of the Open Space and Recreation Planning Committee to include representatives from the general public appointed by the Mayor. Include one member each from the Conservation Commission, Recreation Commission, and Planning Board, to be selected by each of the respective boards	Identify member language in the draft ordinance	Summer 2018	Local	HCD
2. Coordinate open space and recreation efforts with other organizations within the City	A. Identify open space and recreation partners of the Committee and designate Committee members to serve as liaisons to these partner organizations (e.g. Haverhill Stadium Commission, City Council Natural Resources and Public Buildings Subcommittee, Haverhill athletic leagues...)	-Identify and make contact with partner organizations	Summer 2018	Local	OSRPC
3. Safety and Security	A. Increase police presence and the number of security cameras and lighting at the City's parks	-Identify locations and schedule accordingly	Fall 2016	Local PARC	Mayor HPD
		-Analyze area infrastructure	Fall 2016		

Goals	Objectives	Actions	Schedule	Funding	Responsible Party
	<p><b>B.</b> Eliminate graffiti, vandalism, and litter from the City’s public spaces and encourage civic pride and responsibility</p> <p><b>C.</b> Increase the number of public restrooms available at the City’s recreation areas</p> <p><b>D.</b> Increase safe and convenient parking opportunities, especially at Winnekenni Park Conservation Area</p> <p><b>E.</b> Increase number of benches and shade tree plantings</p>	<p>-Identify problem spots -Establish partnerships with public service groups, such as the Boy Scouts</p> <p>-Inventory facilities and prioritize needs -Determine funding requirements for needs -Pursue partnerships with recreational organizations where common needs may be met -At minimum, install new facilities at Riverside Park &amp; Winnekenni Park CA</p> <p>-Evaluate needs at each park, pond, river access -Evaluate &amp; prioritize design options</p> <p>-Prioritize locations -Pursue partnerships with civic organizations</p>	<p>Ongoing Ongoing</p> <p>Ongoing</p> <p>Ongoing</p> <p>R-Spring 2017; W-Spring 2018</p> <p>Summer 2017</p> <p>Summer 2017</p>	<p>Local</p> <p>Local PARC</p> <p>Local PARC LWCF TIP</p> <p>Local PARC LWCF NGPC UCF</p>	<p>OSRPC HPD</p> <p>OSRPC HRD</p> <p>OSRPC HCD HRD</p> <p>OSRPC HDPW HRD</p>
<p><b>4.</b> Improve public property maintenance and facility management</p>	<p><b>A.</b> Annually develop/update a sustainable routine maintenance plan with funding for existing facilities</p>	<p>-Reinventory lands &amp; facilities -Update assessments of site conditions -Identify necessary maintenance &amp; improvements -Determine resources required, including</p>	<p>Spring - Fall 2018</p>	<p>Local</p>	<p>OSRPC HDPW HCD HRD</p>

Goals	Objectives	Actions	Schedule	Funding	Responsible Party
	<p><b>B.</b> Annually develop/update a 5-year improvements plan with projections for future needs</p> <p><b>C.</b> Continue to manage the City’s public forest lands</p>	<p>manpower, equipment, and funding -Maintain sustainable plan</p> <p>-With the maintenance plan as a basis, identify future needs -Develop an improvements plan that includes scheduling, funding, new maintenance needs, etc.</p> <p>-Forest Management Committee to prioritize management recommendations of approved Forest Stewardship Plans -Pursue the development of Forest Cutting Plans for parcels in need of current management -Implement Cutting Plans</p>	<p>Winter 2018 - Spring 2019</p> <p>Ongoing</p>	<p>Local LWCF LAND PARC</p> <p>Local FS</p>	<p>OSRPC HDPW HCD HRD</p> <p>HFMC</p>
<p><b>5.</b> Improve public outreach and education</p>	<p><b>A.</b> Unify and promote one “Haverhill Park System” including all conservation areas, trails, parks, and playgrounds</p> <p><b>B.</b> Improve information available on the City’s website for parks and playgrounds to be consistent with that provided for conservation areas and trails</p>	<p>-Identify locations to be included in System -Begin clear, cohesive, &amp; uniform promotion of System</p> <p>-Create new “Haverhill Park System” webpages to implement Objective 5A -Create online map identifying the System ; providing details on the individual areas; and</p>	<p>Fall 2016</p> <p>Winter 2016 - Spring 2017</p>	<p>Local</p> <p>Local</p>	<p>Mayor OSRPC HCD HRD</p> <p>OSRPC HCD HRD Haverhill IT Dept.</p>

Goals	Objectives	Actions	Schedule	Funding	Responsible Party
	<b>C. Improve and standardize open space and recreation signage throughout the City for the “Haverhill Park System”</b>	<p>Creating links to OSR opportunities in the City</p> <ul style="list-style-type: none"> <li>-Identify and prioritize facilities and signage locations</li> <li>-Coordinate with other City signage efforts</li> <li>-Determine funding requirements for needs</li> <li>-Investigate grant funding possibilities</li> <li>-Pursue partnerships with organizations where common needs may be met (e.g. Adopt-a-Park participants)</li> <li>-Install signage</li> </ul>	Spring 2017 - Summer 2018	Local ENHA LWCF PARC	OSRPC HCD HDPW HRD
	<b>D. Promote public awareness of the Committee’s goals</b>	<ul style="list-style-type: none"> <li>-Make better use of City’s website – see Objective 5A</li> <li>-Promote City’s resources through social media and local newspapers</li> <li>-Work with partners identified in Goal 2</li> </ul>	Fall 2016	Local	OSRPC HCD HRD IT Dept.
	<b>E. Develop a working relationship with the City’s school department to relate environmental curriculum to areas of local interest</b>	<ul style="list-style-type: none"> <li>-Meet with Curriculum Coordinator to discuss target age levels, programs, and staff members</li> </ul>	Summer 2018	Local	OSRPC
	<b>F. Promote the development of new programs and the expansion of existing programs regarding lectures, pamphlets, and guided</b>	<ul style="list-style-type: none"> <li>-Inventory existing programs and identify organizers</li> <li>-Review programs in</li> </ul>	Summer 2018  Summer	Local	OSRPC HRD

Goals	Objectives	Actions	Schedule	Funding	Responsible Party
	walks concerning the local culture, heritage, and environment	surrounding communities -Identify any missing elements in our community	2018 Summer 2018		
<b>6.</b> Acquire and protect lands of open space and recreation interest	<b>A.</b> Continue to develop the established partnership with Essex County Greenbelt Association	- Continue to develop the established partnership with Greenbelt	Ongoing	Local	OSRPC HCD
	<b>B.</b> Establish a financial mechanism to support this goal, such as the establishment of an open space and recreation fee or land donation requirement for new development	-Explore traditional options such as the use of municipal funds, grant funding, passage of the CPA, and donations -Explore legality of modifying appropriate municipal ordinances and regulations to require payment of an OSR fee or donation of land for new development projects	Fall 2016 - Fall 2017	Local	Mayor OSRPC
	<b>C.</b> Continue to improve protection of watershed lands through regulation and acquisition	-Update City's Watershed Protection Overlay District Ordinance -Reidentify and prioritize watershed parcels of interest – see Objective 6F	Summer - Fall 2016	Local	Mayor OSRPC HZRS
	<b>D.</b> Continue to improve creation, continuity, and protection of greenbelt corridors	-Identify possible funding sources and/or partnerships with educational institutions for conducting a wildlife habitat analysis of the City	Fall 2016 - Fall 2017  Spring - Fall 2019	Local	Mayor HDPW OSRPC HDPW OSRPC
			Spring 2019	Local	OSRPC HCD

Goals	Objectives	Actions	Schedule	Funding	Responsible Party
		-Identify and prioritize habitat parcels of interest – see Objective 6F	Summer 2019	Local	OSRPC HCD
	<b>E.</b> Maintain mapping of open space and recreation parcels; identify and evaluate their levels of “protection” (e.g. covenants, easements, restrictions...)	-Maintain City’s GIS mapping data for OSR parcels	Ongoing	Local	OSRPC HDPW
		-Identify levels of parcel protection for representation in mapping	Spring 2020	Local	OSRPC
		-Evaluate levels of parcel protection and determine actions for improving protection of appropriate parcels	Summer 2020	Local	OSRPC
	<b>F.</b> Continue to identify privately owned parcels of open space and recreation interest	-Update list of parcel attributes relative to open space and recreational importance -Apply updated attributes to parcels to reidentify and reprioritize parcels of OSR interest	Following Completion of Objective 6E	Local	OSRPC
	<b>G.</b> Continue to work with Greenbelt to identify and provide private landowners with information (e.g. workshops, newsletters, brochures...) on the benefits of permanent land protection and land donation	-Consult with the MA Division of Conservation Services, ECGA, and similar organizations to develop a benefits brochure that may be included in a mailing of real estate tax bills	Following Completion of Objective 6F	Local ECGA	OSRPC
		-Update the City’s website to include links to additional resources	Winter 2016 - Spring 2017	Local	OSRPC Haverhill IT Dept.

Goals	Objectives	Actions	Schedule	Funding	Responsible Party
7. Improve open space and recreation opportunities available to the public	<b>A.</b> Increase pedestrian and boat access to the Merrimack River; improve the car-top launch in Riverside Park	-Evaluate current access points and lands with potential for new access -Prioritize opportunities -Identify possible funding sources to meet objective	Ongoing; Car-top Summer 2018	Local PARC LAND LWCF FBA	OSRPC HRD
	<b>B.</b> Create pedestrian and boat access opportunities along the Little River	-Evaluate and prioritize access opportunities -Identify possible funding sources to meet objective	Winter 2018 – Spring 2019	Local PARC LAND LWCF FBA	OSRPC HRD
	<b>C.</b> Increase the amount of “green space” in the downtown area to support its new residential growth; expand upon the new public spaces provided by the Boardwalk and Riverwalk projects	-Evaluate current green/open space in the downtown area -Prioritize green/open space needs -Identify possible funding sources to meet objective	Spring 2017	Local LWCF LAND PARC TIP	OSRPC HDPW
	<b>D.</b> Redevelop network of bicycling and jogging routes throughout the City; continue to work with civic groups, such as the New England Mountain Bike Association, to increase bicycling opportunities and events	-Grow partnership with NEMBA and identify new partners in the bicycling and jogging communities -Establish a task force (“Bike Haverhill”) -Research original network and program -Assess current needs and develop a new program -Identify possible funding sources to meet objective	Fall 2016 – Spring 2017	Local RTG PARC LWCF TIP	OSRPC Bike Haverhill
	<b>E.</b> Continue to improve handicapped accessibility and opportunities at	-Using current facility inventories and 2012-2017	Fall 2016- Spring 2017	Local LWCF	OSRPC HRD

Goals	Objectives	Actions	Schedule	Funding	Responsible Party
	public facilities and parks	ADA Self Evaluation, identify facilities and parks that require repair of existing provisions -Identify facilities and parks within the City that lack acceptable accessibility and provisions and develop an improvements plan with a budget -Identify possible funding sources to meet objective		PARC LWCF	HDPW
8. Promote sustainable development within the City	A. Use the Zoning Review Subcommittee’s efforts as an opportunity to adopt and promote the Commonwealth’s “Sustainable Development Principles”, encouraging “planning and development that protects land, promotes social and economic health, conserves energy and resources, and meets the needs of our residents”	- Use the Zoning Review Subcommittee’s efforts as an opportunity to adopt and promote the Commonwealth’s “Sustainable Development Principles”	Ongoing	Local	OSRPC HZRS
	B. Include the Open Space and Recreation Planning Committee as a commenting party in the review of chapter-land releases, proposed large residential developments, and proposed large commercial/industrial projects	-Contact appropriate municipal department representatives to discuss associated procedural matters	Summer 2018	Local	OSRPC
9. Improve the City’s heritage preservation and protection of historic resources	A. Map unique landscape and habitat features and scenic, historic, and cultural resources; identify and evaluate their levels of “protection” (e.g. covenants, easements,	-Map parcels for use with the City’s GIS system and the MassGIS program -Identify levels of parcel protection for representation	Begin Fall 2019	Local	OSRPC HDPW

Goals	Objectives	Actions	Schedule	Funding	Responsible Party
	restrictions...)  <b>B.</b> Finalize the adoption of a street tree ordinance  <b>C.</b> Develop and adopt ordinances protecting the City's scenic roads and hilltops	in mapping -Evaluate levels of parcel protection and determine actions for improving protection of appropriate parcels  -Finalize draft ordinance -Submit the ordinance to the City Solicitor and Mayor for approval -File the ordinance with City Council for adoption  -Work with the City's Planning Department to draft ordinances -Submit the ordinances to the City Solicitor and Mayor for approval -File the ordinances with City Council for adoption	Fall 2019 – Winter 2020  Fall 2019 – Winter 2020	Local  Local	OSRPC HFMC HDPW  OSRPC HDPW
<b>10.</b> Promote the preservation of the City's agricultural resources	<b>A.</b> Promote farmland being placed under the State's Agricultural Preservation Restriction program or the City's chapter-land (Chapters 61 and 61A) programs  <b>B.</b> Promote local agriculture and forestry; promote local community gardens, such as those at the City's Tattersall Farm  <b>C.</b> Establish an Agricultural Commission	-Promote with the action items of Objective 6G  Promote with the action items of Objective 5D  -Consult with MDAR, local farmers, and other communities on the benefits	Following Completion of Objective 6F  Winter 2016  Fall 2020 – Winter 2021	Local ECGA  Local  Local	OSRPC  OSRPC  Mayor OSRPC

Goals	Objectives	Actions	Schedule	Funding	Responsible Party
	D. Draft and adopt a “Right to Farm” ordinance	<p>of a commission</p> <p>-Draft and file ordinance for approval by the Mayor &amp; City Council</p> <p>-If determined to be a significant benefit to the City and its farmers, pursue adoption similar to Objectives 9B &amp; 9C</p>	Fall 2020 – Winter 2021	Local	OSRPC

Table Abbreviations:

- CPA – Community Preservation Act
- DCR – Massachusetts Department of Conservation and Recreation
- DCS – Massachusetts Division of Conservation Services
- ECGA – Essex County Greenbelt Association
- ENHA – Essex National Heritage Area (and Essex Heritage Partnership Grant Program)
- FBA – Massachusetts Department of Fish & Game Office of Fishing and Boating Access
- FS – Forest Stewardship Planning Grants for Private and Town Forestlands (DCR)
- HCD – Haverhill Conservation Department
- HDPW – Haverhill Department of Public Works
- HFMC – Haverhill Forest Management Committee
- HPD – Haverhill Police Department
- HRD – Haverhill Recreation Department
- HZRS – Haverhill Zoning Review Subcommittee
- LAND – Local Acquisitions for Natural Diversity Program (DCS)
- LWCF – Land and Water Conservation Fund (DCS)
- NGPC – National Grid Partnership Challenge Grants (DCR)
- OSR – Open Space and Recreation
- OSRPC – Open Space and Recreation Planning Committee
- PARC – Parkland Acquisitions and Renovations for Communities Program (DCS)
- RTG – Recreational Trails Grants (DCR)
- TIP – Transportation Improvement Project (Federal Highway Administration & Massachusetts Dpt. of Transportation)
- UCF – Urban and Community Forestry Challenge Grants (DCR)

## Section X

### Public Comments

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- Letter of Review: James J. Fiorentini, Mayor, City of Haverhill, June 1, 2018
- Letter of Review: Joseph M. Cosgrove, Environmental Program Manager,  
Merrimack Valley Planning Commission, June 28, 2018
- Letter of Review: William Pillsbury, Director, Economic Development and Planning  
June 1, 2018
- Letter of Review: Vincent Ouellette, Director of Human Services and Recreation
- Letter of Review: Cheryl Ruth Accardi, Chairperson, Conservation Commission  
June 1, 2018
- Letter of Review: Andrew K. Herlihy, Community Development Department  
May 31, 2018
- Letter of Review: Vincent Ouellette, Chairperson, Commission on Disabilities
- Letter of Review: Paul Howard, Chairman, Haverhill Planning Board, June 13, 2018

JAMES J. FIORENTINI  
MAYOR



CITY OF HAVERHILL  
MASSACHUSETTS

CITY HALL, ROOM 100  
FOUR SUMMER STREET  
HAVERHILL, MA 01830  
PHONE 978-374-2300  
FAX 978-373-7544  
MAYOR@CITYOFHAVERHILL.COM  
WWW.CI.HAVERHILL.MA.US

June 1, 2018

Massachusetts Executive Office of Energy and Environmental Affairs  
Division of Conservation Services  
Attn: Melissa Cryan  
100 Cambridge Street, 9<sup>th</sup> Floor  
Boston, Massachusetts 02114

RE: City of Haverhill Open Space and Recreation Plan 2016-2023

Dear Ms. Cryan,

As the Mayor of the City of Haverhill, I would like to convey my support for the plan developed by our Open Space and Recreation Committee. This plan lays out a detailed blueprint to assist the City in meeting its open space and recreation goals and objectives. As you know, our City has already seen remarkable achievements in the implementation of the Seven-Year Action Plan.

- The James J. Fiorentini Rail Trail, which runs for about a half-mile along the Bradford side of the Merrimack River between the Basiliere and Comeau bridges, officially opened in June 2017. It features scenic overlooks and local artwork, and is open to non-motorized uses such as cycling, jogging, walking and rollerblading. Enhancements include paving and landscaping, lights, benches, wooden fencing and handicap access, as well as an improved view of the river and our downtown. It is currently a well-used recreation pathway offering beautiful views of the Merrimack River. Earlier this spring, the city began work on the next phase of the Rail Trail. The next leg extends the existing and well-used recreational pathway on the Bradford side of the Merrimack River from its current end-point next to the Basiliere Bridge to the Crescent Yacht Club on Ferry Street. The big-picture plan is to eventually connect the Bradford side of the rail trail to a boardwalk on the bustling downtown side of the river, looping the river on both sides before heading toward the yacht club and later, east to Groveland.
- Cashman Field Improvements include clearing and grubbing the lawn, adding fencing to protect trees and overall site paving for pedestrians and bikers. New park benches, playground equipment and new plants and trees improve the overall aesthetics of the field. In addition, a new skate park will to be constructed and completed this summer. The new skate park will feature brand new equipment such as quarter pipes, launch boxes, half pipes, drop-in-obstacles and rails.
- Haverhill High School softball and multi-purpose field is scheduled to begin construction in the fall of 2018.
- Riverside Park Improvements are underway with a completion date of 2019.

On behalf of the City of Haverhill and its Open Space and Recreation Committee, I thank you for your continued support of our open space and recreation efforts.

Sincerely,

  
James J. Fiorentini  
Mayor





# Haverhill

Economic Development and Planning  
Phone: 978-374-2330 Fax: 978-374-2315  
wpillsbury@cityofhaverhill.com

June 1, 2018

Massachusetts Office of Energy and environmental Affairs  
Division of Conservation Services  
ATTN: Melissa Cryan  
100 Cambridge Street 9<sup>th</sup> Floor  
Boston MA 02114

RE: Cit of Haverhill 2016-2023 Open Space and Recreation Plan

Dear Ms. Cryan:

I would like to convey my support for the plan developed by our open Space and Recreation Committee. The plan lays out a detailed blueprint to assist the city in meeting its open space and recreation goals and objectives. I am particularly pleased with the plans that call for the promotion of sustainable development within the city and for the improvement of the City's heritage preservation.

On behalf of the City of Haverhill Economic Development and Planning Department, I thank you for your continued support of our open space and recreation efforts.

Sincerely,

William Pillsbury  
Economic Development and Planning Director

4 Summer Street--Room 201, Haverhill, MA 01830 [www.ci.haverhill.ma.us](http://www.ci.haverhill.ma.us)



# Haverhill

Human Services –Director Vincent R Ouellette  
Phone: 978-374-2388 ext 28 Fax: 978-5212626  
vouellette@cityofhaverhill.com

Massachusetts Executive Office of Energy and Environmental Affairs  
Division of Conservation Services  
Attn: Melissa Cryan  
100 Cambridge Street, 9<sup>th</sup> Floor  
Boston, Massachusetts 02114

RE: City of Haverhill 2016-2023 Open Space and Recreation Plan

Dear Ms. Cryan,

I would like to convey my support for the Plan developed by our Open Space and Recreation Committee. Having an active role in the development of this Plan and believe that it will assist the City in meeting its open space and recreation goals.

We have already seen remarkable achievements in implementing this Plan, with renovations to Swasey Field GAR Park and now Cashman Field all in conjunction with your office. Improvements to Riverside Park are in the permit stages and expected completion in 2019.

The city has stepped up in recent years to add significant funds for the care maintenance in the Parks and Recreation budget recognizing the importance of safe, well maintained parks and the investment made by both the Commonwealth and the City of Haverhill.

On behalf of the City of Haverhill Recreation Committee, I thank you for your continued support of our open space and recreation efforts.

Sincerely,

Vincent Ouellette  
Director of Human Services and Recreation

Citizen Center -Council on Aging - Cultural Council—Recreation – Veterans Services  
10 Welcome Street Haverhill Ma 01830



# Haverhill

Economic Development and Planning  
Conservation Department  
Phone: 978-374-2334 Fax: 978-374-2366  
[rmoore@cityofhaverhill.com](mailto:rmoore@cityofhaverhill.com)  
[conservation@cityofhaverhill.com](mailto:conservation@cityofhaverhill.com)

June 1, 2018

Massachusetts Executive Office of Energy and Environmental Affairs  
Division of Conservation Services  
Attn: Melissa Cryan  
100 Cambridge Street, 9<sup>th</sup> Floor  
Boston, Massachusetts 02114

RE: City of Haverhill 2016-2023 Open Space and Recreation Plan

Dear Ms. Cryan,

I would like to convey my support for the Plan developed by the City of Haverhill Open Space and Recreation Committee. The Plan is quite detailed in setting direction to assist the City in meeting its open space and recreation goals. The Haverhill Conservation Commission's staff played a key role in the development of this Plan.

Under the previous Plan, the City began active management of its conservation areas and other municipal forested lands. This forest management program focuses on water quality, wildlife habitat, recreational opportunities, and renewable timber resources. All are of great importance to the Conservation Commission. Moving forward under this new Plan, I look forward to the City's continued efforts to expand its recreational trail network along the Merrimack River.

I thank you for your continued support of our open space and recreation efforts.

Sincerely,

Cheryl Ruth Accardi, Chairperson  
Haverhill Conservation Commission

City Hall Room 300 • 4 Summer Street • Haverhill, MA 01830 • [www.ci.haverhill.ma.us](http://www.ci.haverhill.ma.us)



WILLIAM PILLSBURY, JR., DIRECTOR  
TELEPHONE: 978-374-2344 V/TDD  
FAX: 978-374-2332

**CITY OF HAVERHILL  
COMMUNITY DEVELOPMENT**

CITY HALL, ROOM 309  
FOUR SUMMER STREET  
HAVERHILL, MA 01830-5843

May 31, 2018

Ms. Melissa Cryan  
Massachusetts Department of Energy and Environmental Affairs  
Division of Conservation Services  
100 Cambridge Street, 9<sup>th</sup> Floor  
Boston, MA 02114

RE: City of Haverhill 2016-2023 Open Space and Recreation Plan

Dear Ms. Cryan:

I am writing to express support for the City of Haverhill's newly submitted and completed Open Space and Recreation Plan (OSRP). This OSRP was the joint product of multiple City Departments, including Community Development, as well as great deal of enlightening public input.

Our OSRP corresponds and complements other recent planning efforts that the City and/or Merrimack Valley Planning Commission (MVPC) have recently undertaken, including: a recently launched City Master Plan; the just-completed regional Housing Production Plan; the regional Priority Growth Strategy and Preservation Plan; Water-front Overlay Zoning creation; MassDevelopment's Transformative Development Initiative and Industrial Site Readiness program; the City's Forestry Management Plan; and the 2015-2020 Consolidated Plan submitted by this office to the federal Department of Housing and Urban Development.

This OSRP proposes a way forward to plan for the demographic changes, challenges and opportunities ahead for our community, as the City seeks to grow in a smart manner that preserves our open space assets while equitably reinvesting into the recreational facilities our population demands and requires. The OSRP will also guide future investment of Community Development Block Grant (CDBG) and other grant initiatives.

Thank you for your continued support,

Sincerely,

Andrew K. Herlihy  
Community Development Department



# Haverhill

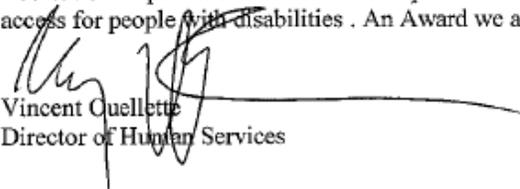
Human Services –Director Vincent R Ouellette  
Phone: 978-374-2388 ext 28 Fax: 978-5212626  
vouellette@cityofhaverhill.com

Massachusetts Executive Office of Energy and Environmental Affairs  
Division of Conservation Services  
Attn: Melissa Cryan  
100 Cambridge Street, 9<sup>th</sup> Floor  
Boston, Massachusetts 02114

RE: City of Haverhill 20016-2023 Open Space and Recreation Plan

Dear Ms. Cryan,

As the ADA coordinator for the city of Haverhill, I am pleased to inform you that an ADA plan and Self-Assessment of all buildings , passive and active recreation parks was completed in June of 2014 . A consultant from Northeast Independent Living was hired to do the assessment. This is a working document that is continually used a reference to insure our compliance. The city will be hiring a part time employee within the next few months to update the plan and to note all the recommendations that were completed. Upon Completion of the plan update Northeast Independent Living, awarded the Haverhill Parks and Recreation Dept. with their ADA Champion Award , for our dedication and commitment in ensuring equal access for people with disabilities . An Award we are most proud of!

  
Vincent Ouellette  
Director of Human Services

Citizen Center -Council on Aging - Cultural Council—Recreation – Veterans Services  
10 Welcome Street Haverhill Ma 01830



# Haverhill

Planning Board  
Phone: 978-374-2330 Fax: 978-374-2315

June 13, 2018

Massachusetts Office of Energy and Environmental Affairs  
Division of Conservation Services  
ATTN: Melissa Cryan  
100 Cambridge Street 9<sup>th</sup> Floor  
Boston MA 02114

RE: City of Haverhill 2016-2023 Open Space and Recreation Plan

Dear Ms. Cryan:

The Haverhill Planning Board is excited to see this update to the City's Open Space and Recreation Plan. Board member, Karen Peugh, played an important role in the development of the plan, particularly assisting with the solicitation of input from the community. The Board is pleased to see the Plan's commitment to promoting sustainable development and to increasing recreational opportunities for our growing population. Haverhill has celebrated the much-needed redevelopment of its downtown over the past decade. This growth has been met with improvements and extensions to our downtown boardwalk and the creation of the Bradford Rail Trail, all with assistance from the Commonwealth.

The Board thanks DCR for its continued support of Haverhill's open space and recreation projects.

Sincerely,

Paul Howard  
Chairman  
Haverhill Planning Board

Page 1

## Section XI

### References

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“Open Space and Recreation Plan”, prepared by the City of Haverhill, 2008–2015

Watershed Protection Overlay District Ordinance, Section 255-18.1 Watershed Protection District, Haverhill, Massachusetts, February 2, 1998

“Merrimack River Feasibility Study” by Weston & Sampson, February 2006

“Core Habitats of Haverhill” – BioMap and Living Waters, Guiding Land Conservation for Biodiversity in Massachusetts, by the Massachusetts Natural Heritage and Endangered Species Program, 2004

“Merrimack River 5-Year Watershed Action Plan, 2002-2007”, prepared by the Massachusetts Executive Office of Environmental Affairs, dated May 2002

“State Comprehensive Outdoor Recreation Plan”, prepared by the MA Executive Office of Energy and Environmental Affairs, Division of Conservation Services, 2012

“A Market Analysis and Strategic Action Plan for Downtown Haverhill”, prepared by Gruen, Gruen and Associates, dated June 2007

“UrbanRiver Visions 2 – Haverhill Action Plan”, an initiative of the MA Executive Office of Energy and Environmental Affairs in partnership with the City of Haverhill, 2007

“Haverhill Reconnaissance Report, Essex County Landscape Inventory, Massachusetts Heritage Landscape Inventory Program”, prepared by the MA Department of Conservation and Recreation and the Essex National Heritage Commission, May 2005

"Guide to Farms and Agriculture", prepared by Essex National Heritage Commission, 2007

"MetroFuture - The Recommended Plan for a Greater Boston Region", prepared by the Metropolitan Area Planning Council, dated May 1, 2007

Smart Growth Smart Energy Toolkit, prepared by the Commonwealth of MA

Recreation / Conservation Master Plan, prepared by the City of Haverhill, 1984

Open Space and Recreation Plan, prepared by the City of Haverhill, 2000-2005

Comprehensive Guide Plan for the Year 2005, prepared by the City of Haverhill

“Housing Production Plan”, prepared by Merrimack Valley Planning Commission with assistance by JM Goldson community preservation + planning, 2018-2022

# **Appendix A**

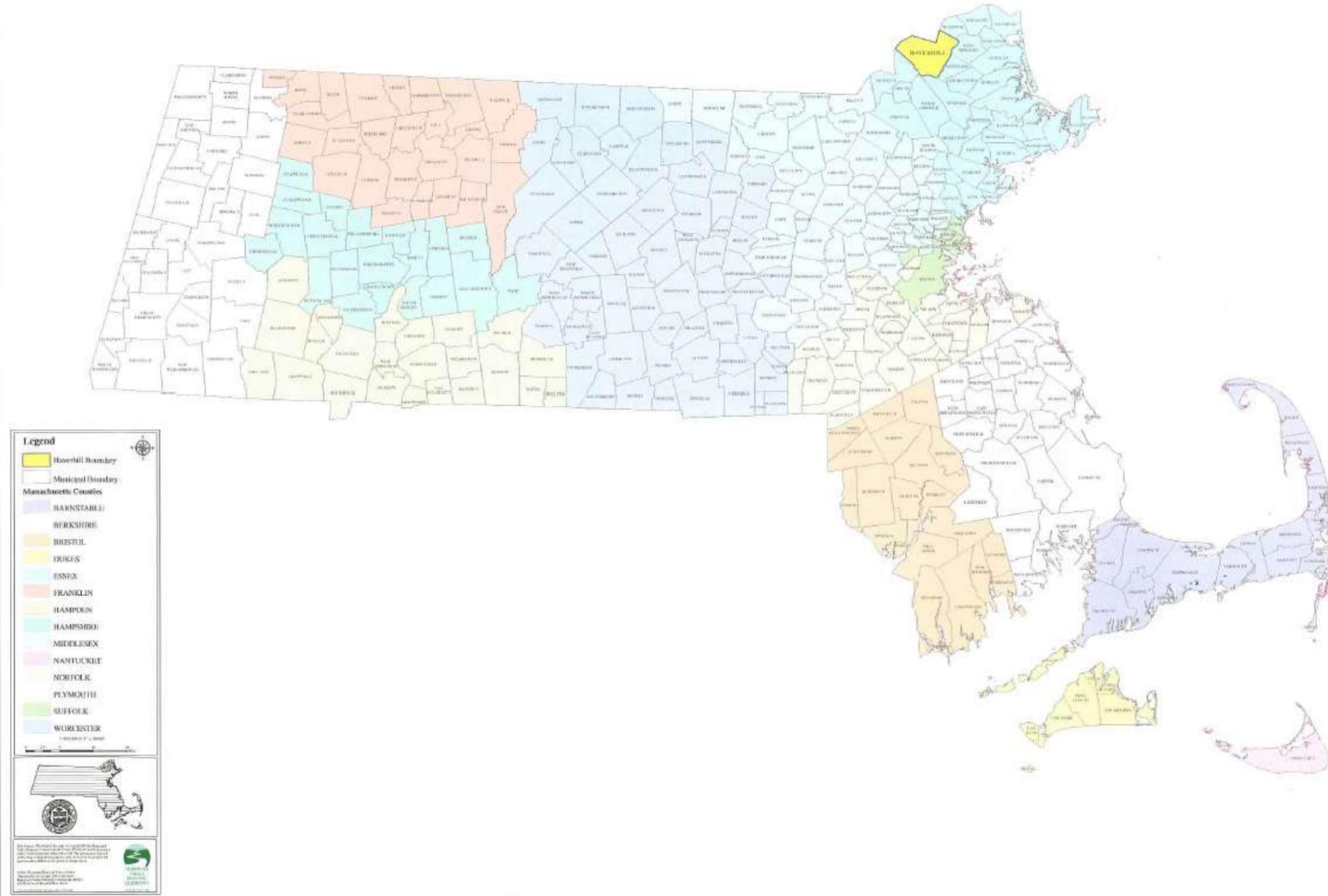
## **2016-2023 Open Space and Recreation Plan Mapping**

### **Produced by the Merrimack Valley Planning Commission**

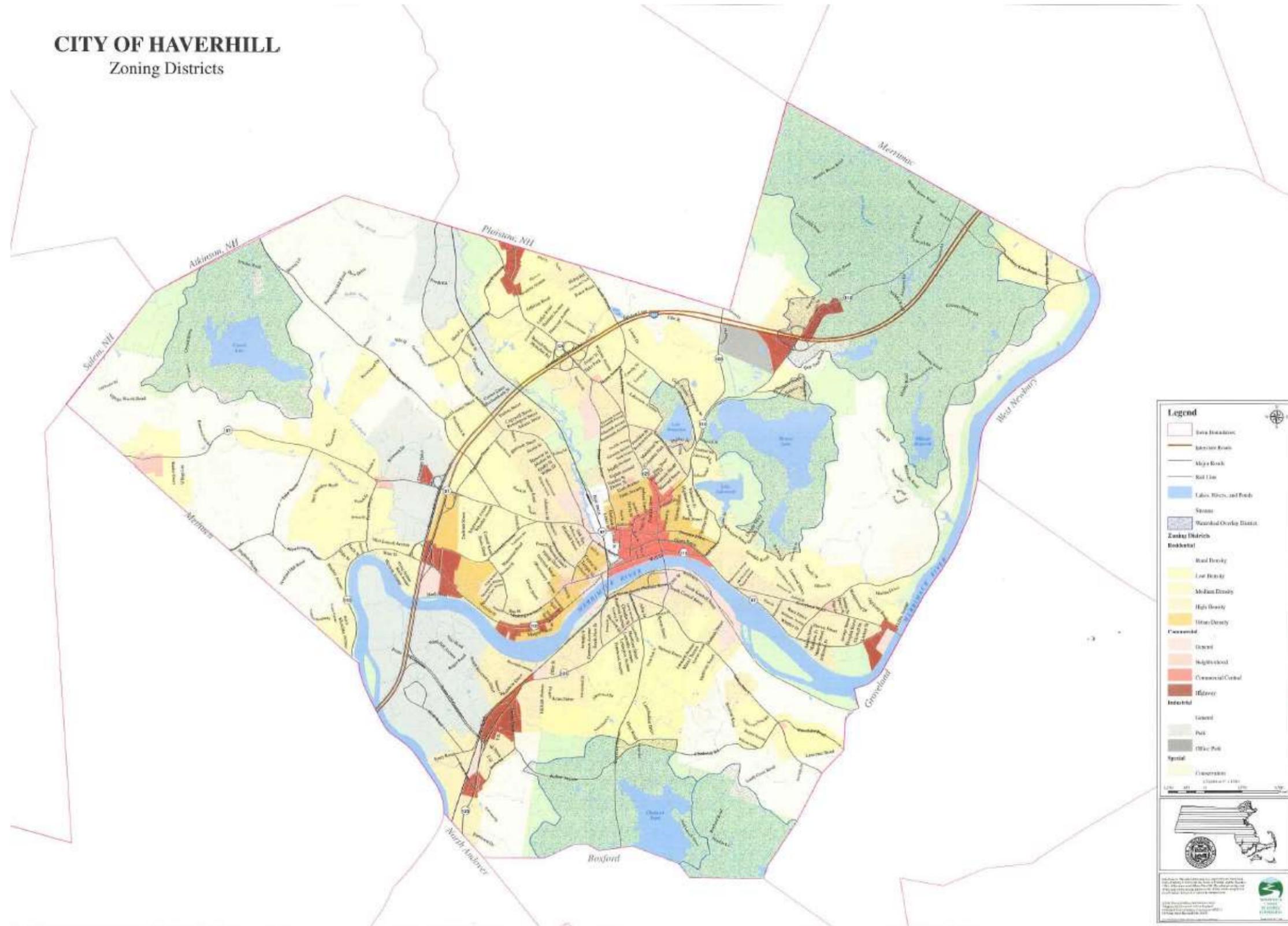
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- Locus Map
- Zoning Districts
- Aggregated Land Use
- Soils and Geologic Features
- Water and Wetland Resources
- Unique Landscape Features
- Scenic, Historic, and Cultural Resources
- 7-Year Action Plan

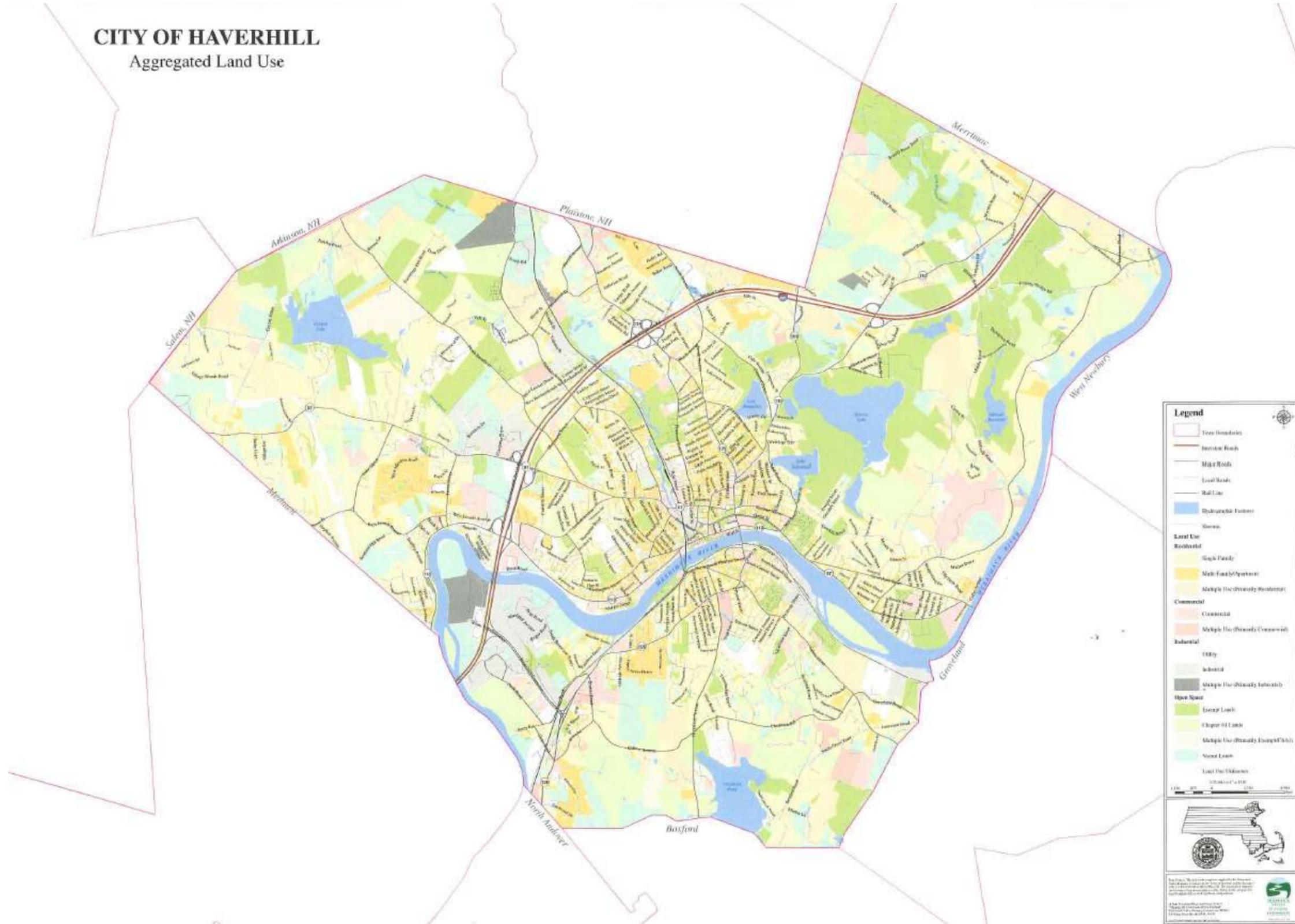
CITY OF HAVERHILL  
Locus Map



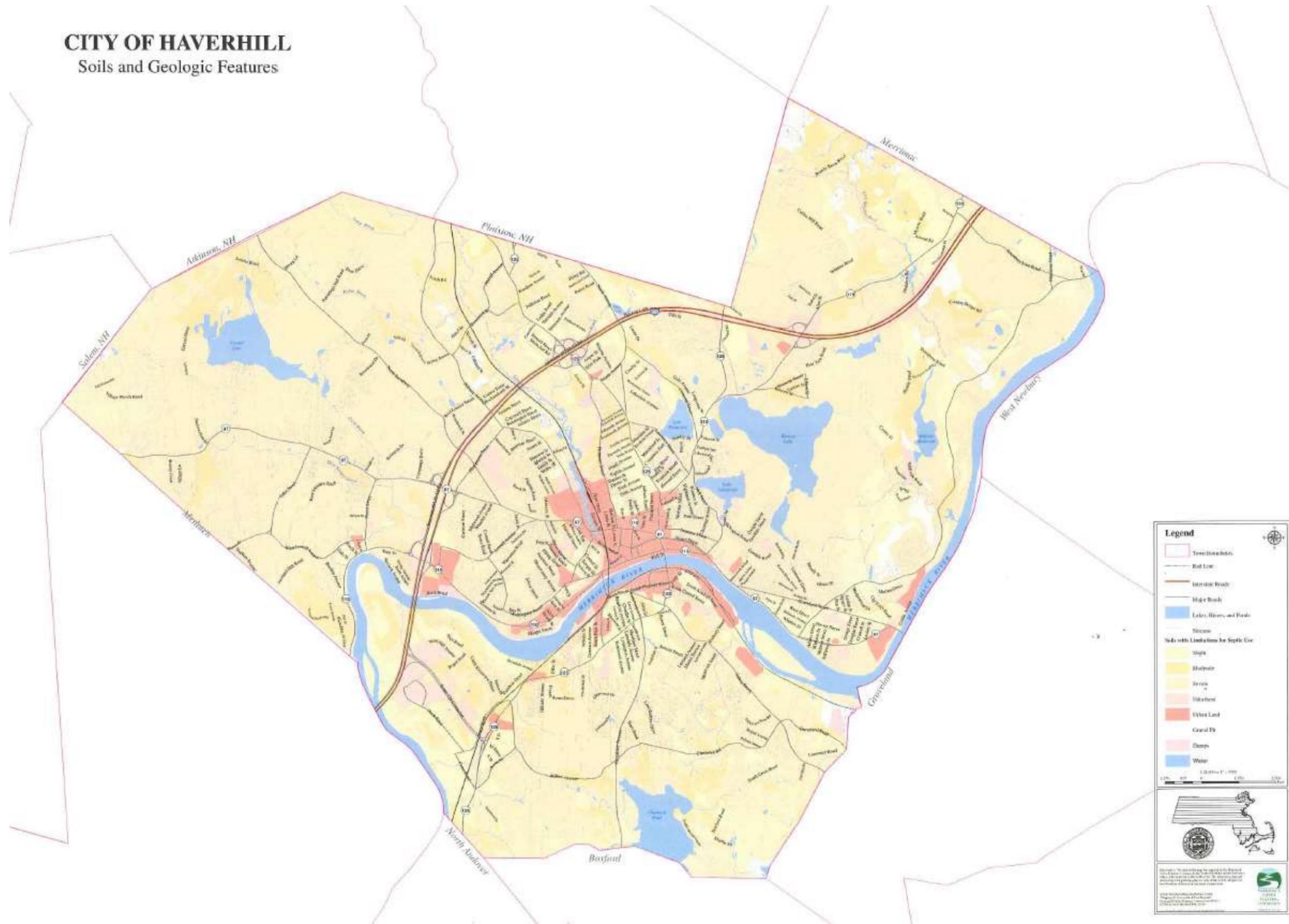
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Zoning Districts



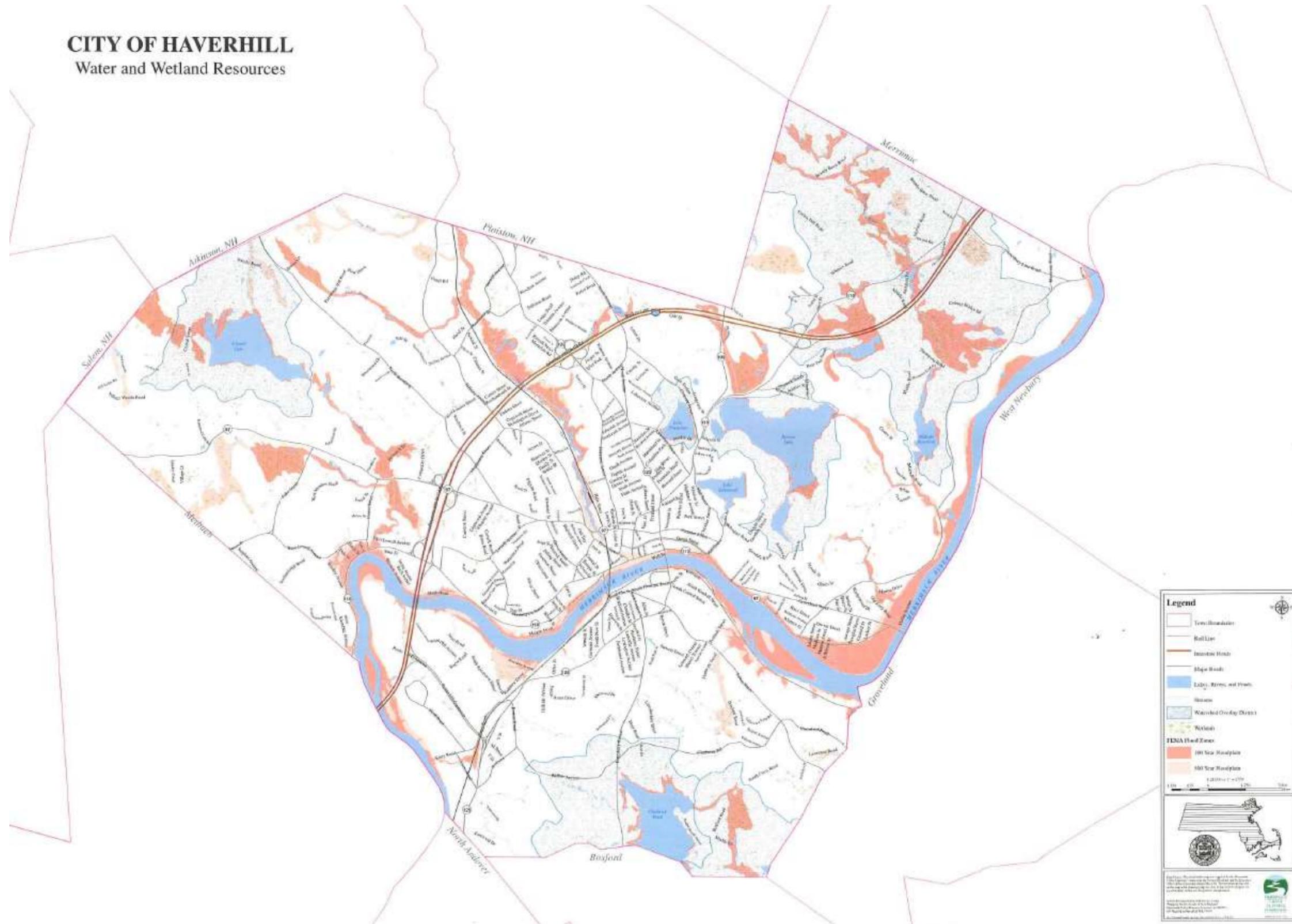
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Aggregated Land Use



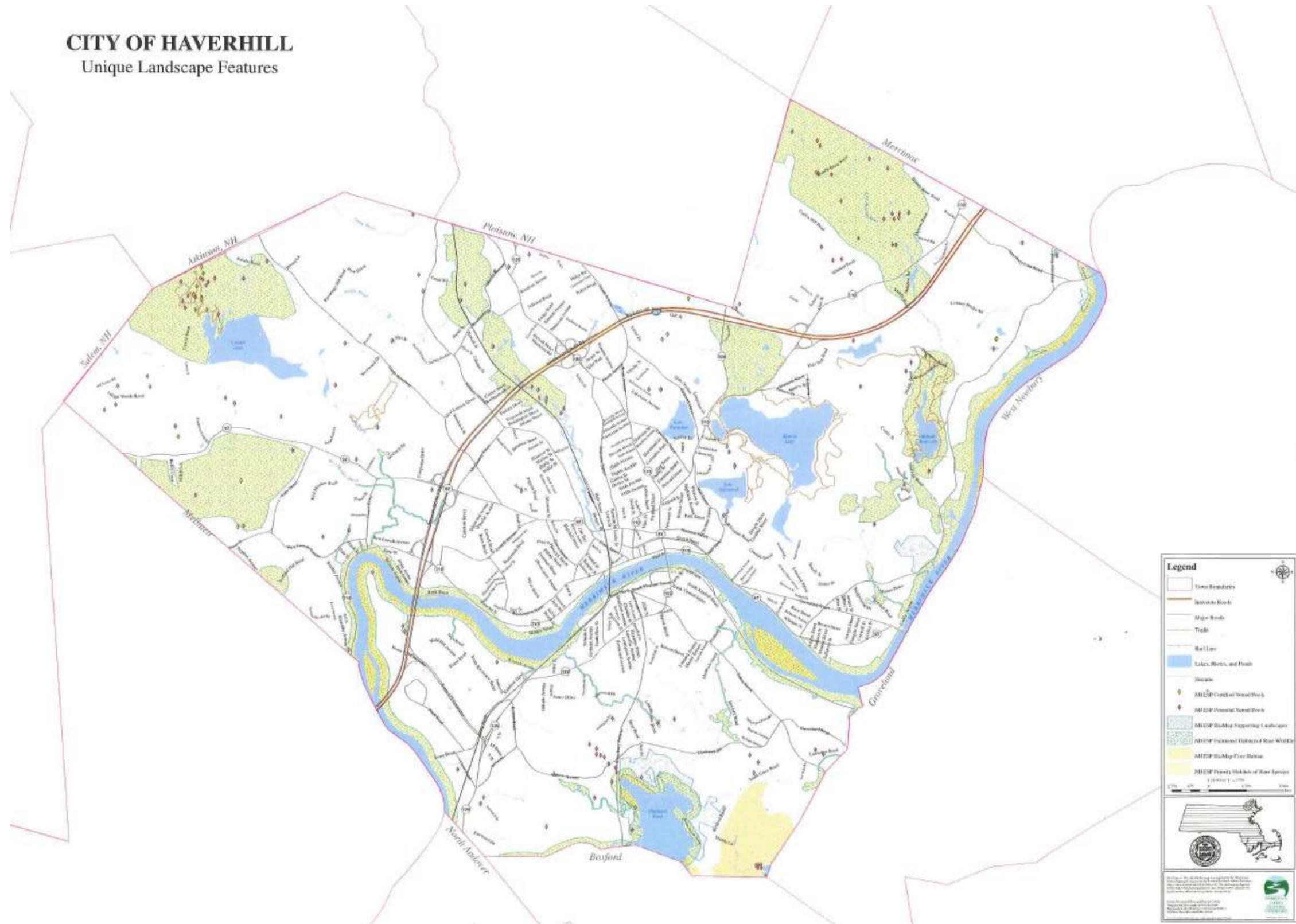
**CITY OF HAVERHILL**  
Soils and Geologic Features



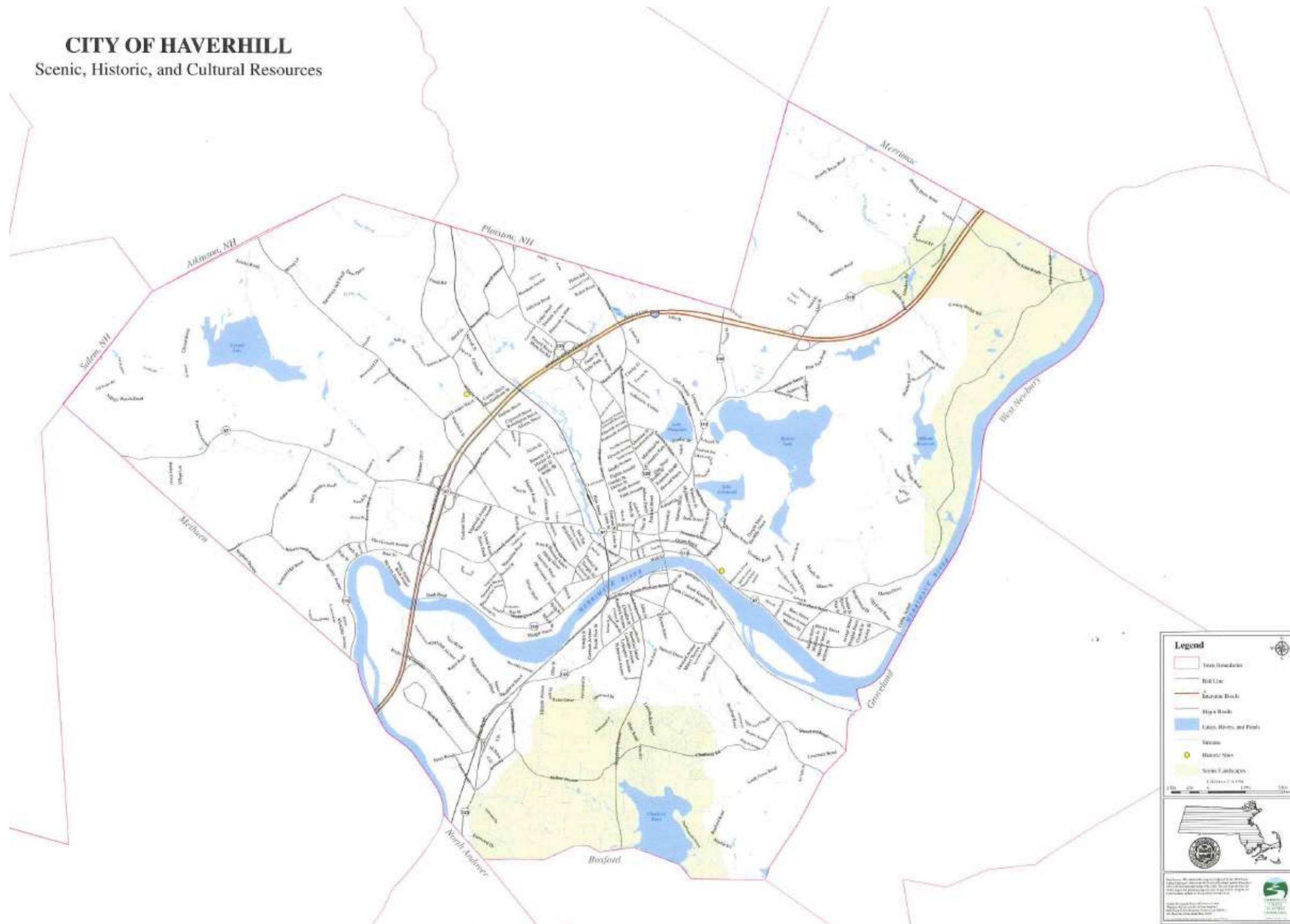
**CITY OF HAVERHILL**  
Water and Wetland Resources



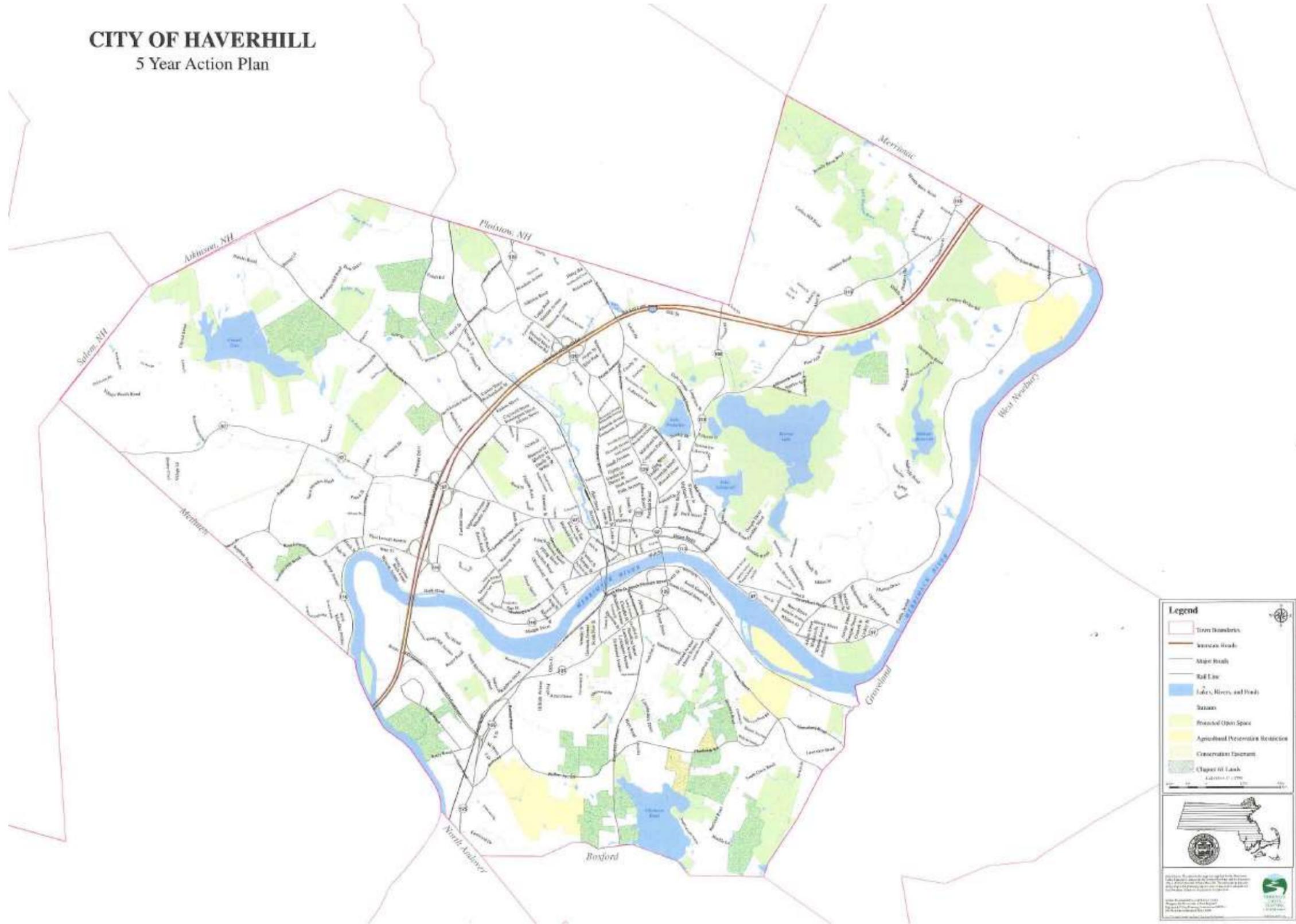
**CITY OF HAVERHILL**  
Unique Landscape Features



**CITY OF HAVERHILL**  
 Scenic, Historic, and Cultural Resources



**CITY OF HAVERHILL**  
5 Year Action Plan



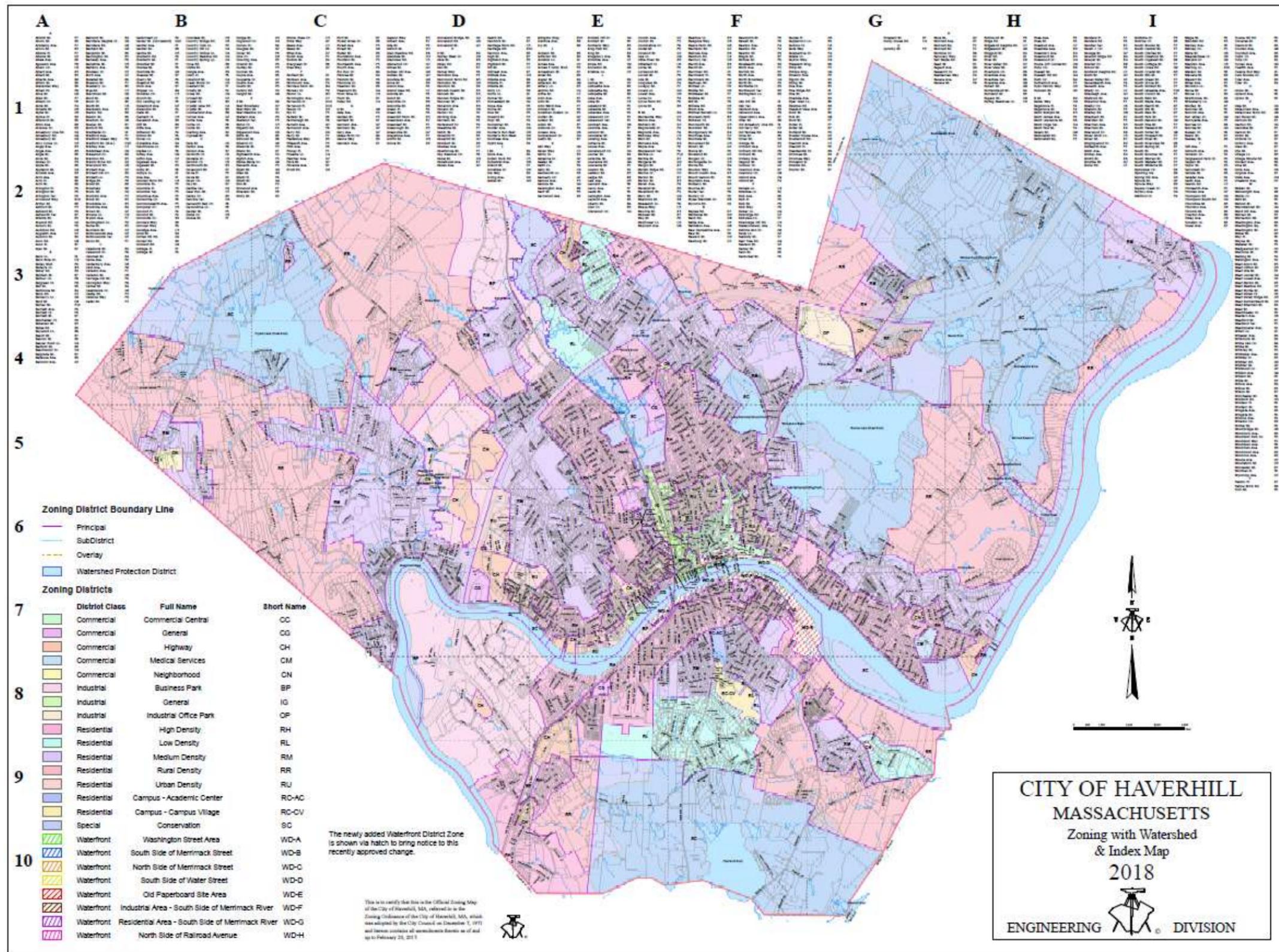
## **Appendix B**

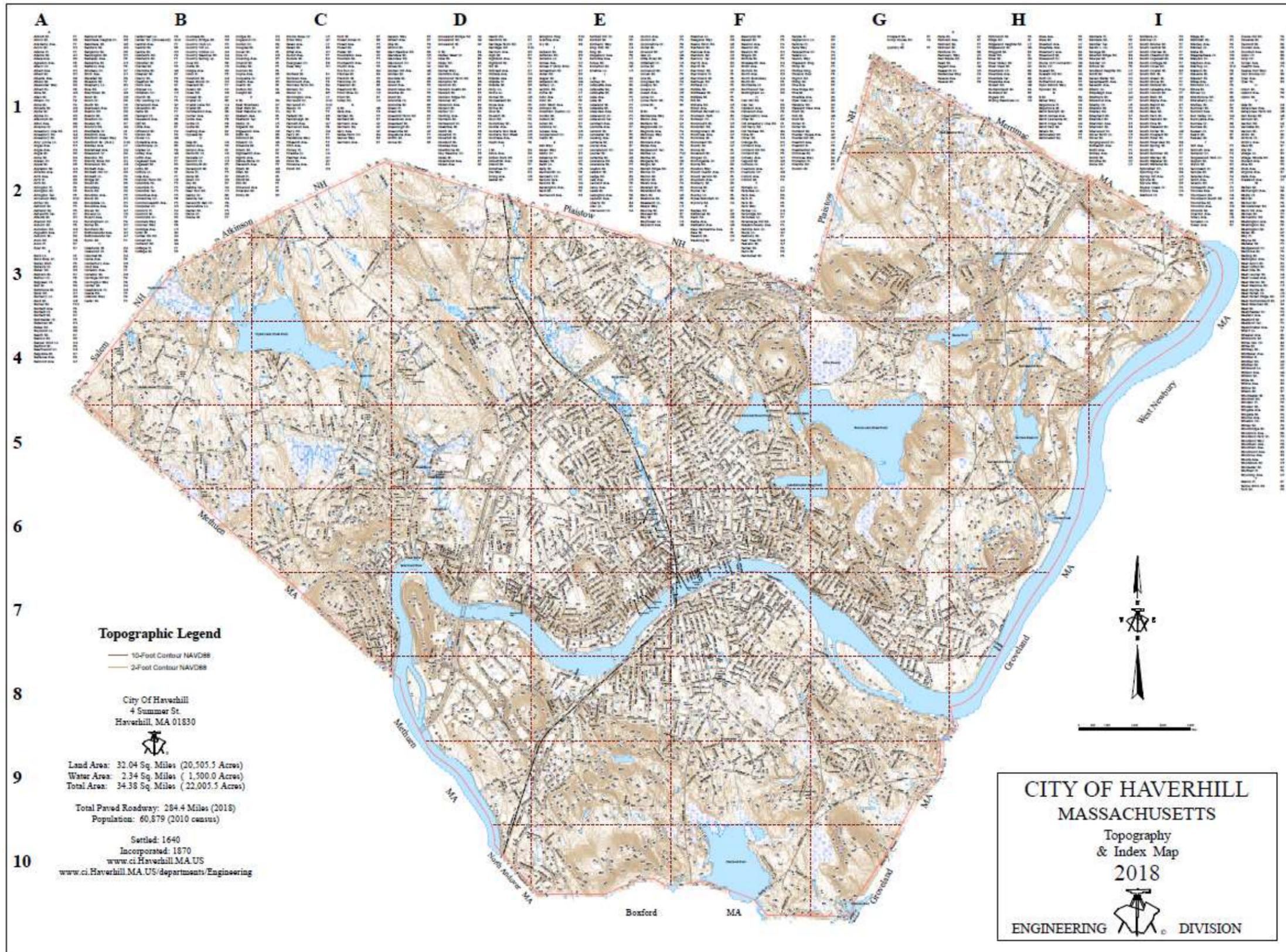
### **2016-2023 Open Space and Recreation Plan Mapping**

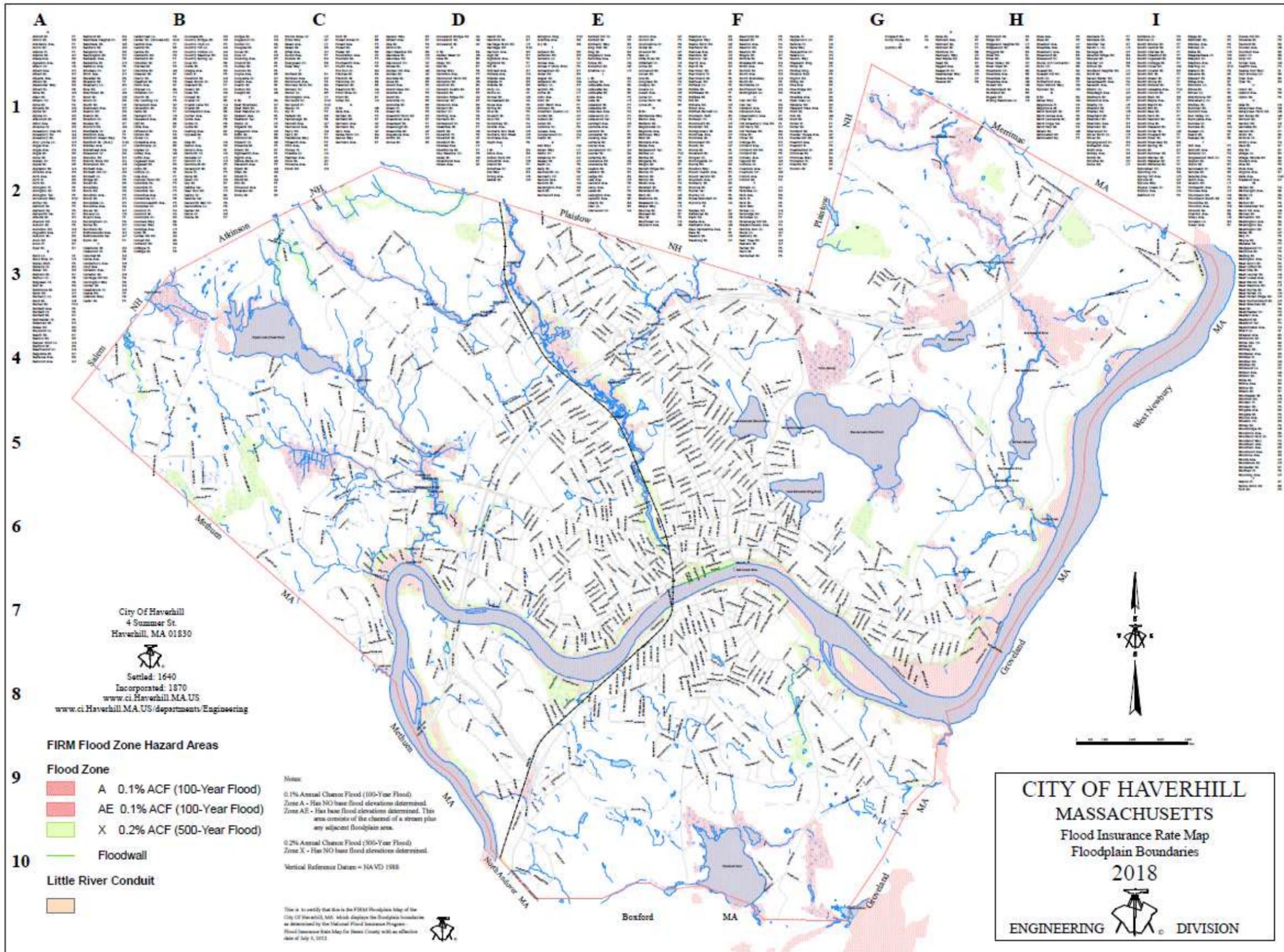
#### **produced by the City of Haverhill Engineering Division, 2018**

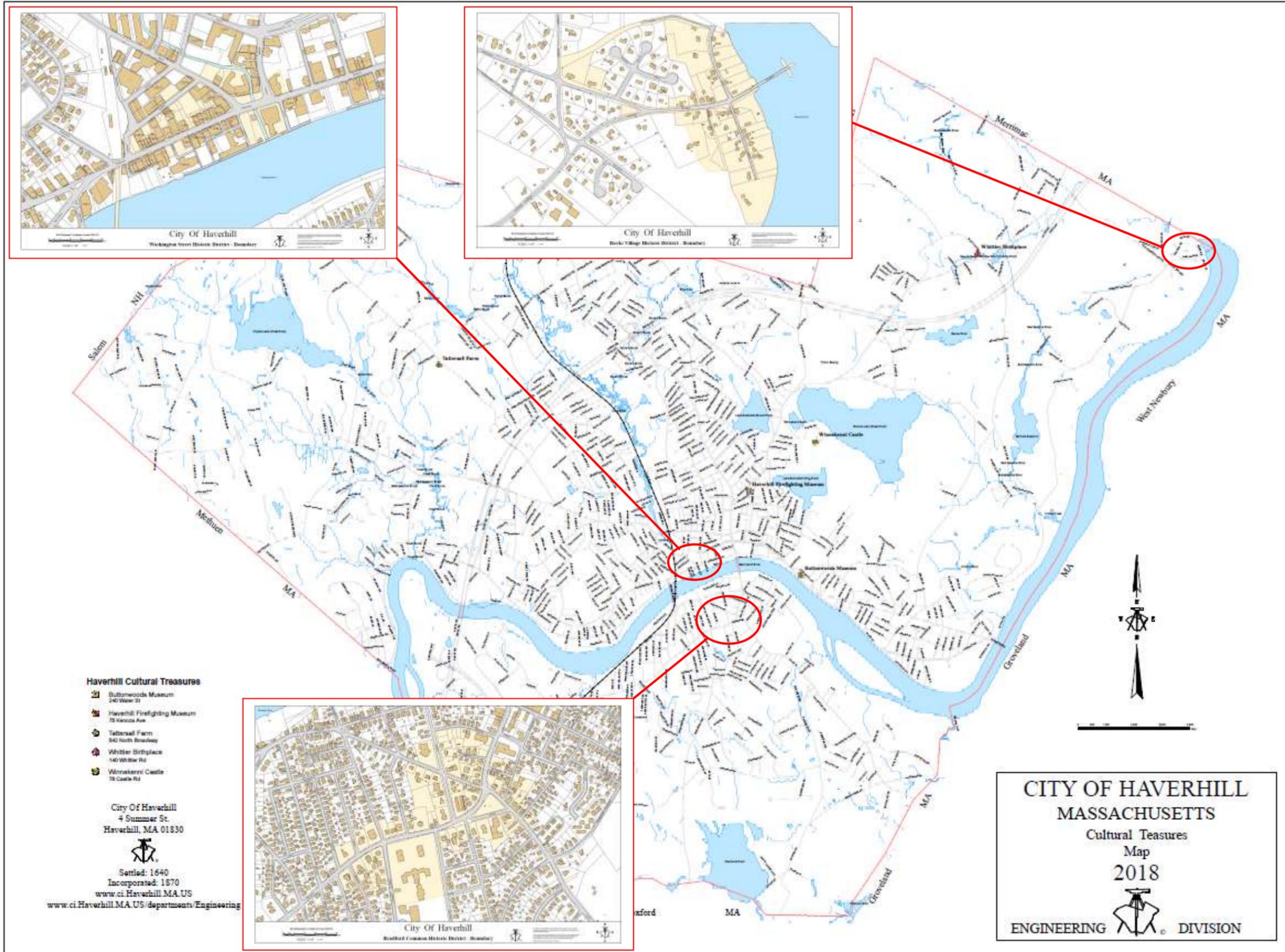
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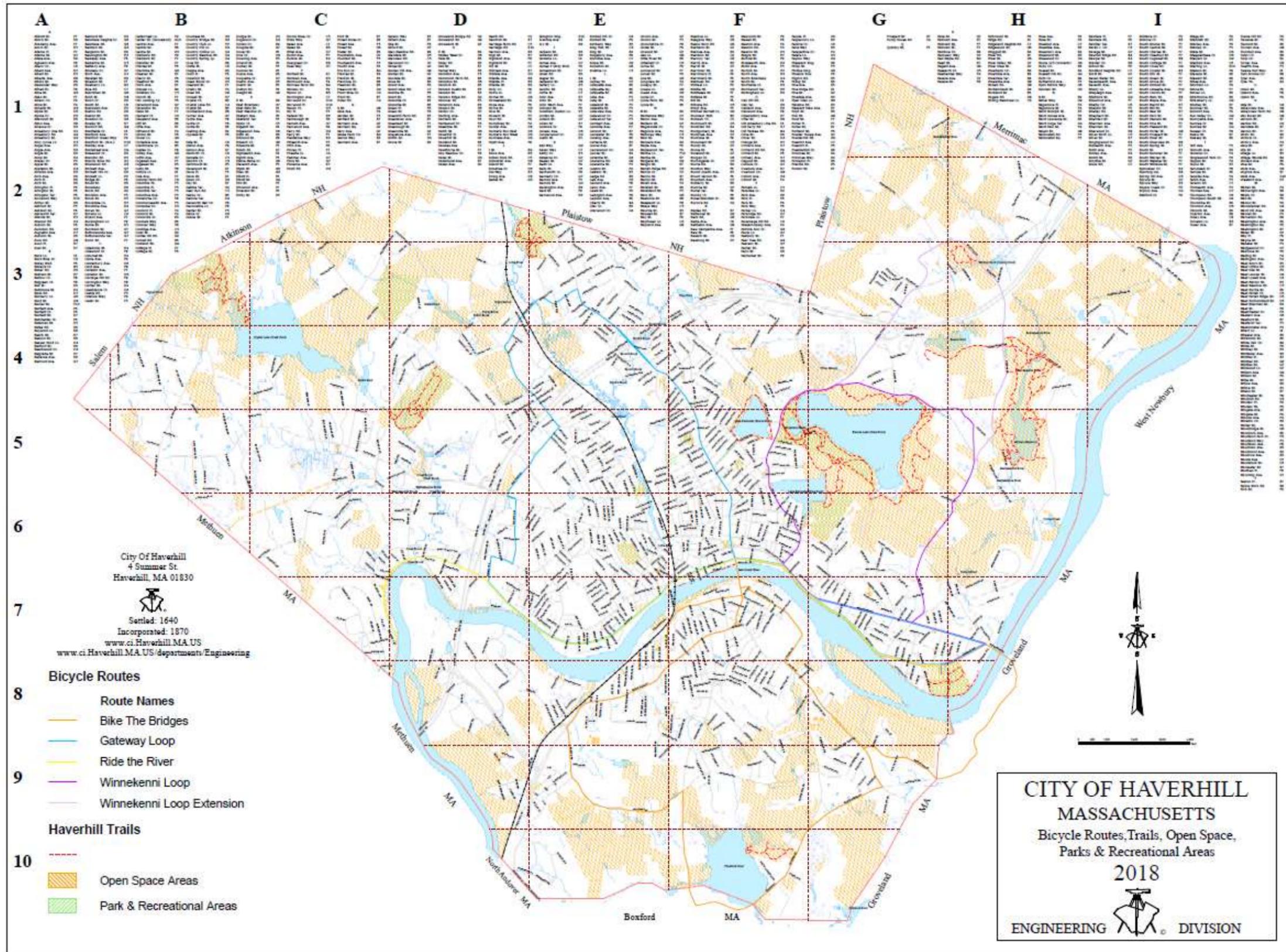
- Zoning Districts with Watershed Overlay District and Street Index
- Topography with Street Index
- FIRM Rate Map with Floodplain Boundaries
- Cultural Treasures with Historic District Insets
- Inventory Map with Bicycle Routes, Trails, Open Space, Parks & Recreational Areas









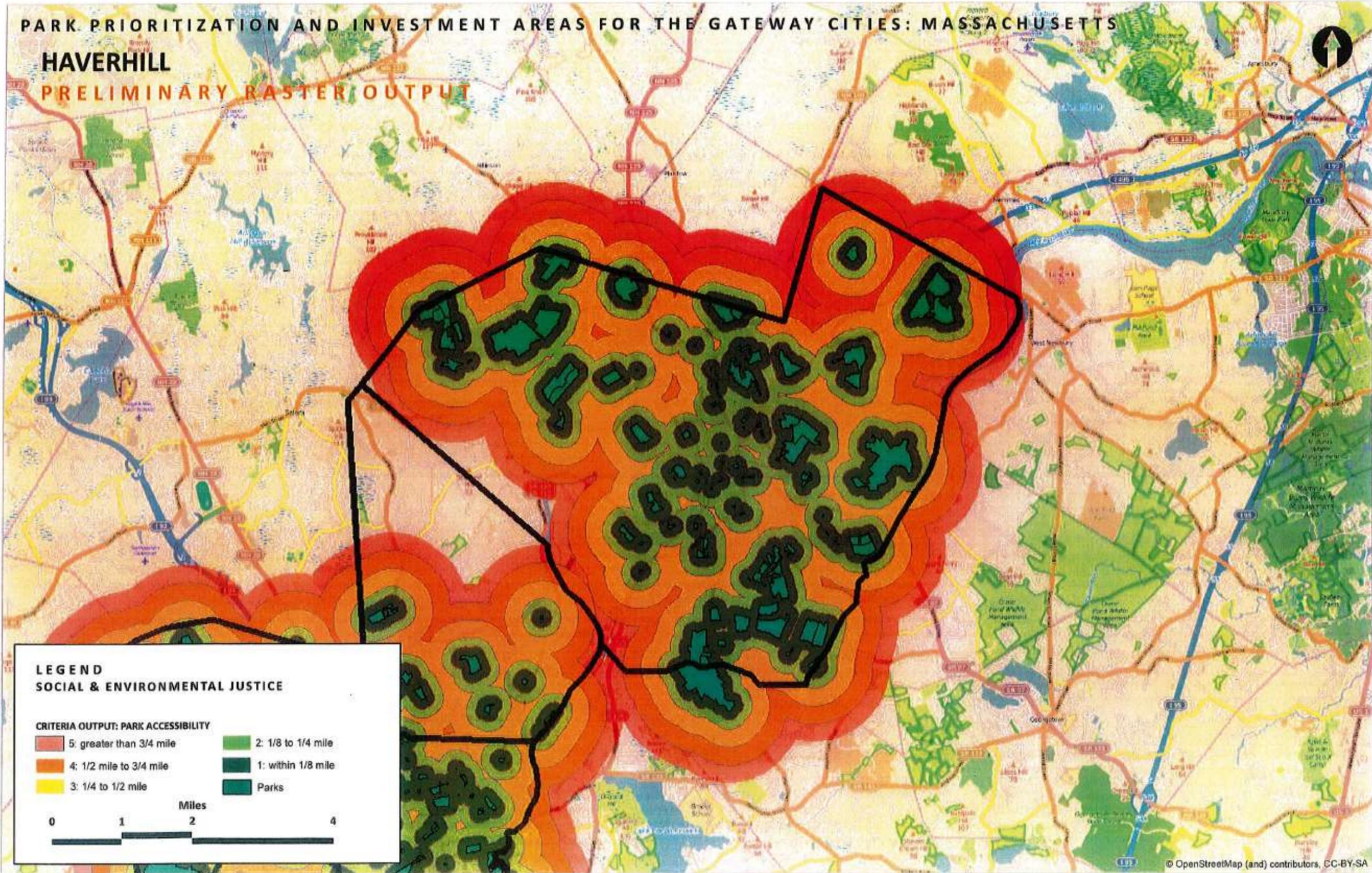


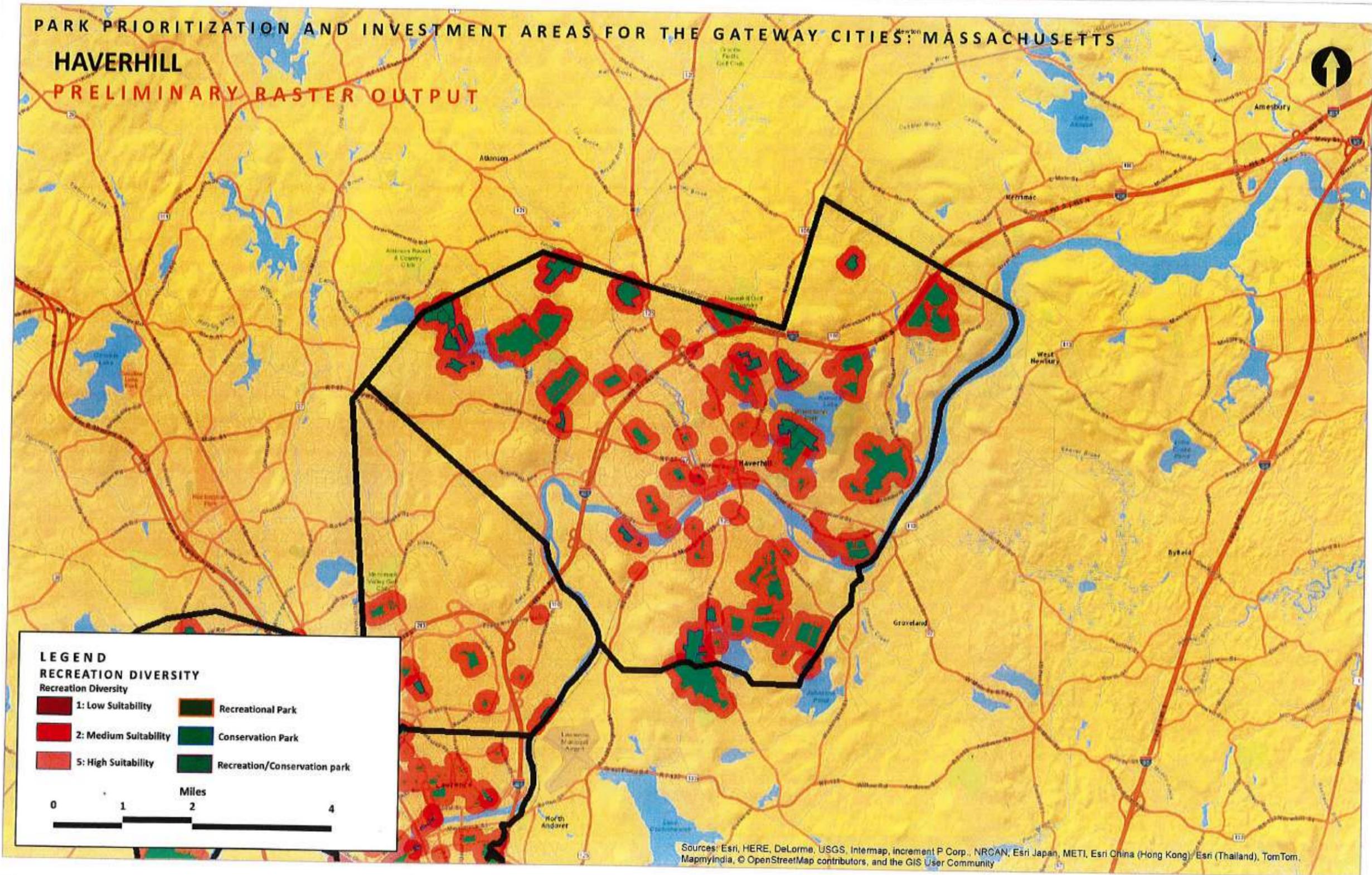
## Appendix C

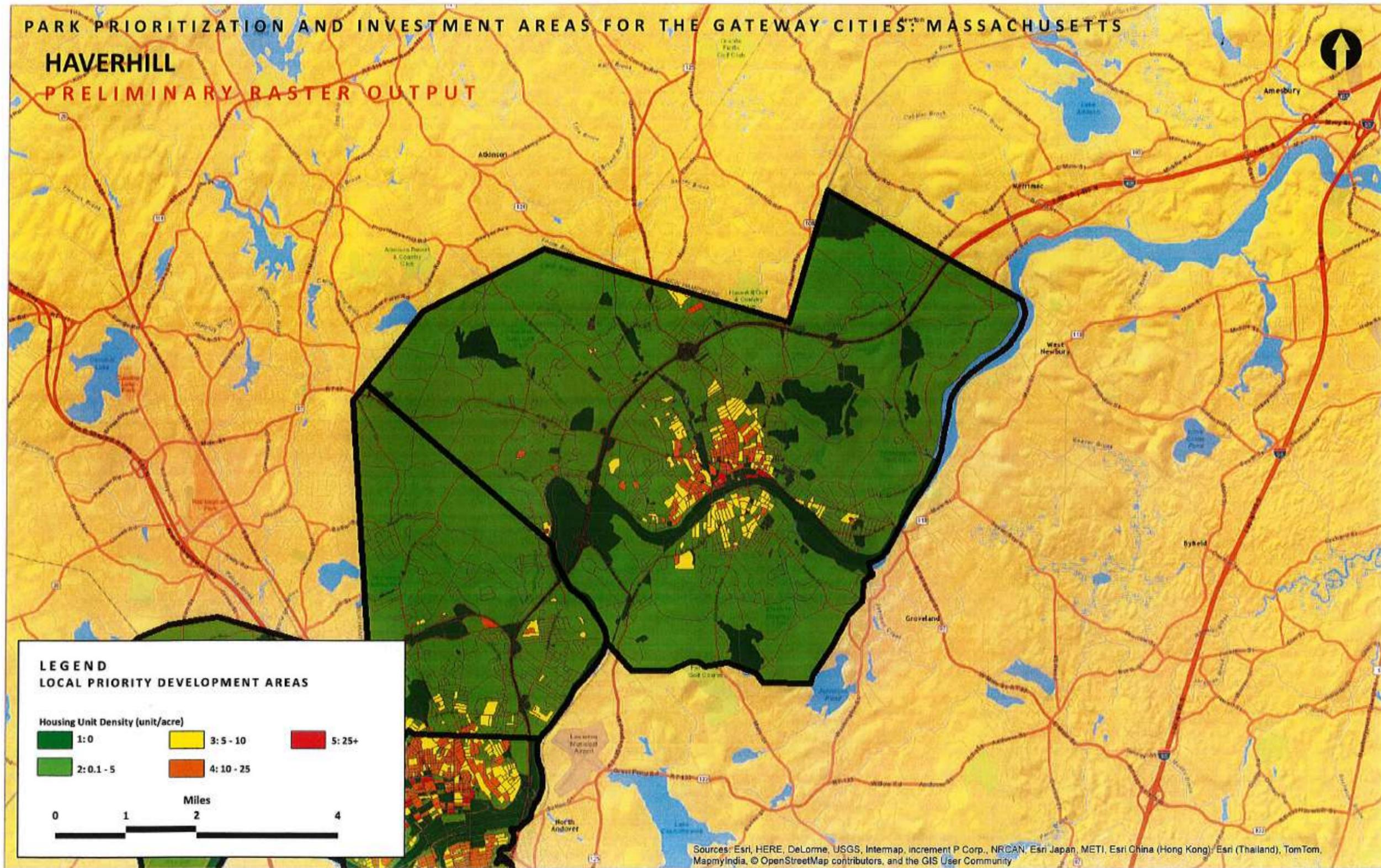
### Park Prioritization and Investment Areas for the Gateway Cities Mapping Provided by the Massachusetts Executive Office of Energy and Environmental Affairs

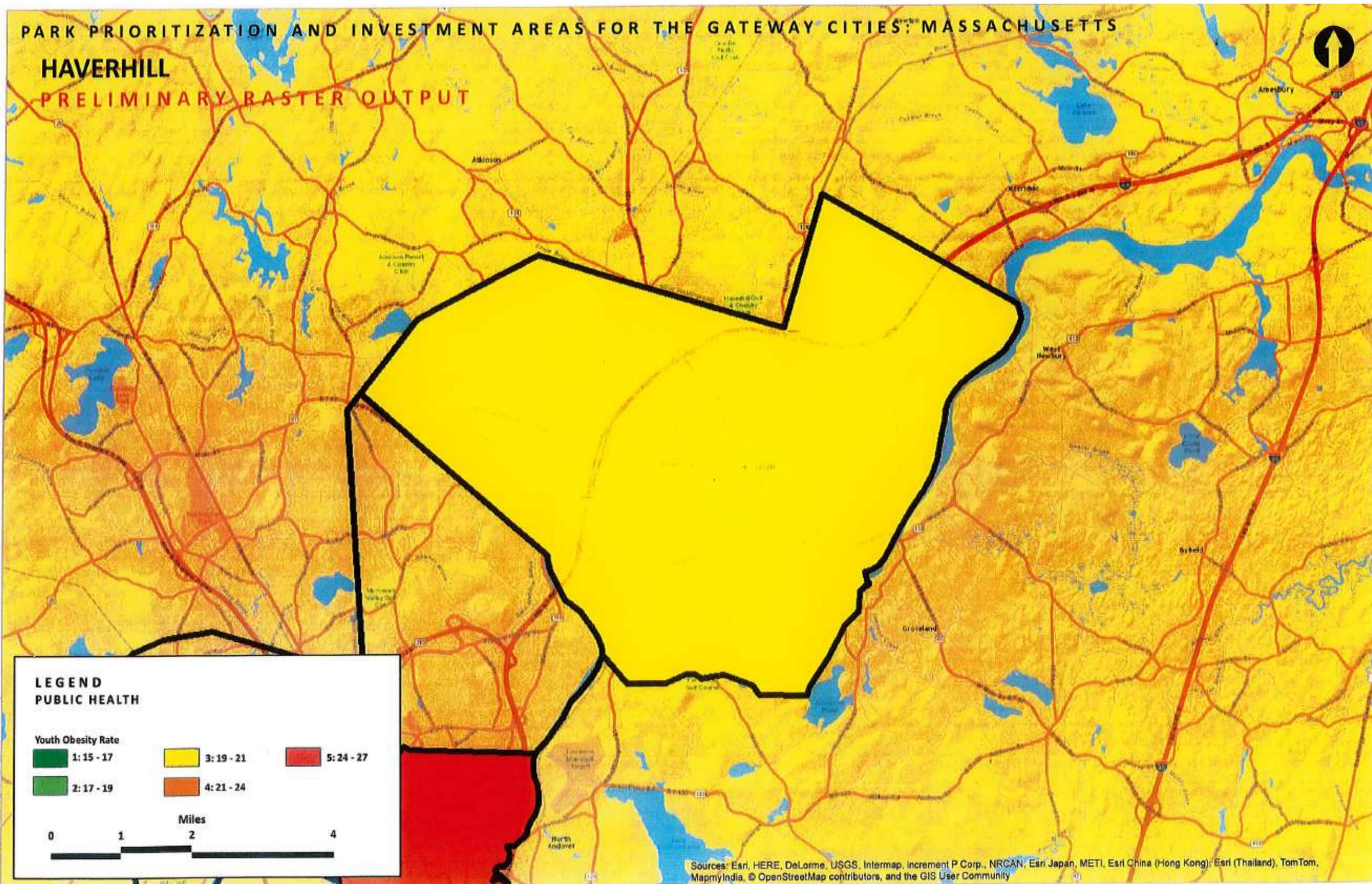
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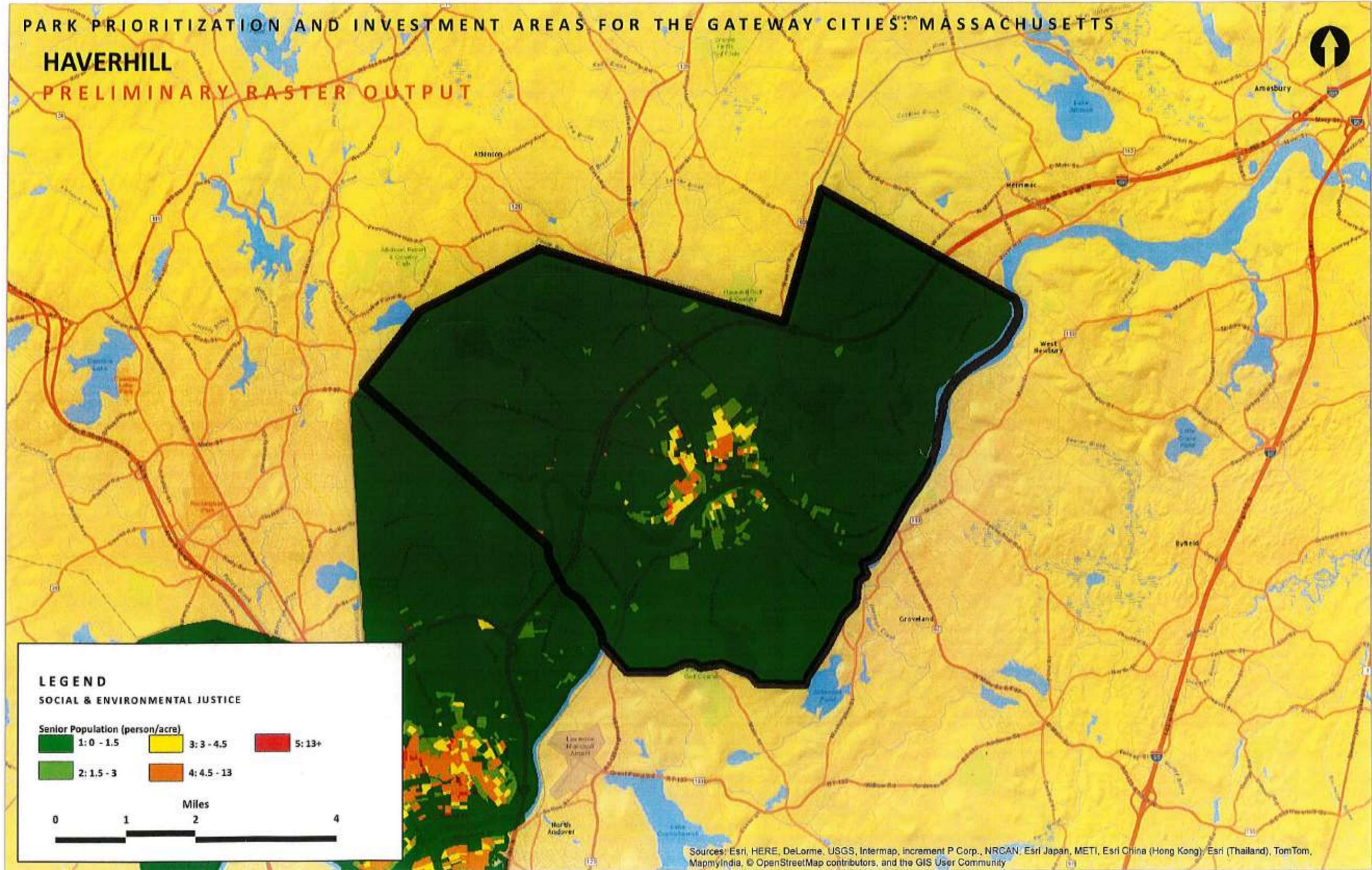
- Social & Environmental Justice: Park Accessibility
- Recreation Diversity
- Local Priority Development Areas: Housing Unit Density
- Public Health: Youth Obesity Rate
- Social & Environmental Justice: Senior Population
- Social & Environmental Justice: English Language Isolation
- Social & Environmental Justice: Median Household Income
- Social & Environmental Justice: Low Educational Attainment
- Social & Environmental Justice: Housing Vacancy Rate
- Aesthetics & Conservation: NHESP Priority Habitats of Rare Species & Estimated Habitats of Rare Wildlife
- Aesthetics & Conservation: Hydrology & Flood Zones
- Aesthetics & Conservation: Forest (Land Cover)

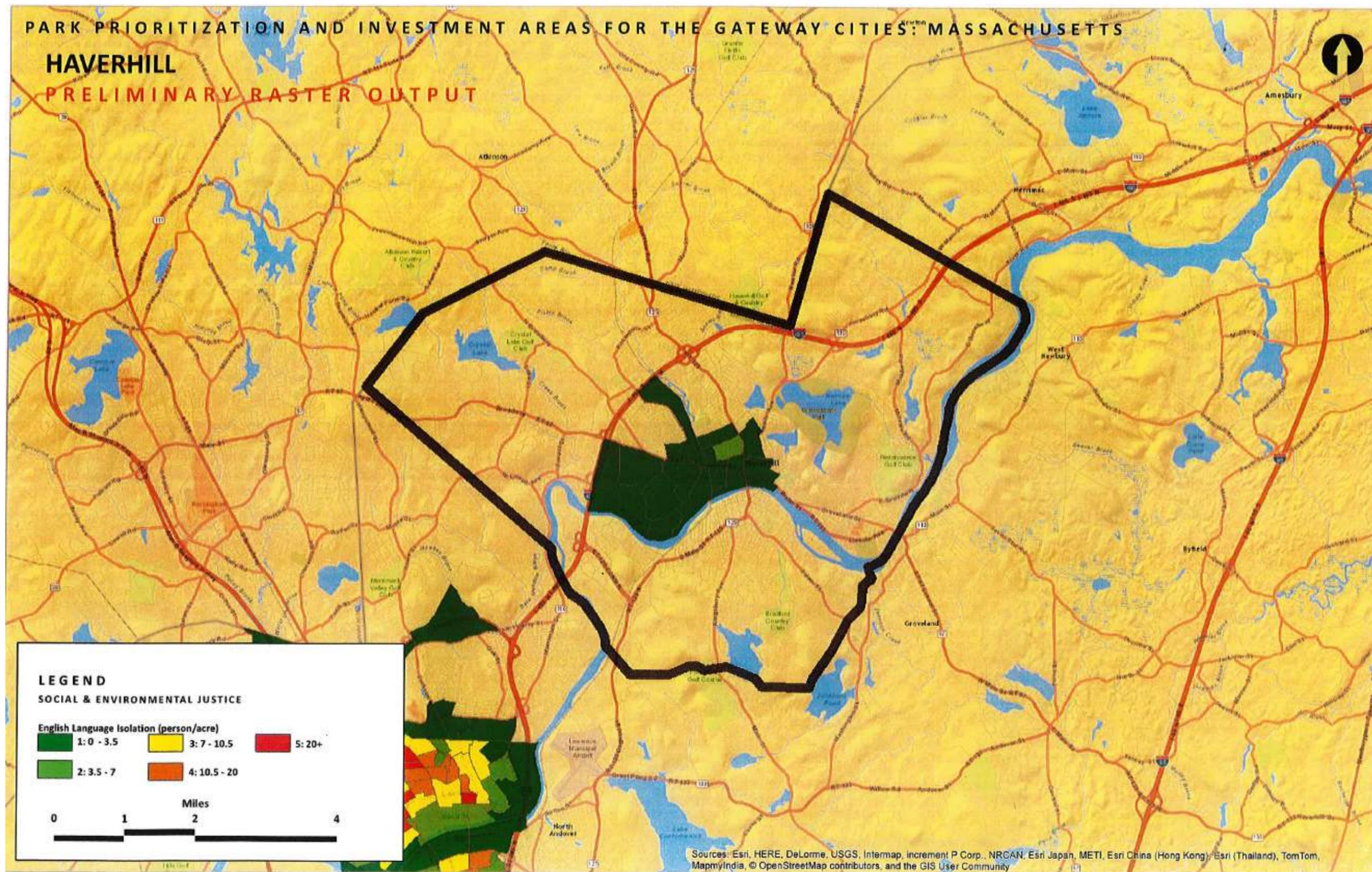


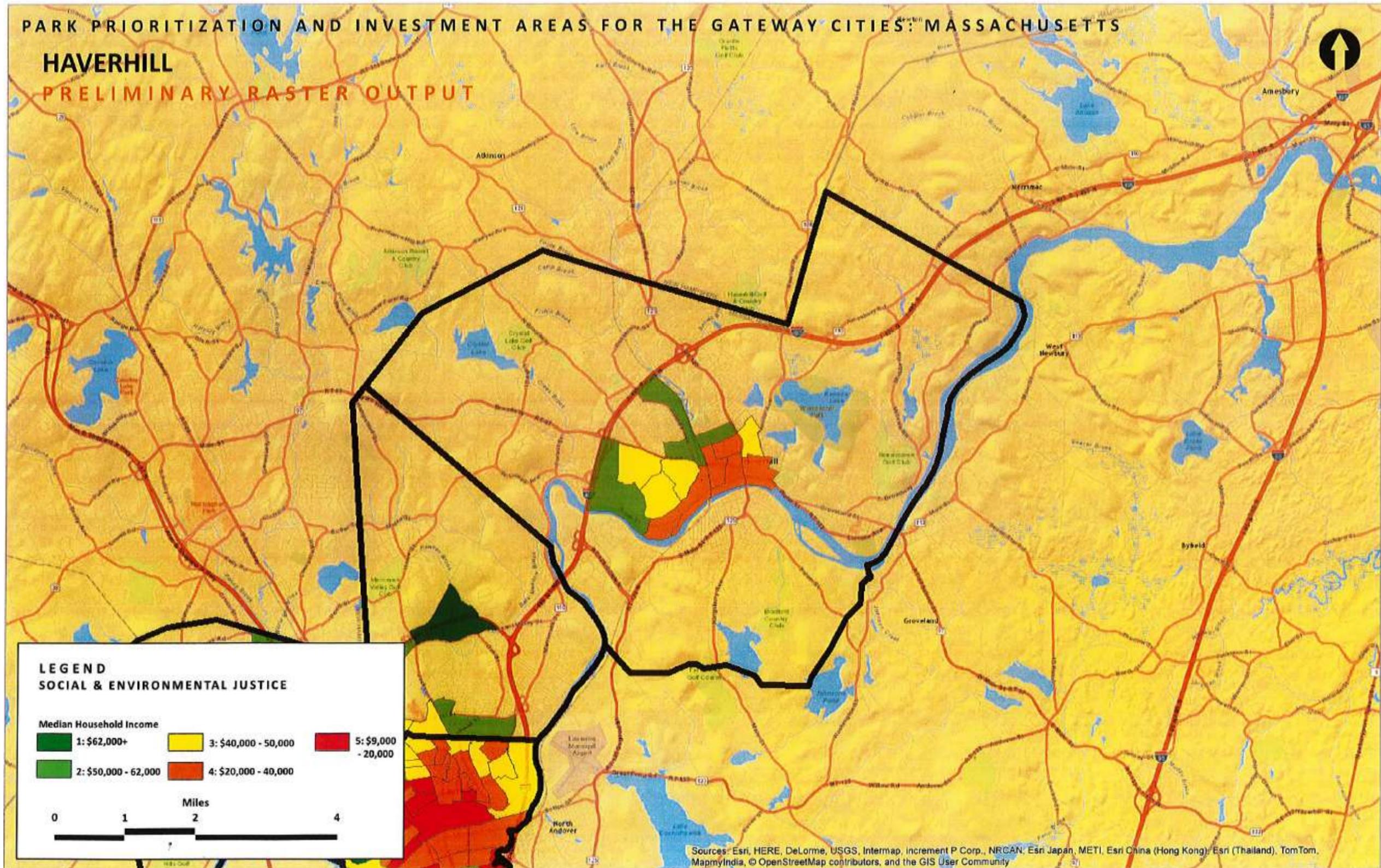








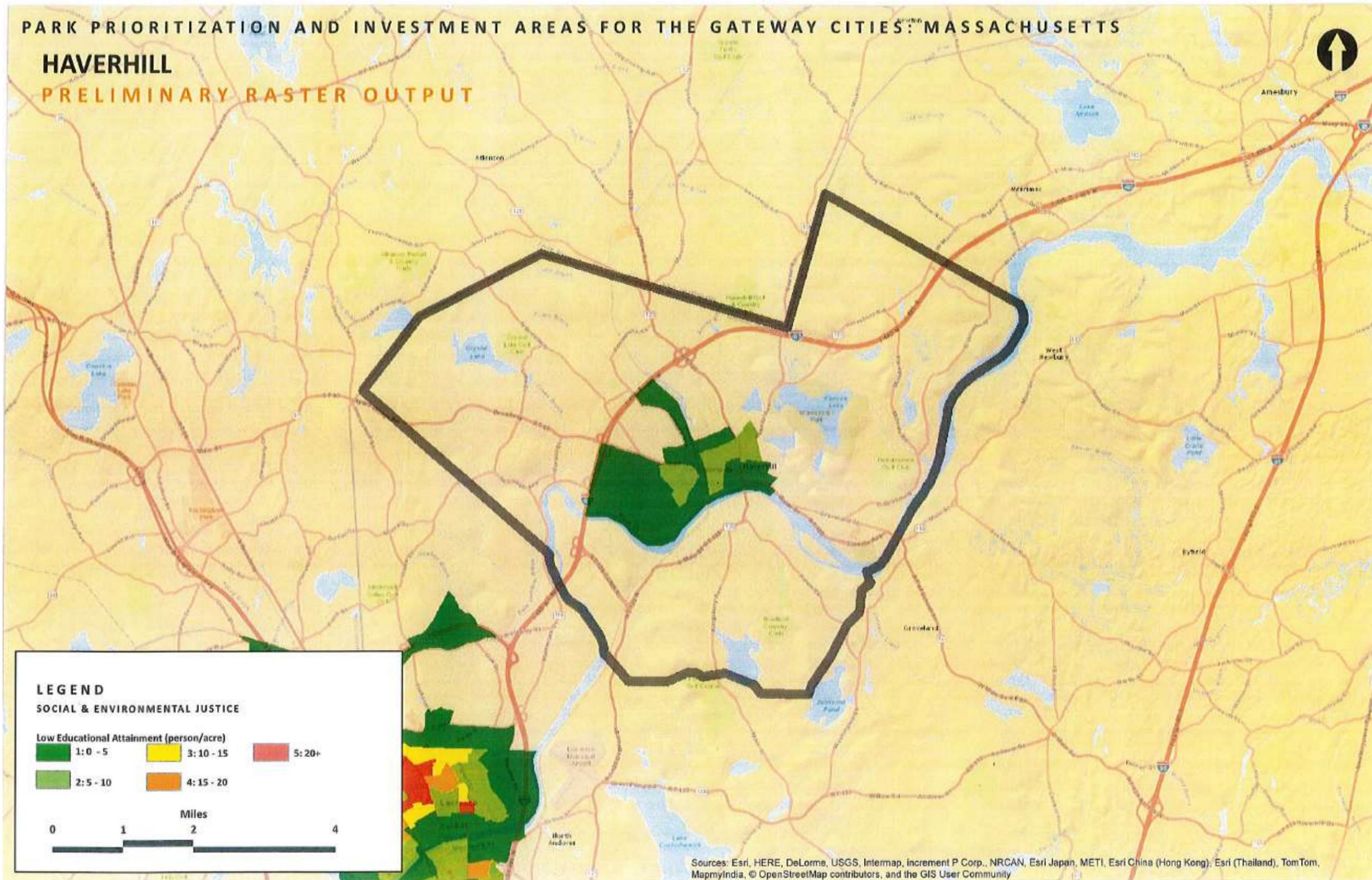




PARK PRIORITIZATION AND INVESTMENT AREAS FOR THE GATEWAY CITIES: MASSACHUSETTS

**HAVERHILL**

**PRELIMINARY RASTER OUTPUT**



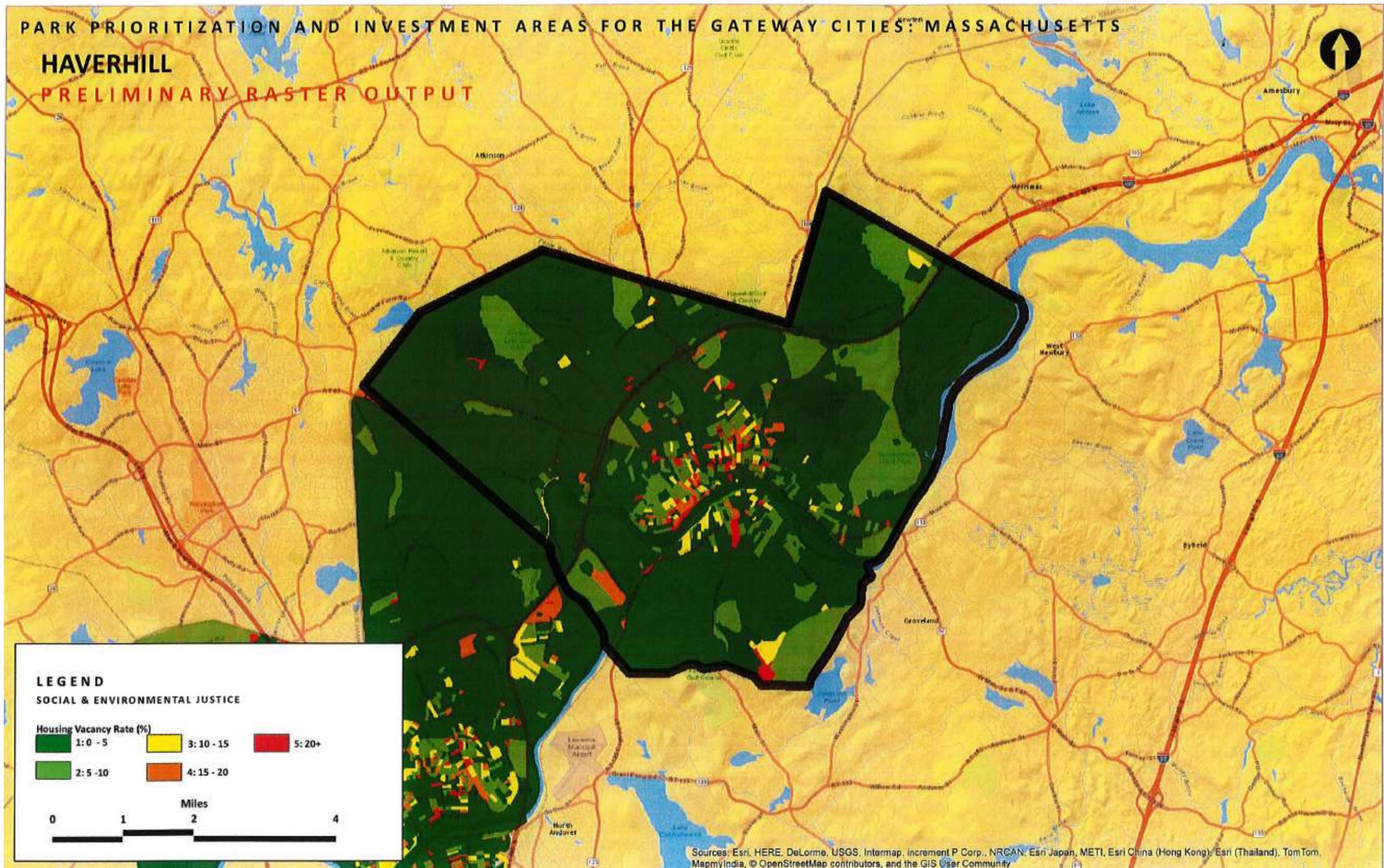
**LEGEND**  
SOCIAL & ENVIRONMENTAL JUSTICE

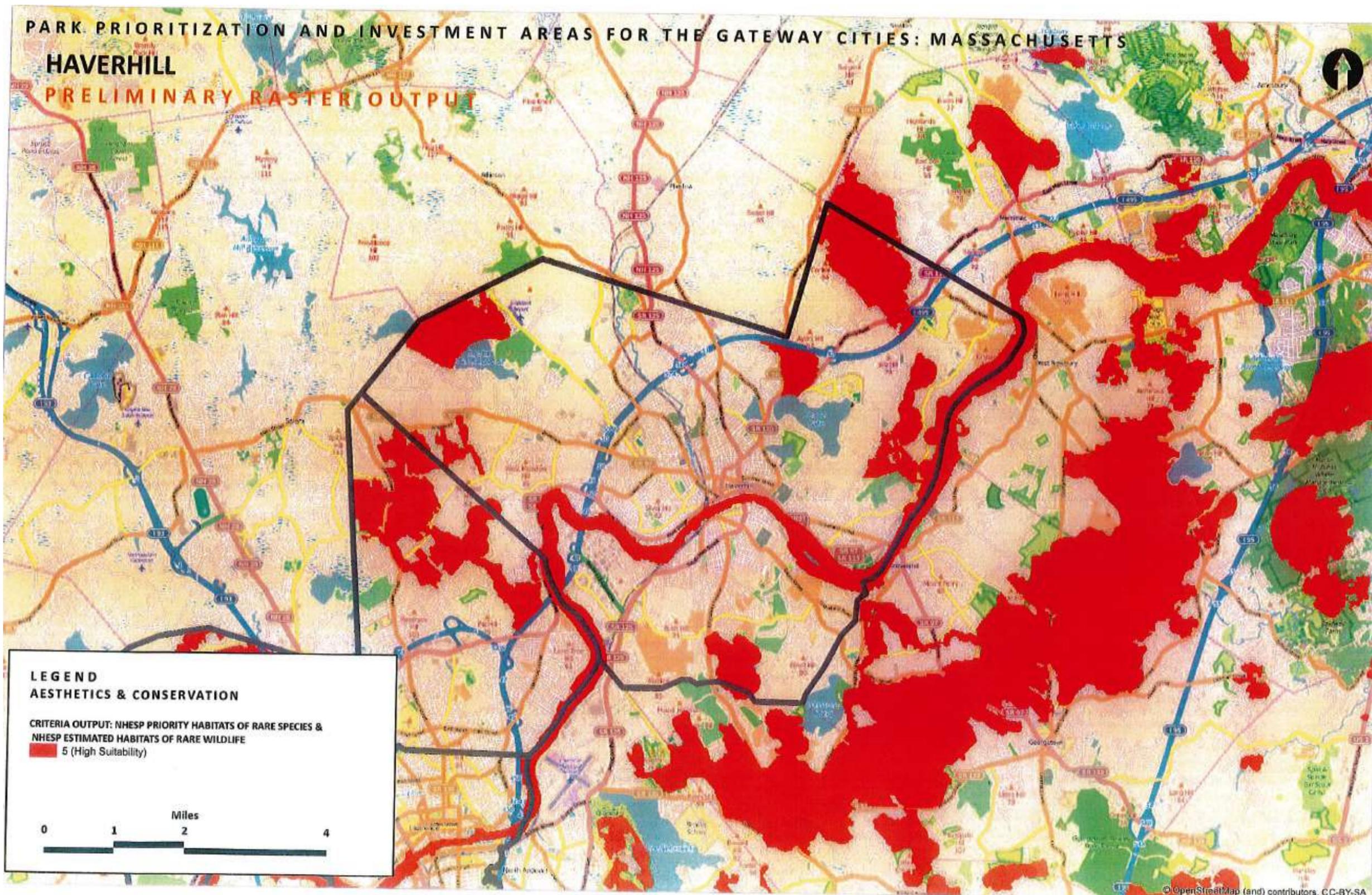
Low Educational Attainment (person/acre)

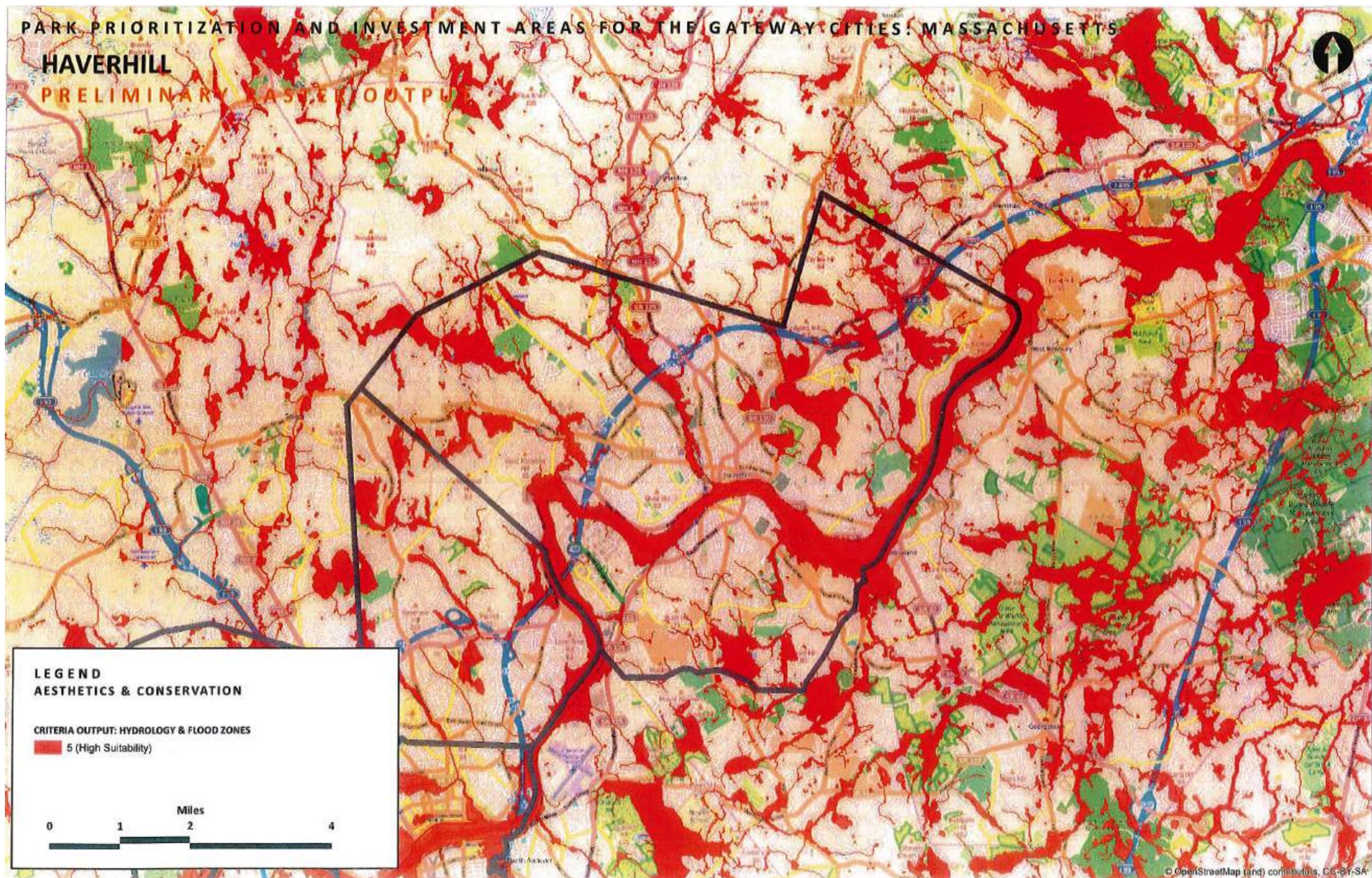
1: 0 - 5	3: 10 - 15	5: 20+
2: 5 - 10	4: 15 - 20	

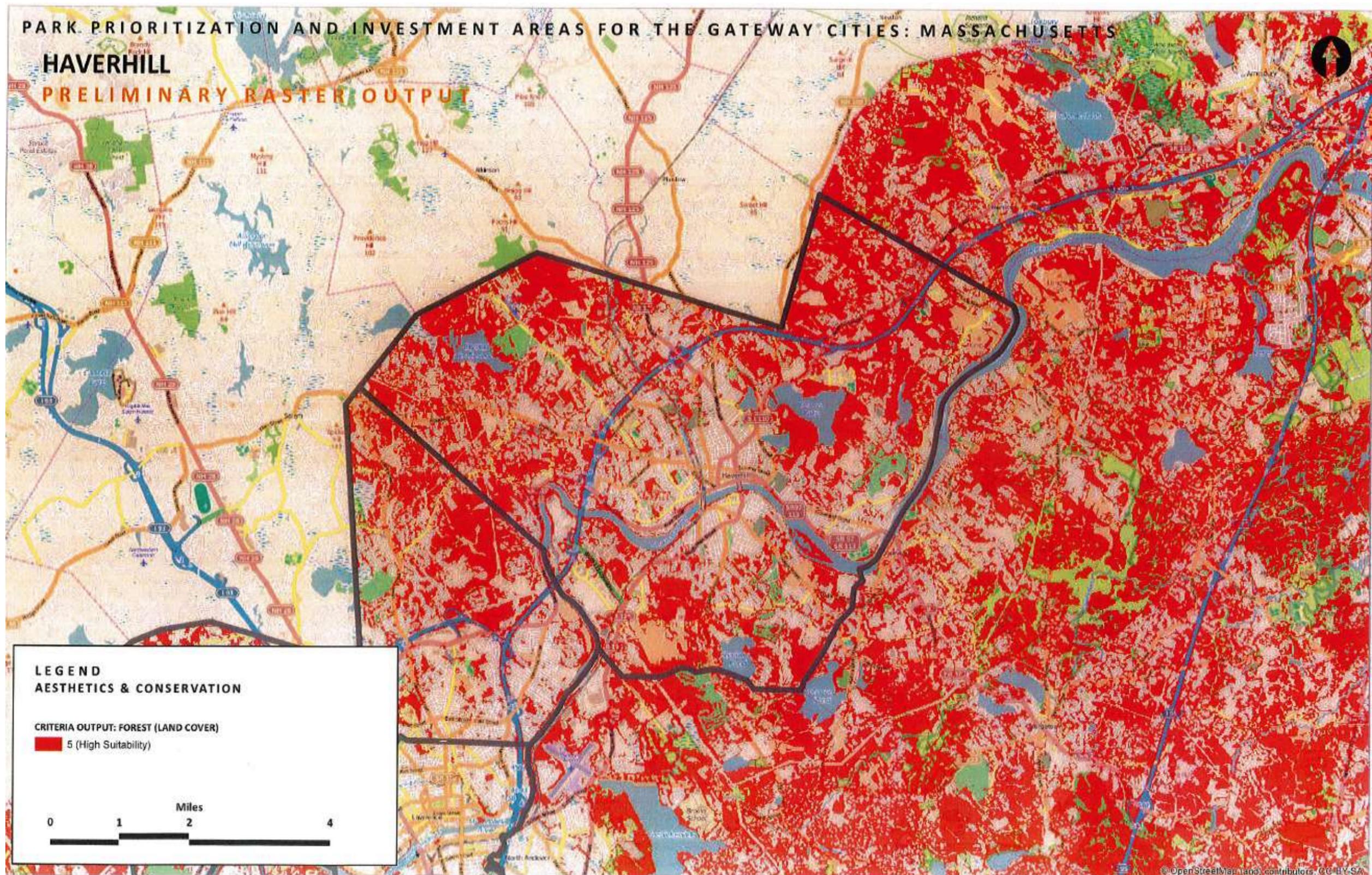


Sources: Esri, HERE, DeLorme, USGS, Intermap, increment P Corp., NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), TomTom, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community









**Appendix D**  
**Americans With Disabilities Act Self Evaluation, 2012-2017**  
**Prepared by Northeast Independent Living Program, Inc.**

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Note the following Appendix is an electronic conversion from a PDF document. Every effort has been made to reflect the content of the original document. The original PDF document may be found on the City's website:

[http://www.cityofhaverhill.org/departments/parks\\_and\\_conservation\\_areas/docs/OSRP\\_ADA\\_Self\\_Evaluation\\_2012\\_2017.pdf](http://www.cityofhaverhill.org/departments/parks_and_conservation_areas/docs/OSRP_ADA_Self_Evaluation_2012_2017.pdf)

**CITY OF HAVERHILL, MA  
Americans With Disabilities Act (ADA) Self Evaluation  
OPEN SPACE AND RECREATION PLAN**

**2012 -2017**



**CITY OF HAVERHILL, MA  
PARKS, RECREATION, and HUMAN SERVICES DEPARTMENT**

## **Preface:**

### Americans With Disabilities Act ADA/Section 504 Self-Evaluation

2012 City of Haverhill, MA Open Space and Recreation Plan

*Designation of ADA Coordinator:* The designated ADA Coordinator is Vinny Ouellette, Director Human Services/Parks & Recreation Department

#### *Public Notification Requirements*

Employment advertising contains non-discrimination statements and the Recreation Department program pamphlets, booklets, and all other information we provide includes a statement of willingness to accommodate those with special needs.

#### *Participation of Individuals or Organizations Representing the Disabled Community*

The Haverhill Disability Commission includes Pat Kalashian, Fran Hogan, Brian Langlois, and others who represent the disability community in the City. The City of Haverhill has contracted with the Northeast Independent Living Program (NILP) to provide the ADA Self-evaluation, and transition plan of all of our 18 active recreation sites (see attached list below). The NILP is a cross-disability, consumer controlled agency that has served Haverhill residents for 31 years. They provide advocacy, peer counseling, skills training and information and referral services to residents with disabilities.

Since 1.987 they have provided consultation for businesses, city and town governments, housing authorities, educational institutions, etc. to assist with completing requirements for Section 504/Americans with Disabilities Act (ADA) self-evaluation monitoring reviews/transition plans, and ADA sensitivity training, etc. Their consulting group is called The Northeast ADA Consultants (NEADAC).

#### *Programmatic Accessibility*

All government, recreation, elder services and public service programs provided by the City of Haverhill, MA are readily accessible and useable by persons with disabilities. These programs are held in buildings and facilities that provide accessibility.

#### *Transition Plan*

Since the 1990 under The Open Space and Recreation Plan, the City continues to upgrade our facilities to accommodate persons with disabilities.

#### *Facility Inventory*

All recreational facilities associated with the public schools have adequate access for disabled persons. As described in the transition plan above, the City is actively addressing those facilities

that have inadequate access as funding becomes available. See the facilities inventory attached that include all active recreation sites in the City.

### *Grievance Procedures*

Persons wishing to file a complaint alleging discrimination on the basis of disability in employment practices and policies or the provision of services, activities, programs and benefits by the City of Haverhill, MA should make the complaint in writing according to the grievance procedure adopted by the City and detailed in the attached document.

### TRANSITION PLAN

The following facilities inventory includes those facilities that are under the jurisdiction of the DPW, and/or Recreation Department, (and Winnekenni Foundation). Some of those parcels that are not intended for public use or access, including many lands under the jurisdiction of the Conservation Commission and classified as "open space", are not listed. In addition, all recreation programs and facilities associated with the public schools have adequate access for disabled persons. It should also be noted that when the outdoor facilities are in use, portable sanitary facilities are brought on site and at least one is fully accessible.

In our opinion, some fields discussed in this report are terrain -based. It is occasionally impossible to provide full access to all areas of every field and trail because to do so would destroy the woods, and alter the nature of the programs (see details explained in the specific individual self-evaluations to follow).

Other reasonable accommodations (RA's), and access needs should be provided, as requested. The ADA requirement for The City's Recreation and Open Space plan is that all services and programs be operated in such a way that, when viewed in their entirety, the program is readily accessible to, and useable by people with disabilities.

Along with posting the signs, and providing the recommendations made in this report, we recommend that the City post an ADA public notice, which is attached, on the main bulletin boards in the offices, in prominent locations.

The ADA Public notice found in the Appendices should be posted on the bulletin boards and public notice area. According to The ADA the notice is required to include the name and phone number of the paid staff member who has been designated as the agency's ADA Coordinator. The City Hall, as well as The Haverhill Citizens Center have already appropriately posted the ADA Public Notice. A complete example is attached.

Thank You,  
James F. Lyons, Jr.  
Community Development Director  
Northeast Independent Living Program, Inc.  
ADA Access Group  
20 Ballard Road  
Lawrence, MA 01843

## **Pertinent Background Information**

The Americans With Disabilities Act (ADA) contains the following five titles:

- o *Title I* - Employment (includes all Title II employers and private employers with 15 or more employees)
- o *Title II* - Public Services (state and local government including public school districts and employment services, Workforce Investment Boards).
- o *Title III* - Public Accommodations and Services operated by private entities
- o *Title IV* - Telecommunications
- o *Title V* - Miscellaneous Provisions

The Americans with Disability Act (ADA), signed by President Bush on July 26, 1990, is a landmark piece of legislation which extends civil rights protection to people with disabilities.

The City of Haverhill has done very well in providing consumer involvement during this process. The Northeast Independent Living Program (NILP) is a consumer controlled, cross-disability Independent Living agency, providing advocacy, peer counseling, skills training and information and referral services to persons with disabilities. The City has appropriate policies that comply with Title I that requires our employers to make reasonable accommodations - when requested, to the known physical or mental limitations of a qualified applicant or employee, unless such accommodations would impose an undue hardship on the city. The NILP is available to provide annual trainings on the ADA for City officials.

As concerns The Open Space and Recreation Plan, Title II of The ADA ensures that people with disabilities have equal opportunity access to existing Municipal programs & services. All college/university programs and activities/services must be fully available for individuals with disabilities unless this would present an undue burden.

Title II prohibits discrimination on the basis of disability in services, programs, and activities provided by public entities, including units of state, as well as City governments. The City of Haverhill actively enforces our ADA policies so that we provide that: No qualified individual with a disability is, solely by reason of his/her disability, never excluded from the participation in; nor denied the benefits of; or otherwise be subjected to discrimination under any of The City programs and activities.

The City realizes that the most effective and inclusive approach is to view a person with a disability in terms of what they can do rather than what they cannot. Therefore, City services and our innovative programs are designed in a way that anticipates meeting the needs of a broad diversity of individuals. This self-evaluation clearly illustrates that The ADA is of the utmost importance in everything that we do.

Title IV of the ADA amends the Communication Act of 1934 to require (among other things) that telephone companies provide telecommunication relay services. We effectively utilize these relay services to provide opportunities for communication to speech-impaired or hearing-impaired citizens who use TTYs, etc. that are equivalent to those provided to other city residents. The City fully recognizes that people with disabilities are a Major Segment of our Population - they make up a substantial portion of our workforce and potential workforce of this country. Approximately one in seven individuals in The U.S.A. has some type of disability.

**CITY OF HAVERHILL, MA**  
**PARKS, RECREATION, and HUMAN SERVICES DEPARTMENT**  
**Americans With Disabilities Act ADA/Section 504**  
**Self-Evaluation**

**Index**  
**Active Recreation Facilities**

Site	Acreage	Equipment / Facilities	Condition/ Comments	Maintenance Responsibilities:
1. American Legion Field/Clement Farm	40	4 Softball Fields general Recreation Fields	Good	DPW
2. Cashman's Field	5	2 Little League diamonds Skate Board park 1Basketball Court	Good children's play	DPW
3. Consentino Playfield	4.88	1Soccer Field 1Baseball diamond	Good	DPW
4. Fox Field	2	1baseball field	poor	DPW
5. Hunking Playfield	4.34	3 Little League diamonds	Fair/excellent	DPW
6. 1st. Washington Park	< 1	Street Hockey	poor	DPW
7. Plug Pond	98.81	beach/swimming area 12 benches children's play area picnic areas bath house boat ramp	good 4 benches and swimming area are in good condition	DPW
8. Portland Street	0.5	basketball court Tot Lot	Poor Good	DPW

Site	Acreage	Equipment / Facilities	Condition / Comments	Maintenance Responsibilities
9. Riverside Park	35	5 softball fields 3 Little League diamonds 3 basketball courts 1Sr. Diamond 1Soccer Field 1mile-Jong walking/jogging track 1car top boat ramp 2 horseshoe pits 6 picnic tables 3 tennis courts 1Tot Lot 1handicapped swing set 1swing set High School Athletics Stadium	Good Good Fair Fair Good Good Good Fair Poor Fair Excellent Fair Poor	DPW
10. Riverside Playground (Zins Park)	1.5	bench monument	Excellent	DPW
11. Rocks Village Playground	< 1	children's play area	Poor	DPW
12. Smiley School Playground	1.2	play equipment no development	Good	DPW
13. Swasey Playfield	14	2 Little League diamonds Major League Basketball courts poles Tot Lot	Poor/Fair Fair Fair Fair/Poor	DPW
14. Tilton School Playground	1	basketball court no development	Poor	DPW
15. 12th Avenue Playground	2	1baseball diamond tennis courts basketball court tot lot	Good/Fair Poor Fair Excellent	DPW
16. Union Street Playground	< 1	basketball court Tot Lot	Poor Poor	DPW
17. Veterans Memorial Ice Skating Rink	3.79	ice skating rink meeting rooms	Good	State-owned City-maintained
18. Walnut Square Playground	< 1	no development Tot Lot	(asphalt) Good Good	DPW

Site	Acreage	Equipment / Facilities	Condition / Comments	Maintenance Responsibilities
19. Winnekenni Park	214	3 tennis courts skating pond picnic area Tot Lot trails	Fair  Good Some trails in Poor condition	DPW and Winnekenni Fonndation
20. Wood School Playground	1.7	1 Little League diamond basketball court 1 tennis court play equipment	Fair/Good Good Poor	DPW
21. Crystal Gorge Conservation Area				

**Americans With Disabilities Act (ADA) Self Evaluation  
OPEN SPACE AND RECREATION PLAN  
ADA FACILITIES INVENTORY**

Activity: ADA Self Evaluation and Transition Plan:

1. Facility: American Legion Field/Clement Farm

Location: 1314 Main Street

ADA Self-Evaluation

6/5/12

Americans with Disabilities Act-ADA  
Self-Evaluation/Site Access Survey for the City of Haverhill  
Open Space and Recreation Plan  
Haverhill, MA 01830

American Legion Field/Clement Farm  
1314 Main Street  
Haverhill, MA 01830

The American Legion Field/Clement Farm is comprised of: four softball fields as well as general recreation fields. James Lyons, Americans With Disabilities Act (ADA) Consultant, completed an ADA self-evaluation on June 5, 2012. We have completed an Americans with Disability Act (ADA) Self-evaluation and Transition Plan. The ADA requirement for the site is that it be operated in such a way that, when viewed in its entirety, the site is readily accessible to, and useable by people with disabilities. The ADA is the program accessibility standard this refers to, and it is one of the most important concepts in ADA compliance.

Also, the field has essentially been brought into compliance with the ADA as well as Commonwealth of Massachusetts Architectural Access Boards regulations (521 CMR). We appreciate the hospitality of Vinny Ouellette, Human Services/Recreation Department Director who assisted us with setting up the access survey today.

The field is listed in good condition, and the ADA consultants were impressed with the ADA compliance at the site, In fact, The City and The Human Services/ Recreation Department have provided some basic ADA improvements at The Field.

The 40-acre Clement Farm forest is located in a northwest section of Haverhill along the Plaistow, New Hampshire border. Route 121 is the properties eastern boundary. The Clement Farm property is approximately one mile northwest of Exit 51 off of Route 495 and the highly populated city limits of Haverhill on the west side of Route 495. The property is surrounded by private land. Densely populated residential dwellings and commercial properties are located along Route 121 near the Clement Farm property.

The non-forested areas on the property also include five softball fields, a 25 car parking lot and an open field in the south east corner of the property along Route 121. The field is used periodically for car shows, flea markets, picnicking and other local events approved by the City

of Haverhill. The location and non-forest uses of this property make it attractive to people for hiking. The property is listed in the Haverhill Trails Committee guide: A Guide to Exploring Haverhill Trails Cultural resources are associated with the Clement Farm property.

In our opinion the following issues and remaining accessibility were found:

**Accessible Parking** - There is no HP van space or van accessible sign, at least 5' above the ground. The ADA Access Guidelines (ADAAG) require-One space should be a "Van Accessible" space 8 foot wide with an 8-foot access aisle and van accessible sign. We recommend that one designated accessible (or HP) parking space be striped on the street as part of The ADA Transition Plan.

The entrance is essentially accessible, and a person using a wheelchair is readily able to get into the field because the ground is flat along the way. The topography of the land, in my opinion, is essentially in compliance at this time.

ADAAG 4.13.5 states that- entrances shall have a minimum clear opening of 32 inches so that a person using a wheelchair can readily gain entrance to the site. This has been accomplished here, and there are no other ADA needs identified at the beautiful fields.

Thank You,  
James Lyons

Americans With Disabilities Act (ADA) Self Evaluation  
OPEN SPACE AND RECREATION PLAN  
ADA FACILITIES INVENTORY

Activity: ADA Self Evaluation and Transition Plan:  
2. Facility: Cashman's Field

Location: 187 Hilldale Road  
ADA Self-Evaluation  
5/25/12

Americans with Disabilities Act-ADA  
Self-Evaluation/Site Access Survey for the City of Haverhill  
Open Space and Recreation Plan  
Haverhill, MA 01830  
Cashman's Field  
187 Hilldale Road  
Haverhill, MA 01830

Cashman's Field is comprised of: two little League diamonds, a skate board park, as well as one basketball court. James Lyons, ADA Consultant, completed an ADA self-evaluation on May 25, 2012. We have completed an Americans with Disability Act (ADA) Self-evaluation and Transition Plan. The ADA requirement for the site is that it be operated in such a way that, when viewed in its entirety, the services offered are readily accessible to, and useable by people with disabilities. The ADA is the program accessibility standard this refers this to, and it is one of the most important concepts in ADA compliance. Also, the fields have essentially been brought into compliance with the ADA as well as Commonwealth of Massachusetts Architectural Access Boards regulations (521 CMR).

The field is listed in good condition, and the ADA consultants were impressed with much of the ADA compliance at the site. In fact, The City and The Human Services/ Recreation Department have provided some ADA improvements at this wonderful site. The field is nicely maintained by the Haverhill Department of Public Works (HDPW).

***For example, The Accessible unisex Restroom:*** A very nice job was done on the installation of the accessible outdoor restroom that has been already installed (in 2010). Since this field has an adapted unisex restroom, and we found a few violations that can readily be fixed. First, we found that the unisex restroom has two sets of grab bars installed correctly on the back, and side of the accessible toilet. The door opening pressure is perfect, and has been adjusted to 5 lbs opening pressure. Additionally, this restroom has the required Braille/ raised-lettered signage, the door handle is accessible. i.e. operable with a closed fist. The ADA Accessibility Guidelines (ADAAG) Section 4.13.9 requires that -operating devices on an accessible door shall have a shape that is easy to grasp with one hand.

The entrance to the field is not accessible due to steel and wooden posts in the center. The chain link fence does not have an accessible door gate. We recommend the installation of a new accessible 36 inch wide door swing gate entranceway.

ADAAG 4.13.5 states that- entrances shall have a minimum clear opening of 32 inches so that a person using a wheelchair can readily gain entrance to the field. There are no other ADA needs identified at Cashman's Field. James Lyons

### 3. Americans With Disabilities Act (ADA) Self Evaluation OPEN SPACE AND RECREATION PLAN ADA FACILITIES INVENTORY

Activity: ADA Self Evaluation and Transition Plan:  
3. Facility: Consentino Playfield

Location: 685 Washington Street  
ADA Self-Evaluation  
6/5/12

Americans with Disabilities Act-ADA  
Self-Evaluation/Site Access Survey for the City of Haverhill  
Open Space and Recreation Plan  
Haverhill, MA 01830  
Consentino Playfield  
Haverhill, MA 01830

The Consentino Playfield is comprised of: one baseball diamond, tennis courts, one soccer field, and one baseball diamond. James Lyons, ADA Consultant, completed an ADA self-evaluation on June 5, 2012. We have completed an Americans with Disability Act (ADA) Self-evaluation and Transition Plan. The ADA requirement for the playfield is that it be operated in, such a way that, when viewed in its entirety, the site is readily accessible to, and useable by people with disabilities. The ADA is the program accessibility standard this refers this to, and it is one of the most important concepts in ADA compliance. Also, the playfield has been brought into compliance with the ADA as well as Commonwealth of Massachusetts Architectural Access Boards regulations (521 CMR).

The site is listed in good condition, and the ADA consultants were impressed with much of the ADA compliance at the site. In fact, The City and The Human Services/ Recreation Department have provided some ADA improvements at The Consentino Playfield. In our opinion the following issues and remaining accessibility were found:

**Accessible Parking**-There is no accessible parking-HP van space or van accessible sign. The ADA Access Guidelines (ADAAG) require-One space should be a "Van Accessible" space 8 foot wide with an 8-foot access aisle and van accessible sign. We recommend that one designated accessible (or HP) parking space be striped in the parking lot closest as possible to the ball fields as part of The ADA Transition Plan. There are no other ADA needs identified at the Consentino playfield.

Thank You,  
James Lyons  
ADA Consultant

4. Americans With Disabilities Act (ADA) Self Evaluation  
OPEN SPACE AND RECREATION PLAN  
ADA FACILITIES INVENTORY

Activity: ADA Self Evaluation and Transition Plan:  
4. Facility: Fox Field

Location: 367 South Main Street  
ADA Self-Evaluation

5/25/12

Americans with Disabilities Act-ADA  
Self-Evaluation/Site Access Survey for the City of Haverhill  
Open Space and Recreation Plan  
Haverhill, MA 01830  
Fox Field  
367 South Main Street  
Haverhill, MA 01830

The Fox Field is comprised of: one baseball field. James Lyons, ADA Consultant, completed an ADA self-evaluation on May 25, 2012. We have completed an Americans with Disability Act (ADA) Self-evaluation and Transition Plan. The ADA requirements for The Fox Field is that it be operated in such a way that, when viewed in its entirety, the school is readily accessible to, and useable by people with disabilities.

The field is listed in poor condition, and the ADA consultants found that there is ADA compliance at the site. In fact, The City and The Human Services/ Recreation Department have provided some ADA improvements at Fox Field. In our opinion the following issues and remaining accessibility needs were found:

**Accessible Parking**-There is no HP van space or van accessible sign. The ADA Access Guidelines (ADAAG) require-One space should be a "Van Accessible" space 8 foot wide with an 8-foot access aisle and van accessible sign. We recommend that one designated accessible (or HP) parking space be striped on the street as part of The ADA Transition Plan.

- There are no other ADA needs identified at the Fox Field.

Thank You,  
James Lyons

5. Americans With Disabilities Act (ADA) Self Evaluation  
OPEN SPACE AND RECREATION PLAN  
ADA FACILITIES INVENTORY

Activity: ADA Self Evaluation and Transition Plan: Facility: Hunking Playfield

5. Location: 551 Winchester Street  
ADA Self-Evaluation  
6/25/12

Americans with Disabilities Act-ADA  
Self-Evaluation/Site Access Survey for the City of Haverhill  
Open Space and Recreation Plan  
Haverhill, MA 01830  
Hunking Playfield  
551 Winchester Street  
Haverhill, MA 01830

The Hunking Playfield is comprised of: three little league diamonds, and a basketball court. James Lyons, ADA Consultant, completed an ADA self- evaluation on May 25, 2012. We have completed an Americans with Disability Act (ADA) Self-evaluation and Transition Plan. The ADA requirements for playfield is that it be operated in such a way that, when viewed in its entirety, the school is readily accessible to, and useable by people with disabilities. The ADA is the program accessibility standard refers this to, and it is one of the most important concepts in ADA compliance. Also, the playfield has been brought into compliance with the ADA as well as Commonwealth of Massachusetts Architectural Access Boards regulations (521 CMR). We appreciate the hospitality of Vinny Ouellette, Human Services/Recreation Department Director who assisted us with setting up the access survey today. The ballfield is nicely maintained by the Haverhill Department of Public Works (DPW).

The site is listed in excellent/fair condition, and the ADA consultants were impressed with much of the ADA compliance at the site. In fact, The City and The Human Services/ Recreation Department have provided some ADA improvements at the site. In our opinion the following issues and remaining accessibility were found:

**Accessible Parking**-T here is no HP van space or van accessible sign. The ADA Access Guidelines (ADAAG) require-One space should be a "Van Accessible" space 8 foot wide with an 8-foot access aisle and van accessible sign. We recommend that one designated accessible (or HP) parking space be striped at the parking space that is nearest to the baseball field entrance as part of The ADA Transition Plan. The sidewalk entrance to the ball field does not have a curb cut. I recommend that a curb cut be installed to allow a fully accessible path of travel from the parking lot to the ballfields.

The 2010 ADA Standards for Accessible Design require, as per Section: **406 Curb Ramps, part 406.1 General**. Curb ramps on accessible routes shall comply with 406, 405.2 through 405.5, and should include- Counter slopes of adjoining gutters and road surfaces immediately adjacent to the curb ramp shall not be steeper than 1:20. The adjacent surfaces at transitions at curb ramps to walks, gutters, and streets shall be at the same level. Also applicable at The field is- ADAAG Section: 406.3 Sides of Curb Ramps. Where provided, curb ramp flares shall not be steeper than 1:10. 406.4 Landings. Landings shall be provided at the tops of curb ramps. The landing clear length shall be 36 inches (915 mm) minimum. The landing clear width needs to be at least as wide as the curb ramp, excluding flared sides, leading to the landing.

Thank You,  
James Lyons  
Community Development Director  
Northeast ADA Consultants

6. Americans With Disabilities Act (ADA) Self Evaluation  
OPEN SPACE AND RECREATION PLAN  
ADA FACILITIES INVENTORY

Activity: ADA Self Evaluation and Transition Plan:

6. Facility: Mount Washington Park

Duncan Street

6/14/12

Americans with Disabilities Act-ADA  
Self-Evaluation/Site Access Survey for the City of Haverhill  
Open Space and Recreation Plan  
Haverhill, MA 01830  
Mount Washington Park  
Haverhill, MA 01830

Mount Washington Park is comprised of: a street hockey area, open field, and a beautiful stone monument that is a memorial dedication in the center of the park. James Lyons, ADA Consultant, completed an ADA self- evaluation on June 14, 2012. We have completed an Americans with Disability Act (ADA) Self-evaluation and Transition Plan. The ADA requirement for the park is that it be operated in such a way that, when viewed in its entirety, the services offered by the City are readily accessible to, and useable by people with disabilities. The ADA is the program accessibility standard this refers this to, and it is one of the most important concepts in ADA compliance. Also, the playground has been brought into compliance with the ADA as well as Commonwealth of Massachusetts Architectural Access Boards regulations (521 C:MR). We appreciate the hospitality of Vinny Ouellette, Human Services/Recreation Department Director who assisted us with setting up the access survey today.

The park is listed in fair/poor condition, and the ADA consultants found that most of the site is in ADA compliance. In our opinion the following issues and remaining accessibility needs were found:

**Accessible Parking**-T here is no HP van space or van accessible (above ground) sign. The ADA Access Guidelines (ADAAG) require-One space should be a "Van Accessible" space 8 foot wide with an 8-foot access aisle and van accessible sign. We recommend that one designated accessible (or HP) parking space be striped on the street as part of The ADA Transition Plan. A curb cut is needed at the sidewalk to service one of the entrances.

The entrance to the flagpole is not accessible at this time. I recommend that a 4' accessible (dense, graded stone-pack, or cement) surface be extended all the way to the flagpole. There are no other ADA needs identified at the site.

Thank You,  
James Lyons  
ADA Consultant

7. Americans With Disabilities Act (ADA) Self Evaluation OPEN SPACE AND  
RECREATION PLAN  
ADA FACILITIES INVENTORY

Activity: ADA Self Evaluation and Transition Plan:

7. Facility: Plug Pond

Location: 347 Kenoza Avenue  
ADA Self-Evaluation  
6/25/12

Americans with Disabilities Act-ADA  
Self-Evaluation/Site Access Survey for the City of Haverhill  
Open Space and Recreation Plan  
Haverhill, MA 01830  
Plug Pond  
347 Kenoza Avenue  
Haverhill, MA 01830

Plug Pond is comprised of: a beach and swimming area, children's play area, twelve benches, picnic areas, a bath house, and a boat ramp. Plugs Pond (Lake Saltonstall) Swimming & Picnic Area. It is described as a lakefront facility providing various city-run programs (i.e. fishing, boating, swimming). The facility includes a boat dock bathhouse, boathouse, volleyball courts and a boat ramp. Other programs include annual fishing derbies and Native American Pow-Wow.

James Lyons, ADA Consultant, completed an ADA self-evaluation on June 25, 2012. We have completed an Americans with Disability Act (ADA) Self-evaluation and Transition Plan. After conducting a full access evaluation, we found that the Plug Pond has been brought into compliance with the ADA as well as Commonwealth of Massachusetts Architectural Access Boards regulations (521 CMR). We appreciate the hospitality of Vinny Ouellette, Human Services/Recreation Department Director, as well as the summer staff on duty who assisted us with setting up the access survey today.

In fact, we find that Plug Pond is a favorite recreation spot. Activities for Haverhill Residents only, during the summer months include a swimming area, municipal boating program, picnicking and bathroom facilities. It is also a state-stocked fishing area which is open to residents, as well as non-residents, year round. As described in the City's excellent website, in

1976, the city acquired 50.8 acres of Conservation land between Winnekenni Castle and Plug Pond.

Plug Pond is listed in good condition, and the ADA consultants are impressed with much of the ADA compliance at the site. In fact, The City and The Human Services/ Recreation Department have provided some ADA improvements at The Plug Pond. **The beach and beautiful swimming areas are fully accessible via a (concrete paved) walkway the City has already installed that provides accessibility for everyone all the way down to the water. This is another innovative action the City has done that shows the exemplary dedication to The ADA shown by the Human Services/Recreation Departments.**

In our opinion the following issues and remaining accessibility were found: **Accessible Parking-** There is no HP van space or van accessible signs (at least 5' high) in both the upper, and lower parking lots. The ADA Access Guidelines (ADAAG) require-One space should be a "Van Accessible" space 8 foot wide with an 8-foot access aisle and van accessible sign be installed. We recommend that one designated accessible (or HP) parking space be striped in both parking lots as part of The ADA Transition Plan.

A raised letter/Braille **sign** is needed on the accessible stall of both the Ladies, as well as the Mens rooms.

Thank You,  
James Lyons  
Community Development Director  
Northeast Independent Living Program, Inc.  
Northeast ADA Consultants  
20 Ballard Road,  
Lawrence, MA 01843,  
James Lyons, ADA Consultant

Americans With Disabilities Act (ADA) Self Evaluation OPEN SPACE AND RECREATION  
PLAN  
ADA FACILITIES INVENTORY

Activity: ADA Self Evaluation and Transition Plan:  
8. Facility: Portland Street Park

Location: Portland Street  
ADA Self-Evaluation  
5/25/12

Americans with Disabilities Act-ADA  
Self-Evaluation/Site Access Survey for the City of Haverhill

Open Space and Recreation Plan  
Haverhill, MA 01830  
Portland Street Playground  
Haverhill, MA 01830

The Portland Street Park is comprised of: one baseball court, and a tot lot. James Lyons, ADA Consultant, completed an ADA self-evaluation on May 25, 2012. We have completed an Americans with Disability Act (ADA) Self-evaluation and Transition Plan at the Portland Street Playground.

The park is listed in good condition, and the ADA consultants were impressed with much of the ADA compliance at the site. In fact, The City and The Human Services/ Recreation Department have provided some ADA improvements at The Portland Street playground. In our opinion the following issues and remaining accessibility were found:

**Accessible Parking**-There is no HP van space or van accessible sign. The ADA Access Guidelines (ADAAG) require-One space should be a "Van Accessible" space 8 foot wide with an 8-foot access aisle and van accessible sign. We recommend that one designated accessible (or HP) parking space be striped on the street as part of The ADA Transition Plan.

James Lyons, ADA Consultant

Americans With Disabilities Act (ADA) Self Evaluation  
OPEN SPACE AND RECREATION PLAN  
ADA FACILITIES INVENTORY

Activity: ADA Self Evaluation and Transition Plan:

Facility: Riverside Park

9. Location: Riverside Park

ADA Self-Evaluation

5/25/12

Americans with Disabilities Act-ADA  
Self-Evaluation/Site Access Survey for the City of Haverhill  
Open Space and Recreation Plan  
Haverhill, MA 01830  
Riverside Park  
Lincoln Avenue  
Haverhill, MA 01830

Riverside Park is a multi-purpose park that includes 5 baseball diamonds, 5 softball diamonds, mile-long walking path, snack bar facilities, bathroom facilities, 3 basketball courts, street

hockey area, carry-top boat ramp, 2 tot- lots, 1 handicapped swing set, 2 parking lots, volleyball court, picnic benches, skating area, 2 horseshoe pits, and 4 tennis courts. James Lyons, ADA Consultant, completed an ADA self-evaluation on May 25, 2012. We have completed an Americans with Disability Act (ADA) Self-evaluation and Transition Plan. The ADA requirements for The Park is that it be operated in such a way that, when viewed in its entirety, the school is readily accessible to, and useable by people with disabilities. The ADA is the program accessibility standard this refers to, and it is one of the most important concepts in ADA compliance. Also, the park has been brought into compliance with the ADA as well as Commonwealth of Massachusetts Architectural Access Boards regulations (521 CMR). We appreciate the hospitality of Vinny Ouellette, Human Services/Recreation Department Director who assisted us with setting up the access survey today.

The park is listed in good condition, and the ADA consultants were impressed with much of the ADA compliance at the site. In fact, The City and The Human Services/ Recreation Department have provided some ADA improvements at the site. In our opinion the following issues and remaining accessibility were found:

***Accessible Parking***-There is no HP van space or van accessible sign. The ADA Access Guidelines (ADAAG) require-One space should be a "Van Accessible" space 8 foot wide with an 8-foot access aisle and van accessible sign. We recommend that one designated accessible (or HP) parking space be striped on the street as part of The ADA Transition Plan.

The new unisex restroom does have the raised-lettering/Braille signs, and the City has added two more restrooms for the park. These restrooms are in full compliance with grab bars, raised toilet seat, sink, and paper dispensers. An excellent job was done on the new restroom. The older restrooms need two raised-letter/Braille signs one for the Ladies, and one for the mens rooms. The park should, in my opinion add one accessible picnic table. The park also needs three more accessible parking spaces installed, and the front, and rear entrances.

Thank You,  
James Lyons  
Community Development Director  
Northeast Independent Living Program, Inc.  
Northeast ADA Consultants  
20 Ballard Road,  
Lawrence, MA 01843,  
James Lyons, ADA Consultant

Americans With Disabilities Act (ADA) Self Evaluation  
OPEN SPACE AND RECREATION PLAN  
ADA FACILITIES INVENTORY

Activity: ADA Self Evaluation and Transition Plan:

10. Facility: Riverside Playground (Zins Park)

ADA Self-Evaluation

6/25/12

Americans with Disabilities Act-ADA  
Self-Evaluation/Site Access Survey for the City of Haverhill  
Open Space and Recreation Plan  
Haverhill, MA 01830  
Riverside Playground (Zins Park)  
Haverhill, MA 01830

The Riverside Playground is comprised of: one bench, and a monument. James Lyons, ADA Consultant, completed an ADA self-evaluation on May 25, 2012. We have completed an Americans with Disability Act (ADA) Self-evaluation and Transition Plan. The ADA requirements for The Playground is that it be operated in such a way that, when viewed in its entirety, it is readily accessible to, and useable by people with disabilities.

The ADA is the program accessibility standard this refers to, and it is one of the most important concepts in ADA compliance. Also, the playground has been brought into compliance with the ADA as well as Commonwealth of Massachusetts Architectural Access Boards regulations (521 CMR). We appreciate the hospitality of Vinny Ouellette, Human Services/Recreation Department Director who assisted us with setting up the access survey today.

The park is listed in excellent condition, and the ADA consultants were impressed with much of the ADA compliance at the site. In fact, The City and The Human Services/ Recreation Department have provided some ADA improvements at The site. In our opinion the following issues and remaining accessibility were found:

**Accessible Parking**-There is no accessible (HP) van space nor 5' above ground van accessible sign. The ADA Access Guidelines (ADAAG) require-One space should be a "Van Accessible" space 8 foot wide with an 8-foot access aisle and van accessible sign. We recommend that one designated accessible (or HP) parking space be striped on the street as part of The ADA Transition Plan.

11. Americans With Disabilities Act (ADA) Self Evaluation  
OPEN SPACE AND RECREATION PLAN  
ADA FACILITIES INVENTORY

Activity: ADA Self Evaluation and Transition Plan:

11.Facility: Rocks Village Playground

ADA Self-Evaluation 6/25/12

Americans with Disabilities Act-ADA  
Self-Evaluation/Site Access Survey for the City of Haverhill  
Open Space and Recreation Plan  
Haverhill, MA 01830  
Rocks Village Playground  
Haverhill, MA 01830

Rocks Village Playground is no longer used as a children's play area. The playground was listed in good/poor condition, therefore The City has closed it. As such, there is no requirement for an ADA Transition Plan unless the playground is re-opened to the public in the future.

Thank You,  
James Lyons  
Community Development Director  
Northeast Independent Living Program, Inc.  
Northeast ADA Consultants  
20 Ballard Road,  
Lawrence, MA 01843,  
James Lyons, ADA Consultant

12. Americans With Disabilities Act (ADA) Self Evaluation  
OPEN SPACE AND RECREATION PLAN  
ADA FACILITIES INVENTORY

Activity: ADA Self Evaluation and Transition Plan:  
12. Facility: Smiley School Playground

Location: 969 Main Street  
ADA Self-Evaluation  
6/25/12

Americans with Disabilities Act-ADA  
Self-Evaluation/Site Access Survey for the City of Haverhill  
Open Space and Recreation Plan  
Haverhill, MA 01830  
Smiley School Playground  
969 Main Street  
Haverhill, MA 01830

The Smiley School Playground is comprised of play equipment, and no development (a small open grassy field). James Lyons, ADA Consultant, completed an ADA self-evaluation on May 25, 2012. We have completed an Americans with Disability Act (ADA) Self-evaluation and Transition Plan. The ADA requirements for The Playground is that it be operated in such a way

that, when viewed in its entirety, the playground is readily accessible to, and useable by people with disabilities.

The playground is listed in good condition, and the ADA consultants were impressed with much of the ADA compliance at the site. In our opinion the following issues and remaining accessibility were found:

All means of entry to the play equipment, as well as the field are flat, and currently accessible. No needs were found at this site at this time. In the event that upgrades, refurbishments, increased play usage, or additions are made to the children's play equipment, The Mass AAB, and the ADAAG 2010 Standards for Accessible design would apply. In the event of a request for a reasonable accommodation in the play equipment is made in the future by a parent, or other interested person, The City of Haverhill, ADA Policies and procedures should be engaged, and followed.

Thank You,  
James Lyons  
Community Development Director  
Northeast Independent Living Program, Inc.  
Northeast ADA Consultants  
20 Ballard Road,  
Lawrence, MA 01843  
James Lyons, ADA Consultant

13 . Americans With Disabilities Act (ADA) Self Evaluation  
OPEN SPACE AND RECREATION PLAN  
ADA FACILITIES INVENTORY

Activity: ADA Self Evaluation and Transition Plan:  
13. Facility: Swasey Playfield

Location: Blaisdell Street  
ADA Self-Evaluation  
5/25/12

Open Space and Recreation Plan  
Haverhill, MA 01830  
Swasey Playfield  
Haverhill, MA 01830

James Lyons, ADA Consultant, completed an ADA self-evaluation at Swasey Playfield on May 25, 2012. Swasey Playfield is comprised of 2 little league diamonds, a major league diamond, a basketball court, and a tot lot. We have completed an Americans with Disability Act (ADA)

Self-evaluation and Transition Plan. The ADA requirement for the site is that it be operated in such a way that, when viewed in its entirety, the services offered are readily accessible to, and useable by people with disabilities. The ADA is the program accessibility standard this refers this to, and it is one of the most important concepts in ADA compliance. Also, the fields have essentially been brought into compliance with the ADA as well as Commonwealth of Massachusetts Architectural Access Boards regulations (521 CMR).

The playfield is listed in fair condition, and the ADA consultants were impressed with much of the ADA compliance at the site. In fact, The City and The Human Services/ Recreation Department have provided some exemplary ADA improvements at this wonderful site. The field is nicely maintained by the Haverhill Department of Public Works (HDPW).

***For example, The Accessible unisex Restroom:*** A very nice job was done on the installation of the accessible outdoor restroom that has been already installed (in 2010). This facility was built by The City in partnership with the PARC Program funding. Since this playfield has an adapted unisex restroom, and we found a few violations that can readily be fixed. First, we found that the unisex restroom has two sets of grab bars installed correctly on the back, and side of the accessible toilet. The door opening pressure is perfect, and has been adjusted to the required 5 lbs opening pressure. Additionally, this restroom has the required Braille/ raised-lettered signage, the door handle is accessible. i.e. operable with a closed fist. The ADA Accessibility Guidelines (ADAAG) Section 4.13.9 requires that -operating devices on an accessible door shall have a shape that is easy to grasp with one hand. The City has accomplished these requirements. Over the next two years, the City plans to improve the park to an even greater degree by rebuilding the senior league baseball diamond, as well as the basketball courts, and the parking lot. The perimeter walking path will be rebuilt, and provided with an accessible graded stone pack surface. The excellent plan also includes installing a water spray park, installing a new fully accessible entrance, new slides and ladders, additional accessible play equipment, ball field bleachers, and infields at each of the basketball fields. When the equipment is installed, NILP is very pleased to assist with ensuring the following ADA Accessibility Guidelines (ADAAG) that apply:

**240.2 Play Components.** Where provided, play components shall comply with 240.2.

**240.2.1 Ground Level Play Components.** Ground level play components shall be provided in the number and types required by 240.2.1. Ground level play components that are provided to comply with 240.2.1.1 shall be permitted to satisfy the additional number required by 240.2.1.2 if the minimum required types of play components are satisfied. Where two or more required ground level play components are provided, they shall be dispersed throughout the play area and integrated with other play components.

**Advisory 240.2.1.2 Additional Number and Types.** Where a large play area includes two or more composite play structures designed for the same age group, the total number of elevated play components on all the composite play structures must be added to determine the additional number and types of ground level play components that must be provided on an accessible route.

**Advisory 240.2.2 Elevated Play Components.** A double or triple slide that is part of a composite play structure is one elevated play component. For purposes of this section, ramps, transfer systems, steps, decks, and roofs are not considered elevated play components. Although socialization and pretend play can occur on these elements, they are not primarily intended for play.

Some play components that are attached to a composite play structure can be approached or exited at the ground level or above grade from a platform or deck. For example, a climber attached to a composite play structure can be approached or exited at the ground level or above grade from a platform or deck on a composite play structure.

**We utilized the Department of Justice - The 2010 ADA Standards for Accessible Design: Titles II and III - 101to assist us with this ADA self- evaluation.**

## **ADA CHAPTER 2: SCOPING REQUIREMENTS AMERICANS WITH DISABILITIES ACT: SCOPING**

*Accessible* means of entry shall comply with sloped entries complying with 1009.3.

**Advisory 240.2.2 Elevated Play Components (Continued).** Play components that are attached to a composite play structure and can be approached from a platform or deck (e.g., climbers and overhead play components) are considered elevated play components. These play components are not considered ground level play components and do not count toward the requirements in 240.2.1.2 regarding the number of ground level play components that must be located on an accessible route. At this time, the entrance to the field is not accessible due to steel/wooden posts and a flower pot in the center of the entrances. The chain link fence does not have an accessible door gate. We recommend (as planned over the course of the next two years, the installation of a new accessible 36 inch wide door entranceway. ***The inaccessible***

### ***Entrances:***

- There are no signs showing where accessible entrances are located. ADAAG Section 04.1.2 (7) (c) requires that inaccessible entrances shall have directional signage to indicate the route to the nearest accessible entrance. I also recommend that three signs be posted at the inaccessible entrances.

The ADAAG 4.13.5 states that- entrances shall have a minimum clear opening of 32 inches so that a person using a wheelchair can readily gain entrance to the field. There are currently no above ground accessible (HP) parking spaces at the Swasey Field, I recommend that 2 be added during phase One of the renovation project. There are no other ADA needs identified at Swasey Playfield.

Americans With Disabilities Act (ADA) Self Evaluation  
OPEN SPACE AND RECREATION PLAN  
ADA FACILITIES INVENTORY

Activity: ADA Self Evaluation and Transition Plan:

14. Facility: Tilton School Playground

Location: 70 Grove Street  
ADA Self-Evaluation  
6/25/12

Americans with Disabilities Act-ADA  
Self-Evaluation/Site Access Survey for the City of Haverhill  
Open Space and Recreation Plan

Tilton School Playground  
70 Grove Street  
Haverhill, MA 01830

The Tilton School Playground is comprised of: a basketball court. James Lyons, ADA Consultant, completed an ADA self-evaluation on June 25, 2012. We have completed an Americans with Disability Act (ADA) Self- evaluation and Transition Plan. The ADA requirements for The Playground is that it be operated in such a way that, when viewed in its entirety, the school is readily accessible to, and useable by people with disabilities. The ADA is the program accessibility standard this refers to, and it is one of the most important concepts in ADA compliance.

The playground is listed in poor condition with no development. In our opinion the following issues and remaining accessibility were found:

**Accessible Parking**-There are a total of three HP van spaces with above ground accessible signs available. Two of these are on the street, and one full van accessible space is available in the school parking lot. The ADA Access Guidelines (ADAAG) require-One space should be a "Van Accessible" space 8 foot wide with an 8-foot access aisle and van accessible sign.

- There are no other ADA needs identified at the Playground.

Americans With Disabilities Act (ADA) Self Evaluation  
OPEN SPACE AND RECREATION PLAN  
ADA FACILITIES INVENTORY

Activity: ADA Self Evaluation and Transition Plan:

15. Facility:12th Avenue Playground

Location: 12th Avenue

ADA Self-Evaluation  
5/25/12

Americans with Disabilities Act-ADA  
Self-Evaluation/Site Access Survey for the City of Haverhill  
Open Space and Recreation Plan  
12th Avenue Playground  
Haverhill, MA 01830

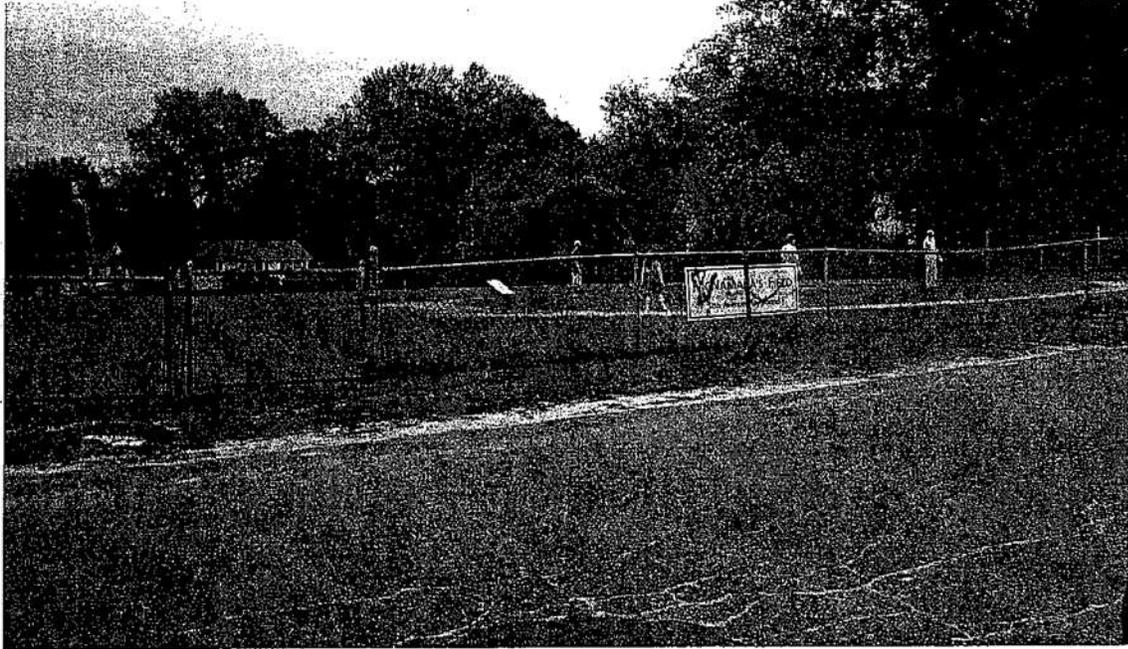
The 12th Avenue Playground is comprised of: 1 baseball diamond, two tennis courts, a basketball court, and one tot lot. James Lyons, ADA Consultant, completed an ADA self-evaluation on May 25, 2012. We have completed an Americans with Disability Act (ADA) Self-evaluation and Transition Plan. The ADA requirements for the playground is that it be operated in such a way that, when viewed in its entirety, the school is readily accessible to, and useable by people with disabilities. The ADA as the program accessibility standard refers this to, and it is one of the most important concepts in ADA compliance. Also, the playground has been brought into compliance with the ADA as well as Commonwealth of Massachusetts Architectural Access Boards regulations (521 CMR). We appreciate the hospitality of Vinny Ouellette, Human Services/Recreation Department Director who assisted us with setting up the access survey today.

The playground is listed in good-excellent condition, and the ADA consultant was impressed with much of the ADA compliance at the site. In fact, The City and The Human Services/ Recreation Department have provided some ADA improvements at The Twelfth Street playground. In our opinion the following issues and remaining accessibility need was found:

***Accessible Parking***-There is no HP van space or van accessible sign. The ADA Access Guidelines (ADAAG) require-One space should be a "Van Accessible" space 8 foot wide with an 8-foot access aisle and van accessible sign. We recommend that one designated accessible (or HP) parking space be striped on the street as part of The ADA Transition Plan.

The playground entrance is not accessible due to posts in the center. The chain link fence does not have an accessible door gate. We recommend the installation of a new accessible 36 inch wide door entranceway.

- ADAAG 4.13.5 states that- entrances shall have a minimum clear opening of 32 inches so that a person using a wheelchair can readily gain entrance to the playground. There are no other ADA needs identified at the Playground.



12th Avenue Playground  
Americans with Disabilities Act-ADA

Self-Evaluation/Site Access Survey for the City of Haverhill  
Open Space and Recreation Plan  
Haverhill, MA 01830

Americans With Disabilities Act (ADA) Self Evaluation  
OPEN SPACE AND RECREATION PLAN  
ADA FACILITIES INVENTORY

Activity: ADA Self Evaluation and Transition Plan:

16. Facility: Union Street Playground

Location: Union Street

ADA Self-Evaluation

5/25/12

Americans with Disabilities Act-ADA  
Union Street Playground  
Haverhill, MA 01830

The Union Street Playground is closed. As such, there is no requirement for an ADA Transition Plan unless the playground is re-opened to the public in the future.

Americans With Disabilities Act (ADA) Self Evaluation  
OPEN SPACE AND RECREATION PLAN  
ADA FACILITIES INVENTORY

Activity: ADA Self Evaluation and Transition Plan:  
17. Facility: Veterans Memorial Skating Arena

Location: 229 Brook Street  
ADA Self-Evaluation  
6/14/12

Americans with Disabilities Act-ADA  
Self-Evaluation/Site Access Survey, City of Haverhill  
Open Space and Recreation Plan  
Haverhill, MA 01830  
Veterans Memorial Skating Arena  
Haverhill, MA 01830

The Veterans Memorial Skating Arena is comprised of: a large skating rink, and three meeting rooms. James Lyons, ADA Consultant, completed an ADA self-evaluation on May 25, 2012. We have completed an Americans with Disability Act (ADA) Self-evaluation and Transition Plan. The ADA requirements for the skating arena is that it be operated in such a way that, when viewed in its entirety, the school is readily accessible to, and useable by people with disabilities. The ADA as the program accessibility standard refers this to, and it is one of the most important concepts in ADA compliance. Also, the playground has been brought into compliance with the ADA as well as Commonwealth of Massachusetts Architectural Access Boards regulations (521 CMR). We appreciate the hospitality of Vinny Ouellette, Human Services/Recreation Department Director who assisted us with setting up the access survey today.

The arena is listed in good condition, and the ADA consultants were impressed with much of the ADA compliance at the site. In fact, The City and The Human Services/ Recreation Department have provided some ADA improvements at The Veterans Memorial Skating Arena. It is a state-owned facility managed by the city of Haverhill that Provides programming which includes high school hockey, youth hockey, figure skating club, public skating and Special Olympics programs.

In our opinion the following issues and remaining accessibility were found:

In our opinion the following specific ADA issues were found and we recommend they be addressed:

**The entrance doors opening pressure** *measured 11 pounds pressure*. This was established following a consistent finding during four measurements taken.

**The ADA Access Guidelines (ADAAG), Section 26.8.1** requires that: "The maximum force for pushing or pulling open a door shall be as follows: - **Interior hinged doors: 5lbs.**"

**NILP SITE RECOMMENDATION:** That both doors' opening pressures be adjusted to 5 lbs. opening pressure.

**Also pertinent is: The ADAAG, Section 26.9** that requires: "If the door has a closer, then the sweep period of the closer shall be adjusted so that from an open position of 90 degrees, the door will take *at least six seconds to close.*"

The entrance door closing speed measured 3.5 seconds. This was established following a consistent finding during four measurements taken.

**NILP SITE RECOMMENDATION:** That the closing speed on both doors be adjusted to six seconds closing time. A raised letter/Braille sign is needed on the accessible stall of both the Ladies, as well as the Men's rooms.

Thank You,  
James Lyons  
Community Development Director  
Northeast Independent Living Program, Inc.  
Northeast ADA Consultants  
20 Ballard Road,

18. Americans With Disabilities Act (ADA) Self Evaluation  
OPEN SPACE AND RECREATION PLAN  
ADA FACILITIES INVENTORY

Activity: ADA Self Evaluation and Transition Plan:  
18. Facility: Walnut Square Playground

Location: 645 Main Street  
ADA Self-Evaluation  
5/25/12

Americans with Disabilities Act-ADA  
Self-Evaluation/Site Access Survey for the City of Haverhill  
Open Space and Recreation Plan  
Haverhill, MA 01830  
Walnut Square Playground  
Haverhill, MA 01830

The Walnut Square Playground is comprised of a tot lot with no development, and is listed in good condition with some asphalt surface. James Lyons, ADA Consultant, completed an ADA self-evaluation on May 25, 2012. We have completed an Americans with Disability Act (ADA) Self-evaluation and Transition Plan. The ADA requirements for the site is that it be operated in such a way that, when viewed in its entirety, the school is readily accessible to, and useable by

people with disabilities. The ADA as the program accessibility standard refers this to, and it is one of the most important concepts in ADA compliance. Also, the playground has been brought into compliance with the ADA as well as Commonwealth of Massachusetts Architectural Access Boards regulations (521 CMR).

The park is listed in good condition, and the ADA consultants were impressed with much of the ADA compliance at the site. In fact, The City and The Human Services/ Recreation Department have provided some ADA improvements at the site. In our opinion the following issues and remaining accessibility were found:

**Accessible Parking**-There is no HP van space or van accessible sign. The ADA Access Guidelines (ADAAG) require-One space should be a "Van Accessible" space 8 foot wide with an 8-foot access aisle and van accessible sign. We recommend that one designated accessible (or HP) parking space be striped on the street as part of The ADA Transition Plan.

The entrance is not accessible due to the presence of four metal fence poles at the entrance that make the entrance only 19 " wide. A person using a wheelchair is unable to get into the park because the chain link fence posts are in the way. The poles were installed apparently to prevent motorized vehicles from entering the park and prevents damages caused by such inappropriate actions. In order to be accessible, the entrance needs to be made 36" wide.

The chain link fence does not have an accessible door gate. We recommend the installation of a new accessible 36 inch wide door entranceway equipped with a swing-open chain link door.

- ADAAG 4.13.5 states that- entrances shall have a minimum clear opening of 32 inches so that a person using a wheelchair can readily gain entrance to the playground. There are no other ADA needs identified at the Walnut Square Playground

Thank You,  
James Lyons  
Community Development Director  
Northeast Independent Living Program, Inc.  
Northeast ADA Consultants

19. Americans With Disabilities Act (ADA) Self Evaluation  
OPEN SPACE AND RECREATION PLAN  
ADA FACILITIES INVENTORY

Activity: ADA Self Evaluation and Transition Plan:  
19. Facility: Winnekenni Park

Location: 347 Kenoza Avenue  
ADA Self-Evaluation

7/9/12

Americans with Disabilities Act-ADA  
Self-Evaluation/Site Access Survey for the City of Haverhill  
Open Space and Recreation Plan  
Haverhill, MA 01830  
Winnekenni Park  
Haverhill, MA 01830

James Lyons, ADA Consultant, completed an ADA self-evaluation on July 9, 2012. We have completed an Americans with Disability Act (ADA) Self- evaluation and Transition Plan. The ADA requirements for the site is that it be operated in such a way that, when viewed in its entirety, the Winnekenni is readily accessible to, and useable by people with disabilities. The ADA is the program accessibility standard this refers to, and it is one of the most important concepts in ADA compliance. Also, the playground has been brought into compliance with the ADA as well as Commonwealth of Massachusetts Architectural Access Boards regulations (521 CMR). We appreciate the hospitality of Vinny Ouellette, Human Services/Recreation Department Director who assisted us with setting up the access survey today.

One of Haverhill's most picturesque parks, this Facility includes three tennis courts, bathroom facility, walking track, fishing area, sledding and tobogganing area, and tot-lot area.

Dr. James R. Nichols, a local physician and inventor, built the Castle in 1873-1875 as a summer home at this farm which he named Winnekenni. The idea for the original castle came from England. The Castle was sold to the city in 1895. In 1967, after a fire destroyed the aging building, a group of citizens formed the Winnekenni Foundation, which is still in existence today. Its goal was to completely refurbish the interior of the building, and make it and its surrounding grounds available to the public for cultural and educational events. Interested persons can call the Winnekenni Foundation at 978-521-1686 for castle rental charges and policies. Castle address: 347 Kenoza Ave, Haverhill, MA 01830

**The Trails:**

There is a convenient map of the Winnekenni walking trails posted on the building, near the tennis courts, at the entrance to the Park. Hiking, jogging, and cross-country skiing are popular activities on the trails. The public is asked to please stay on marked trails so that the land does not become destroyed.

- Castle Trail: The main road is Castle Road, which is what you are driving on when you enter the Park. It continues up the hill to Winnekenni Castle. You can drive on this as far as the Castle (3/5 mile), where it now becomes Castle Trail. There is no parking on Castle Road. From this point, Castle Trail leads down towards the Lake and joins Dudley Porter Trail (2/5 mile).
- Dudley Porter Trail begins on the running track at the Basin and continues along the shore. It leads around Kenoza Lake, and ends on Kenoza Street, across from Northern Essex Community College (NECC) (2 Yz miles).

- Shore Trail branches off the Dudley Porter Trail (after 1 1/2 miles on Dudley Porter), and continues north along the Lake where it joins the Dudley Porter Trail at NECC (4/5 mile).
- Plug Pond Trail begins at Castle Parking Area, and heads south to the popular recreation area (2/5 mile). The Merrill Trail begins along Kenoza Street by NECC and continues 1/2 mile to the back of the Merrill House site.

The park is listed in good condition, and the ADA consultants were impressed with much of the ADA compliance at the site. In fact, The City and The Human Services/ Recreation Department have provided some ADA improvements at the site. In our opinion the following issues and remaining accessibility were found:

**Accessible Parking**-There is no HP van space or van accessible sign. The ADA Access Guidelines (ADAAG) require-One space should be a "Van Accessible" space 8 foot wide with an 8-foot access aisle and van accessible sign. We recommend that one designated accessible (or HP) parking space be striped on the street as part of The ADA Transition Plan.

- There are no other ADA needs identified at the Park.

Thank You,  
 James Lyons  
 Community Development Director  
 Northeast Independent Living Program, Inc.  
 Northeast ADA Consultants  
 20 Ballard Road,  
 Lawrence, MA 01843

Americans With Disabilities Act (ADA) Self Evaluation OPEN SPACE AND RECREATION  
 PLAN  
 ADA FACILITIES INVENTORY

Activity: ADA Self Evaluation and Transition Plan:  
 20. Facility: Wood School Playground

Location: 255 South Spring Street  
 ADA Self-Evaluation  
 5/25/12

Americans with Disabilities Act-ADA  
 Self-Evaluation/Site Access Survey for the City of Haverhill  
 Open Space and Recreation Plan  
 Haverhill, MA 01830  
 Wood School Playground

255 South Spring Street  
Haverhill, MA 01830

The Wood School Playground is comprised of: two little League diamonds, a skate board park, as well as one basketball court. James Lyons, ADA Consultant, completed an ADA self-evaluation on May 25, 2012. We have completed an Americans with Disability Act (ADA) Self-evaluation and Transition Plan. The ADA requirement for the site is that it be operated in such a way that, when viewed in its entirety, the services offered are readily accessible to, and useable by people with disabilities. The ADA as the program accessibility standard refers this to, and it is one of the most important concepts in ADA compliance. Also, the playground has been brought into compliance with the ADA as well as Commonwealth of Massachusetts Architectural Access Boards regulations (521 CMR).

The playground is listed in good condition, and the ADA consultants were impressed with much of the ADA compliance at the site. In fact, The City and The Human Services/ Recreation Department have provided some ADA improvements at this wonderful site. The field is nicely maintained by the Haverhill Department of Public Works (HDPW). In our opinion there are no ADA issues nor any remaining accessibility needs found.

James Lyons

21. Americans With Disabilities Act (ADA) Self Evaluation OPEN SPACE AND  
RECREATION PLAN  
ADA FACILITIES INVENTORY

Activity: ADA Self Evaluation and Transition Plan:

21. Facility: Crystal Gorge Conservation Area

Location: Crystal Street

ADA Self-Evaluation

5/25/12

Americans with Disabilities Act-ADA  
Self-Evaluation/Site Access Survey for the City of Haverhill  
Crystal Gorge Conservation Area  
Haverhill, MA 01830

The Crystal Gorge Conservation Area is comprised of: a series of inter-connecting hiking trails, and is open to the public for hiking, biking, nature study, photography, cross-country skiing, snow shoeing, mountain biking and bird watching and other activities that do not damage the land. James Lyons, ADA Consultant, completed an ADA self-evaluation on May 25, 2012. We have completed an Americans with Disability Act (ADA) Self-evaluation and Transition Plan. The ADA requirement for the site is that it be operated in such a way that, when viewed in its entirety, the services offered are readily accessible to, and useable by people with disabilities.

The ADA as the program accessibility standard refers this to, and it is one of the most important concepts in ADA compliance. Also, the playground has been brought into compliance with the ADA as well as Commonwealth of Massachusetts Architectural Access Boards regulations (521 C:MR).

The Conservation Area is listed in good condition, and the ADA consultants were impressed with much of the ADA compliance at the site.

The Crystal Gorge Conservation Area is located on Haverhill's western border between Crystal Street and the Atkinson, N.H. town line. The entire area comprises 65.5 acres of hilly and somewhat rocky woodlands. This Conservation Area was created in 2000 when the City purchased 46.5 acres from a private landowner with matching funds provided through a Commonwealth of Massachusetts Cooperative Conservation Grant. These 46.5 acres were combined with an existing 19 acres of City land to create the entire 65.5 acres.

As I explored the trails in the area I will noted the numerous old stone walls that indicate that the area had historically been used as pastureland in past centuries.

The Crystal Gorge area is located within the Crystal Lake watershed which is a source of our City's drinking water - supply. Throughout the woodlot are numerous small streams, wetlands and vernal pools that weave between the rocky ledges that are so prominent here. The largest of these ledge areas form a unique geologic feature we refer to as Crystal Gorge. These steep-sided rock outcroppings of ledge provide an outstanding area to sit and enjoy the views and wildlife of the stream area that runs through the Gorge.

The woods, streams and vernal pools in the area provide excellent habitat to support a diverse population of wildlife such as porcupine, fisher, mink, spotted salamanders, wood frogs, spotted turtles, and pileated woodpeckers. For these reasons, I cannot recommend hard packing, nor paving the area at this time. To attempt to provide an accessible slope or parking area would, in my opinion, alter the basic nature of the program, and result in it no longer being conservation areas.

However, The Crystal Gorge Conservation Area is accessible from the parking lot located on the north side of Crystal Street. I obtained a wonderful trail guide from the box located on the main entrance sign and I stayed on the cleared trails as I explored the area. The topography of the land, in my opinion, is essentially in compliance at this time.

ADAAG 4.13.5 states that- entrances shall have a minimum clear opening of 32 inches so that a person using a wheelchair can readily gain entrance to the site. This has been accomplished here, and in our opinion there are no ADA issues nor any remaining accessibility needs found.

James Lyons, ADA Consultant

**Americans with Disabilities Act (ADA)  
GRIEVANCE PROCEDURE**

**CITY OF HAVERHILL, MA  
ADA GRIEVANCE PROCEDURE  
Addendum**

(Adopted pursuant to the Americans with Disabilities Act) 23 CFR Part 35

**Purpose:**

This procedure was developed by the city. It is to ensure a prompt and equitable resolution of complaints by any Employee, Applicant, Service Recipient or Member of the General Public that she/he or a specific class of individuals has been subjected to discrimination on the basis of disability by the City of Haverhill, MA. Any Grievant may, by her or himself, file a complaint under 23 CFR Part 35 with a Federal Agency or the City within 180 days of the date of the alleged discrimination, unless the time for filing is extended by the City or Federal Agency for good cause.

A grievance may be brought by any City Employee, Applicant, Service Recipient or Member of the General Public. Only the Grievant shall have official standing; that is, the grievance must be brought directly by the Grievant seeking redress or remedy, unless the Grievant is unable, because of a disability, to represent her/himself. However, the Grievant may be accompanied at any meeting or hearing by other family members or friends, not to exceed two (2), if she/he desires.

However, such others have no standing in this procedure and their participation may be limited at the discretion of the hearing officer.

The grievance policy does not supplant any provision of an existing collective bargaining agreement with an employee representation group. Any grievance processed (or in process) under the terms of collective bargaining agreement may not be submitted through this ADA Grievance Procedure.

**Procedure:**

This procedure has been structured to try to resolve problems at the operating level; that is, at the level of the department or agency that would be responsible for implementing any action resulting from the grievance.

**Step 1- Department Level:**

The Grievant shall first attempt to resolve the complaint at the level of the department exercising jurisdiction; i.e. with responsibility for the action, program, or service at issue. This grievance may be oral or written, and shall be submitted to the Department Head (or designee), who shall meet with the Grievant as necessary.

The Department Head shall notify the ADA Coordinator upon receipt of the grievance.

The Department Head shall issue a written finding, with copies to the Grievant and to the ADA Coordinator, within twenty (20) working days of submission of the grievance.

Step 2 - (ADA Coordinator) If the complaint is not resolved to the satisfaction of the Grievant, or if the Department Head lacks authority or jurisdiction, the Grievant may submit the grievance to the ADA Coordinator.

Said submission must be in writing and filed within ten (10) working days of the finding of the Department Head. The ADA Coordinator (or designee) shall meet with the Grievant and shall issue a written finding within twenty (20) working days of submission of the Step 2 grievance and shall provide a copy of the finding to the Grievant.

Step 3 - The City Manager

If the complaint is not resolved to the satisfaction of the Grievant, she/he may submit the grievance to the City Manager. Said submission must be in writing and filed within ten (10) working days of the findings of the ADA Coordinator.

The City Manager (or designee) shall meet with the Grievant and shall issue a written finding within twenty (20) working days of the submission of the step 3 grievance and shall provide a copy of the finding to the Grievant.

Note:

Any decision or recommendation that requires approval of actions or commitment of funds beyond the level of normal departmental authority must be submitted by the ADA Coordinator to the appropriate Board or Commission, together with his recommendation for action. Said Board or Commission must approve the recommendation prior to implementation, and must seek any necessary funding from the City Meeting. Haverhill Disability Commission on Disability:

The Department Head and ADA Coordinator may refer a grievance or complaint or any part thereof to the Disability Commission for advice and for technical assistance and support on a formal or informal basis.

Actions for the City of Haverhill, MA to implement as mandated by the Americans with Disabilities Act (ADA):

Requirement 1:

23 CFR Part 35.105

Establishes a requirement (based on the Section 504 regulations) that a public entity evaluate current policies and practices to identify and correct any that are not subject to the provisions of 504. This evaluation must be on file and available for public inspection for three (3) years.

Requirement 2:

23 CFR Part 35.107

Requires public entities of more than 50 employees to designate a responsible employee and adopt grievance procedures.

Requirement 3:

23 CFR Part 35.170

Details the Complaint Procedure.

City of Haverhill, MA

City Hall

Haverhill, MA 01821-3050

**COMPLAINT FORM  
FOR VIOLATIONS OF THE AMERICANS  
WITH DISABILITES ACT**

1. Name:  
(last) (First) (Middle Initial)  
Street Address:  
City and State: Zip Code:  
Telephone Number:

In the event the City is unable to locate you to discuss this complaint, please provide the following information concerning a person who can contact you:

Name:  
Street Address: .  
City and State: Zip Code:  
Telephone Number

Who or what do you allege has violated requirements of the Americans with

Disabilities Act:  
Name:  
Street Address:  
City and State:  
Zip Code:

Department/Organization/Unit:  
Program:  
Individual:

State or local government agency:  
Yes No  
If yes, name of agency:  
Month:\_\_\_\_\_ Day:\_\_\_\_\_ Year:\_\_\_\_\_  
If not, do you intend to file with another agency:  
Yes\_\_\_\_\_ No\_\_\_\_\_  
If yes, name of agency:  
Street Address:  
City and State:\_\_\_\_\_ Zip Code:

Have you pursued resolution of your complaint through the internal grievance procedure at your institution?  
Yes---- No

(Note: It is not required that you pursue your complaint through your institution's internal grievance procedure.)

If yes, what is the statue of your complaint in this grievance procedure?

In order to determine if you have filed a complaint in a timely manner, the following is requested:

(a) On what date and times was a violation/discriminatory act noted:

Describe in detail the alleged discriminatory conduct or actions. If more space is required to answer this or any other question on this form, attach additional sheets. (NOTE: In describing discriminatory conduct, it will be helpful if you could provide information as to other persons allegedly treated in the same manner, non-handicapped persons treated differently; has the institution given an explanation for its actions or conduct.)

Submit any written materials, dates, documents, etc. which you think are relevant to this complaint.

(Signature) (Date)

INFORMATION SHEET  
THE AMERICANS WITH DISABILITY ACT OF 1990  
FACT SHEET

OBJECTIVE:

Furtheres the goal of full participation for persons with disabilities by giving civil rights protection to these individuals. It guarantees equal opportunity for these individuals in (1) employment, (2) public accommodations; (3) transportation, (4) state and local government services and (5) telecommunications.

(1) Employment:

- Employers with 25 or more employees must comply, effective 26 July 1992.
- Employers with 15-24 employees must comply, effective 26 July 1994.
- Complaints may be filed with the United States Equal Employment Opportunity Commission.

(2) Public Accommodations: Title III}

Effective 26 January 1992 - Public accommodations such as restaurants, hotels, theaters, doctors offices, pharmacies, retail stores, museums, libraries, parks, private schools and daycare centers may not discriminate.

Private clubs and religious organizations are exempt. Reasonable changes must be made in policies, practices and procedures to avoid discrimination.

Elevators are generally not required in buildings under three stories or with fewer than 3,000 square feet per floor, unless the building is a shopping center, mall or professional office of a health care provider.

Individuals May:

- (a) Bring lawsuits to obtain court orders to stop discrimination, but money damages cannot be awarded or
- (b) Can file complaints with the U.S. Attorney General who may file lawsuits to stop discrimination and obtain money damages and penalties--

(3) Transportation:

Public Bus/Rail: New buses and/or rail vehicles, ordered after 26 August 1990, must be accessible. Private Bus Vans: New over-the-road buses ordered on or after 26 July, 1996 (July 26, 1997 for small companies).

Note: After completion of a study, the president may extend this deadline by one year, if appropriate.

Individuals may file complaints with the U.S.

Attorney General or bring private lawsuits under the public accommodations procedures.

(4) State and Local Government Operations: (Title II) State and local governments may not discriminate against qualified individuals. All government facilities, services and communications must be accessible consistent with the requirements of section 504 of the Rehabilitation Act of 1973.

Individuals may file complaints with federal agencies designated by the U.S. Attorney General or bring private lawsuits.

(5) Telecommunications:

Companies offering telephone services to the general public must offer telephone relay services to individuals who use telecommunication devices

for the TTY or similar devices. Individuals may file complaints with the Federal Communications Commission.

For additional information and answers to questions, contact the U.S. Department of Justice:

(202) 514-0301 (Voice) 11:00 AM to 4:00 PM  
Eastern Time

(202) 514-0331 (TOO) 11:00 AM to 4:00 PM  
Eastern Time

(202) 514-0333 (TOO) 11:00 AM to 4:00 PM  
Eastern Time

For copies of the full 90 page Americans with Disability Act of 1990, at no cost, please contact:  
U.S. senate Subcommittee on Disability Policy  
113 Senate Hart Office Building  
Washington, DC 20010.

ELECTED OFFICIAL

Mayor: James J. Fiorentini

E-Mail: [mayor@cityofhaverhill.com](mailto:mayor@cityofhaverhill.com)

## NOTICE UNDER THE AMERICANS WITH DISABILITIES ACT

In accordance with the requirements of title II of the Americans with Disabilities Act of 1990, the City of Haverhill will not discriminate against qualified individuals with disabilities on the basis of disability in the City's services, programs, or activities.

**Employment:** The City does not discriminate on the basis of disability in its hiring or employment practices and complies with all regulations promulgated by the U.S. Equal Employment Opportunity Commission under title I of the Americans with Disabilities Act (ADA).

**Effective Communication:** The City will generally, upon request, provide appropriate aids and services leading to effective communication for qualified persons with disabilities so they can participate equally in the City's programs, services, and activities, including qualified sign language interpreters, documents in Braille, and other ways of making information and communications accessible to people who have speech, hearing, or vision impairments.

**Modifications to Policies and Procedures:** The City/County will make all reasonable modifications to policies and programs to ensure that people with disabilities have an equal opportunity to enjoy all City programs, services, and activities. For example, individuals with service animals are welcomed in City offices, even where pets are generally prohibited.

Anyone who requires an auxiliary aid or service for effective communication, or a modification of policies or procedures to participate in a City program, service, or activity, should contact the office of *[name and contact info for ADA Coordinator]* as soon as possible but no later than 48 hours before the scheduled event. The City will not place a surcharge on a particular individual with a disability or any group of individuals with disabilities to cover the cost of providing auxiliary aids/services or reasonable modifications of policy, such as retrieving items from locations that are open to the public but are not accessible to persons who use wheelchairs.

The ADA does not require the City to take any action that would fundamentally alter the nature of its programs or services, or impose an undue financial or administrative burden.

Complaints that a City program, service, or activity is not accessible to persons with disabilities should be directed to:

Vinny Ouellette,  
Director  
Human Services/Parks & Recreation Department  
Haverhill Citizen Center  
10 Welcome Street  
Haverhill, MA 01830  
Telephone: 978-374-2388  
Fax: 978-521-2626

**AMERICANS WITH DISABILITIES ACT  
PUBLIC NOTICE**

The City of Haverhill does not discriminate on the basis of disability. Citizens, program applicants, participants, members of the general public, employees, job applicants, and others are entitled access to all agency programs, activities, and services without regard to disability.

Copies of this notice are available, upon request, in accessible formats (large print, audiotape, Braille, computer disc, etc.) Our grievance procedure, self-evaluation, as well as ADA policies, practices, and procedures, are readily available, upon request. This notice is posted prominently at all our sites, and on all program brochures and manuals.

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

Vinny Ouellette,  
Director  
Human Services/Parks & Recreation Department  
Haverhill Citizen Center  
10 Welcome Street  
Haverhill, MA 01830  
Telephone: 978-374-2388  
Fax: 978-521-2626  
[vouellette@cityofhaverhill.com](mailto:vouellette@cityofhaverhill.com)

## **Reasonable Accommodation Policy**

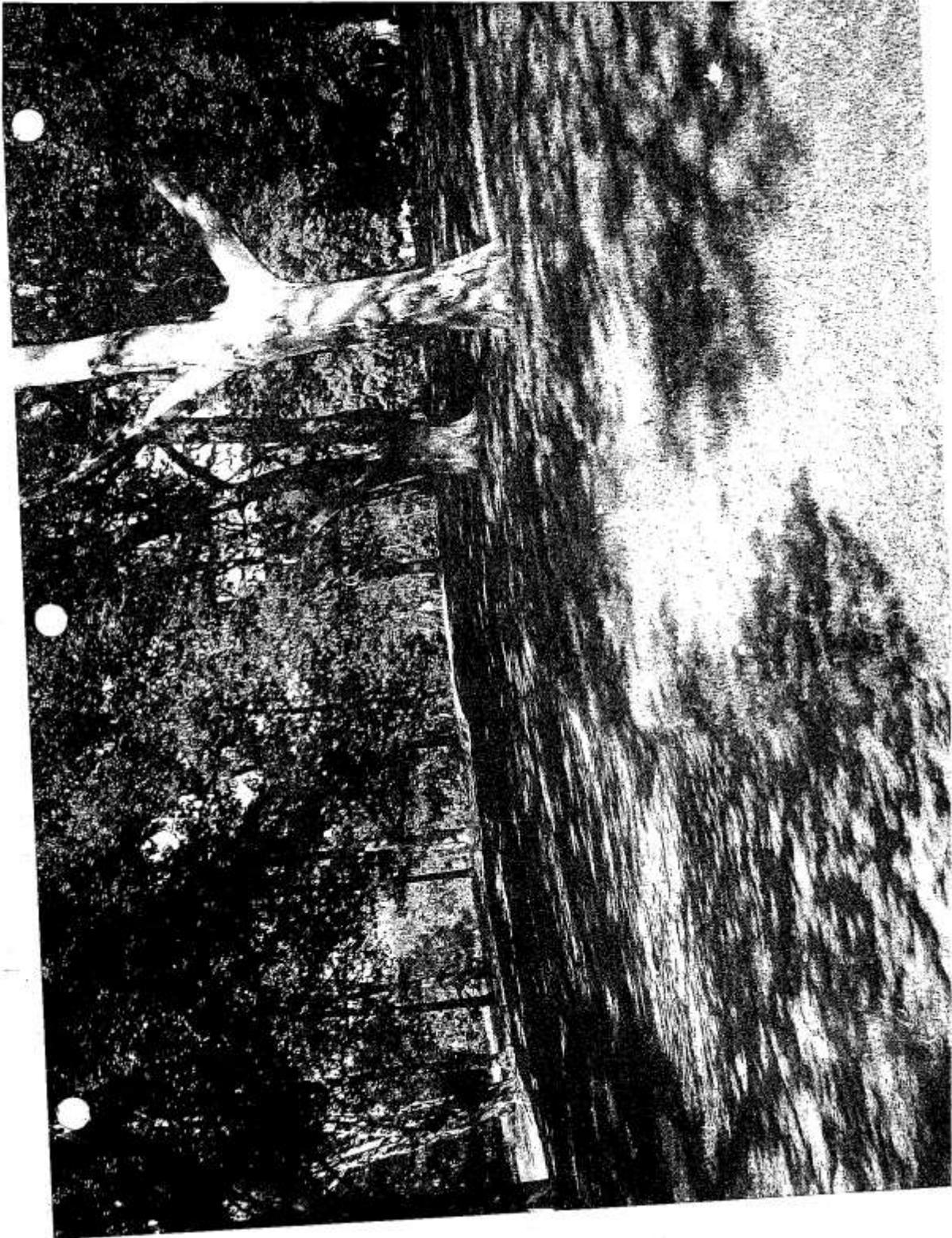
It is the policy of The City that no other qualified individual with a disability shall, solely by reason of his/her disability, be excluded from employment by The City. Employment review and hiring is based on the employee/prospective employee's ability to perform what The City determines to be the essential functions of a job. Further, it is the policy of The City that reasonable accommodations will be made for an otherwise qualified applicant or employee with a disability, unless the The City can demonstrate that the accommodation imposes an undue financial or administrative hardship on the operation of its programs.

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 at The City.

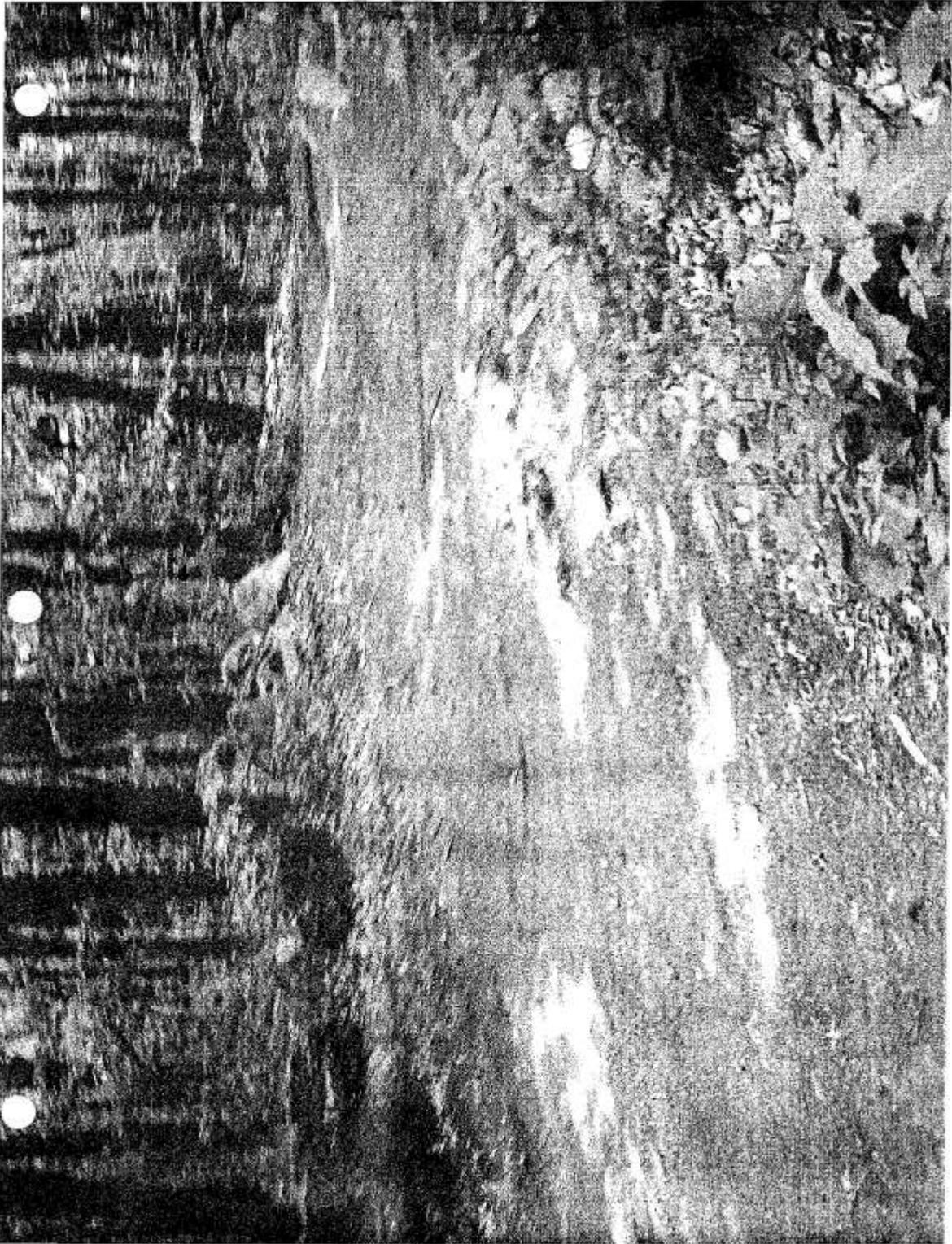
All prospective employees will be informed at the initial interview that The City does not discriminate on the basis of disability and that requests for reasonable accommodations needed for the performance of essential job functions or for the enjoyment of other benefits of employment should be made by the prospective employees following receipt of a conditional offer of employment, preferably at the post employment offer meeting.

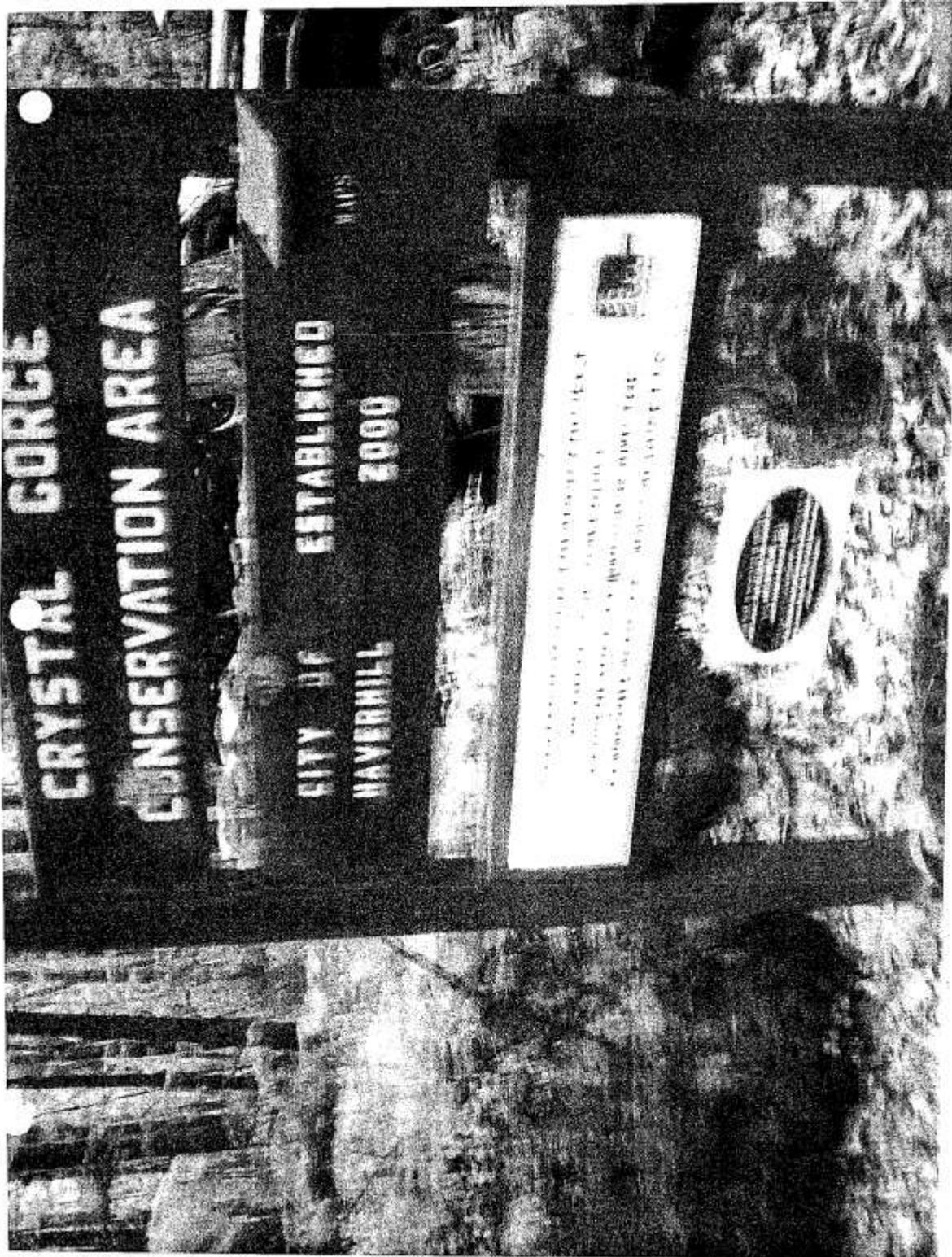
People with disabilities employed by The City may request reasonable accommodations from their immediate supervisor or from the ADA coordinator. Requests for reasonable accommodations should be made verbally and/or in writing describing the nature and purpose of the requested accommodation.

Assistance will be made available upon request to any individual who needs assistance in identifying or documenting the reasonable accommodation needed. The effectiveness of the accommodation and need for modifications or additional accommodations will be assessed during the first month of use of the accommodation.







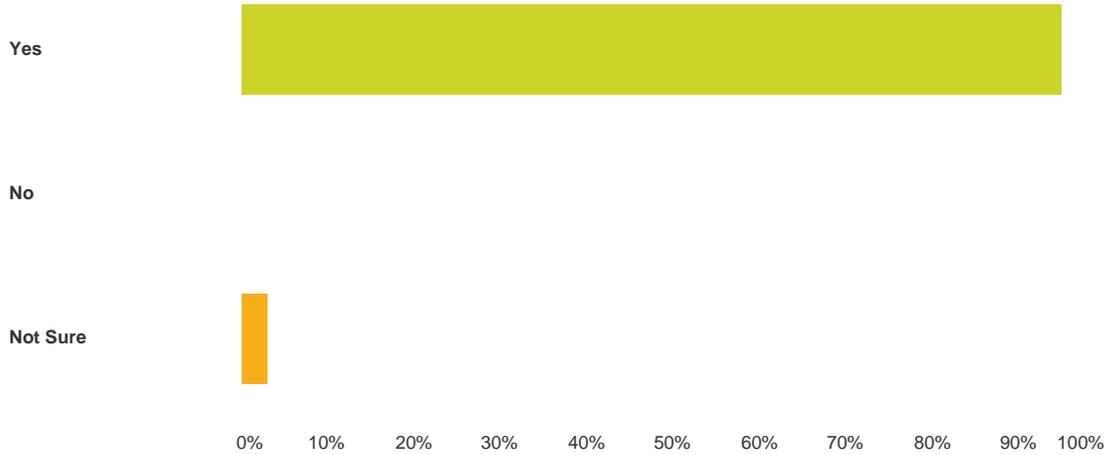


**Appendix E**  
**2016 Haverhill Open Space and Recreation**  
**Community Vision Survey Final Results**

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# Q1 Do you feel there is a need to preserve open space in Haverhill?

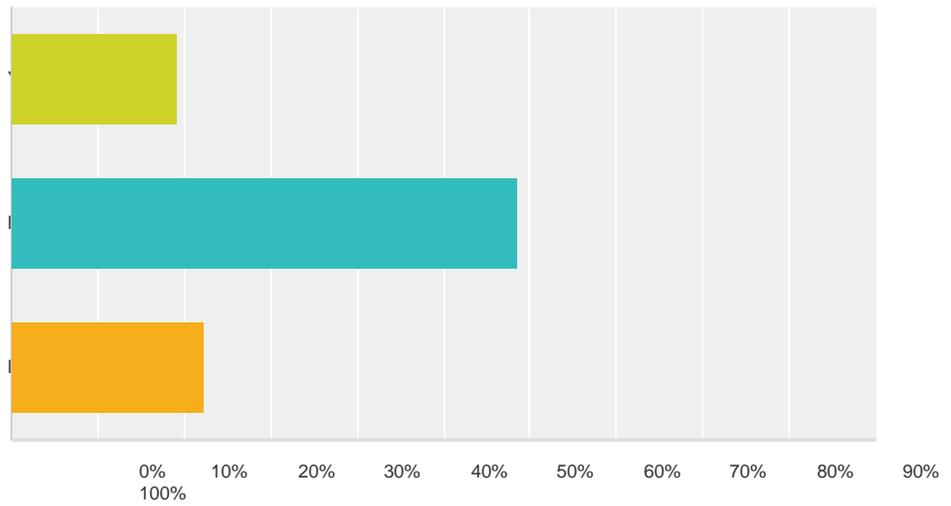
Answered: 549 Skipped: 3



Answer Choices	Responses
Yes	95.08% 522
No	1.82% 10
Not Sure	3.10% 17
<b>Total</b>	<b>549</b>

## Q2 Do you think that Haverhill has enough youth recreational opportunities?

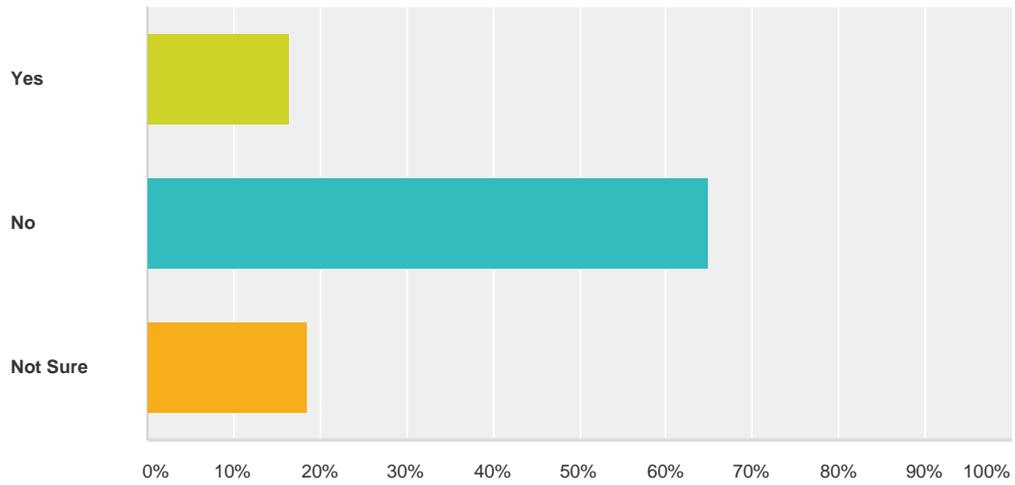
Answered: 543 Skipped: 9



Answer Choices	Responses
Yes	19.15% 104
No	58.56% 318
Not Sure	22.28% 121
<b>Total</b>	<b>543</b>

### Q3 Do you think that Haverhill has enough adult recreational opportunities?

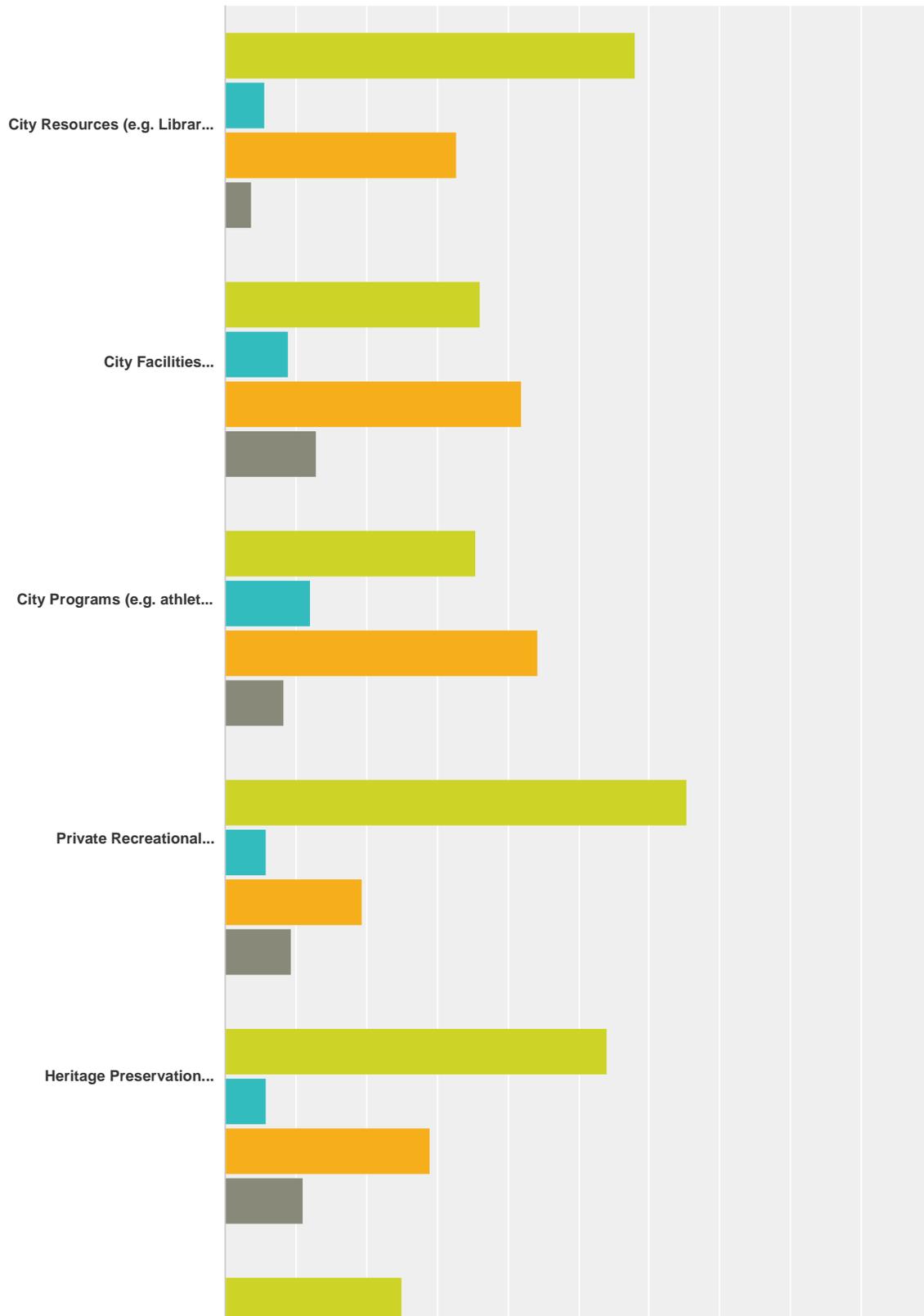
Answered: 546 Skipped: 6

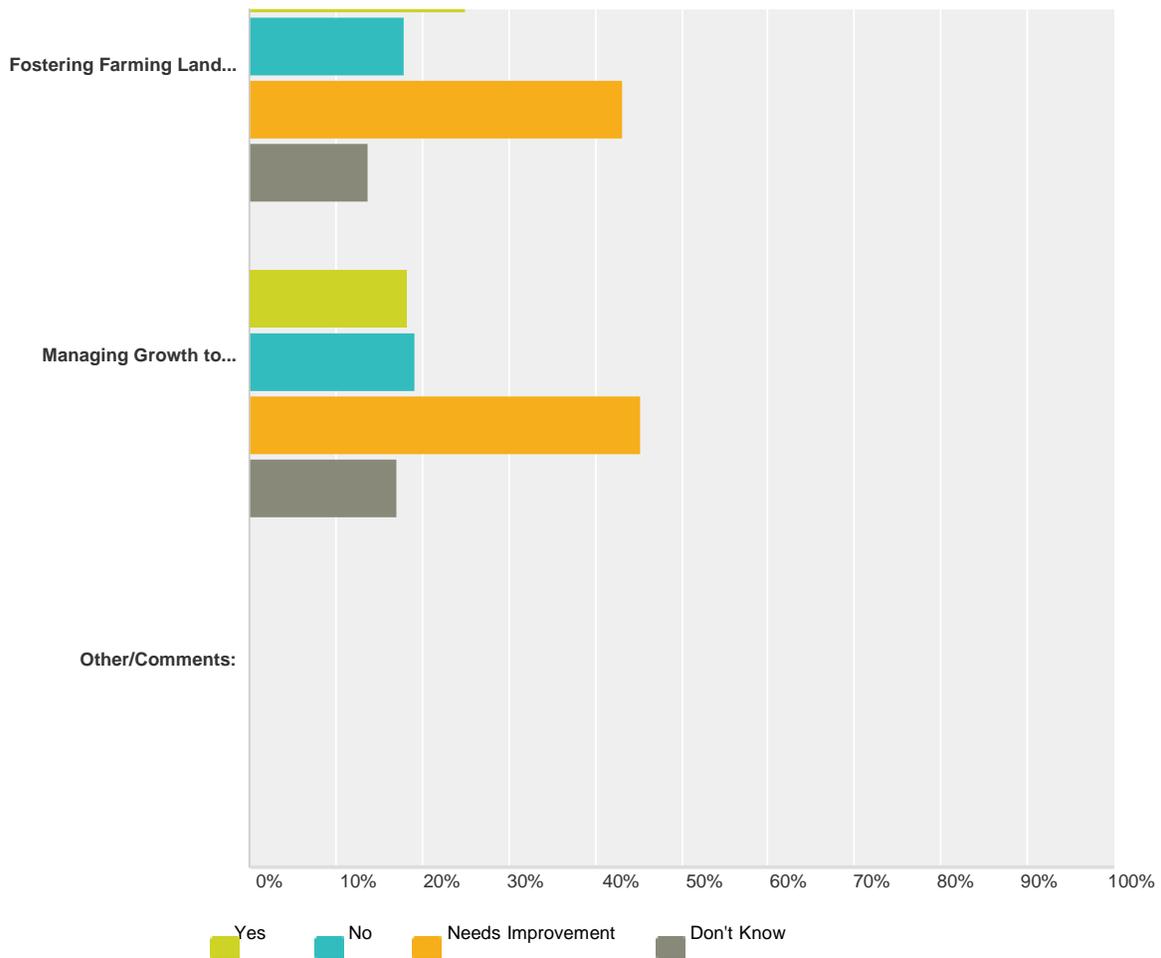


Answer Choices	Responses
Yes	16.48% 90
No	65.02% 355
Not Sure	18.50% 101
<b>Total</b>	<b>546</b>

## Q4 Does the City meet your expectations in regards to the following needs?

Answered: 549 Skipped: 3





	Yes	No	Needs Improvement	Don't Know	Total
City Resources (e.g. Library, Citizens' Center...)	57.96% 313	5.56% 30	32.78% 177	3.70% 20	540
City Facilities (e.g. Ice Rink, High School Pool...)	36.20% 198	8.96% 49	41.86% 229	12.98% 71	547
City Programs (e.g. athletic leagues, festivals, recycling...)	35.44% 191	12.06% 65	44.16% 238	8.35% 45	539
Private Recreational Facilities (e.g. athletic/fitness clubs, golf courses, skiing...)	65.38% 355	5.89% 32	19.34% 105	9.39% 51	543
Heritage Preservation (e.g. Buttonwoods Museum, J.G. Whittier's Birthplace, Tattersall Farm...)	54.11% 296	5.85% 32	29.07% 159	10.97% 60	547
Fostering Farming Land Uses (e.g. pick-your-own fruit or animal farms)	25.00% 137	17.88% 98	43.25% 237	13.87% 76	548
Managing Growth to Ensure Appropriate Protection of Open Space and Recreational Needs	18.38% 100	19.30% 105	45.22% 246	17.10% 93	544
Other/Comments:	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0

#	Other/Comments:	Date
1	I do not know what adult recreation is, sounds fun. Also I would like to see better utilization our in recreational areas, the homeless occupy most of the open spaces and seating, where a yoga program or open space program would not be able to hold, due to this problem.	4/13/2016 3:41 PM
2	Haverhill seems to have plenty of open space already, but for a buck, you can get to the real beach (Atlantic Ocean) and gaze upon France.	4/13/2016 8:08 AM
3	I think growth and development should be limited and prioritized with an eye toward protecting nature.	4/12/2016 5:22 PM
4	Need programing to raise awareness and use the resources that we have already	4/12/2016 9:42 AM
5	public swim times at haverhill high would be nice.	4/12/2016 3:12 AM
6	Need to protect open space, and stop cramming in duplex housing.	4/8/2016 10:59 PM
7	It would be nice if the athletic fields were maintained better.	4/8/2016 4:40 AM
8	more youth activities other than the Boys club and the Y, art and music programs that are affordable, more after school fun programs	4/5/2016 12:58 PM
9	Tennis Courts and Bathrooms at Winnekenni Park are HORRIBLE	3/30/2016 6:34 PM
10	needs to continue to protect open spaces and stop letting builders build 2 houses where one was torn down . Improve the zoning laws as far as commercial and private , when it is mixed zoning and there is no consideration to green spaces on the commercial property, for example the hideous Pistone Foot Center where once an old farm house stood that burnt down. A parking lot goes right to the front door with no considerations for any aesthetics such as a green space etc.	3/30/2016 12:56 PM
11	compared to other towns/cities, haverhill lacks youth rec options (especially compared to the size of our population). would love to see farm animals and educational opportunities at tattersall farm, concerts on the green and at riverside etc. encourage nonprofit fundraising interests to help organize and run these events	3/30/2016 9:56 AM
12	Public pool would be nice, but not in a bad neighborhood like the splash pad. They always get the new stuff, what about middle class. Also a splash pad at the stadium would be nice. More public festivals, that aren't about making money, just fun, (the thing at the stadium last year was lame BC it was all spread out.) would be nice and the library isn't open on Sundays. Also	3/30/2016 6:31 AM
13	Tattersall and winnekinni are fabulous, but the city has no control over either. They are run by boards. The city has to do more with the riverside stadium and the hockey rinks to make them more desirable. It is embarrassing to see other towns come to participate in sporting events and this is what we have to offer. The bathrooms are undesirable and the trash is not changed often enough.	3/29/2016 7:59 PM
14	Recycling efforts could be improved with the trash/toter program.	3/29/2016 11:17 AM
15	The key to success is building pride in the citizens for their neighborhoods & maintaining the improvements that are completed!!	3/29/2016 11:07 AM
16	The real problem exists that open spaces are not grandfathered, so they can at any time be taken over, just this once or little bit at a time, so we will run out of greenspaces and be no better than any other heat island with withering flora and diminished water tables leading to more withering flora because of water bans.	3/28/2016 6:35 PM
17	Haverhill is a great place to be, but there is always room for improvement. The category, Managing Growth to Ensure Appropriate Protection of Open Space and Recreation, is beyond "Needs Improvement." Developments are popping up in the rural areas of Haverhill at an alarming rate and I really don't think anyone with the power to make decisions is really paying attention to the big picture.	3/28/2016 3:09 PM
18	The library needs a full time archivist so that the material at Special Collections can be fully cataloged, preserved, and open for research. 8 hours a week is not enough!	3/28/2016 2:06 PM
19	All these areas need attention, it will be hard to prioritize.	3/28/2016 12:38 PM
20	Investments in new projects are great as long as they are maintained. Need to continue making sure it happens.	3/28/2016 12:36 PM
21	I would like to see the city preserve more open space for conservation land and parks for wildlife. I would also like to see the city support local farms and farmers more.	3/28/2016 12:34 PM
22	Haverhill does a good job in providing many rec spaces for our families but I find they are lacking in the upkeep of these fields, etc.	3/28/2016 10:51 AM
23	Communal outdoor space downtown and on the river critical with expected population growth. Delicate balance but so far insufficient effort in obvious places	3/28/2016 10:44 AM

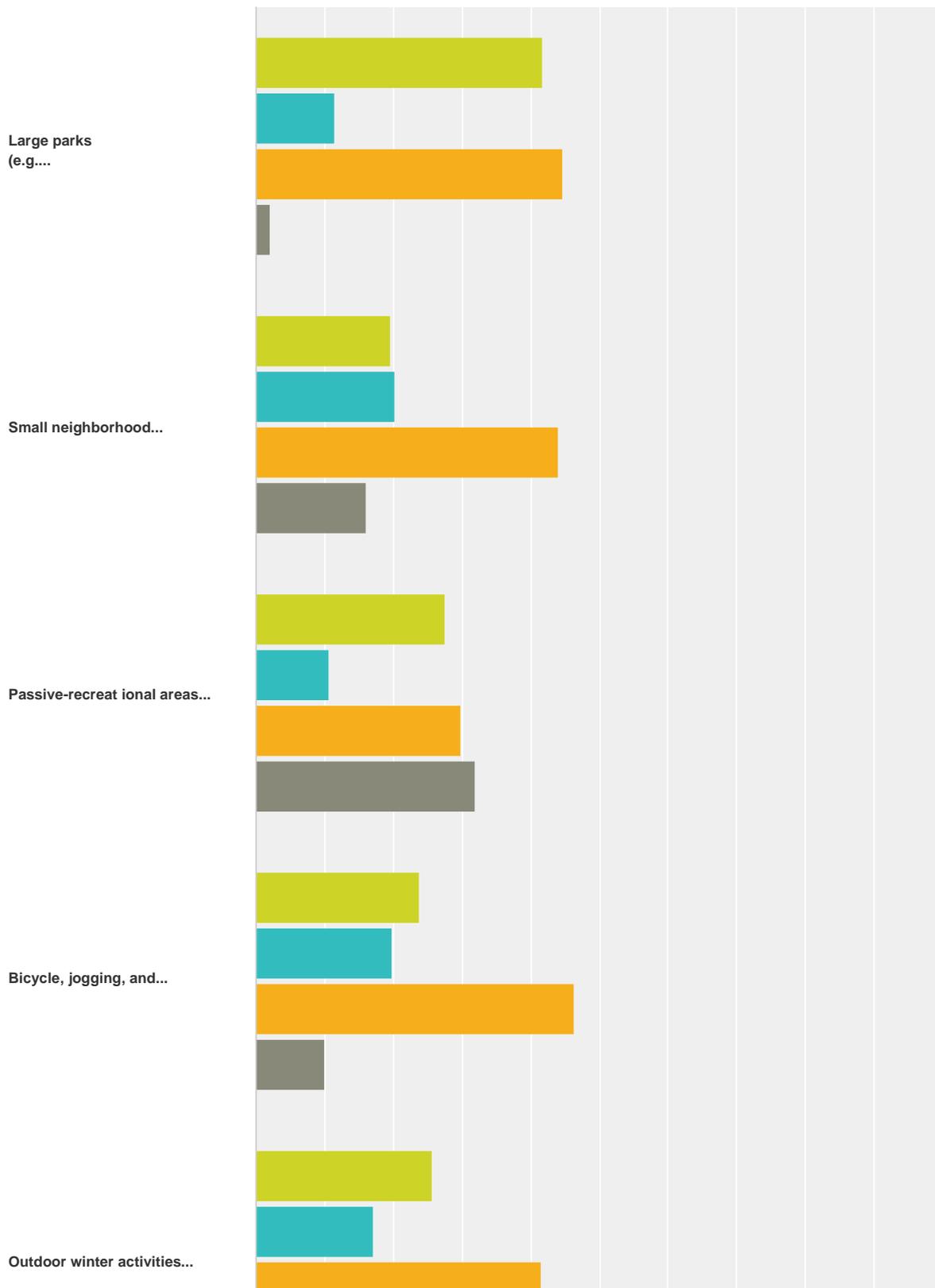
24	Much, much more recycling than trash. Need toter for recycling, not trash	3/28/2016 9:27 AM
25	skating rink is a disgrace despite all the money it brings in	3/27/2016 10:01 PM
26	Much of our city parks go intended which stimulates the growth of poison ivy, briars and thorn bearing plants. I would love to see a city gardener. Community outreach programs could facilitate a feeling of connection to their city and home by participating in groups while cleaning parks and streets of trash. Haverhill has massive potential in both it's parks and citizens.	3/27/2016 7:41 PM
27	Too many new developments and new housing being built, not enough infrastructure to support them.	3/27/2016 1:53 PM
28	I am very excited to see the improvements being done- its a positive beginning.	3/27/2016 1:39 PM
29	I have done political canvassing in some of Haverhill neighborhoods lived in by those of lower income and have found the rental homes in disrepair, with trash and litter in the yard, broken curbs and sidewalks. There is also a lack of trees. Can the city do something to force landlords to provide decent housing to our poorest citizens. This could help deter crime by giving people decent places to live.	3/27/2016 1:10 PM
30	citizen center is not for all citizens just elderly are allowed in.	3/26/2016 11:24 PM
31	The city can always improve recreation for citizens. The city has an abundance of housing, protect what is left of our green spaces. Build more and clean up what we have.	3/26/2016 8:36 PM
32	Haverhill needs better planning and growth management	3/26/2016 5:59 PM
33	Better playgrounds not just in the poor sections but in the decent areas of Haverhill	3/26/2016 4:41 PM
34	Different open spaces have different needs e.g. The grounds of Winnekenni need more police monitoring than the parks behind the stadium for obvious reasons.	3/26/2016 1:04 PM
35	doing a good job keep working at ir.	3/26/2016 12:19 PM
36	I THINK THE PLAYGROUNDS/PARKS NEED BATHROOM FACILITYS SOME NEED SHADED AREAS WERE SEATS ARE LIKE PORTLAND STREET THE TREES ARE PLANTED BUT IT WILL BE AWHILE BEFORE THERES SHADE MAYBE SOME KIND OF CANOPEY.	3/26/2016 12:17 PM
37	I have always wished there was a playground in the Bradford area near Hunking. It might have helped us meet people in the neighborhood. I assume the new school will have one.	3/26/2016 10:36 AM
38	Need hiking bike paths, more playgrounds,	3/26/2016 10:13 AM
39	I think Haverhills leadership does a great job at strategic planning for the city. the place where I see a consistent gap is in accessibility to these places/events. ie, the courthouse is simply off limirs to anyone with a mobility issue. In 2016, that is completely unacceptable.	3/26/2016 9:56 AM
40	city ball fields are in deplorable condition keeping spending money on fields nobody uses no money to fields we use all the time	3/25/2016 6:16 PM
41	People need to stop smoking around kids and throwing there cigarettes butts on the ground.	3/25/2016 1:55 PM
42	I think the athletic fields in Haverhill need better attention. It makes no sense to me why over 700 kids in the fall were stuffed behind the field at Silverhill. The field was both in bad shape and was extremely overcrowded. The games started at 9 AM and ran to 4 PM. Also while there was great improvement with the fields at Swasey Park i feel more improvement needs to be spent on the fields at Riverside park. Riverside should be the backbone of Haverhill youth sports and be used as a center piece to attract children to Youth Sports. Their should be no reason why both the little league baseball fields and the Soccer fields can't co exist at Riverside park.	3/25/2016 1:26 PM
43	Need more information on those checked as "don't know."	3/25/2016 12:02 PM
44	Recent trash iniative to go automated. Need to inform people of alternatives to keep textiles out of trash via Bay State Textile bins. Locate bins for drop off @ school sites.	3/25/2016 11:36 AM
45	More CLEAN open spaces. Trash is awful and makes ma avoid some places.	3/25/2016 11:16 AM
46	I do feel that you have such revenue opportunities if the ice rink and the RB Parks were maintained or improved. You could host better or more tournaments in these open spaces. I think the rail walk in Bradford and working to open up the river for better access are great and positive ideas. Imagine a dock near the RB fields and having teams show up on their boats; they then can go further up river to dock again for the restaurants. I feel my city misses the opportunities with the Stadium and RB Fields right beside them. The ice rink, could use an overhaul and if you partnered with Valley League, could stay open year round and make revenue.	3/25/2016 11:10 AM

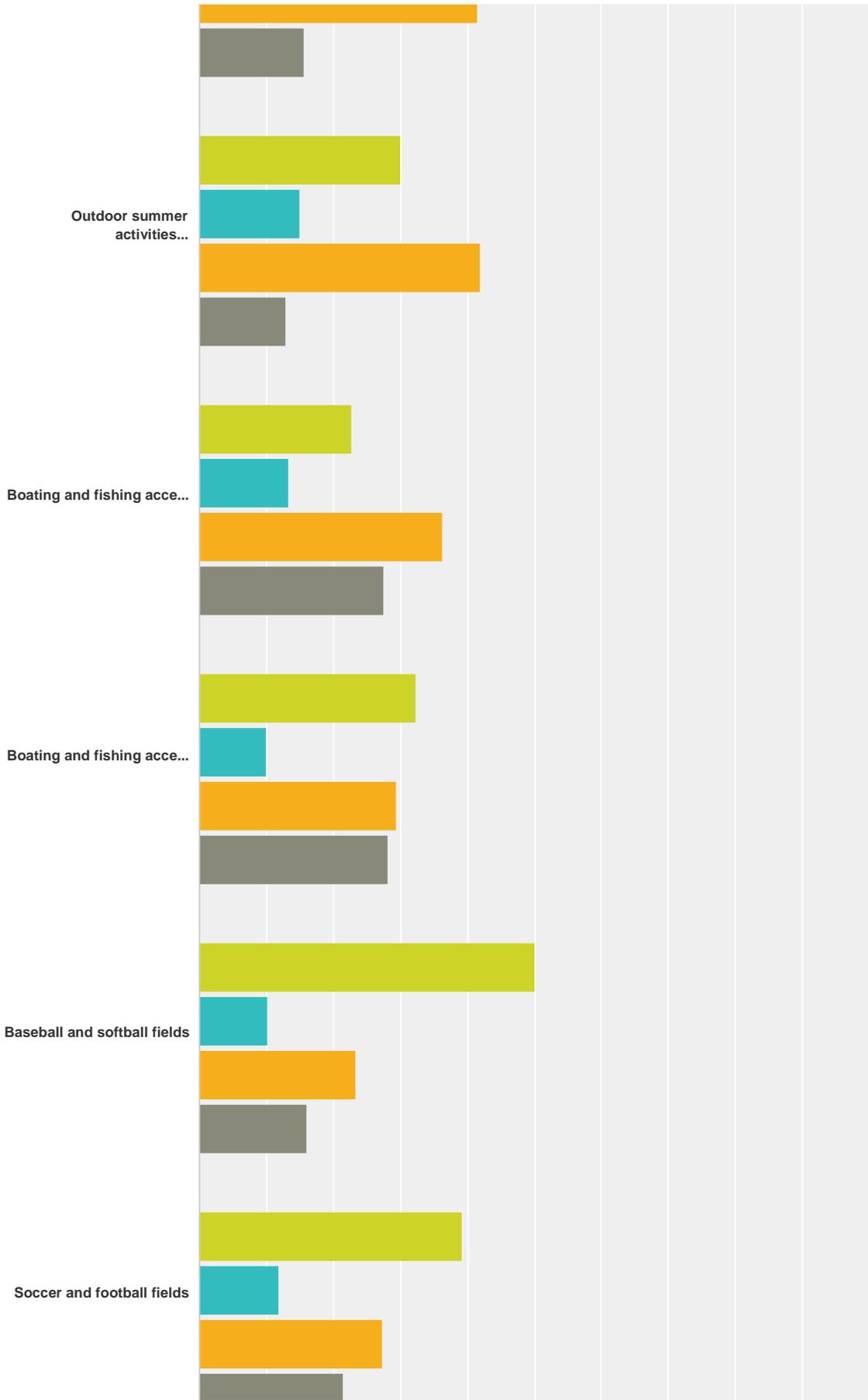
47	Most of the baseball fields at the river front park are not taken care of very well, the new park , baseball fields and water park is great I hope it is protected seems like a bad spot to put so much money in to. But it has to go somewhere I guess. I hope it doesn't get ruined.	3/25/2016 10:32 AM
48	We need a concession stand at riverside park... Other cities and towns have them and they appear to do very well....	3/25/2016 10:29 AM
49	More work needs to be done to make the baseball fields down the stadium looking better. RB has a program with over 500 kids playing and sometimes other town come and its embarassing.	3/25/2016 10:25 AM
50	While these great things are provided in our city, doesnt mean we need to stop improving, cleaning up, and restocking resources!	3/23/2016 9:51 PM
51	The reason I have given needs improvement in regards to land is for the sole purpose of we should never stop trying to save what land is left. Too much is being lost	3/23/2016 11:55 AM
52	Youth Recreation- great stuff for the elementary aged kids; not enough for those in middle school and early high school	3/23/2016 11:33 AM
53	Please consider a grafitti alley downtown ala modica way in cambridge ma	3/22/2016 7:07 PM
54	Need more public recreation on Bradford side of the river	3/22/2016 11:58 AM
55	I would love to see a public pool like I've seen in Toronto, Canada. Also recycling bins throughout the city to encourage folks to recycle recyclables rather than depositing them in the trash. Better crossings for pedestrians to create a friendlier walking city. I would love to see the old gas station next to the post office on the Groveland side of the river made into a kayaking, canoeing, boating venture!	3/22/2016 9:47 AM
56	What is available now is too expensive for average citizens especially raising families	3/22/2016 8:35 AM
57	We need more open spaces, parks, hiking, outside dog areas.	3/22/2016 7:55 AM
58	completing the riverwalk from the Tap down to Harbor Place very important, developing boating program on River at Moody School a great opportunity	3/22/2016 6:42 AM
59	Riverside Bradford baseball field is in poor condition compared to many other neighboring towns	3/21/2016 8:30 PM
60	City resources should include schools which are in dire need of improvement	3/21/2016 8:06 PM
61	The city can only afford so much. We should develop and a strong relationship with all large property owners so there can be an understanding of the need of open space areas.	3/21/2016 7:22 PM
62	Bradford is in need of more open space near South Main Street. We could use some more education about farming. We could use some water restrictions for new development such as soaker hose only on landscaping and abiding by UMass Ext watering practices such as watering lawns only 1X/week.	3/20/2016 11:51 AM
63	Excellent hiking opportunities	3/18/2016 10:07 PM
64	haverhill needs a big park on the river	3/18/2016 5:04 PM
65	I think we should preserve our open spaces & concentrate on rehabbing/repurposing existing buildings and already cleared lots as opposed to building new.	3/18/2016 11:07 AM
66	improvement of bike paths, lanes, and trails.	3/18/2016 7:07 AM
67	The Haverhill Recreational Dapartment has great programs. I would love to see opportunities for music, art, and yoga.	3/17/2016 9:46 PM
68	While the library is tired looking it still has plenty to offer. The outside grounds of the library need attention. Open space MUST be protected, this is critical.	3/17/2016 9:11 PM
69	The city should do more to preserve Rocks Village and other historic sites by reducing traffic speeds and size of trucks going through those areas.	3/17/2016 12:39 PM
70	Bradford needs a park , maybe a basketball court on the river next to Roma.	3/17/2016 11:41 AM
71	Living in for about 3 years in Haverhill, I am new to the area. I am trying to become more involved with the city as I learn my way around.	3/17/2016 8:38 AM
72	haverhill has a ton of stuff to do outside, would like to do anything needed for them to get the funding to continue carrying for those areas. Updated skate park would be great!	3/16/2016 9:50 AM
73	I can not believe the city is concerned with open spaces when they allow more buildings added, closing us in our neighborhoods. Shame on the city for being two faced!	3/16/2016 7:06 AM
74	Stop the Harvesting of Trees around Kenoza and Winnekenni!	3/16/2016 1:26 AM

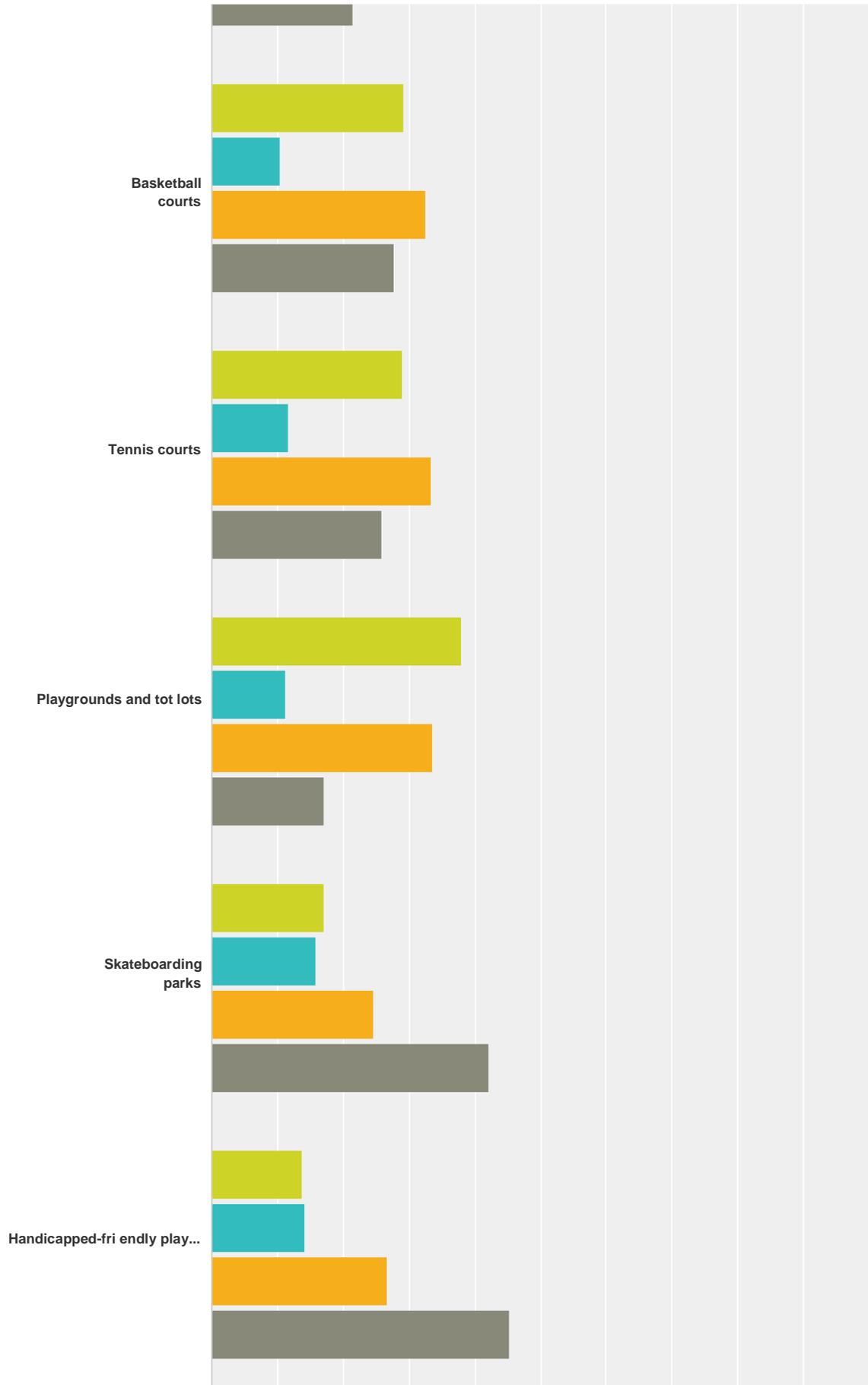
75	I'm vegan and against animal agriculture but would welcome more veg farms	3/15/2016 9:03 PM
76	Disc golf course is good idea	3/15/2016 6:13 PM
77	Would want to see more recreational opportunities for teenagers. 14-17 years old.	3/15/2016 5:45 PM
78	why are we trying to create more open space when we can not adequately take care of what we have now.	3/15/2016 4:21 PM
79	The City has started to increase and enhance Haverhill assets but much more work needs to be done. Green space and recreational offerings is key to Haverhill' success.	3/15/2016 4:17 PM
80	need activities, Teen groups to help clean, repair, create their recreation areas. Teens, Skateboarding, Dances with youth DJs, contests	3/15/2016 3:34 PM
81	Need to get a disc golf course.	3/15/2016 3:28 PM
82	City needs more parks to walk, cycling, jogging outdoor activity	3/15/2016 12:35 PM
83	Adult activity: Disc golf at Clent Farm, could install 2nd course at Winnekinnie of championship caliber with city support and money (Clement farm funded by donations!!)	3/15/2016 11:07 AM
84	the city has done some work developing new areas but not done enough for maintaining existing areas or monitoring them for vandalism or destruction	3/15/2016 10:53 AM
85	There are many new places to enjoy but unfortunately too many puerto ricans are ruining them and making them unsafe to go and enjoy. They have no morals or values and not respect for others. .	3/15/2016 10:07 AM
86	Recreation is so outdated here for youth activities. Shame when kids go to other towns to play sports	3/15/2016 9:19 AM
87	recycling should be every week. would like to see much more community activities especially in the spring and summer.	3/15/2016 9:10 AM
88	I think we could do better by our cemeteries, river access and historical preservation. Our farms need to be supported.	3/15/2016 9:07 AM
89	Would love to see more festivals (including a winter festival, how about a bonfire at tattersall?), additional education opportunities (farm camp at tattersall?)	3/15/2016 7:51 AM
90	Need to conserve more open space in Haverhill.	3/15/2016 12:25 AM

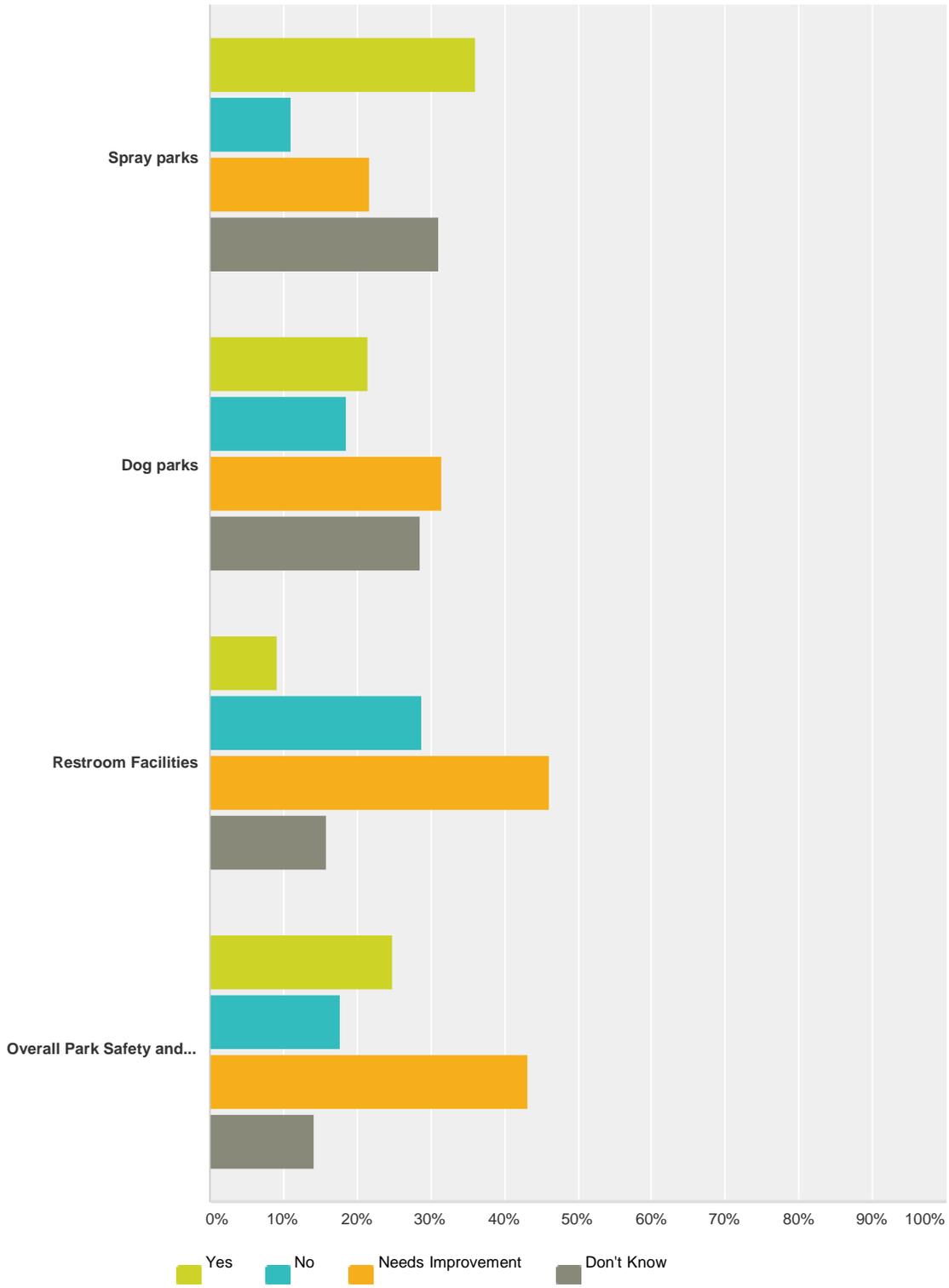
## Q5 Does the City meet your expectations in regards to providing and maintaining:

Answered: 551 Skipped: 1









	Yes	No	Needs Improvement	Don't Know	Total
Large parks (e.g. Winnekenni Park, Riverside Park and Plug Pond)	41.83% 228	11.56% 63	44.59% 243	2.02% 11	545
Small neighborhood parks (e.g. Cashmans Field and 12th Avenue)	19.56% 107	20.29% 111	44.06% 241	16.09% 88	547

Passive-recreational areas (e.g. Meadow Brook Conservation Area)	<b>27.62%</b> 150	<b>10.68%</b> 58	<b>29.83%</b> 162	<b>31.86%</b> 173	543
Bicycle, jogging, and hiking trails throughout the City	<b>23.71%</b> 129	<b>19.85%</b> 108	<b>46.32%</b> 252	<b>10.11%</b> 55	544
Outdoor winter activities (e.g. cross-country skiing, skating, sledding...)	<b>25.74%</b> 140	<b>17.10%</b> 93	<b>41.54%</b> 226	<b>15.63%</b> 85	544
Outdoor summer activities (e.g. public beach swimming, boating, fishing...)	<b>30.09%</b> 164	<b>15.05%</b> 82	<b>42.02%</b> 229	<b>12.84%</b> 70	545
Boating and fishing access to the Merrimack River	<b>22.84%</b> 124	<b>13.26%</b> 72	<b>36.28%</b> 197	<b>27.62%</b> 150	543
Boating and fishing access to the City's lakes and ponds	<b>32.41%</b> 175	<b>10.00%</b> 54	<b>29.44%</b> 159	<b>28.15%</b> 152	540
Baseball and softball fields	<b>50.18%</b> 274	<b>10.26%</b> 56	<b>23.44%</b> 128	<b>16.12%</b> 88	546
Soccer and football fields	<b>39.33%</b> 212	<b>11.87%</b> 64	<b>27.27%</b> 147	<b>21.52%</b> 116	539
Basketball courts	<b>29.23%</b> 159	<b>10.48%</b> 57	<b>32.54%</b> 177	<b>27.76%</b> 151	544
Tennis courts	<b>29.02%</b> 157	<b>11.65%</b> 63	<b>33.46%</b> 181	<b>25.88%</b> 140	541
Playgrounds and tot lots	<b>38.06%</b> 204	<b>11.19%</b> 60	<b>33.58%</b> 180	<b>17.16%</b> 92	536
Skateboarding parks	<b>17.22%</b> 93	<b>15.93%</b> 86	<b>24.63%</b> 133	<b>42.22%</b> 228	540
Handicapped-friendly play equipment	<b>13.70%</b> 74	<b>14.26%</b> 77	<b>26.67%</b> 144	<b>45.37%</b> 245	540
Spray parks	<b>36.11%</b> 195	<b>11.11%</b> 60	<b>21.67%</b> 117	<b>31.11%</b> 168	540
Dog parks	<b>21.44%</b> 116	<b>18.48%</b> 100	<b>31.42%</b> 170	<b>28.65%</b> 155	541
Restroom Facilities	<b>9.21%</b> 50	<b>28.73%</b> 156	<b>46.22%</b> 251	<b>15.84%</b> 86	543
Overall Park Safety and Security	<b>24.81%</b> 133	<b>17.72%</b> 95	<b>43.28%</b> 232	<b>14.18%</b> 76	536

#	Other/Comments:	Date
1	do we even have a skateboard park? I put 'don't know' because I don't think we have them... Even the parks with signs with no dogs, have dogs.... I think winnikinni and plug pond are the only ones that have restroom facilities. I jog several miles through winnikinni and I have never seen security at the parks, in fact I tell people I run to winnikinni (5 miles or so) and they say ' careful people get mugged there' so I would have to say security needs improvement. Also think about places that can bring communities together, seasonal opportunities, such as winter sledding areas (i met two people from my neighborhood, by my daughter sledding and meeting friends), skating areas (pentucket lake or plug pond) with skate rental) I saw a picture in the historic section of the library that showed people skating on the river (brave people) but those activities bring communities and neighbors closer.	4/13/2016 3:41 PM
2	It would be great to move the dog park at Riverside to the field behind, the current space is too way small. More places to bring the dogs off leash without fear of a ticket. Not all of us have a large yard and our big dog needs a place to run free to get his energy out. Thanks!	4/13/2016 10:31 AM
3	People don't use access to Merrimack River waterfront because of State restrictions on parking along Route 110! Get it changed. Provide marked parking on the river side, a bike lane, speed bumps, and a 25 mph enforced	4/13/2016 8:08 AM

4	We need more neighborhood playgrounds and spray parks. We also need to do a better job of maintaining the ones we have. Specifically trash removal, the barrels are always full and disgusting	4/12/2016 9:46 PM
5	Need to do more for the American Legion softball league fields	4/12/2016 7:34 PM
6	I know it is expensive, but parks and equipment need to be maintained in order to protect the investment.	4/12/2016 5:22 PM
7	Playgrounds could be maintained better, fields kept up, a leash free dog park is overdue	4/12/2016 10:03 AM
8	Raise community awareness of the resources that we do have. Get the public invested in use, maintenance and development of these resources. It is not just about spending more money on things.	4/12/2016 9:42 AM
9	please address the ducks/geese at plugs pond. love the pond but swimming with duck feces/feathers gross.	4/12/2016 3:12 AM
10	The baseball Field our children play on need significantly more maintenance and are generally in poor condition.	4/11/2016 8:37 PM
11	The American Legion Field for the girls softball has been greatly maintained!	4/11/2016 7:11 PM
12	The softball girls legion field is awful compared to the boys riverside fields. It's as if the girls don't exist.	4/11/2016 3:05 PM
13	My Daughters play softball for Haverhill Girls Softball. This means we are at the fields at the American Legion. It is obvious that the fields do not get the care and funding as the other locations in the city. The parents supporting this league spend many hours on maintaining these fields, and there is never any money put into this location to improve the fields. Given all of the softball fields at the stadium are in use for adult leagues, it seems like there should be more put into these fields to foster the youth to continue with softball.	4/11/2016 2:41 PM
14	I have kids that play both soccer and softball. We need better fields for both. It's embarrassing when other towns visit, compared to their fields with restrooms. Bleachers, play equipment. Etc.	4/11/2016 2:24 PM
15	I would love to see the Little River cleaned up and made accessible for canoes/paddleboards	4/11/2016 2:03 PM
16	The softball fields at both the American Legion Fields and the fields the high school teams use need better up keep. They seem to be neglected until someone yells loud enough to get them cleaned up and properly maintained.	4/11/2016 9:09 AM
17	12th Ave Park has been woefully ignored for years. This playground needs a complete overhaul. Shame really.	4/11/2016 7:46 AM
18	the city does as little as they can maintaining the Legion Softball Fields and all fields throughout the city	4/11/2016 5:42 AM
19	Dog parks are not necessary, dogs should not be allowed to run free in a public enclosed area as too many dogs are not well supervised by their owners.	4/7/2016 1:28 PM
20	A spray park at Riverside Park would be nice.	4/6/2016 7:50 AM
21	Rivrrside park needs a police presence more often getting out of police vehicles	4/4/2016 9:43 PM
22	Tennis courts are in rough shape, both winnekenni and Rivetside	4/2/2016 6:19 AM
23	Haverhill needs a FENCED IN dog park similar to Gloucester and other cities.	4/1/2016 10:26 AM
24	Would like to see restroom facilities at Winnikinee, not just locked restrooms near tennis courts.	3/31/2016 12:37 PM
25	Haverhill should look at western communities such as Castle Rock Colorado and model growth and improvement on there model.	3/31/2016 10:37 AM
26	Winnekenni Tennis Courts Need Windscreens also	3/30/2016 6:34 PM
27	I suggest that a walking path be built between the Lawrence St park to connect to Concord St.	3/30/2016 6:03 PM
28	we don't use swasey field due to safety concerns (public drunkenness etc). wasnt aware there was a skateboarding park until recently. what happened to kayak rentals at plug pond? current public bathrooms are disgraceful.	3/30/2016 9:56 AM
29	Being an active member of all sports with my children, the parks, fields, rinks, outdoor basketball, tennis all need improvement and increased support financially to pay people to maintain them more closely.	3/29/2016 7:59 PM
30	Would love to see a public outdoor pool and kiddie pool accessable to inner city children with summertime programs and grassy areas for picnicing. A summertime program similar to that at Amesbury's main park at Riverside or Winnikinnie	3/29/2016 2:48 PM
31	when it comes to neighborhood parks, I can only speak to the Bradford Common. When I first moved here 6 years ago, the park was lit up in the winter, and it was spectacular. For someone coming from the south off 495, this is the first park in Haverhill that you see, and it should look beautiful. Many community events are held there, and Haverhill needs to keep it maintained year round. Bring back the lights in the winter!	3/29/2016 2:21 PM
32	We need dog parks that are interesting for the dogs and where they have plenty of room to run and play.	3/29/2016 12:49 PM

33	Some areas need on site personnel & continuous maintenance & upgrades of public & open space areas!!	3/29/2016 11:07 AM
34	It is often easier to create a park/facility then it is to maintain it. There needs to be a maintenance budget for every facility just as we each have for our homes. If a budget is not provided, the area soon becomes unsafe and an eyesore.	3/29/2016 8:24 AM
35	I'd love to see more playgrounds, spray parks ( we love swasey). Plug Pond and winnekenni need some better maintenance.	3/28/2016 9:50 PM
36	Winnekenni Park is adequate but could be improved. Endicott Park in Danvers has elements similar to Winnekenni and charges user and minimal parking fees. The fees can be used to clean up and define the park like Endicott. It is beautiful and well-maitained.	3/28/2016 8:46 PM
37	The baseball fields are embarrassing. I once found a knife in the field when coaching. We need to improve.	3/28/2016 8:18 PM
38	Other cities have had Playground leaders, usually college students in the summer to organize playground games and oversee the kids so they can play safely. With the current issues of kids playing alone without parental supervision brought on by so many pediphiles being a danger to the kids, it might be recommended that a small team of park leaders per child based park be available. Start with a test park where children are already playing and introduce softball or baseball to see if it works out. The college students had the benefit of the work/study credits and were paid by the city for their time. Too many parks have lost the interest of the kids because structure wasn't present and parents are afraid to let their kids 'go play.'	3/28/2016 6:35 PM
39	Maintain Hiking trails ie. trim and spray poison ivy on trails at Winnikinni, install and maintain nice bathroom at Winnikinni	3/28/2016 4:48 PM
40	The playground next to the Citizens Center looks nice. Frankly, though, we never use it for our kids as there always seems to be a "down and out" crowd of people loitering nearby. Same goes for the ice rink put there this past winter. I genuinely believe if you put an ice rink in Bradford Common it would actually get used.	3/28/2016 3:52 PM
41	Again, I love living in Haverhill and I am happy that we have many resources but they could all use improvement. Unfortunately I think a lot of ideas are implemented, but not maintained over there lifespan.	3/28/2016 3:09 PM
42	I wish there are more places I could run in the winter months that weren't muddy or covered with snow banks/ice chunks. Clear sidewalks in the winter would help. The people who live on the main roads are the worst at clearing their snow/ice. Back roads are always better.	3/28/2016 2:06 PM
43	The park on 12 ave is run down. I never see children playing on it. Occasionally, there will be folks playing basketball. I rarely ever see the baseball field used.	3/28/2016 12:39 PM
44	I would like to see the city preserve more land for wildlife and agricultural conservation.	3/28/2016 12:34 PM
45	How is it possible that in a city with miles of wooded trails and ponds that only one (Winnekenni perhaps) is maintained for walking? Such a shame that there is no track to walk around the football field at Riverside Park. More to the point, I wish we could emulate Horn Pond in Woburn or Lake Quanapowit in Wakefield and provide a 3 mile walk for folks around one of our lakes or ponds. We need to make it more attractive for people to ant to take a walk in this city if we are going to reduce our rates of obesity and other co-morbidities.	3/28/2016 12:24 PM
46	Both grandsons play in RB baseball league -- the fields are never ready for opening day. Last year, the Swasey Park field, at one point it was raining out and the sprinklers were going off - making for a very messy field. Also the infield is like cement - not sure what they used for materials for the baselines.	3/28/2016 10:51 AM
47	Adult playground activity to share with kids as in Andover; second and more expansive dog park; improvements to maintenance of polayground at Winnikenni including seating and wood chips, play structure for mid size kids at Swazey	3/28/2016 10:44 AM
48	We need to add emergency telephone at the parks like they have in Lawrence and North Andover. The tennis court at 13th ave. Is a junk we will like to fixed it and put Volleyball court and tennis as well	3/28/2016 10:30 AM
49	It seems that a dedicated overseer for all recreational areas is needed so that there is a plan for regular maintenance. Many are not maintained at all. For example: weeds overtook the Tattersall play area and the community garden spigots were left running; during a prolonged cold spell in 2015, the ice rink in Riverside Park was collapsed and unusable; many areas have discarded trash.	3/28/2016 9:05 AM
50	Love to see the community boating program come back at Plugs Pond or the River	3/28/2016 8:57 AM
51	The City should focus on maintaining the existing facilities that is has. There is no need to create new parks and facilities that we can not take care of. An inventory of all existing facilites should be made and maintenance and upkeep should be planned and budgeted.	3/28/2016 8:18 AM

52	Winnekeeni parking areas are a meeting place for single men in individual cars looking for sexual pleasure. the areas should be patrolled by security/police to force them out of the area. I walk my dog daily at the park and I see the same men always there. It is not safe for women and small children to have to put up with this type of behavior. I have made complaints before but to no avail. Maybe if a cruiser parked in the parking area going up to the castle this activity would stop. it is really disgusting. They are not up there sitting in their cars and work vans for the sure beauty of the area. Please do something about it.	3/28/2016 7:46 AM
53	The Merrimack River Trail needs more attention.	3/28/2016 7:37 AM
54	Last year during a little league game on hill dale we had to call police due to a fight that broke out on the basketball courts	3/28/2016 5:52 AM
55	kenoza trail is littered with fallen trees that block the paths making it difficult to pass	3/27/2016 10:01 PM
56	No parks in haverhill have working restrooms at the moment.	3/27/2016 8:05 PM
57	Riverside park is much improved, but there is need in other neighborhood so people can go close to their homes	3/27/2016 1:53 PM
58	Most skateboarding seems to be done at Washington Square- day and night.	3/27/2016 1:39 PM
59	more parking needed at winnikinny. restrooms needed for gar park as there are play areas people using the area for resting viewing of the memorial. also hanna dustin statue needs maintenance.	3/26/2016 11:24 PM
60	12th ave field/courts could use improvements as well as safety checks	3/26/2016 9:42 PM
61	Again the city can always improve them.	3/26/2016 8:36 PM
62	The city does a poor job maintaining the athletic fields which gives an unwelcoming impression. The grass is mowed on an infrequent basis. In regard to the baseball and softball fields, the city leaves clumps of grass in the outfield, in addition to leaving clippings on the dirt infield, which allows more grass to grow where it does not belong. Often parents and coaches must mow the grass themselves and then hear the backlash from city workers and officials. In addition, the youth fields are not properly maintained and are only addressed when safety becomes an issue. Sprinkler heads are not inspected regularly. In some cases the heads are broken, causing flooding in certain parts of the field while other parts dry out. The city has spent millions of dollars at Swaysey Field but fails to maintain the safety of the property as coaches have had to inspect the field to protect their players from hypodermic needles and animal waste.	3/26/2016 8:26 PM
63	Restrooms at parks would be so helpful!	3/26/2016 8:24 PM
64	Would love a splash park in Riverside	3/26/2016 6:58 PM
65	More spray parks and tot lots	3/26/2016 4:41 PM
66	I would like to see more neighborhood parks. CA is way ahead of MA in providing them within walking distance of homes.	3/26/2016 3:40 PM
67	The city needs to provide more areas for the equestrian enthusiast, providing parking and enforcing leash laws in existing areas.	3/26/2016 3:17 PM
68	Garbage barrels are not always emptied at Winnekenni Park. Button Woods Museum entrance needs to be removed.	3/26/2016 2:05 PM
69	Crystal Lake and Millvale areas need the same attention and care as Winnekenni and such.	3/26/2016 1:44 PM
70	Parks like Winnekenni need greater police monitoring	3/26/2016 1:04 PM
71	WISH NEW PLAY GROUNDS LIKE PORTLAND STREET HAD NO ANIMALS ALOUD BECAUSE OF THE ANIMALS GOING TO BATHROOM WERE CHILDREN PLAY AND FOR SAFETY OF CHILDREN WHEN OWNERS OF ANIMALS DON'T CONTROL THEM OR OBEY LAWS OF LEASHES AND PICKING UP POOP. RESTROOM FACILLITIES WOULD BE NICE SO PEOPLE DON'T GO BEHIND TREES.	3/26/2016 12:17 PM
72	With respect to the SMALL PARKS, I NEVER SEE ANYONE UTILIZING THOSE PARKS, so why develop more of them???????	3/26/2016 11:15 AM
73	I think the fields used for rb baseball could be improved. The team benches are broken, splintered and sometimes there is no bench for the players to sit on. This seems like a cheap easy fix, so I hope it improves. I think the spray park is in a neighborhood that needs attention, so it is a nice idea. However, I would never take my family to that area to use it. I wouldn't feel safe there.	3/26/2016 10:36 AM
74	Vandalism and littering throughout city open spaces needs to be addressed to enhance improvements.	3/26/2016 10:27 AM
75	More family areas. More safe areas	3/26/2016 10:13 AM
76	Winnekenni trail network needs to be cleaned up.	3/26/2016 9:56 AM

77	haverhill offers an excellent variety of opportunities for its able-bodied citizens to enjoy the recreational areas, however, I would challenge the leadership to spend a day in a wheelchair and TRY to visit these facilities as a USER and not an OBSERVER.	3/26/2016 9:56 AM
78	All the city talks about is the money being spent on Baseball spray parks, dog trails, etc. Despite having the largest Youth program in the city we have the absolute worst soccer fields in all of Essex County. When will we spend some real money on improving these fields? Maybe the Mayor & City Council should wake up and get involved with fixing these disgraceful fields.	3/26/2016 9:54 AM
79	My son plays baseball and when we play in surrounding communities (Methuen, Billerica & Andover) fields are so much better than our fields. It is kind of embarrassing to host games vs surrounding towns because our fields are not up to par compared to the other communities. I believe the riverside baseball fields need major improvements.	3/26/2016 9:41 AM
80	The greatest treasure that the city has is the Merrimack River. Much more must be done to prevent sewage going into the river. The harbor master was told that the city is deliberately allowing sewage into thrive rto save treatment money.	3/26/2016 9:38 AM
81	The condition of the 12th Ave playground and ball field is horrendous. The swings are 38" off the ground so kids cannot reach them, the fences are deteriorating, and the fields are not maintained. Often times the neighbors now and weed whack properly because the city does it too infrequently and poorly at that.	3/26/2016 9:10 AM
82	the present dog park needs to be much larger so that dogs can run	3/26/2016 8:56 AM
83	An outdoor deck hockey rink would be great.	3/26/2016 8:31 AM
84	Most parks tend to be in areas of the city I would never let my children play in. We would have to drive all the way to winnikinni or riverside park to have any where to go. Would like to see more parks on the salem/methuen side of the city.	3/26/2016 7:30 AM
85	Riverside Park, Haverhill Stadium: please clean up the park along the river and cut down the brush/small trees and repave and/or repair the walkways throughout the entire park. There are elderly people that walk in this park and the walking paths are cracked, with weeds growing in the cracks, and uneven. Thank you.	3/26/2016 7:03 AM
86	Street hockey is not available	3/26/2016 5:13 AM
87	the baseball and softball fields are an embarrassment. The surrounding towns have far superior facilities for their town leagues. The town has had offers from Riverside Bradford Baseball to take over some of the ownership of the fields and has turned them down. If they don't want to hand over some of the responsibilities then they need to step up their ability to take care of and IMPROVE the fields. Dugouts, batting cages, pitching cages, grass on an infield, proper pitching mounds, better/more lights, etc. Total embarrassment for Haverhill	3/25/2016 9:25 PM
88	Haverhill has nice parks but we need more also need more dog parks so people will stop taking their dogs to the cemetery to run	3/25/2016 7:20 PM
89	keep dogs off ball fields	3/25/2016 6:16 PM
90	12 Avenue baseball field is in bad shape, baseball fields in general need work	3/25/2016 3:54 PM
91	Riverside Park baseball fields are terrible--need to be done over and maintained properly	3/25/2016 3:05 PM
92	People need to stop smoking around kids and throwing there cigarettes butts on the ground.	3/25/2016 1:55 PM
93	I think improvements to Winnekenni park as well as Riverside should be 2 top priorities. There are opportunities for Winnekenni that can be looked into such as buidling a snack stand for the summer months. I think the play ground area could use a major upgrade and should be expanded to attract more children. This would be another ideal area for a spray park. I think the castle itself is not utilized enough or properly. There are too many activities up there that don't interest enough people. I know the city does a movie night downtown during the summer months the city should offer the same thing at the castle. I would much rather see an outdoor movie on the lawn of the castle than	3/25/2016 1:26 PM
94	Riverside Park needs more development.	3/25/2016 1:05 PM
95	more patrols are need at various parks after dark to help prevent vandalism. plus community programs to ensure pride in peoples neighborhoods. also parts of parks like the restrooms fall into disrepair very quickly.	3/25/2016 12:42 PM
96	Small parks dont seem safe. So much trash along streets/trails it makes it so unpleasant. Only area kept up are winnikeni and plug pond. Access to kayaks would be nice. Suspicious activity at plug pond.	3/25/2016 11:16 AM
97	Difficult to answer only with a "yes / no / NI or DK". Again, I believe if we could put money into the parks, more people would come down and enjoy them. I also feel, if we maintained our fields we could attract more out of city teams and make money. A shack shop at RB and the rink, could bring in some additional revenue.	3/25/2016 11:10 AM
98	We need a spray park at Riverside Park	3/25/2016 10:58 AM

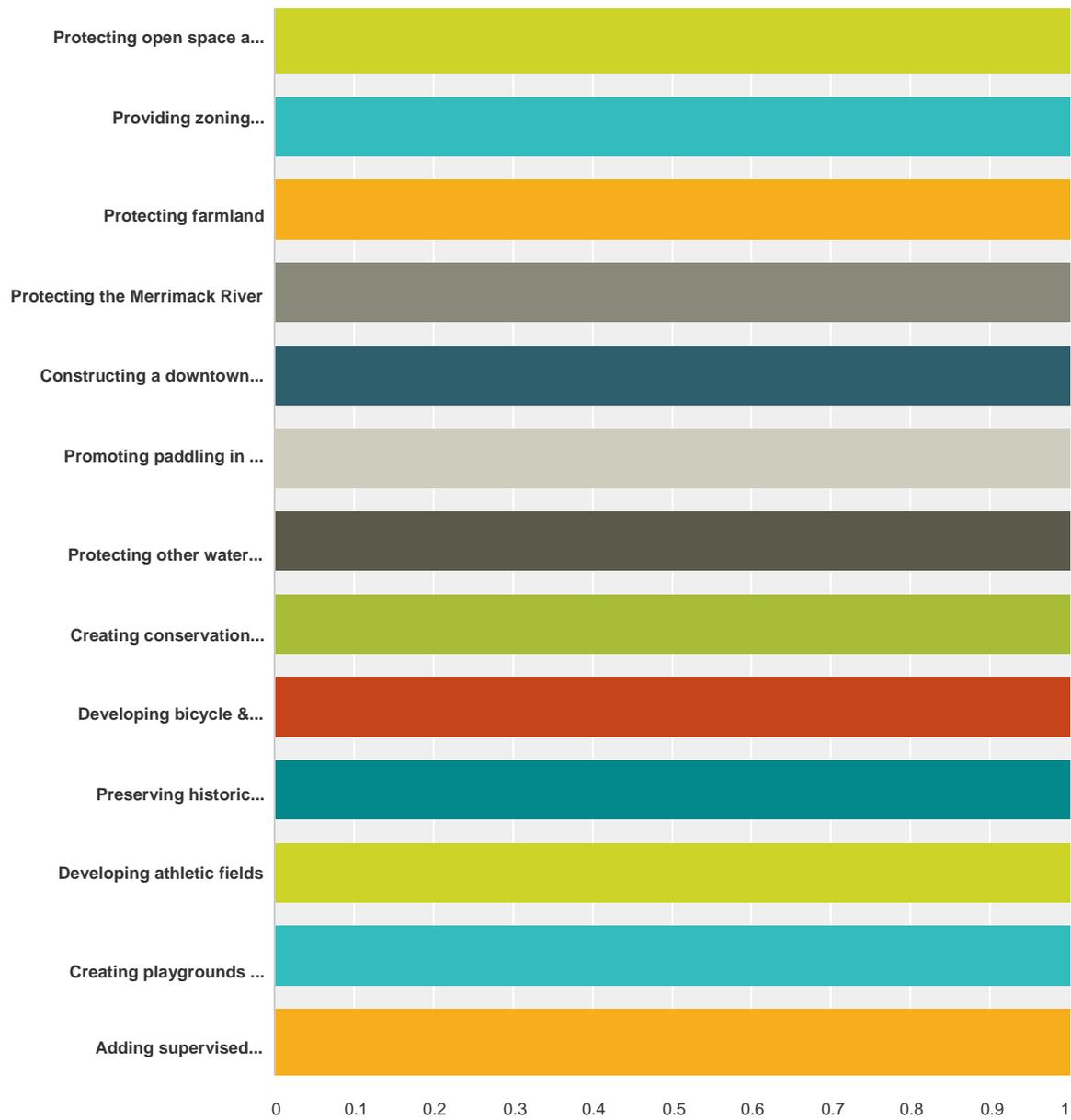
99	The baseball fields definitely need a LOT of improvements. It was slightly embarrassing being the home team when we had to play in Haverhill with other cities and towns last summer.	3/25/2016 10:42 AM
100	Baseball parks that I have encountered are typically in deplorable condition	3/25/2016 10:42 AM
101	The city should take better care of Riverside Park. It is a safety issue.	3/25/2016 10:32 AM
102	I have never seen a police officer or a park"official " at the river front park, except on a Saturday	3/25/2016 10:32 AM
103	Baseball fields are constantly overgrown and difficult to play on. Infields are like concrete and uneven.	3/25/2016 10:31 AM
104	All baseball fields need major improvement ....maybe a partnership with local businesses would help defray cost	3/25/2016 10:29 AM
105	The could be much cleaner with less riffraff	3/25/2016 10:26 AM
106	Always finding used needles in parks	3/24/2016 11:40 PM
107	there are no handicap access playgrounds and we need more playgrounds with better upkeep. there is no upkeep for playgrounds. sprayparks are great right now as long as there is upkeep	3/24/2016 10:04 PM
108	I would like to see the trash at wennikenni and riverside cleaned up faster, it always seems like theyre over flowing. Also can we get matching trash barrels that are not ugly, and go with the beautiful surroundings! Update, update, lets represent our city in the best way we can!	3/23/2016 9:51 PM
109	Public restrooms for playground fields and the like, always need to be maintained for cleanliness and accesibility.	3/23/2016 12:30 PM
110	For a city as large as haverhill, most of out playground equipment paled in comparison to other towns	3/23/2016 11:55 AM
111	I would like the city to create a pocket park om empty lot at grove and high st. It is an eyesore and a lot of families use the nearby crosswalk daily	3/22/2016 7:07 PM
112	Park adult excercise equipment & disabled access	3/22/2016 5:52 PM
113	One of the big problems is mantainence. the city needs to stay involved after intallation of the facilities.	3/22/2016 11:58 AM
114	I'd like to see the restrooms at Plugs Pond be updated. They're absolutely disgusting. Also the skating rink is in need of a major makeover. The dog park at Riverside is nothing but a fenced in area.	3/22/2016 10:40 AM
115	I think we are on our way but would like to see more opportunities for recreation all over the city. More equipment for people who are challenged physically should be included in an upcoming grant. I like to see people fishing in our lakes and ponds but the litter situation created by folks is deplorable. The lead weights and fishing line left behind is a danger to birds and other wildlife. This needs to be addressed.	3/22/2016 9:47 AM
116	The city needs more handicap access	3/22/2016 7:38 AM
117	There has been some park improvement however I know many youth who want a football field, city teams, and improvements and more opportunity at 12th ave and cashmans	3/22/2016 6:48 AM
118	Need to spruce up Plug Pond	3/22/2016 6:42 AM
119	More days for people to volunteer for pick up of trash. I go once a week to p/u trash at Winikinni Park. Alsomake the fine larger for people that don't take there dogs wast and leave it for someone else to pick it up.	3/22/2016 5:51 AM
120	I	3/21/2016 8:59 PM
121	Baseball fields barely have dirt on the field by the middle of the seasons. It's a safety concern.	3/21/2016 8:30 PM
122	We have the only fields without nice fields. Would be nice to see dugouts, better field maintenance and more support from the city	3/21/2016 7:55 PM
123	The city being so large must hire an Environmental officer. Way too much trash and damage being done to these areas.	3/21/2016 7:22 PM
124	Bradford could use more parks or passive recreation areas. Plugs Pond needs an extended swimming season from Memorial Day to the end of September.	3/20/2016 11:51 AM
125	Dogs are allowed to run free everywhere. I have repeatedly requested law enforcement after being bitten. Dog feces also litter all public areas.	3/18/2016 11:04 PM
126	there are no more bicycle lines or enough shoulder space for bicycles on Route 97 toward Salem anymore.	3/18/2016 8:58 PM
127	While I think the city is probably doing fine with maintaining parks & facilities, I think the burden is really on the patrons of these places to pick up after themselves & treat these facilities with respect & care. (which unfortunately is not always the case)	3/18/2016 11:07 AM

128	Bring back the Shoe City Criterium, more bike racing	3/18/2016 7:07 AM
129	We need a toddler park. Like penguin park in Andover and Newburyport	3/17/2016 10:21 PM
130	I've found a few needles around the park on the Lawrence St. side of round pond over the past year. Might be time for a discreet sharps disposal box.	3/17/2016 10:10 PM
131	Parkson need to be cleaned up and facilities improved at Parks. This includes restrooms and recreational areas	3/17/2016 9:46 PM
132	I am very concerned about dock development along the Merrimack River. Let's encourage kayaking and rowing instead of loud, disruptive power boats. As for the parks, there have been many improvements over the past several years but there's more to do. I'm optimistic the city will continue its progress.	3/17/2016 9:11 PM
133	Parks/trails need to be monitored for needles drugs	3/17/2016 6:49 PM
134	Heroin needles on the ground around swayze, bathrooms at Riverside always atrocious, broken bottles all over the tiny park by fantinis, moody school lot/basketball court is seriously lacking any luster or welcoming feelings. THEY ALL NEED SEVERE IMPROVEMENT!	3/17/2016 2:19 PM
135	Dog park at the riverside park has poison ivy all along the fence during summer, and overgrown grass etc.	3/17/2016 12:39 PM
136	Fields available for soccer in the city are in horrible condition. We arguably have some of the worst fields in terms of field condition in all of Essex county. HYS is constrained by the available field space	3/17/2016 9:44 AM
137	Again new to the city and trying to get a handle on what is out there and its current conditions	3/17/2016 8:38 AM
138	Need playgrounds/activities geared toward younger kids/toddlers	3/16/2016 7:22 PM
139	bathroom facilities are embarssment at riverside/stadium parks that labels haverhill as bush league	3/16/2016 7:18 PM
140	Is there an off leash dog park now?	3/16/2016 9:50 AM
141	it is amazing how the city thinks it can make things better without maintaining the existing services properly.	3/16/2016 7:06 AM
142	Children playgrounds need maintenance and landscaping	3/15/2016 9:32 PM
143	The Hilldale Cemetary is in terrible shape. If the DPW isn't going to keep it up, they should step aside and let volunteers go back to maintining it. I know it's not a rec space, but I thought I'd mention it.	3/15/2016 8:31 PM
144	Lights or cameras should be implemented in parks to defer crime. Parks open nice but inner city parks not maintained.	3/15/2016 8:02 PM
145	I've been hassled by the drug addicts behind Haverhill Bank in the evening when out for a walk.	3/15/2016 6:42 PM
146	I don't see a clear maintenance plan for these assets. I do see overflowing garbage and lack of restroom facilities.	3/15/2016 4:17 PM
147	The teens and young adults do not have much in the city. Most is geared for young kids and parents	3/15/2016 3:34 PM
148	Need disc golf course.	3/15/2016 3:28 PM
149	City needs more parks to walk, cycling, jogging outdoor activity	3/15/2016 12:35 PM
150	I would love to see more family friendly bicycle trails - the Bradford Rail Trail is nice but VERY short.	3/15/2016 11:22 AM
151	Sidewalks in the highlands are awful and in need of repair, especially summer st, which city hall is on	3/15/2016 11:07 AM
152	the city has done some work developing new areas but not done enough for maintaining existing areas or monitoring them for vandalism or destruction	3/15/2016 10:53 AM
153	Sometimes the trash is overflowing, especially ar Riverside when leagues are in session. More bathrooms are needed there too.	3/15/2016 10:31 AM
154	Again as stated beore we really need an Officer at every park to control the ignorance and the drugs.	3/15/2016 10:07 AM
155	Winnekenni parking needs improvement. Roads need resurfacing with curbing and marked parking spaces.	3/15/2016 9:54 AM
156	Also need a larger dog park that can accommodate more than 10 dogs and where they can really run and play off leash. Not everyone has a 10lb dog. The one at the stadium is a joke. it should be a field not a 20x20 foot fenced in area.	3/15/2016 9:10 AM
157	Where to start - Winnekenni castle is ugly inside needs to be as enticing in as out and more affordable resident use and have staff or volunteers more available it can take weeks to get an answer about renting, small parks are great keep them coming they build community,we need designated cross country trails, city skating rinks need to be big enough for hockey and family kate if you want people off the ponds and lakes, outdoor activities need a better promotion and a detailed listing on city website, if there is handicapped playgrounds I haven't heard of them, rest room facilities need to be more abundant and less scary. More safety patrol presence needed	3/15/2016 9:07 AM

158	The city needs more playgrounds for small children.	3/15/2016 8:38 AM
159	Would love to see more winter opportunities through haverhill rec, snowshoe rentals? If haverhill has a skateboard park I don't know about it. We don't use the new spray park at Swasey because of foul language, public drinking, trash (glass containers and beer bottle caps are dangerous!). We need additional/better restroom facilities (the composting toilet at riverside is usually disgusting)	3/15/2016 7:51 AM
160	Back side of haverhill stadium ha no lights	3/15/2016 6:30 AM
161	I have no idea how to access the Merrimack River.	3/15/2016 12:58 AM

## Q6 Please rate each of the following as to its importance in enhancing Haverhill's community character:

Answered: 547 Skipped: 5



	Very Importan	Some what	Not Important	Don't Know	Total	Weighted Average
Protecting open space and wildlife	82.78% 452	15.02% 82	1.47% 8	0.73% 4	546	1.00
Providing zoning protections for street trees, hilltops, and scenic roads	65.50% 357	24.40% 133	6.42% 35	3.67% 20	545	1.00
Protecting farmland	75.09% 410	19.78% 108	3.66% 20	1.47% 8	546	1.00

Protecting the Merrimack River	<b>90.44%</b> 492	<b>7.90%</b> 43	<b>1.10%</b> 6	<b>0.55%</b> 3	544	1.00
Constructing a downtown riverwalk along the Merrimack River	<b>66.42%</b> 360	<b>26.57%</b> 144	<b>5.90%</b> 32	<b>1.11%</b> 6	542	1.00
Promoting paddling in the City's lakes and rivers	<b>50.46%</b> 274	<b>33.70%</b> 183	<b>12.15%</b> 66	<b>3.68%</b> 20	543	1.00
Protecting other water resources	<b>84.35%</b> 458	<b>13.08%</b> 71	<b>1.29%</b> 7	<b>1.29%</b> 7	543	1.00
Creating conservation areas/hiking trails	<b>75.46%</b> 409	<b>20.85%</b> 113	<b>2.95%</b> 16	<b>0.74%</b> 4	542	1.00
Developing bicycle & jogging trails	<b>65.62%</b> 355	<b>27.36%</b> 148	<b>6.10%</b> 33	<b>0.92%</b> 5	541	1.00
Preserving historic aspects of the City	<b>77.53%</b> 421	<b>19.15%</b> 104	<b>2.58%</b> 14	<b>0.74%</b> 4	543	1.00
Developing athletic fields	<b>50.83%</b> 275	<b>36.23%</b> 196	<b>10.35%</b> 56	<b>2.59%</b> 14	541	1.00
Creating playgrounds & tot lots	<b>55.17%</b> 299	<b>33.39%</b> 181	<b>9.04%</b> 49	<b>2.40%</b> 13	542	1.00
Adding supervised summer recreational programs	<b>58.90%</b> 321	<b>26.79%</b> 146	<b>8.99%</b> 49	<b>5.32%</b> 29	545	1.00

#	Other/Comments:	Date
1	If you want the city to be competitive to a sustainable future, it is time to look forward and stop developing every open space in the hopes people will move in, improve and renovate the spaces we have ie. the gas station at the top of 125 abandoned for 5 years could be a community garden, the abandoned building in front of buttonwoods on the river could be a kayak/canoe small sailboat club, the bike path could connect Haverhill Groveland, Newbury and Newburyport, the old airport space by the river could have been a great recreational/fitness park. Also let's get some task force groups (ie bike path task force) to help drive goals execution. Too big and less efficient for a team of 10 on tasks.	4/13/2016 3:41 PM
2	Haverhill's roads and sidewalks are horribly unfriendly toward pedestrians, bicyclers, and visitors. Signage and lane marking is particularly poor and confusing to newcomers and visitors.	4/13/2016 8:08 AM
3	A community pool would be great. Where you can pay a daily rate or something. A place not just focused on the city part, but areas in Bradford	4/11/2016 2:24 PM
4	The Little River could be a gem of a recreational opportunity	4/11/2016 2:03 PM
5	Why are there not recycling trash disposals in all parks? Most of what is thrown away there IS recyclable material!!!!	4/11/2016 7:46 AM
6	the city does the bare minimum to all the existing fields	4/11/2016 5:42 AM
7	I bicycle on the streets in North Haverhill and wish the city would do a better job maintaining the sides of the streets for bicycles. An aggressive program to enforce speed limits on country roads, such as N Broadway, would also help.	4/6/2016 6:45 PM
8	Would like to see dedicated pickleball courts in the city	4/6/2016 12:56 PM
9	Summer rec programs at fields like 1975	4/4/2016 9:43 PM
10	There are not enough full size baseball fields or soccer fields. There are no neighborhood playgrounds on the outskirts such as Ahers Village, Rocks Village, and upper Main Street.	3/31/2016 10:37 AM
11	unsupervised summer rec would be great, too - kids concerts, etc. we travel to Lowell and Andover for their kids entertainment series during the summer. we have a decent amount of hiking trails in town, but they aren't well known to the public. would love to see a park ranger or similar to lead hikes and introduce people to our amazing conservation areas! we travel to Newburyport and North Andover for these opportunities.	3/30/2016 9:56 AM
12	There is enough right now. Too much building downtown, you will either have too much traffic or too much section 8 housing. We don't need any more of either.	3/30/2016 8:59 AM
13	biking access on the roads and biking trails are what will attract young professionals to the area.	3/29/2016 2:21 PM

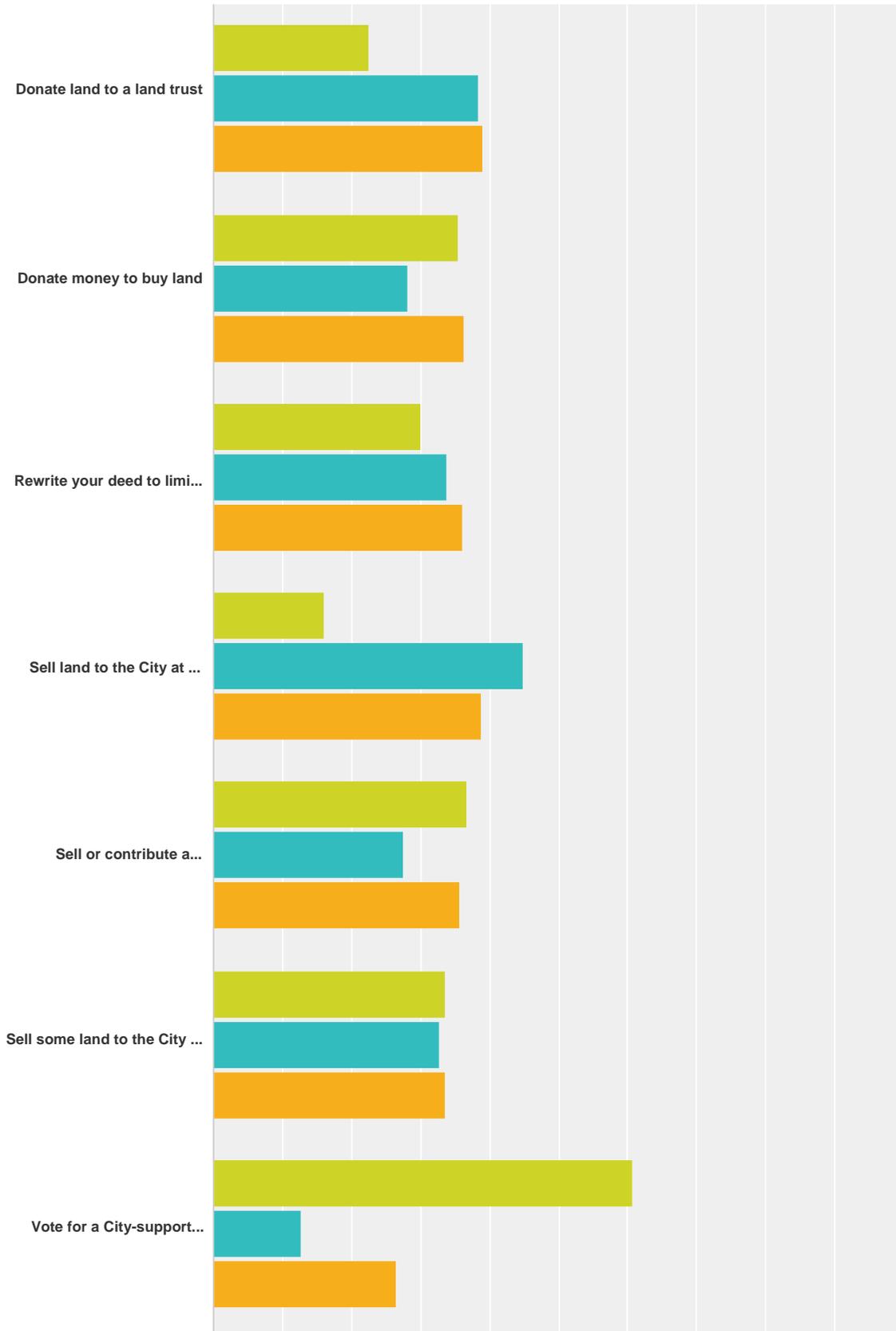
14	We have enough playgrounds and tot lots, but redefining park boundaries and advertising what is available at each park might be helpful.	3/28/2016 8:46 PM
15	Farmland is at the top of the list of what should be protected. Increasingly, we are finding that much of the foods we rely on from stores are tainted with hormones, chemicals, wax and dangerous substances, and these all have had adverse effects on health, both physical and mental and emotional. Haverhill could be a leader in farmland protection and there would be a tendency for other communities to see how Haverhill regards its farmland. So many places have lost valuable farmland to housing developers who pay little for the land and the buildings they put there while making obscene amounts of money by charging so much that the average Haverhill citizen can't afford the condos or homes put up.	3/28/2016 6:35 PM
16	Protecting open space and wildlife, farmland, the Merrimack River, and other water resources are absolutely the most important. Without protecting these spaces we will not leave much for future generations. The other categories are "nice to have's", but these are necessary.	3/28/2016 3:09 PM
17	I would like to see the city preserve more land for wildlife conservation and agricultural preservation.	3/28/2016 12:34 PM
18	Please!!!!!!!!!!!! Or I'll have to move to a community that values those items	3/28/2016 12:24 PM
19	All of these things are important. The problem is the park and rec department and or dpw does not do a good job in caring for these important resources. We shouldn't be talking about creating more rec space until we can properly care for the space we have. Take for instance the trees lining River St -- they are surrounded by weeds, trash etc.	3/28/2016 10:51 AM
20	Facilitating recreational water use at ponds, on river, critical to character of city. Winnikenni trails in summer with people, dogs and runners and bikes sometimes overwhelming and absent rules of priority use or road etiquette	3/28/2016 10:44 AM
21	It is expensive and difficult to keep our children in sports like Husky, Basketball and Baseball we need the city to create their own programs	3/28/2016 10:30 AM
22	the soccer field definitely need updating. they are mounds of dirt and not grassy at all.the 12th ave practice field is better than the playing field	3/28/2016 10:05 AM
23	Before creating new ones, the existing ones need to be regularly maintained.	3/28/2016 9:05 AM
24	While I think that athletic fields and playgrounds and tot lots are important, I think that Haverhill now has enough of them and just needs to maintain them properly at this point rather than creating more of them.	3/28/2016 8:42 AM
25	Take a look at Riverside Park and the Haverhill Stadium - it has or could have almost everything you need in the above list.	3/28/2016 8:18 AM
26	bring back the playgrounds.....even if it were part time	3/28/2016 7:46 AM
27	ball fields have been in terrible shape for years. athletic director should be replaced with someone that can get things done.	3/27/2016 10:01 PM
28	It is vitally important to get kids outside playing. Let's give safe fun places to go and lay together, or just hike or be in nature.	3/26/2016 8:36 PM
29	I would love to see additional trails and facilities, but we need to be able to maintain what we have before adding more.	3/26/2016 3:40 PM
30	What ever can be done to protect and promote farmland.	3/26/2016 2:05 PM
31	I'm afraid the horse is out of the barn on historic preservation.	3/26/2016 1:04 PM
32	MY CHILDREN HAD A SUMMER PROGRAM AT THE PLAYGROUND AND THEY DID ACTIVITIES AND CRAFTS THIS WOULD BE GREAT TO HAVE SOMETHING FOR THE KIDS	3/26/2016 12:17 PM
33	We have ENOUGH hiking trails, conservation areas, bicycle and jogging trails. USE THE SPACES WE HAVE!!!! With respect to Winnekenni Park, I suggest that --- you change your signs; Fishing should either be allowed, or people who fish in Kenoza Lake should be fined for doing so. What you are doing now doesn't work. ALSO, people are SLOBS! They litter Winnekenni, don't pick up after themselves, leave "stuff" all over the place. Should also police the "dog on leash thing." When I walk the park, there are always dogs running loose, accosting walkers and runners, dogs drinking the Kenoza Lake water, etc.	3/26/2016 11:15 AM
34	I know Haverhill is a big city, and it takes a lot to maintain the parks, etc. I appreciate that you are making parks, recreation and conservation a priority. It is what will keep people in town, and draw families to the area. Thank you!	3/26/2016 10:36 AM
35	All of the above add immeasurable value to the quality of life of Haverhill citizens	3/26/2016 10:27 AM
36	see previous comments. also note that Haverhill has lots of recreational programs focused on sports but not a single one for adaptive sports.	3/26/2016 9:56 AM

37	Develop & Dedicate a specific park for the youth soccer program that actually is flat and has some grass on it.	3/26/2016 9:54 AM
38	There needs to be academic enrichment combined with recreational for our kids. It just can't be for the kids that can afford it or the kids that are failing or below the poverty level.	3/26/2016 8:02 AM
39	Improving current athletic fields and playgrounds is very important.	3/26/2016 5:13 AM
40	Conservating land and historic areas in Haverhill I believe is very important to our overall character	3/25/2016 7:20 PM
41	take care of the playgrounds we have without adding new ones we have plenty just take care of them	3/25/2016 6:16 PM
42	People need to stop smoking around kids and throwing their cigarettes butts on the ground.	3/25/2016 1:55 PM
43	To me the most important areas in this section are the playgrounds, outdoor trails, and athletic fields. All areas if done right could really open up areas for the children of Haverhill for now and in the future.	3/25/2016 1:26 PM
44	The city should embrace anything related to development of the Merrimack River - it has great potential and is one of the unique things about Haverhill	3/25/2016 1:05 PM
45	Summer camps cost a lot of money for some families. Free programs for grade school kids to keep them off the streets plus paid public work programs for high school aged kids would be beneficial	3/25/2016 12:42 PM
46	Make Haverhill look cleaner with more trees and less roadside trash.	3/25/2016 11:16 AM
47	I understand this costs money, so create places where we can also make additional revenue...especially from people outside of Haverhill. Create places, where people will want to visit. Also, when you have outside teams coming to a park, have a place for them to buy drinks and food. Retain them from running over to Dunkin' Donuts.	3/25/2016 11:10 AM
48	When I was a kid growing up in this city my parents never had to pay for me to participate in any sports.	3/25/2016 10:37 AM
49	I feel that there is not enough clean, safe areas to take my children	3/25/2016 10:26 AM
50	We need more summer activities for children and more upkeep done on parks and playgrounds	3/24/2016 10:04 PM
51	I would love to see more recreational activities, especially making good use of our river! A row team would be a wonderful idea, it'll open new doors for students maybe wanting to row in college on the Charles, or at UConn or even in DC!! Let's keep moving up!	3/23/2016 9:51 PM
52	Increased areas for community gardening, city beautification (planters, window boxes, hanging plants) of public spaces	3/22/2016 3:57 PM
53	There used to be summer playgrounds at the local schools. That was great. Please bring them back.	3/22/2016 11:58 AM
54	I would like to see playgrounds that create conditions for children to be more interactive. More emphasis on constructing opportunities by providing kids with building materials. Structures built that encourage creative play. Structures for experimentation with water flow and sand, giving them opportunities for solving problems and creating solutions themselves while engaging with other children and adults. I own a house lot that I have invested in planting many native plants to attract pollinators of all kinds. I would love to see that preserved and continued after I leave.	3/22/2016 9:47 AM
55	There needs to be more for the kids / teens to do	3/22/2016 6:48 AM
56	Protecting the Victorian heritage of the Highlands and other historic buildings	3/22/2016 6:42 AM
57	Schools improvement	3/21/2016 8:06 PM
58	Once again, the city can afford only so much. Our buildings maintenance should be top priority.	3/21/2016 7:22 PM
59	Haverhill has so much open space, great history, & parks. I feel especially our historical sites do not get the attention & care they deserve.	3/18/2016 11:07 AM
60	Bike lanes on rural roads needed. Also poison ivy control. You can't step off the road to avoid cars because of this.	3/17/2016 6:05 PM
61	Is there a rail trail? Not sure if any inactive tracks run through the city.	3/16/2016 9:50 AM
62	There is not much for adult/community involvement outside of school sports	3/15/2016 10:15 PM
63	I think we have a lot of athletic facilities, and they're in great shape.	3/15/2016 8:31 PM
64	When you plan these things make sure you plan \$\$\$ to take care of them	3/15/2016 4:21 PM
65	Amenities like these are important to the quality of life in Haverhill	3/15/2016 4:17 PM
66	What happened to Hannah Dustin Trail??	3/15/2016 3:46 PM
67	City residents as volunteers can be utilized also	3/15/2016 3:34 PM
68	Need a disc golf course.	3/15/2016 3:28 PM

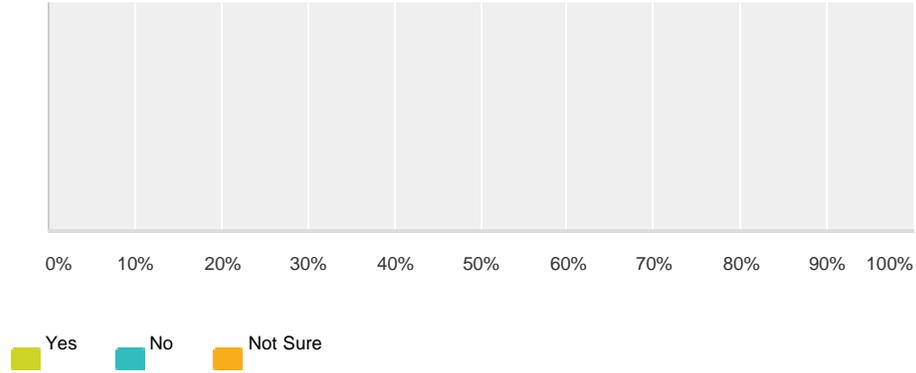
69	City needs more parks to walk, cycling, jogging outdoor activity	3/15/2016 12:35 PM
70	Preserving Haverhill's history and beautiful landscape is of utmost important in order to promote Haverhill as a proud, healthy place of living	3/15/2016 12:11 PM
71	Need a bike path on North Broadway to reach Tattersall Farm	3/15/2016 11:39 AM
72	Disc Golf= very important	3/15/2016 11:07 AM
73	the city has done some work developing new areas but not done enough for maintaining existing areas or monitoring them for vandalism or destruction	3/15/2016 10:53 AM
74	Maintain what we have first	3/15/2016 10:42 AM
75	Playgrounds for older kids would be great. Instead of getting into trouble they could have a more positive use of their time.	3/15/2016 10:07 AM
76	You need folks leading recreation programs with a vision and handle on what is going on in other towns	3/15/2016 9:19 AM
77	It's not an all or nothing proposition.We need to be able to develop and grow along side our natural and recreational assets.	3/15/2016 9:07 AM
78	We already have a lot of hiking trails, perhaps the city could promote them more?	3/15/2016 7:51 AM
79	I enjoy exploring the hiking trails. I plan to explore the small area waterways via SUP this year.	3/15/2016 12:58 AM

## Q7 To preserve open space in Haverhill, would you:

Answered: 544 Skipped: 8



Other/Comments:



	Yes	No	Not Sure	Total
Donate land to a land trust	22.45% 119	38.49% 204	39.06% 207	530
Donate money to buy land	35.45% 190	28.17% 151	36.38% 195	536
Rewrite your deed to limit future development of your land	30.06% 159	33.84% 179	36.11% 191	529
Sell land to the City at a "bargain price"	16.13% 85	44.97% 237	38.90% 205	527
Sell or contribute a Conservation Restriction to protect your land from future development	36.81% 194	27.51% 145	35.67% 188	527
Sell some land to the City at fair market value	33.65% 177	32.70% 172	33.65% 177	526
Vote for a City-supported land acquisition program	60.81% 329	12.75% 69	26.43% 143	541
Other/Comments:	0.00% 0	0.00% 0	0.00% 0	0

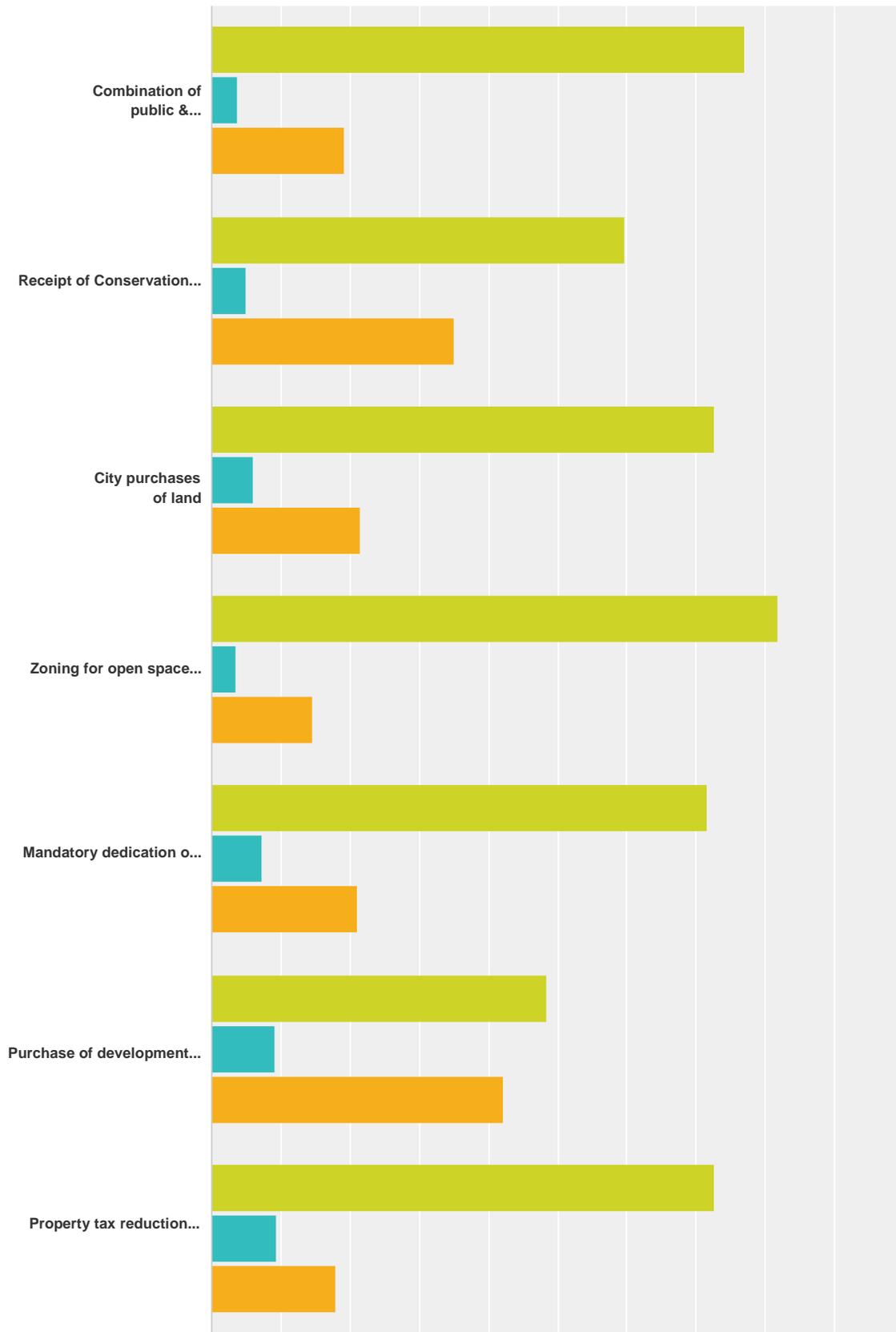
#	Other/Comments:	Date
1	I do not have enough land to lend sell or protect, but the city is in league with development so would have a seperate conseravation trust established.	4/13/2016 3:41 PM
2	I would need to learn more about the items checked unsure	4/13/2016 9:22 AM
3	Haverhill's land area is huge, but some areas of buildings were poorly planned and are crime-ridden, and should be razed.	4/13/2016 8:08 AM
4	I do not own land or property.	4/12/2016 5:22 PM
5	I don't own any property -renter	4/12/2016 9:36 AM
6	the city shouldn't expand until the maintained their fields	4/11/2016 5:42 AM
7	I do not own land	4/8/2016 4:30 PM
8	Do not own open land but I do live across from 200 acers on North Broadway that I would like to see preserved.	4/6/2016 6:45 PM
9	Where I live - in a residential neighborhood isn't conducive to deed limitations and we probably couldn't afford to do that in any case. Donating is good alternative.	4/5/2016 2:12 PM
10	Sorry, I don't have much land to offer the city	3/30/2016 12:11 PM
11	dont have the legal knowledge to give an informed opinion	3/30/2016 9:56 AM
12	I only have a small house in the middle of a block. I am not a big land holder.	3/30/2016 8:59 AM
13	Most of these questions do not apply to to my situation.	3/29/2016 2:48 PM

14	I think a better solution is to restrict over development and HOLD DEVELOPERS to agreements made with the city..	3/29/2016 2:21 PM
15	I don't own property that would be helpful to the city and its open space development.	3/29/2016 11:17 AM
16	We should provide more opportunities for environmental education about our open space areas. How can people support this effort if they don't know about the awesome open spaces we have throughout the city?	3/28/2016 8:46 PM
17	City should not chargesomuch in commercial taxes	3/28/2016 8:09 PM
18	The kind of land and home I own is over 110 years old in an established neighborhood. It's only a 1/4 acre and is not placed where it would do the city any good for adding to greenspace. I could see donating money, and helping with fund raising.	3/28/2016 6:35 PM
19	I believe all open space areas should have hiking/biking trails so people can enjoy and yet preserve the woods	3/28/2016 4:48 PM
20	I don't currently own land.	3/28/2016 2:06 PM
21	I own none	3/28/2016 1:48 PM
22	The taxes in our city are way too low to accomplish our goals.	3/28/2016 12:39 PM
23	currently not an owner but would likely say yes to all but rewrite deed if owner/sufficient income, etc	3/28/2016 10:44 AM
24	I have not land but I will vote for getting it and collect signatures	3/28/2016 10:30 AM
25	All of the items checked "no" are not possible for me.	3/28/2016 9:05 AM
26	I think this question is barking up the wrong tree.... We have plenty of existing recreation space. We just do not take care of it. Those are 2 different distinct problems.	3/28/2016 8:18 AM
27	I have no land to sell/donate	3/28/2016 7:46 AM
28	We don't have land to offer, but would do the above if we did.	3/28/2016 7:37 AM
29	Not sure what this means. Does this refer to large acres of property?	3/28/2016 6:56 AM
30	These are hypothetical since I own no land.	3/28/2016 12:04 AM
31	my high tyaxes cover my use	3/27/2016 10:01 PM
32	I do not have land to see or donate, however, I feel I would do so if I was in a position to do so.	3/27/2016 1:53 PM
33	I live in a home in a residential area with a small yard. I do not own any additional land.	3/27/2016 1:10 PM
34	Too much city land already. No current guarantees that city land can be adequately maintained.	3/27/2016 10:28 AM
35	I don't have land to sell, but if I did, I would do all of these things.	3/27/2016 9:53 AM
36	Would need to set use limits on any land the city bought for public approval	3/26/2016 4:22 PM
37	If I had land, would certainly donate it. However, will be happy to donate money to buy land.	3/26/2016 2:05 PM
38	FORGET ABOUT THE ADULT RECREATIONAL PARK! That is definitely a waste of money, but Council members don't seem to be able to "give it up." The idea always goes underground, only to resurface once a year or so. What does "Vote for a City-Supported land acquisition program" mean????? What does a "Donate land to a land trust" mean???? Depends on what you mean by that as to whether or not I agree with this statement.	3/26/2016 11:15 AM
39	A voluntary fund to preserve open space would be favorable	3/26/2016 10:27 AM
40	Most of these questions do not apply to us.	3/26/2016 10:27 AM
41	I do not own land that can be developed	3/26/2016 9:44 AM
42	we have no land	3/26/2016 8:32 AM
43	I don't have but 1/4 acre	3/26/2016 5:13 AM
44	all of these are good ideas but the devil is in the details. I would need to see specifics before a yes/no could be determined	3/25/2016 9:25 PM
45	People need to stop smoking around kids and throwing there cigarettes butts on the ground.	3/25/2016 1:55 PM
46	none.	3/25/2016 1:26 PM
47	Many do not apply; don't have land available for those uses described above.	3/25/2016 12:02 PM
48	I dont have that much land	3/25/2016 11:16 AM

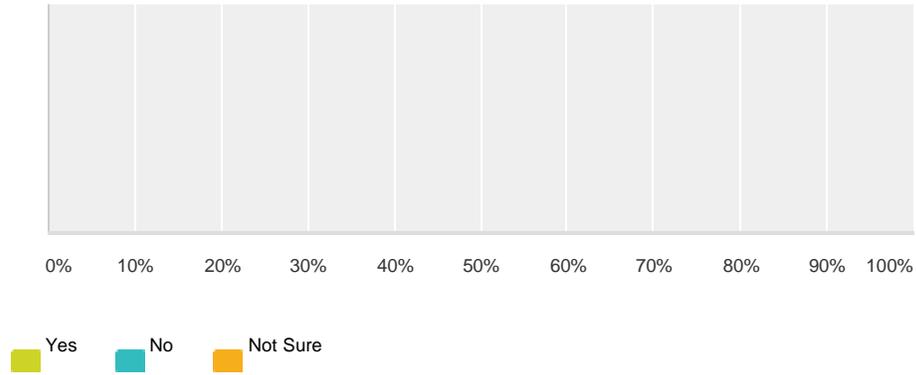
49	Sorry, my land is barely a quarter acre, that has a house on it...so I can't really donate my land.	3/25/2016 11:10 AM
50	I don't personally own land to sell	3/25/2016 10:42 AM
51	This section does not really apply to my family since we own a home on a very small lot in a residential neighborhood.	3/25/2016 10:42 AM
52	i dont understand land aquisition	3/24/2016 10:04 PM
53	I do not own any land	3/24/2016 6:09 PM
54	"No" reply is only because I do not trust city to use money only for such purposes. Expect they would find a way to use it for projects other than open space if short in some other area.	3/23/2016 2:16 PM
55	This is hypothetical for me; these don't really apply to our property.	3/23/2016 11:59 AM
56	If I had land to give I would	3/23/2016 11:55 AM
57	Live in a city neighborhood.	3/23/2016 9:07 AM
58	I do not own any land currently	3/22/2016 1:12 PM
59	My answers are based on what I have in my possession. If I had more I would absolutely be willing to contribute more.	3/22/2016 9:05 AM
60	I have no land and very little money	3/22/2016 8:35 AM
61	we should explore grants for buying development rights to open space	3/22/2016 6:42 AM
62	single family home owner	3/22/2016 12:01 AM
63	Would need much more information on these options	3/21/2016 8:06 PM
64	We do not have enough land to answer the above questions.	3/18/2016 8:58 PM
65	I'm a renter but pay taxes and vote	3/18/2016 5:04 PM
66	I can't answer these questions because I don't have land to preserve, but if I did the answer would be "yes" to above.	3/17/2016 9:11 PM
67	Let's focus on protecting what their already	3/17/2016 6:49 PM
68	We have no land to donate.	3/17/2016 12:39 PM
69	the City should pass the CPA	3/17/2016 12:22 PM
70	I don't own land.	3/17/2016 12:15 PM
71	I don't actually have any land, but if I did I would!	3/16/2016 9:50 AM
72	there was NO support in our neighborhood for preserving or restricting development, the city lies in order to better itself at the cost of our community.	3/16/2016 7:06 AM
73	Don't own	3/15/2016 9:52 PM
74	I do not own land.	3/15/2016 8:31 PM
75	I don't believe in eminent domain	3/15/2016 6:42 PM
76	I rent and don't own land.	3/15/2016 1:30 PM
77	I don't own land so most of these questions cannot be applied to my case.	3/15/2016 12:11 PM
78	Also support enherent domain	3/15/2016 11:39 AM
79	I only have 1/4 acre, not sure it would be very helpful but I appreciate that we all have to do our part.	3/15/2016 11:22 AM
80	I'm against selling or donating due to the city doing what they please with it and then not maintaining it	3/15/2016 10:42 AM
81	I have no money or land to donate.	3/15/2016 10:07 AM
82	Only voted no to most of those because I don't own land at this time.	3/15/2016 10:03 AM
83	Would need to understand the 5/10 year plans before I could answer this. I am not a land owner.	3/15/2016 9:54 AM
84	I live in a cndo so most of these don't apply - I don't own the land	3/15/2016 9:07 AM
85	Monitor commercial business in residential neighborhoods.	3/14/2016 5:58 PM

# Q8 Do you favor the following City actions to preserve open space?

Answered: 536 Skipped: 16



Other/Comments:



	Yes	No	Not Sure	Total
Combination of public & private action	76.98% 408	3.77% 20	19.25% 102	530
Receipt of Conservation Restrictions	59.81% 317	5.09% 27	35.09% 186	530
City purchases of land	72.56% 386	6.02% 32	21.43% 114	532
Zoning for open space conservation	81.80% 436	3.56% 19	14.63% 78	533
Mandatory dedication of open space by developers	71.62% 381	7.33% 39	21.05% 112	532
Purchase of development rights	48.49% 257	9.25% 49	42.26% 224	530
Property tax reduction programs for farm, forest, and recreation land	72.56% 386	9.40% 50	18.05% 96	532
Other/Comments:	0.00% 0	0.00% 0	0.00% 0	0

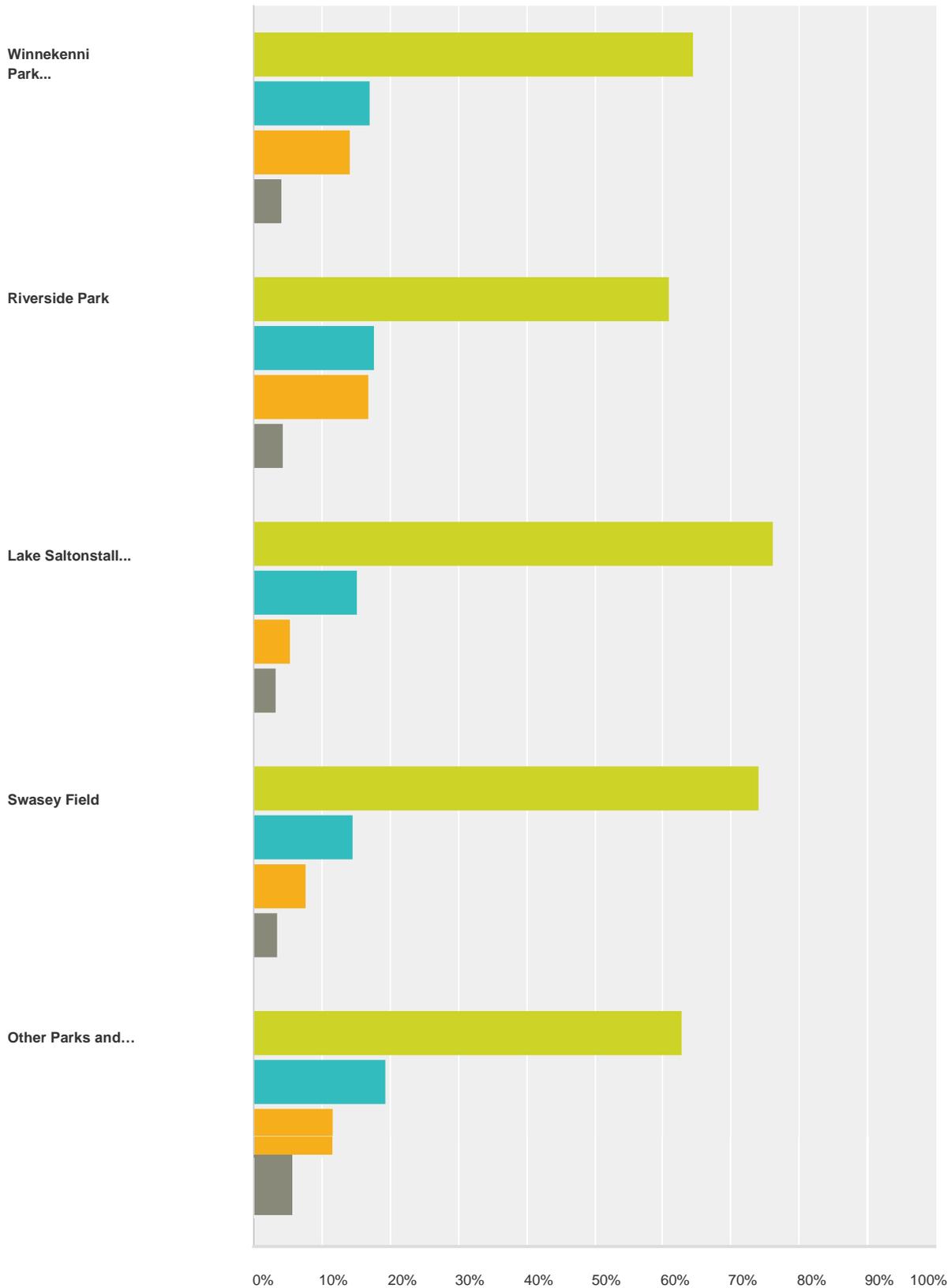
#	Other/Comments:	Date
1	so city actions should be for economic and development growth, they should have to work with (not be beholden too) conservation efforts. For ex. if a developer wants to build a building on a empty lot, it should have a vote as to whether or not its in the best interest for the residents, and what other ways are there to generate income. It's building a smarter community, not just more buildings...	4/13/2016 3:41 PM
2	The choices for responding to #9 are lacking "never" or "fewer than 1 visit per month". The City has done a great job opening river views along the Buttonwoods section, but similar effort is needed from Jaffarians to Methuen. The poisen ivy is horrible, and the City should enlist goats & sheep every Spring to chew it down.	4/13/2016 8:08 AM
3	I would like to see development in Haverhill restricted. We do not need more cul de sacs populated by McMansions	4/12/2016 5:22 PM
4	Questions are too broad in this section and decision would be based on the specific facts and plan for the land	4/12/2016 9:42 AM
5	Open land initiatives need to be marketed to the residents who own land or have money to assist with the purchase of land and recreational facilities.	4/6/2016 6:45 PM
6	The above list sounds like "hand shake deals". Bargains made between "connected" people..'you give me this, I'll give you a deal on that'. That is NOT Constitutional or Biblical.	3/30/2016 8:59 AM
7	Farms should get tax reduction of they follow appropriate guidelines. Kimball farm has an awful odor that needs to be addressed. Tyler Kimball should be fined for the smell it's created in such a gorgeous area.	3/29/2016 7:59 PM
8	Haverhill has been known to allow developers to get out of contract stipulations, i.e., highrise downtown that was supposed to front evenly with other buildings, and have first floor access. It violated the terms, and i don't think there were any repercussions.. Control that!	3/29/2016 2:21 PM

9	Having contiguous parcels of land, especially around/near bodies of water protect wildlife and their habitats.	3/28/2016 8:46 PM
10	I would like to see a study done by several sources, one being Essex Agricultural college, to help to decide what needs doing, what could be done, the general costs of such programs as listed above. I do feel Farm protections should be at the top of any list. Perhaps also the city council would find itself open to raising money by 'renting' farm land to those who would like to grow gardens for their families while educating them about safe farming practices. That could go a long way to making everyone part of the process. Each of the above decisions would have to be made on full information of pros and cons of each effort.	3/28/2016 6:35 PM
11	figure out downtown development = communal space balance before city if rebuilt and no place for pedestrians, dogs, traffic	3/28/2016 10:44 AM
12	If the farms are going to be open to the public and install playgrounds and other activities for the city residents I will vote to low the taxes for them, if the other property taxes won't be increase.	3/28/2016 10:30 AM
13	Not sure what this entails,	3/28/2016 6:56 AM
14	Last question is already provided by Ch.60A of MGL	3/27/2016 10:28 AM
15	It's one thing to preserve these open spaces but they also need to be protected from people dumping trash, recreational vehicles destroying the land, I don't feel there's enough effort in that respect.	3/26/2016 3:17 PM
16	Please do all of the above. I don't want Haverhill, or the North Shore to look like New Jersey.	3/26/2016 2:05 PM
17	City cannot afford to purchase land for conservation purposes; where will the money come from? What does "Zoning for Open Space conservation mean to you???????" Depends on what you are planning as to whether it is important or not.	3/26/2016 11:15 AM
18	if a farm gets a property discount, I would not want the rest of the city residents to have to make up the difference.	3/26/2016 9:21 AM
19	People need to stop smoking around kids and throwing there cigarettes butts on the ground.	3/25/2016 1:55 PM
20	None.	3/25/2016 1:26 PM
21	I am not knowledgable in the areas noted in this section	3/25/2016 10:42 AM
22	"Not sure" reply is because there needs to be meaningful outside oversight to prevent city from making sweetheart deals and changing terms so open space is lost at a later date.	3/23/2016 2:16 PM
23	You need to educate the public about what each of these choice means if you want to get accurate feedback.	3/23/2016 10:21 AM
24	Not sure what some of those questions men well enough to answer	3/23/2016 9:07 AM
25	I watched Newburyport develop almost all of their open space while living there in the 80's. Amesbury bravely purchased farms in order to preserve open space. Haverhill is faced with that decision at this juncture. We have the opportunity to protect our lands for future generations. We've been doing this quite well, I believe but hope to continue on that path.	3/22/2016 9:47 AM
26	We don't need to buy new land. There needs to be improvement to what already exists.	3/22/2016 6:48 AM
27	I oppose "mandatory anything" and cannot support the city buying land when they have been selling tons of it for profit in the last several years. Why didn't they just keep it ? Then they would already have a lot of it !	3/21/2016 7:22 PM
28	It would be good to implement quality programs for open space such as removing invasive plants. Especially for the new bare area at Winnekenni.	3/20/2016 11:51 AM
29	As long as people are legit owning and keeping their land for farming/forest or recreational	3/18/2016 8:58 PM
30	Dedication of open space by developers: it is not enough to develop an area and embed a small island of open space within. No one knows it is public or that it even exists. Instead the requirement should be either additional space adjacent to existing space, or the development and maintenance of existing space, like the area around the Carleton Fountain at Kenoza, or cutting trails or rebuilding foot bridges in trails etc	3/17/2016 4:49 PM
31	I want the city to preserve and maintain what they currently have before moving on to more taxes.	3/16/2016 7:06 AM
32	I agree with all actions to preserve space including increasing tax rates	3/15/2016 4:17 PM
33	Mixing private interests with public must be handled carefully. I wouldn't want out land to be at the mercy of companies and corporations with their own interests.	3/15/2016 12:11 PM
34	Hard to answer these because financially I am not in the position to donate nor do I have enough land to donate	3/15/2016 9:19 AM
35	i think development should be limited. Focus on cleaning up the slum areas like washing on street and the aves before you develop the forest and farm spaces	3/15/2016 9:10 AM

36	Many of these questions are too vague for serious answers	3/15/2016 9:07 AM
37	Education for people who live near farms, stop housing development near farms because ultimately the homeowners do nothing but complain about the farms!	3/14/2016 5:58 PM

### Q9 On average, how often do you visit the City's recreational areas:

Answered: 514 Skipped: 38

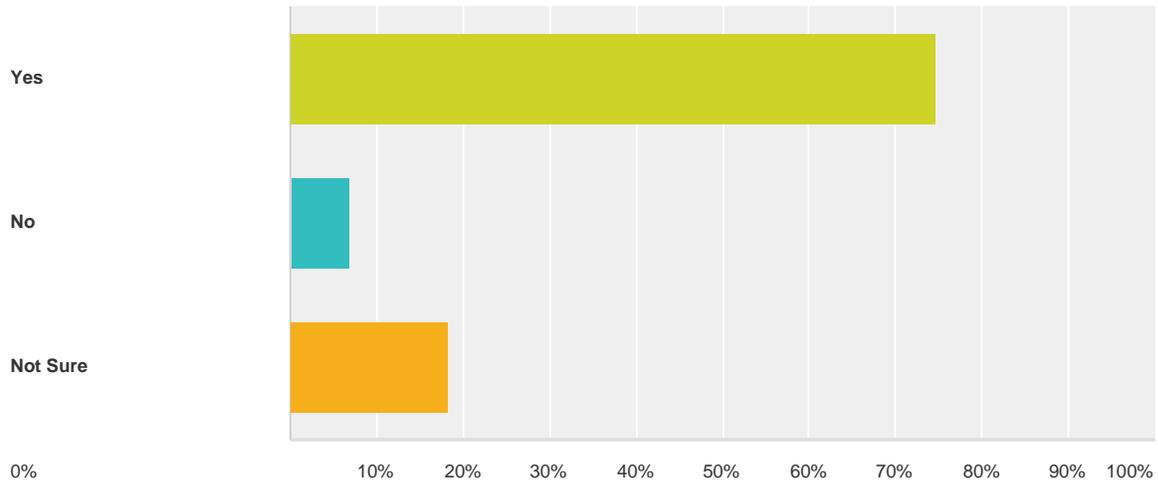


1-2 visits per month
  1 visit per week
  2-4 visits per week
  5+ visits per week

	1-2 visits per month	1 visit per week	2-4 visits per week	5+ visits per week	Total
Winnekenni Park Conservation Area	<b>64.52%</b> 311	<b>17.22%</b> 83	<b>14.11%</b> 68	<b>4.15%</b> 20	482
Riverside Park	<b>60.89%</b> 260	<b>17.80%</b> 76	<b>16.86%</b> 72	<b>4.45%</b> 19	427
Lake Saltonstall (Plug Pond)	<b>76.19%</b> 256	<b>15.18%</b> 51	<b>5.36%</b> 18	<b>3.27%</b> 11	336
Swasey Field	<b>74.11%</b> 209	<b>14.54%</b> 41	<b>7.80%</b> 22	<b>3.55%</b> 10	282
Other Parks and Conservation Areas	<b>62.92%</b> 246	<b>19.44%</b> 76	<b>11.76%</b> 46	<b>5.88%</b> 23	391

## Q10 Do you like the park improvements implemented by the City in recent years?

Answered: 542 Skipped: 10



Answer Choices	Responses
Yes	74.72%
No	6.83%
Not Sure	18.45%
<b>Total</b>	<b>542</b>

## Q11 Please offer your comments or suggestions regarding open space and recreational goals for the City of Haverhill:

Answered: 231 Skipped: 321

#	Responses	Date
1	I have expressed opinions in each sections, but I am an avid biker, and runner. These initiatives need continued attention. for ex. I am proud that the bike path was taken on, but disappointed in execution and city commitment. I would love to help. The fact that you did this survey shows you are on a path to improving our city... so thank you! here is a link to ULI 2015 ULI open space winners (the ideas are just great inspiration, obviously much larger budgets, but the core ideas are there) <a href="https://www.youtube.com/watch?v=lqCQtebtBg">https://www.youtube.com/watch?v=lqCQtebtBg</a>	4/13/2016 3:41 PM
2	I know last year's winter was terrible but the dog poop in the parks once the snow melted was disgusting. I was embarrassed! And it would be great to have a sports program for older kids especially the ones that attend the alternative school. A soccer field would be great or a water park for kids!	4/13/2016 10:31 AM
3	I think that the City should move forward with removing the remaining hemlocks on the east and southeast end of Winnekenni Lake.	4/13/2016 9:32 AM
4	We need to protect our open spaces but we also need to look at the businesses we attract to the city and stop coffee, fast food and drug store take over. We are quickly becoming an anywhere USA city, with no unique qualities to our landscape. We made big mistakes during urban renewal that we can not afford to make ever again.	4/13/2016 9:22 AM
5	#10: Kudos to the reopening of the 110 park near the Methuen line! #11: PLEASE Build safe sidewalks along major thoroughfares first. One cannot walk safely between downtown, and the Westgate plaza, without walking in mud, high grass, or filth. Traffic on River Street is generally much too fast, and too many drivers are distracted on their cell phones. PLEASE Make a bike lane along River Street. Do these things first to allow more people to enjoy the outdoors just by safely doing their regular errands on foot or on bike, rather than making open space enjoyment a "special event".	4/13/2016 8:08 AM
6	Help improve the American Legion fields	4/12/2016 7:34 PM
7	I would love to see more dedicated bike lanes as well as more playground equipment and recreation areas which are accessible for children and adults with disabilities.	4/12/2016 5:22 PM
8	A number of the city's inner city parks don't feel safe and are full of trash. It's hard to find a good place to bring a baby or toddler. On the other hand, places farther out from the city center, like Tattersall Farm, are amazing and probably under-promoted and under-utilized. Better access to a walk along the River would transform the character of the city. Much work needs to be done on the Bradford Rail Trail - compared to the Newburyport, Amesbury and Methuen rail trails it feels very sketchy, parking is poor and the trail is not very scenic. The city has amazing farm and rural resources that should be better promoted.	4/12/2016 9:36 AM
9	The care and maintenance of the baseball fields needs improvement	4/11/2016 8:37 PM
10	The field space for youth programs such as soccer and lacrosse is not adequate. Fields do not have proper drainage and they are not maintained in good condition.	4/11/2016 7:51 PM
11	You really need to put some time and energy into the girls softball fields. (legion fields). They are unbelievable.	4/11/2016 3:05 PM
12	I love the conservation areas, but can't believe the city hasn't capitalized on the wonderful Little River that is such an underutilized asset.	4/11/2016 2:03 PM
13	I believe the city should put some money into the athletic fields it should be maintaining. The softball fields are neglected and could use improvements. The high school has a quality softball team that is playing on sub-par city owned facilities.	4/11/2016 9:09 AM
14	Recycling trash disposal. A REAL dog park. Not the tiny gated fence by the stadium. 12th Ave Park overhaul. New fencing, landscaping and mulching.	4/11/2016 7:46 AM
15	The American Legion field gets cleaned by the girls softball league every year and they do a great job keeping it clean.	4/10/2016 9:52 PM
16	Make the city zoning more like Methuen.	4/8/2016 10:59 PM
17	We have enough upgrades now, as the city departments that maintain all the areas are overtaxed now. They are doing a wonderful job with what they have and the city already has so many great recreation and beauty spots already.	4/7/2016 1:28 PM

18	The Tattersall farm property is an important addition to the city. This property should be historically enhanced to attract more people. The replacement of the former barn that could serve as an agricultural educational center would be a great addition to the Merrimack Valley. If allowed in the charter, a historically restored site could be rented from the city for company retreats or weddings.	4/6/2016 6:45 PM
19	please please stop the low income housing in Haverhill! so we tax payers can pay for this instead of making the landlords richer. we also must educate all of the low income which already brings the tax rate up	4/6/2016 8:08 AM
20	Wish there was a better effort enforcing "carry-in / carry-out" - trash regulations - public drinking. Plugs - Millvale - Chadwick Ponds etc.. are heavily polluted along the shore edges / water w/ trash and beer cans.	4/3/2016 7:25 PM
21	I would like to see a fenced in Dog Park	4/1/2016 10:26 AM
22	Leave winnikinni park alone, stop cutting trees and developing it, it's fine as it is.	3/31/2016 8:04 PM
23	keep tennis courts in good shape, restrooms at Winnikinee, rock climbing wall somewhere	3/31/2016 12:37 PM
24	Better Tennis Courts at the Stadium, Fix Tennis Courts at Winnekenni and do it right	3/30/2016 6:34 PM
25	See my comment above in Question 5.	3/30/2016 6:03 PM
26	Re- visit zoning laws concerning open space, commercial use	3/30/2016 12:56 PM
27	I think we have a decent amount of parks and areas for my children to play in, but we lack organization (or maybe just marketing?) for recreational programs and opportunities to participate in physical activities together. I'd like to see more youth sports programs and some adult recreation leagues.	3/30/2016 12:11 PM
28	more educational and recreation offerings, better and more bathrooms, more public events - this will bring visitors to our cities. would love to see the city implement city wide parking passes for residents both downtown and at parks, and pay for parking at some locations for out of towners	3/30/2016 9:56 AM
29	Stop cutting so many trees in Win.-Kin.Park. Stop letting the track team run all over Win.-Kin park--have the H.S. build their own track or let them run over Riverside where there is ACTUALLY a parking lot. Leave the green hills and water alone. Let Nature be Nature. No Restrooms, no snack bar, no stage, no lights...it's not a \$\$\$\$\$-venue. It's God's created land--leave it as such. It's not meant for people to be there all day...it's meant to come, be there for a time-- then go home. Not to leave trash or human waste. Just set up patrols to keep homeless from camping and those 'hookups' that are going on in the woods. During Tennis lessons, we saw men meet up in the woods, then after awhile, leave and drive off...that has GOT to stop. Too many kids play around there.	3/30/2016 8:59 AM
30	See above	3/30/2016 6:31 AM
31	Hard for new residents to know where to go and what is available. Parks around here are in terrible condition. Don't upgrade just inner city....	3/29/2016 7:52 PM
32	We frequent Winnikenni and Riverside Park mostly in the Spring, Summer and Fall.	3/29/2016 2:48 PM
33	Question 9 is very misleading. It doesn't allow an answer for people who visit viewer than 1 time per month.	3/29/2016 2:21 PM
34	Great job at Tattersal Farm! Keep it open space!	3/29/2016 1:33 PM
35	The wooded area behind Pentucket Lake School along Pentucket Lake should have observation cameras to catch vandals who are setting fire and/or destroying public property (like the small bridge over a stream).	3/29/2016 12:49 PM
36	Excellent progress made over the years and hope that there is more to come.	3/29/2016 12:16 PM
37	More play grounds for the kids should be developed	3/29/2016 12:06 PM
38	I don't have a lot of time for outdoor recreation but I do value it for others and for the occasional times I am able to enjoy it.	3/29/2016 11:17 AM
39	Would be same concern as expressed in #5 comment	3/29/2016 8:24 AM
40	Expand playground at Winnekenni. Spray park at Riverside. Have nature walks scheduled for families to get out together.	3/29/2016 7:20 AM
41	More spray parks and playground updates please!	3/28/2016 9:50 PM
42	allow landscaping companies to care for athletic fields in exchange for signage on backstops. They would compete and the fields would be taken care and kids would benefit!	3/28/2016 9:46 PM
43	I like how you are advertising this survey to the public. More people should be involved in this plan.	3/28/2016 8:46 PM
44	Swaysey is a lot nicer but every baseball field should be at the same level.	3/28/2016 8:18 PM

45	Disc golf course would be great.. Inspire city off shoot clubs to adopt areas for improvement and help raise money and awareness	3/28/2016 8:09 PM
46	complete the rail trail through bradford into groveland	3/28/2016 8:08 PM
47	There have already been some very good uses of land, both city owned as well as privately owned. I would like to see continued family use of Winnekenni Park. There were several tennis courts around the city that are devoid of nets, we have replaced a couple ourselves. Park Leaders for the benefit of organizing use of the parks and a security presence to keep the kids safe. Making sure we don't lose any more of the child or adult recreation areas. Bored people, young and old, can get into trouble easily. Encourage children to participate in sports, smaller games and perhaps even getting some older people involved in teaching the kids card games or chess, or even play other table games. We love Haverhill and have lived here 30 years. We have shed tears when things went awry and cheered when things were looking up. We often held 'snow building contests' for kids and parents with hot cocoa and cookies for all. Small things like that make childhood so enjoyable, and those kids grow up to be adults with values and character who also invest in their communities. We always celebrate the holidays for the kids, with decorating for Halloween a priority, not doing the same thing twice in a decade. One Halloween I overheard a young man telling his wife that he'd been coming to our house since he was a teen and it's always been great. She turned to him and asked if they could do something like this, too. That was a real feel good moment. I have to say I didn't recognize him due to being in costume. Perhaps photos of decorated houses for Halloween or Christmas or 4th of July could be posted in the paper, or displayed somewhere that people could view them. Perhaps a decorating contest for secular holidays, (only one holiday and a different one per year so no one gets bored.) in which families could sign up for a modest fee (to go to the Open Spaces Programs that need help) and one of those homes voted 'best' or what ever designation you would decide. The family could win a 'donated' gift from someone else who was supporting the effort to better the city. Keeping it fun and the involvement in a larger sense even when families can't afford to donate large sums will make it still about the community. Keeping all the people who live here in the loop would be key in making them feel that they too belong and these ideas aren't just for the well off. Hope I didn't bore the person who'll be going through all of these. Hoping to keep Haverhill green.	3/28/2016 6:35 PM
48	see above comments	3/28/2016 4:48 PM
49	FYI, We're new to Haverhill, so I don't know much of the recent history regarding open space and recreation. Having young kids, though, we've used many of the resources since being here. 1. I appreciate the skating rink effort this past winter next to the Citizens Center. However, realistically, given the type of crowd that congregates in that area, you're not going to get many families going there to skate. I bet if you expanded the rink at Riverside Park and asked the Haverhill Pentucket Youth Hockey Association to assemble a volunteer group for ideas and help maintaining the rink, it would be used a lot during the winter. 2. The street hockey area next to the basketball courts at Riverside Park is a nice idea, but is in really bad shape. It's bumpy and has a lot of vegetation growing up through it. If you re-paved it and put up some small boards along the perimeter to contain a ball or puck, I bet you'd get a lot of kids (and even adults) using it. A lot of the hockey players in town like street hockey, too. Also, there are a lot of kids at the Y that play in the floor hockey league. You could possibly even organize a youth street hockey league. I think a lot of people would participate. 3. Coming and going from / to the football stadium on Friday nights can be treacherous. We moved here from Framingham where the stadium is of a similar size, but is much better lit and has multiple police officers directing traffic. Even just some signs would be helpful. That unmarked dirt lot next to the stadium is confusing and dangerous. I think things would be much safer and more orderly if the people were directed to the big parking lot by the ball fields and directed to an entrance from there.	3/28/2016 3:52 PM
50	Please don't let this project fall by the wayside. Publishing a report is great, but putting it into action takes is what matters. The Open Space and Recreation Plan published in 2008 was very comprehensive, but sometimes I feel that it has been ignored by some members of the Economic Development and Planning Board.	3/28/2016 3:09 PM
51	I'd like to see a trails that connected the Stadium to Downtown. There are some trails and board walks now, but its too choppy. None of them go for any sizable length.	3/28/2016 2:06 PM
52	Keep kids busy	3/28/2016 1:48 PM
53	Lots of great improvements have been made over the last 10 years! Keep them coming! More needs to be made in care of trails, forest management and upkeep. Volunteers can only do so much. Investment needed! Signage continues to be an issue throughout all parks. There is no consistent branding of Haverhill Parks. There aren't any two signs looking the same. It's the same issue with street signs- speed limit signs, roadway signs. Need to work on a cohesive visibility campaign. City looks like the 'house that Jack built'. Haverhill can do better! Please make it happen.	3/28/2016 12:36 PM
54	I would like to see the city preserve more land for wildlife conservation and agricultural preservation.	3/28/2016 12:34 PM
55	We need just one quiet, safe 3 mile walking trail in this city that takes advantage of the open space we have but do not utilize.	3/28/2016 12:24 PM

56	Because there is no public transportation to those outdoor recreational sites, I do not visit them. This restricts access for those who do not drive, including some seniors and some lower income individuals.	3/28/2016 11:47 AM
57	Press for removal of telephone and electric utility poles in rural area and installation of underground utilities	3/28/2016 11:18 AM
58	If we are to have these rec goals in place -then we need to have the follow-on services to keep them pristine. Take for instance the rail trail -- it is littered with trash, overgrown to the point that in some spots you can't even see the river. The bitterroot, kudzu, poison ivy, bamboo needs to be removed -- it is strangling the vegetation / trees. It does not make for a pleasant walk. If the city is not going to care for this then why spend the money?	3/28/2016 10:51 AM
59	Things like the GAR playground seem insensitive to community needs with very limited resources - hardly an effective play structure; plastic ice rinks too small, even if frozen, to do much more than a twirl, poorly maintained and underpublicized in terms of location/availability; need another dog park, larger with area the size of current park just for small dogs (see Derry, NH or even Andover), trails in Clements Farm and other places need better signage and some maintenance. Park at WA Sq, turn the benches around so people can visit with each other instead of facing the street and the Housing Authority; create coimmunity instead of isolation by placing benches at Winnikenni playground within voice of each other so parents can talk. .easy fixes all. Make downtown dog friendly (put up a couple of posts with bags and receptacles???)	3/28/2016 10:44 AM
60	Like I mentioned before 13th ave. Tennis Cort needs to be cleaned up and if is possible make a volleyball court and tennis court there	3/28/2016 10:30 AM
61	Better services at parks such as concessions (other than hotdog carts) and improved restrooms	3/28/2016 10:27 AM
62	need to find better playing fields for soccer in the town. You go to other towns and they have much better fields for playing	3/28/2016 10:05 AM
63	I moved to Haverhill for the open land and farm land. If I wanted to live in an area with more concrete than trees I would move to Boston. I do not support any un sustainable development no matter what the justified tax benefits are. People will pay more to live in a place that has passive open space and I 100% support the increased protection of Passive lands. Thank you:)	3/28/2016 9:48 AM
64	Tend to prefer open space be kept natural without man-made objects placed there (play equipment, skating rinks, etc.).	3/28/2016 9:27 AM
65	We'd like to emphasize that the cost of maintenance should be built into any development.	3/28/2016 9:05 AM
66	Nort Broadway has a dangerous curve near Rocheambeau St that has had many accidents and is very hard to negotiate on foot or bicycle. It needs a safe path around it and some large signs telling cars and trucks to slow down/dangerous curve.	3/28/2016 8:57 AM
67	Open space is vitally important especially with all of the continued development on the outskirts of the city. We need to preserve open space in order for our wildlife to survive and thrive. Open space, woods and forests also preserve natural beauty in the city's rural areas. Haverhill offers a great combination of vibrant city life along with a country setting on the outskirts which is desirable for many families. Future building must be controlled in order to preserve our wildlife and open space.	3/28/2016 8:42 AM
68	Littering is a major issue, especially water/sports bottles and cigarettes. Suggest recycling bins and filtered water drinking stations as well as more monitoring and enforcement of littering/dumping laws.	3/28/2016 8:32 AM
69	Please examine and inventory what we currently have. Assess its condition, upkeep and potential use. I think you will find we already have a plethora of recreational facilities, we just do not care for them. Take a ride and walk through Riverside park and the Haverhill Stadium and you will get a clear picture. Look at the Mayor's dog park and notice that the waste bag dispenser that is there has been empty for 2 years. We do not need new areas, we need to take care of what we have first. I realize that does not make a headline in the Eagle Tribune, but it is the right thing to do.	3/28/2016 8:18 AM
70	rid winnekenni of the sexual deviates who frequent the park daily. Send them back to New Hampshire and the rest areas that they came from. Monitor the out of state plates that frequent the parking area on Castle road and maybe confront All the single gentlemen in the parking area as to why they are there.	3/28/2016 7:46 AM
71	We need more open space and stop building so many homes	3/28/2016 7:36 AM
72	Although there are good efforts to improve parks and recreational areas, there are not enough resources applied to maintain these areas.	3/28/2016 7:05 AM
73	Protect open spaces and wetland or conservation areas.	3/28/2016 6:56 AM
74	revive the kenoza fountain	3/27/2016 10:01 PM
75	I havnt noticed any improvements other than new playgrounds and a new dog park, but at the cost of the park restrooms.	3/27/2016 8:05 PM

76	I see through park improvement programs Haverhill becoming a hub for worldwide conservation and a frontrunner in entering a modern, forward thinking, society. A society that stimulates growth and well being in its citizens as well as a feeling of community and pride in their home city.	3/27/2016 7:41 PM
77	I've always thought the basin pond at winnekenni would make a great swimming hole in the summer months. The whole pond. Not just a small crowded area like plugs pond. It's always been a great place to ice skate but the surrounding area needs some TLC. Maybe a boy scout troop could take that on as a Eagle project?	3/27/2016 7:30 PM
78	I think the city is on the right direction so far- I am thrilled with the coming of the new boardwalk- I do wish Haverhill would consider adding more stores- we have enough dollar stores and banks. I have a positive feeling now that this city will be better. I know it takes time.	3/27/2016 1:39 PM
79	The felling of the trees in Winnekenni Park was too extreme, and it is known that there are scientific studies to show alternative ways to control infestation of insects. That beautiful area was forever ruined and the public was not given enough input into this process. Now the additional felling of trees on the Merrill Trail will involve our losing some of the most beautiful and magnificent trees on this trail with further destruction. Please leave our public lands alone!!! Where is the timber that is being cut going? Please stop the destruction and leave open this up to public discussion about our land.	3/27/2016 1:10 PM
80	1. >Expand River Bend Park and trails so that citizens can view Kimball Island near Methuen beyond Covanta and enjoy the bald eagles, wild swans and other wildlife in the area. Also provide access to the river at River Bend for kayaks and canoes, fishing, etc. 2. > Create a non-invasive Meadow View Walking Loop around the West Meadow inland wetland meadow near Target and back out to Rt.97 near Dunkin Donuts. Many healthy seniors and artists try to utilize the area, but the road is badly deteriorated, littered with junk dumped by scoffers and truckers rumbling through the area too often. Check out the very diverse aviary, the broad open views and the natural habitat to appreciate what some citizens are trying to enjoy more. Benches to rest? Walk, jog or bicycle around a path? An artist overlook to stop and paint a scene of the varied birds and migrations, meadow plants, turtles, etc.? Just relax and let the stress out for a bit? Much more can be done with such an open sunny area to enhance the neighborhood and respect the West Meadow. Did you see the deer, fox, egrets and heron?	3/27/2016 10:28 AM
81	a couple of benches could be installed on the lot at the end of how st and welcome st. and the old hot top could be removed and plant grass. I think there are a lot of people in the area like at Judson house that could enjoy it and are elderly and can't make anything further away as easy.	3/26/2016 11:24 PM
82	I appreciate open space in the city and I believe recreational areas are needed to keep our youth busy and to provide locations for the families of the city to walk, picnic etc	3/26/2016 9:42 PM
83	More kid friendly parks in Bradford	3/26/2016 8:46 PM
84	Stop putting parks or upgrading the parks where the neighbors don't appreciate it! Swasey field is constantly vandalized, why not put a water/spray park down by the river in riverside. The city already has the land.	3/26/2016 8:36 PM
85	My concern is that the city has spent millions of dollars in field improvements, but is not investing in properly maintaining the fields. If the city cannot maintain the fields, then they should empower the local youth leagues for their assistance.	3/26/2016 8:26 PM
86	Large open area parks like Riverside are fantastic. There is something for everyone and every age. A park similar to Action Park in West Newbury would be an amazing addition to Haverhill. Restrooms and water fountains should be at all city parks.	3/26/2016 8:24 PM
87	Would love a splash park in Riverside area	3/26/2016 6:58 PM
88	Install directional signage. Offer/sub-contract kayak and/or other rental concessions at river and cit lakes/ponds.	3/26/2016 5:22 PM
89	we need more access to the river for fishing it seems we have more restrictions	3/26/2016 3:34 PM
90	I would like to see a Dog Park at Winnekenni Park	3/26/2016 2:05 PM
91	Round Pond, Plug Pond, Millvale and the basin should be enhanced for fishing access. Crystal needs to be cleared of dead and downed trees and slash.	3/26/2016 1:44 PM
92	I do not favor a lot of playground equipment in our parks - neighborhood playgrounds yes, parks no.	3/26/2016 1:04 PM
93	Complete sledding area at swasey. Complete rail trail	3/26/2016 12:19 PM
94	I PERSONELLY CAN'T GO OUT OF MY HOME TO VISIT ANY PARKS BUT I LIVE NEAR A PLAYGROUND ON PORTLAND STREET THAT 3 GENERATIONS OF MY FAMILY HAVE PLAYED AT THIS PLAYGROUND. IT IS NICE TO SEE IMPROVEMENTS BUT IT NEEDS SHADED AREAS TO SIT AT AND BATHROOM FACILITY WOULD HELP AND MORE POLICE PATROL FOR THE GANGS AND BULLIES ECT.AND GET RID OF ANIMALS IN PARK SO KIDS DON'T GET SICK FROM THE AREAS THEY PLAY AND ANIMALS GO TO BATHROOM TOO.	3/26/2016 12:17 PM

95	Would like to see more city youth rec opportunities in the summer. More spray parks throughout the city or a pool or two. More neighborhood playgrounds.	3/26/2016 11:48 AM
96	I NEVER visit Riverside Park, Lake Saltonstall, Swasey Field. Occasionally visit Conservation Areas. Rail Trails are full of undesirable people and not well maintained. Rail Trail on the Water Street side of the river is a waste of space and money because it is hidden. I don't go there.	3/26/2016 11:15 AM
97	More nicely landscaped park space is needed like the junky overgrown empty lot between bldgs in Bradford Ctr. with a few trees, benches & per goals a fountain, it could be a charming communal spot. A cool dog park would be fun for the community too.	3/26/2016 11:03 AM
98	Unfortunately, I have gotten into the habit of traveling to other towns to use their parks. Haverhill has improved its parks, but they are geared toward very young children, or are in areas that are not very safe. We need play areas geared toward upper elementary age children.	3/26/2016 10:36 AM
99	A viable, safe, well maintained park system will be an asset to the residents of the city. The health and wellness of the citizens of Haverhill will be enhanced by continued improvements and maintenance.	3/26/2016 10:27 AM
100	Existing parks and related areas receive the bare minimum of upkeep. Please maintain and improve what we have before expanding these areas.	3/26/2016 10:27 AM
101	The city has done a great job expanding these areas in recent years. I would like to see this continue and implement some programs to get the community into these areas, especially the city's youth.	3/26/2016 9:56 AM
102	See above comments.	3/26/2016 9:56 AM
103	Appropriate some real money to fix the soccer fields in the city. Stop plugging holes and fix them for the long term.	3/26/2016 9:54 AM
104	Yes the Swasey baseball fields are a big improvement over the riverside fields.	3/26/2016 9:41 AM
105	Winnekenni Park is run down. Also, there should be a specified area for dogs there. I don't go to Winnekenni because there is dog feces all around the grounds.	3/26/2016 9:20 AM
106	I would like to see a recreation park in Bradford	3/26/2016 9:13 AM
107	The work done at Swazey and other parks is awesome. I would like to see 12th Ave addressed. The playground is in rough shape, the field is often overgrown, and the city land next to the tennis court is being used as a dumping ground by an adjacent resident. That lot, and the unused and delapidated tennis court should either be restored or sold for development so it can be maintained.	3/26/2016 9:10 AM
108	Too many baseball fields. One thing Haverhill could thrive on is a beautiful outdoor deck hockey rink, so many ideas for a beautiful and safe rink come to my mind.	3/26/2016 8:31 AM
109	We need more programs for middle and high school kids especially in the winter!	3/26/2016 8:02 AM
110	focus on everyone in the city, not just the inner-city areas. The new playground areas are great, but sadly I would not take my kids to them because of the areas they are in (except riverside)	3/26/2016 7:30 AM
111	Keep it clean and make sure the trails and walkways are maintained on a regular basis. Trim the brush so that the view of the river can be seen and enjoyed by people that sit near the river for R&R.	3/26/2016 7:03 AM
112	Serious enforcement of laws that prohibit motorized vehicles on walking/hiking paths and protected open spaces	3/26/2016 5:54 AM
113	Improved maintenance of structures, and enforcement of leash law/dog excrement cleanup.	3/26/2016 5:13 AM
114	Love what we are doing with the new development downtown but hate losing the historic buildings that were there...wish and hope for Haverhill to save the bridge..restore the historic beauty of it rather than make new cheap one like the Comeu bridge...There is so much beauty in the towers I hope we invest in that	3/25/2016 7:20 PM
115	stop sinking money into parks and fields that nobody uses why not sink money into riverside park that everyone uses and the fields are the worst in the state	3/25/2016 6:16 PM
116	Eliminate the smell from Stewart's and the water treatment facility so that outdoor space can be enjoyed without the smell.	3/25/2016 5:43 PM
117	Please improve baseball fields, especially 12th Ave field	3/25/2016 3:54 PM
118	Baseball fields at Riverside and at the schools need major improvements. And then need to be maintained properly.	3/25/2016 3:05 PM
119	People need to stop smoking around kids and throwing their cigarettes butts on the ground.	3/25/2016 1:55 PM
120	I think overall the city is on the right track with the improvements it has moved forward with. I think there is still a lot of need for improvements with the cities athletic fields and parks. I look forward to seeing what the city does next in these areas to improve life for our children.	3/25/2016 1:26 PM

121	Riverside Park is a great space but could be much better than is compared to neighboring communities.	3/25/2016 1:05 PM
122	Lots of improvement over the years from swasey field to the stadium.	3/25/2016 12:42 PM
123	Baseball fields at Riverside Park and across the city are not well maintained, and could present a safety issue due to uneven walking/running surfaces.	3/25/2016 12:26 PM
124	Please keep the spaces we have cleaner seeing garbage on a nice walk or a water visit makes me not like living in Haverhill. The wooded trail at Riverside is very gross with trash and stuff on the shoreline.	3/25/2016 11:16 AM
125	1. Build a snack shack at Riverside. 2. Improve the ice rink. Roof is needed. Make the appearance better, so people do not perceive the place as a dump.	3/25/2016 11:10 AM
126	Maybe a low cost summer camp at Tattersal to teach children about agriculture and the environment.	3/25/2016 10:58 AM
127	Cooperation between the city and leagues that use the fields i.e. watering grass and mowing grass. One city dept mows the infield, another mows the outfield and never on the same day!	3/25/2016 10:42 AM
128	Open space is like as is. Parks on the other hand need need bathrooms. I am a UNION ironworker and we use out houses and I would not use the bathrooms down the stadium also if you run on the side of the park with you 6 year old playing baseball and he has to use the restroom its 9 football if not more away. The new play area nice swings need improvement. What tennis courts. Dog park sorry that not a dog park there is so much land down there with the is horrible what was that extra fence left over from something. The win castle is getting better. Sorry for so long but I give it a C grade overall. Sorry.	3/25/2016 10:42 AM
129	There needs to be more wooden structure play grounds such as Action Cove in West Newbury, Drummond Park in North Andover or Field of Dreams in Salem. We frequent the surrounding towns' playgrounds as they are so much more inventive and provide for more quality play. The new playground structures at the stadium are a nice improvement but nowhere rival what other towns have. Additionally, it would be nice to have more bike trails that are family friendly and allow beginning riders to ride along with their families.	3/25/2016 10:39 AM
130	The youth need places to play and be safe. They need to be drug free of all of the crap that is running rampant in this city. It is scary taking your kids to a park now because so many needles and other things have been found in the wood chips and around the areas.	3/25/2016 10:37 AM
131	Riverside Park has the opportunity to be a central location for Haverhill. We need to take advantage of that park. Please also do something with the stands at the football stadium. It is a safety issue!!!	3/25/2016 10:32 AM
132	More summer recreation programs for the city middle school and below youth.	3/25/2016 10:31 AM
133	Concession stand needed at Riverside Park	3/25/2016 10:29 AM
134	We need more inner city parks with more playgrounds. Mill St park would benefit from a small playground in the shade.	3/24/2016 10:04 PM
135	I love how the city keeps moving onward and upward! Let's add paddle boarding, row teams, maybe quidditch, let's open more activities for our children!	3/23/2016 9:51 PM
136	I feel it's extremely important to have open areas in the City. Especially along the river where trails for walkers, bikers, joggers can also be developed and enjoyed. We also need to update parks so that they can be used by citizens for various purposes, e.g.. concerts, picnics, etc.	3/23/2016 9:02 PM
137	Walkway along riverbank is a disgrace and dangerous	3/23/2016 2:29 PM
138	Encourage all to stay on this path of looking for and improving on these outdoor areas.	3/23/2016 2:16 PM
139	Winnepesaukee is such a large space/ park it does not fill the potential for recreation at that location. I do not take my child(ren) there for lack of better equipment and for age range equipment as well. Fishing programs, swimming lessons at Lake Saltonstall for residence is a good idea but the lack of family/ children activities there are limited to just the beach in the summer.	3/23/2016 1:34 PM
140	The rail trail has taken far too long to begin real work, not for lack of volunteer energy and support but due to politics, which has been a sad thing to observe. Many opportunities to give input in the past were during a weekday/workday at city hall when most folks are at work. Seems the priority is for more dollar stores and pharmacies rather than making the city a place people want to both stay and move to.	3/23/2016 11:33 AM
141	I think Haverhill is a wonderful city and I am so happy to call it my home and raise my children here. I think Haverhill has many wonderful parks and activities for children, families, adults, etc. I do however think many of these can be improved upon and that the city is headed in the right direction to make it happen.	3/23/2016 10:47 AM

142	Public pools are nonexistent. See Gaithersburg Maryland public pool and summer recreation area for city residents. Plugs pond gives my daughter ear aches. Need a recreational water place that doesn't cost a ton. Also could rent out soccer/lacrosse fields if we had them. Too bad that plan did not happen. See Lexington ma for pool and soccer combined.	3/23/2016 9:07 AM
143	We have enough parks and recreational activities. Instead of trying to spend, how about some tax RELIEF! Enough!	3/23/2016 8:16 AM
144	Please partner with youth sports organizations in the city to improve existing parks with a combination of public and private funds.	3/23/2016 7:38 AM
145	I would like to ask the city to put some type of steps from bottom of swasey park to parking lot at top, so families (kids)using park as a shorcut to and from will be safer.	3/22/2016 7:07 PM
146	We need to do a MUCH better job at maintaining our current parks rather than adding additional ones to the city.	3/22/2016 5:32 PM
147	Need better outdoor skateboard park and an indoor skateboard park.	3/22/2016 4:50 PM
148	creative, innovative urban planning and strategic development to incorporate open space and create recreational space is hugely important to the continued success and renewal of the entire City. The continued improvements here is what brought us to buy a home in Haverhill 5 years ago.	3/22/2016 3:57 PM
149	I continue to support hsverhills efforts to improve neighborhood parks and he bigger parks like riverside. I do think that we are missing a huge opportunity to provide paddling and boating opportunities to the community. If I had money, there are two properties I would personally buy and transform into a canoe/kayak/ small boat rental facility. I would offer classes and fishing opportunities. This type of development is successful in other towns with river access. We're close but could do much more.	3/22/2016 3:55 PM
150	There are no local parks in my neighborhood	3/22/2016 1:12 PM
151	I would like to see a Tanglewood type of venue for performing arts with outdoor areas for walking and relaxing. It would be a signature site for the city. it could be done at Winnikinni or Hales Island or silsby's	3/22/2016 11:58 AM
152	#9 - should have category 0 visits. I don't usually go to parks that's why I left it blank.	3/22/2016 11:58 AM
153	Baseball and football parks need to be addressed to the upkeep of property. Restrooms mowing and etc.	3/22/2016 10:07 AM
154	I would like to see opportunities for children in the inner city to participate in gardening. Schools should be promoting community gardens for food. Our First Lady has done much to encourage growing food for educational purposes, as well as the joy it provides! We need to run with that idea all over the city. Kids need opportunities to get out into the woods and fields and onto the water. We need to expand programs that support children recreating!	3/22/2016 9:47 AM
155	The city needs to restrict the development of multifamily areas. It is completely changing the feel of traditional single family neighborhoods. Additionally it is creating a much more transient feel as these multi family units rarely remain owner occupied for the long term and are too small and crowded to entice families to remain.	3/22/2016 8:38 AM
156	I would like to see less teen destruction of these parks also bathrooms unlocked during off season ie swasey stadium parks	3/22/2016 8:35 AM
157	Your survey needs to be less general and more specific about the areas you are talking about. It's a case of, it made sense to whoever wrote it, but it is too generalized to be able to garner any specific information. YES we need more open spaces, casual boating/kayaking in our area. YES we need jogging, hiking places etc. NO we don't need any more soccer or baseball fields. The walking places we have now are great: Johns Woods and Winnekini, but no dogs allowed at that place on N Broadway is a annoying. Buy a small farm. Let all the kids come and work a few hours with the cows and goats. Enough wooden play structures. Do something functional that will actually teach them something. Start a community garden. Work with the schools so that 5th graders ( or whatever ) must help as part of their schooling. BUILD COMMUNITY!!!!	3/22/2016 7:55 AM
158	Make paths handicap accessible for wheel chairs and scooters	3/22/2016 7:38 AM
159	There should be an open city meeting where youth can share what they would like to do - they are the ones lacking resources and opportunity	3/22/2016 6:48 AM
160	The baseball program is excellent but the fields are a safety concern and should be fixed ASAP	3/21/2016 8:30 PM
161	The maintenance of winnikenni trails and johns woods is wonderful!	3/21/2016 8:06 PM
162	As I said above, if you cannot maintain your buildings and infrastructure, you should not worry about open space just yet. Unless you just care a about looking good in the press releases.	3/21/2016 7:22 PM
163	We have tremendous open spaces waiting for major improvements like the ones we've seen in recent years at Swazey, Portland Street, GAR Park and Riverside Stadium.	3/21/2016 4:22 PM

164	The city could have some active recreation programs such as renting canoes on Plug Pond or on the river. Or offer a boat that charges a fee for taking folks puttering slowly along the river.	3/20/2016 11:51 AM
165	We need more in Bradford!	3/18/2016 11:04 PM
166	Winnekenni is our best park and my favorite. It's small and over crowded. We need a large, family friendly park with open areas for large gatherings. There is a lot of dead space in Haverhill. our city is heading in the right direction and I support our mayor.	3/18/2016 5:04 PM
167	cleaner existing open space additional new open spaces	3/18/2016 2:49 PM
168	I would really like to patronize the cities parks, downtown, festivals more often - however - in a lot of cases, there is excessive litter, people loitering, asking for money, smoking & disposing cigarettes on the ground, loud crude language and behavior, unsupervised children etc. which keeps us away. My children participate in the youth soccer program & the amount of litter in the parking lot/field at Consentino school is appalling.	3/18/2016 11:07 AM
169	I think adding more conservation land is great, but thing that would help would be to make the land we already have a little bit safer. Winnekini castle and the trails around it are great, but I wouldn't want my wife walking there alone as there have been incidents there. The same can be said about the Stadium and the river walk. I realize you can't eliminate all threats, but there's got to be something we can do to make those areas safer. Thanks for what you're doing!	3/18/2016 8:11 AM
170	Work with organizations such as NEMBA to build more mountain bike trails, stop cutting large numbers of trees in areas like Winnekenni park that contribute to trail erosion and other trees to fall due to the effects of clear cutting	3/18/2016 7:07 AM
171	Bradford needs a playground. The one by the yacht club is ok but on the other side of Bradford and it is small. Wood school would be perfect. The children watching the baseball games would love it, there are a lot of kids in the neighborhood, and the kids who use wood school as an after school daycare would love it. There is a very large pavement area that has no purpose and one bench that you can't sit on. It would be a great asset to the community if a playground was added.	3/18/2016 6:07 AM
172	Drone speederbike races through the woods & RC boats on the river . Keep bored techy kids out of trouble	3/17/2016 10:10 PM
173	The addition of playgrounds is wonderful!	3/17/2016 9:46 PM
174	Open space, parks, recreational and conservation lands are important to Haverhill's history, beauty and appeal. We are a City but with a feeling of a town because of the lands.	3/17/2016 9:35 PM
175	The question about how often I visit the City's recreational areas is difficult to answer given the limited options. I the summer I visit these areas more than the winter which means I can't correctly answer an average of 1-2 times per month. This question should have been phrased differently.	3/17/2016 9:11 PM
176	Publish trail maps and market	3/17/2016 6:49 PM
177	Put use of open space ( specifically hiking) into the school Phys Ed curriculum. 1 to two literal field trips per year, home work assignments to do family hikes on our trails etc. We need to make use of the open space a lifelong routine activity	3/17/2016 4:49 PM
178	trash and dog poop are a big issue	3/17/2016 4:46 PM
179	Wennekinni Park needs more parking. It needs Police or some sort of presence. It needs Parking on the Kenoza street side. Other conservation areas also need more police checks and more frequent trash clean-ups	3/17/2016 4:02 PM
180	Open space for public use and preserving farms is an important tip of the hat to the history of Haverhill. I remember as a youth the woods, farms, and a very active downtown. Our exposure to "urban renewal" was an in mitigated disaster and we need to make sure that it never happens again. We don't need to become Malden North, so enough condos!	3/17/2016 3:08 PM
181	Main roads are often unsafe for running or walking, Winnekenni should have more accessible bathrooms and better hydrating stations.	3/17/2016 2:44 PM
182	The bathroom situation at Riverside needs help. Just walking by the portapotty that was out last week made me gag, nevermind going in and using it. Also, lots of trash around by the fence by the old Building 19.	3/17/2016 2:41 PM
183	City has done some improvements but need more...downtown riverwalk to draw people in would be great. I think we need better maintenance of what we already have in place.	3/17/2016 2:18 PM
184	Better parking near the Northern Essex Community College access to Winnekenni.	3/17/2016 1:01 PM
185	More trail improvements and additional trails are needed throughout the city for multiuse year round recreation.	3/17/2016 12:24 PM
186	Better enforcement of rural zoning laws. Force developers to donate open space.	3/17/2016 12:15 PM

187	Implement funding to make improvements at Winnekenni Park and other public conservation/hiking trails areas in the City. Improve boating/kayaking access points on the Merrimack and Little Rivers, and on the City's lakes and ponds.	3/17/2016 11:33 AM
188	The condition of athletic fields in Haverhill are very poor. We have teams from surrounding communities visiting our fields regularly and generating a very negative view of Haverhill because of what they see. We also have Haverhill teams visiting communities that have developed and cared for their fields, which makes Haverhill residents embarrassed about the resources Haverhill provides. Eg - the soccer fields on St. James (and other fields) are a dust bowl because there is no irrigation and very little grass among the weeds. Kids come off the field with dirt dust covering them head to toe and we all know they end up breathing in a lot of that same dust. Because there is little live grass, lines painted on the fields are basically painted on dirt which doesn't last more than a single game.	3/17/2016 9:44 AM
189	Playground in Bradford would be great. Lots of much older kids/teens at the playgrounds make it intimidating for little toddlers.	3/16/2016 7:22 PM
190	bathrooms are needed for dignity and sanitation	3/16/2016 7:18 PM
191	You guys are doing a great job! Moved to Haverhill from Methuen three years ago and the outdoor space and rental affordability is great, especially in comparison. I will never say no to more or improvements :) the skate park is kinda sad, if would be nice if that area could be expanded or improved for kids and adults who enjoy that activity.	3/16/2016 9:50 AM
192	(Expletive) the City of Haverhill! Where were you when we fought, as a neighborhood attempting to preserve our open space? The city wanted the tax revenue and sidelined conservation issues to reap the tax incomes from multiple units developed in our 100 year old neighborhood. The population on our side street has doubled. The city does not care.	3/16/2016 7:06 AM
193	Would like to see a pocket park/paddling access at Skelly's gas station. Would like to see the purchase of Building 19 building for purposes of a public access rowing boathouse and dock for youth and adult/community programming	3/15/2016 10:15 PM
194	Adult playground equipment, more shared parent/child equipment, better and better located seating for adults to watch/supervise kids (impossible visually at Riverside). Better dog walking around downtown and places to, safely leash dogs to go in for a coffee or a purchase, a much larger dog park ( see Derry, NH as model), lengthen Buttonwood trail at river	3/15/2016 9:52 PM
195	#9 do not use	3/15/2016 8:58 PM
196	Working farm for children to visit and learn agriculture	3/15/2016 8:49 PM
197	Need clean sidewalks. Inner city areas dirty including streets and parks. Need school zones driving speed enforcement needed asap	3/15/2016 8:02 PM
198	I think we have enough open space and the city does a good job taking care of it and responds well to requests if we need something taken care of....that's all we can ask. Mayor Jim does a great job as does all the city employees. p.s. we need to keep people working and paying taxes.	3/15/2016 6:42 PM
199	Disc golf	3/15/2016 6:13 PM
200	Love the mayors focus on the outdoors. The parks. River walk. Etc.	3/15/2016 5:45 PM
201	high maintenance when we have no park employees. GAR park wrong location PARKING	3/15/2016 4:21 PM
202	More space that can be accessed, more activities, we don't have a rec program for younger children	3/15/2016 4:17 PM
203	It's really nice to see the improvements that have been made. Would like to see some empty lots used for community gardening projects, blighted properties revitalized, better trash management at parks and trails.	3/15/2016 4:10 PM
204	Maintaining open space is absolutely vital to maintain the city's character. We don't want to so congested that we begin to be like Lawrence.	3/15/2016 3:46 PM
205	Need more areas for teens and young adults. use vacant abandoned homes and building space.	3/15/2016 3:34 PM
206	Haverhill needs disc golf course.	3/15/2016 3:28 PM
207	Disc golf course at Clement Farm is a must for the city. Also, completion/extension of the rail trail would be great.	3/15/2016 3:01 PM
208	Limit the building of large houses in established neighborhood, restrict the demolition of trees for building a development	3/15/2016 2:56 PM
209	I would love to see more neighborhood farm co ops. I have no room to plant and would love a place to grow healthy foods for my family.	3/15/2016 1:30 PM
210	Planting more trees, flowers and shrubs along with more public art to make these places a warm, relaxing and beautiful place to visit. For new families checking out our city this is very important.	3/15/2016 12:38 PM

211	I'd like to see more dog waste bag stations at swasey park. I would hope more people would pick up after their dogs if they were made available.	3/15/2016 12:36 PM
212	City needs more parks to walk, cycling, jogging outdoor activity	3/15/2016 12:35 PM
213	I feel some are ok. Others marginal.	3/15/2016 12:25 PM
214	Dog park at Riverside seems rather small.	3/15/2016 12:18 PM
215	Keep it up!	3/15/2016 11:39 AM
216	I think what the city has done in the past few years is amazing! I love it!!	3/15/2016 11:22 AM
217	Disc Golf at Winnikinnie and Clement Farm	3/15/2016 11:07 AM
218	You have already made great strides over the past several years. Continue to keep this up. Would love to see more bike trails	3/15/2016 11:05 AM
219	the city has done some work developing new areas but not done enough for maintaining existing areas or monitoring them for vandalism or destruction	3/15/2016 10:53 AM
220	Need more monitored/supervised play areas for kids of all ages. Other towns have playgrounds/equipment that big and small kids can use that doesn't seem to get vandalized as much. I take my kids to some of the parks in Amesbury and Newburyport because of the cleanliness and condition of the equipment.	3/15/2016 10:51 AM
221	Sidewalks to get to the parks. Also, making the roads safer so it is walkable to travel by bike or foot to recreational areas. Even Plug Pond becomes difficult and unsafe to get to when it comes to crossing Mill Street. Also, care and cleaning of parks. The leagues sometimes leave beer behind.	3/15/2016 10:31 AM
222	Focus should be on improving existing parks before acquiring and finding new parks. Small play areas in communities would be acceptable though.	3/15/2016 9:54 AM
223	More available programs for kids on the street all summer.	3/15/2016 9:40 AM
224	Use sidewalk plow in winter for walking trails, especially Riverside	3/15/2016 9:20 AM
225	The city should focus on cleaning up and revitalizing what it has before developing more open space. A great park does not have to destroy wildlife. Urbanization and making people accountable for their neighborhood and aesthetics should be encouraged. The city has a lot of slum areas that building code needs to enforce and clean up which would enhance the overall appearance	3/15/2016 9:10 AM
226	It seems that some things simple don't get used...city skating rinks - very seldom see people skating ut believe that is a two-fold problem - they are too small for big kids and adults and don't offer skate rentals for people wanting to try something new. Feel that a skating expo on the rinks (if large enough) would give people who have no idea what skating is about a chance to see what it can be an encourage usage. Rental days on weekends would be helpful, too	3/15/2016 9:07 AM
227	Finish Rail Trail. More trash pickup at RIVERSIDE PARK. Or more trash cans. Public toilets at Garden Park	3/15/2016 8:57 AM
228	I've lived here for 16 years and I feel as though Haverhill has so much potential to utilize the river and make walking trails and build more beautiful establishments on the river. The river is completely under utilized and it's too bad - so much potential!	3/15/2016 8:43 AM
229	More educational opportunities (how to garden, bird watching, running series)	3/15/2016 7:51 AM
230	Keeping clean, trash cleanup, recycling promotion, conservation, and green sustainable building and construction are regarded as high importance to me.	3/15/2016 1:00 AM
231	Maintain what we have before adding new. There should be better bathroom facilities at Plugs Pond, Winnekenni and Riverside. The skating rink needs upgrades and its own entrance. In the past one could access the rink via Brook Street now the only way in is through the High School this should change. There should be consistency in parks and open space maintenance. Riverside is not the only ball fields in town. There should be bathrooms at the Legion field. There should be playground equipment at the Fox ball field as well as bathroom facilities. Please do not build additional parks before fixing what we currently have. Ps the city does not need an adult playground!	3/14/2016 5:58 PM

## Q12 On what street do you live?

Answered: 413 Skipped: 139

#	Responses	Date
1	Would love to help/contribute/volunteer. 22 Hamilton Ave. 978-289-2737	4/13/2016 3:41 PM
2	6th avenue	4/13/2016 10:31 AM
3	Kensington ave	4/13/2016 9:45 AM
4	Kenoza Street	4/13/2016 9:32 AM
5	Kenoza Street	4/13/2016 9:22 AM
6	Downtown - Locke St.	4/13/2016 9:14 AM
7	River street area (the ugly, depressing, high-speed but often traffic-jammed, horribly littered, druggy and needle-ridden "gateway" to the city).	4/13/2016 8:08 AM
8	Groveland street	4/12/2016 9:46 PM
9	11th ave	4/12/2016 7:34 PM
10	PEOPLES PLACE	4/12/2016 7:06 PM
11	Washington st	4/12/2016 5:38 PM
12	Whittier Rd.	4/12/2016 5:22 PM
13	Locke	4/12/2016 5:18 PM
14	South Kimball	4/12/2016 10:34 AM
15	Gile St	4/12/2016 10:03 AM
16	Edgehill Rd	4/12/2016 9:42 AM
17	Locke St.	4/12/2016 9:36 AM
18	belgrade	4/12/2016 3:12 AM
19	Lyons Farm Rd	4/11/2016 8:37 PM
20	14 Mitchell Barrett lane	4/11/2016 3:05 PM
21	Overlook circle	4/11/2016 2:24 PM
22	Kenoza St.	4/11/2016 2:03 PM
23	alberta ave	4/11/2016 10:07 AM
24	Jordan Street	4/11/2016 9:09 AM
25	11th Ave	4/11/2016 7:46 AM
26	Country Hill Lane	4/10/2016 9:52 PM
27	Groveland	4/10/2016 9:43 PM
28	Edgewood Ave	4/8/2016 10:59 PM
29	Morgan dr	4/8/2016 4:30 PM
30	Leonard Avenue	4/8/2016 4:40 AM
31	Hilldale Avenue area	4/7/2016 1:28 PM
32	Pilling Street	4/7/2016 1:01 PM

33	North Broadway	4/6/2016 6:45 PM
34	Condo development - County Hollow Country Hill Lane	4/6/2016 12:56 PM
35	Main	4/6/2016 10:37 AM
36	North Broadway	4/6/2016 8:08 AM
37	Haverhill Street	4/6/2016 7:50 AM
38	Washington Street	4/5/2016 4:16 PM
39	Nottingham Lane	4/5/2016 2:12 PM
40	Silver St	4/5/2016 1:53 PM
41	forest acres apartments in Bradford	4/5/2016 12:58 PM
42	Rosemont	4/5/2016 11:01 AM
43	Balgreen ct	4/4/2016 11:04 PM
44	Lincoln ave	4/4/2016 9:43 PM
45	Franklin st	4/4/2016 2:37 PM
46	maynard ave	4/3/2016 7:25 PM
47	ashworth terr	4/3/2016 2:02 PM
48	Country Hill Lane	4/3/2016 10:20 AM
49	Summer	4/2/2016 10:31 AM
50	East broadway	4/2/2016 6:19 AM
51	Montclair	4/1/2016 10:26 AM
52	Concord st	3/31/2016 8:04 PM
53	Lawrence St.	3/31/2016 12:37 PM
54	Amy Lynne Lane	3/31/2016 10:37 AM
55	Eastland Ter	3/30/2016 6:34 PM
56	Lawrence St.	3/30/2016 6:03 PM
57	Currier Ave	3/30/2016 12:11 PM
58	clement court	3/30/2016 9:56 AM
59	Concord Street.	3/30/2016 8:59 AM
60	Edgewood Ave	3/30/2016 6:31 AM
61	Ledge Roaf	3/29/2016 9:50 PM
62	Seven Sister Rd.	3/29/2016 7:59 PM
63	Verndale	3/29/2016 7:52 PM
64	Lawton	3/29/2016 7:22 PM
65	123 Oakwood Ave	3/29/2016 3:43 PM
66	Haseltine St.	3/29/2016 3:11 PM
67	Woodland Park Drive off of Giles. Giles and Rt 108 are very dangerous streets and there are no sidewalks leading to Winnekinni Park	3/29/2016 2:48 PM
68	So. Williams St.	3/29/2016 2:21 PM

69	Lake Street	3/29/2016 1:33 PM
70	Marshland Street	3/29/2016 12:49 PM
71	Greenleaf St	3/29/2016 12:16 PM
72	Webster St	3/29/2016 12:06 PM
73	Thornton Ave.	3/29/2016 11:17 AM
74	Emily St.	3/29/2016 11:07 AM
75	Back Nine Dr.	3/29/2016 8:24 AM
76	St. Lawrence Street	3/29/2016 7:20 AM
77	Winston Circle	3/29/2016 3:29 AM
78	North ave	3/28/2016 10:21 PM
79	Lovejoy	3/28/2016 9:50 PM
80	Hazen Ave	3/28/2016 8:46 PM
81	Baypoint	3/28/2016 8:18 PM
82	Washington	3/28/2016 8:09 PM
83	south porter st	3/28/2016 8:08 PM
84	Brockton Av.	3/28/2016 6:35 PM
85	WashingtonSt.	3/28/2016 6:23 PM
86	Fernwood Ave	3/28/2016 3:52 PM
87	Myles Standish Drive	3/28/2016 3:12 PM
88	Broadway	3/28/2016 3:09 PM
89	York St.	3/28/2016 2:38 PM
90	Lexington Ave.	3/28/2016 2:06 PM
91	Downtown	3/28/2016 1:48 PM
92	4th Ave	3/28/2016 1:09 PM
93	Jackson St.	3/28/2016 12:43 PM
94	11th Ave	3/28/2016 12:39 PM
95	Webster ST	3/28/2016 12:38 PM
96	Longview Street	3/28/2016 12:36 PM
97	East Broadway	3/28/2016 12:34 PM
98	Flora St.	3/28/2016 12:24 PM
99	Coates Lane	3/28/2016 12:05 PM
100	Hill St.	3/28/2016 11:47 AM
101	Jericho Road	3/28/2016 11:18 AM
102	Margin Street	3/28/2016 10:51 AM
103	Locke	3/28/2016 10:44 AM
104	13th Ave.	3/28/2016 10:30 AM
105	Richmond	3/28/2016 10:27 AM

106	Frances St	3/28/2016 10:17 AM
107	ferry road	3/28/2016 10:05 AM
108	Riverdale Ave.	3/28/2016 9:58 AM
109	Whittier Road	3/28/2016 9:48 AM
110	South Williams	3/28/2016 9:27 AM
111	willow ave	3/28/2016 9:13 AM
112	Beechwood Drive	3/28/2016 9:05 AM
113	North Broadway	3/28/2016 8:57 AM
114	Scotland Heights Road	3/28/2016 8:42 AM
115	Church st	3/28/2016 8:32 AM
116	Holly Lane	3/28/2016 8:18 AM
117	Homestead St	3/28/2016 7:58 AM
118	8th Avenue	3/28/2016 7:46 AM
119	Columbus Ave	3/28/2016 7:37 AM
120	No comment	3/28/2016 7:36 AM
121	Water St	3/28/2016 7:05 AM
122	Edgehill Road	3/28/2016 6:56 AM
123	Kenoza St.	3/28/2016 6:46 AM
124	Groveland	3/28/2016 5:52 AM
125	cedar st	3/28/2016 12:04 AM
126	millvaile	3/27/2016 10:01 PM
127	Lovejoy	3/27/2016 9:26 PM
128	Belmont Ave	3/27/2016 8:05 PM
129	Morgan Drive	3/27/2016 7:36 PM
130	Wellington ave.	3/27/2016 7:30 PM
131	Sheridan	3/27/2016 3:19 PM
132	North Ave	3/27/2016 2:15 PM
133	Grant St	3/27/2016 1:53 PM
134	25 Washington Square	3/27/2016 1:39 PM
135	Fairmount Avenue	3/27/2016 1:10 PM
136	Primrose way	3/27/2016 11:06 AM
137	Grove	3/27/2016 10:28 AM
138	Main Street, between the numbered avenues	3/27/2016 9:53 AM
139	Eastland Ter.	3/27/2016 9:08 AM
140	Grove	3/27/2016 5:58 AM
141	how st.	3/26/2016 11:24 PM
142	Hyatt ave	3/26/2016 11:09 PM

143	ATWOOD ROAD	3/26/2016 10:33 PM
144	Primrose	3/26/2016 9:42 PM
145	Groveland st	3/26/2016 8:36 PM
146	Village Woods Road	3/26/2016 8:26 PM
147	Cogswell Avenue	3/26/2016 8:24 PM
148	East Broadway	3/26/2016 8:23 PM
149	Dalton Ave. Bradford	3/26/2016 7:55 PM
150	Kingsbury Ave where we DESPERATELY NEED SIDEWALKS!!!!	3/26/2016 7:44 PM
151	Douglas	3/26/2016 6:58 PM
152	Highland	3/26/2016 5:59 PM
153	Lakeview Ave.	3/26/2016 5:22 PM
154	Warrenton Rd	3/26/2016 5:22 PM
155	Lexington ave	3/26/2016 5:17 PM
156	Oak terrace	3/26/2016 4:58 PM
157	Leroy ave	3/26/2016 4:22 PM
158	Allen St	3/26/2016 4:02 PM
159	Ferry Rd.	3/26/2016 3:40 PM
160	freeman st	3/26/2016 3:34 PM
161	Brandy Brow Road	3/26/2016 3:17 PM
162	Woodland Park Drive	3/26/2016 2:05 PM
163	Fox Run Drive	3/26/2016 1:44 PM
164	Jericho Road	3/26/2016 1:05 PM
165	Eastland Terrace	3/26/2016 1:04 PM
166	High	3/26/2016 12:19 PM
167	PORTLAND STREET	3/26/2016 12:17 PM
168	138 orchard hill road Bradford	3/26/2016 11:53 AM
169	Fernwood Ave	3/26/2016 11:51 AM
170	Lexington Ave	3/26/2016 11:48 AM
171	Pinedale Avenue	3/26/2016 11:15 AM
172	Winchester St	3/26/2016 11:03 AM
173	groveland street	3/26/2016 10:36 AM
174	I live in Bradford near Hunking.	3/26/2016 10:36 AM
175	Lexington Ave	3/26/2016 10:30 AM
176	Oxford street, fortunate to view an open park space .	3/26/2016 10:27 AM
177	In the Bradford section of the city.	3/26/2016 10:27 AM
178	Hanscom Avenue	3/26/2016 9:58 AM
179	Mount Vernon	3/26/2016 9:56 AM

180	Have lived in Bradford and currently live in west meadow.	3/26/2016 9:56 AM
181	Stelyani Drive	3/26/2016 9:41 AM
182	South Main	3/26/2016 9:38 AM
183	solitaire drive	3/26/2016 9:21 AM
184	North Broadway	3/26/2016 9:20 AM
185	Haseltine St	3/26/2016 9:13 AM
186	13th Ave	3/26/2016 9:10 AM
187	3 Card Ave Bradford	3/26/2016 8:56 AM
188	primrose street	3/26/2016 8:32 AM
189	Groveland.	3/26/2016 8:31 AM
190	Arlington St	3/26/2016 8:02 AM
191	Middlesex	3/26/2016 7:59 AM
192	Wedgewood Drive	3/26/2016 7:59 AM
193	white oak circle	3/26/2016 7:30 AM
194	Douglas Street	3/26/2016 7:03 AM
195	Dawn Circle	3/26/2016 5:54 AM
196	Riverview St	3/26/2016 5:13 AM
197	silver st	3/25/2016 9:25 PM
198	South Kimball St	3/25/2016 7:20 PM
199	Boxford road	3/25/2016 6:58 PM
200	Lake Street	3/25/2016 6:16 PM
201	Elmwood Ave.	3/25/2016 5:43 PM
202	15th Ave	3/25/2016 3:54 PM
203	Eastland Terrace	3/25/2016 3:05 PM
204	Hilldale ave	3/25/2016 1:55 PM
205	Juneau Ave	3/25/2016 1:26 PM
206	kimball hill drive	3/25/2016 1:05 PM
207	Forest	3/25/2016 12:42 PM
208	Salem Street, Bradford	3/25/2016 12:02 PM
209	Kristine Lane	3/25/2016 11:36 AM
210	Blossom	3/25/2016 11:16 AM
211	North Broadway	3/25/2016 11:11 AM
212	Fernwood Ave	3/25/2016 11:10 AM
213	River	3/25/2016 11:01 AM
214	Fountain	3/25/2016 10:58 AM
215	Country Spring Loop	3/25/2016 10:42 AM
216	South Riverview	3/25/2016 10:42 AM

217	On the fastest street in the city. Were everyone races up and down. RACE ST	3/25/2016 10:42 AM
218	Hyatt Ave	3/25/2016 10:39 AM
219	S pleasant st	3/25/2016 10:39 AM
220	Lake street	3/25/2016 10:39 AM
221	Peoples Place	3/25/2016 10:37 AM
222	Chadwick	3/25/2016 10:32 AM
223	Boscowen	3/25/2016 10:32 AM
224	Scotland Heights Road	3/25/2016 10:31 AM
225	Sun valley drive	3/25/2016 10:29 AM
226	I st	3/25/2016 10:26 AM
227	Mill Street	3/25/2016 8:32 AM
228	Farrwood Drive Bradford MA	3/25/2016 8:19 AM
229	Brookline Ave	3/24/2016 11:40 PM
230	Auburn st	3/24/2016 10:04 PM
231	West Meadow Rd	3/24/2016 6:09 PM
232	Park St.	3/23/2016 9:51 PM
233	Windsor	3/23/2016 9:02 PM
234	Beechwood Drive	3/23/2016 6:53 PM
235	Ward Hill / Bradford area	3/23/2016 2:16 PM
236	Willie	3/23/2016 1:34 PM
237	so Elm St	3/23/2016 12:30 PM
238	15th Avenue	3/23/2016 11:59 AM
239	Gile street	3/23/2016 11:55 AM
240	Middlesex St.	3/23/2016 11:33 AM
241	Pilgrim Road	3/23/2016 11:09 AM
242	Marlon Street	3/23/2016 10:47 AM
243	Warrenton Road	3/23/2016 10:21 AM
244	86 Mill Street	3/23/2016 9:56 AM
245	Richmond street	3/23/2016 9:07 AM
246	Ledge Road	3/23/2016 7:38 AM
247	Bartlett Avenue	3/22/2016 11:31 PM
248	Arch St	3/22/2016 7:40 PM
249	north Broadway	3/22/2016 7:07 PM
250	Highland Avenue	3/22/2016 5:32 PM
251	Standish Road	3/22/2016 4:50 PM
252	Grant St.	3/22/2016 3:57 PM
253	Boardman st	3/22/2016 3:55 PM

254	Ledge Rd	3/22/2016 1:12 PM
255	Buckingham Ln	3/22/2016 11:58 AM
256	West Meadow Rd.	3/22/2016 11:58 AM
257	Washington	3/22/2016 11:25 AM
258	Chadwick Street	3/22/2016 11:10 AM
259	Kathy Drive	3/22/2016 10:40 AM
260	Washington St.	3/22/2016 10:07 AM
261	Judson St.	3/22/2016 9:47 AM
262	Park Street at the corner of Chestnut St.	3/22/2016 9:05 AM
263	North Avenue	3/22/2016 8:55 AM
264	cross road	3/22/2016 8:38 AM
265	Jackson st	3/22/2016 8:35 AM
266	626 North Broadway	3/22/2016 7:55 AM
267	Main	3/22/2016 7:38 AM
268	Downtown	3/22/2016 6:48 AM
269	Washington	3/22/2016 6:42 AM
270	Mill st.	3/22/2016 6:37 AM
271	Currier Ave	3/22/2016 5:51 AM
272	High St	3/21/2016 11:59 PM
273	Ford st	3/21/2016 11:55 PM
274	Brockton Ave	3/21/2016 9:59 PM
275	Dudley St	3/21/2016 8:59 PM
276	Towne Hill Road	3/21/2016 8:30 PM
277	West Lowell ave	3/21/2016 8:06 PM
278	Wingate	3/21/2016 7:20 PM
279	Longview Street	3/21/2016 4:22 PM
280	Westchester Drive	3/21/2016 2:55 PM
281	Hawthorne Street	3/20/2016 11:51 AM
282	South Williams	3/18/2016 11:04 PM
283	Crystal Street. A speedway with no sidewalks, speeders going in and out from NH, no hydrants, litter, development to the point that we can't get out of the street! We need open	3/18/2016 8:58 PM
284	Monument	3/18/2016 8:32 PM
285	Highland Ave.	3/18/2016 5:04 PM
286	Springhill Avenue	3/18/2016 2:49 PM
287	Agawam Avenue	3/18/2016 11:07 AM
288	River Road	3/18/2016 9:40 AM
289	Westminster Ave	3/18/2016 8:11 AM

290	River St	3/18/2016 7:43 AM
291	Doane Street	3/18/2016 7:07 AM
292	Germain ave	3/18/2016 6:07 AM
293	S green st.	3/17/2016 11:07 PM
294	Orchard hill road	3/17/2016 10:21 PM
295	Brockton Ave	3/17/2016 10:10 PM
296	Gale Ave.	3/17/2016 9:46 PM
297	Edwin	3/17/2016 9:35 PM
298	Colby's Lane	3/17/2016 9:11 PM
299	Forest street	3/17/2016 6:49 PM
300	Kenoza st	3/17/2016 6:05 PM
301	13th ave	3/17/2016 5:48 PM
302	Brockton Ave	3/17/2016 4:49 PM
303	rutherford	3/17/2016 4:46 PM
304	North Broadway	3/17/2016 4:10 PM
305	Kingsbury Ave	3/17/2016 4:02 PM
306	Hilldale ave	3/17/2016 3:57 PM
307	River Road	3/17/2016 3:11 PM
308	Leroy Ave	3/17/2016 3:08 PM
309	Sarah J Circle	3/17/2016 2:44 PM
310	Twin Brooks Circle	3/17/2016 2:41 PM
311	Russell	3/17/2016 2:29 PM
312	11th ave	3/17/2016 2:27 PM
313	margin	3/17/2016 2:19 PM
314	Hillcrest ave	3/17/2016 2:18 PM
315	Came ave	3/17/2016 2:01 PM
316	Winona Ave	3/17/2016 1:39 PM
317	Rocks Village	3/17/2016 1:21 PM
318	Rocks village	3/17/2016 1:15 PM
319	Gile	3/17/2016 1:01 PM
320	north broadway	3/17/2016 12:51 PM
321	E. Main st	3/17/2016 12:39 PM
322	revere st,bradford	3/17/2016 12:35 PM
323	Tappan St.	3/17/2016 12:24 PM
324	in Rocks Village	3/17/2016 12:22 PM
325	Crystal St	3/17/2016 12:15 PM
326	Bryant Ave.	3/17/2016 11:41 AM

327	Patricia Ann Drive	3/17/2016 9:44 AM
328	Lincolnshire Drive	3/17/2016 8:38 AM
329	Salem Street	3/16/2016 10:59 PM
330	Mitchell barrett	3/16/2016 7:22 PM
331	gale ave	3/16/2016 7:18 PM
332	Sheridan	3/16/2016 12:03 PM
333	Marshland	3/16/2016 11:18 AM
334	Highland Ave (hence the frequenting of winniekinie and plug pond)	3/16/2016 9:50 AM
335	Lincoln	3/16/2016 7:06 AM
336	Boxford	3/16/2016 2:21 AM
337	Washington Street	3/16/2016 1:26 AM
338	108 hunters run place	3/15/2016 10:42 PM
339	Newton Rd.	3/15/2016 10:15 PM
340	Parsonage hill	3/15/2016 9:59 PM
341	Locke	3/15/2016 9:52 PM
342	East Broadway	3/15/2016 9:37 PM
343	Coolidge Ave.	3/15/2016 9:32 PM
344	Boston Road	3/15/2016 8:58 PM
345	Clement court	3/15/2016 8:49 PM
346	Locust St (The Cordovan)	3/15/2016 8:31 PM
347	Washington	3/15/2016 8:02 PM
348	Washington, downtown	3/15/2016 6:42 PM
349	Albania drive	3/15/2016 6:13 PM
350	Bateman St.	3/15/2016 6:13 PM
351	Jefferson Street.	3/15/2016 5:45 PM
352	Blossom St	3/15/2016 4:30 PM
353	Marlon	3/15/2016 4:25 PM
354	Lexington	3/15/2016 4:17 PM
355	Shawmut Ave Bradford	3/15/2016 4:10 PM
356	Upper Broadway	3/15/2016 3:46 PM
357	Vine Street	3/15/2016 3:34 PM
358	Glenview	3/15/2016 3:28 PM
359	Brockton	3/15/2016 3:03 PM
360	Bedford Street	3/15/2016 3:01 PM
361	Hazen Avenue	3/15/2016 2:56 PM
362	12 Rod way	3/15/2016 2:37 PM
363	Kenoza Ave.	3/15/2016 1:30 PM

364	Arlington st	3/15/2016 1:20 PM
365	Hillside Avenue	3/15/2016 1:05 PM
366	Buttonwoods ave	3/15/2016 12:51 PM
367	West Lowell Ave.	3/15/2016 12:38 PM
368	Sandler terrace	3/15/2016 12:36 PM
369	Stover Ln	3/15/2016 12:35 PM
370	Mill	3/15/2016 12:25 PM
371	North Ave	3/15/2016 12:18 PM
372	Flora Street	3/15/2016 12:11 PM
373	Brockton Ave	3/15/2016 11:41 AM
374	Parker Lane	3/15/2016 11:39 AM
375	Hermon Ave	3/15/2016 11:22 AM
376	Summer St	3/15/2016 11:07 AM
377	Byron	3/15/2016 11:05 AM
378	Arch Street	3/15/2016 10:53 AM
379	Howard Street	3/15/2016 10:51 AM
380	Elm St.	3/15/2016 10:46 AM
381	South Main Street	3/15/2016 10:38 AM
382	Boardman	3/15/2016 10:31 AM
383	North Broadway. Has no walkability or safety features. No sidewalks and people speed all Day especially during rush hours . It's a. NH cut thru which effects this rural neighborhood in	3/15/2016 10:31 AM
384	Broad St.	3/15/2016 10:07 AM
385	alton avenue	3/15/2016 10:03 AM
386	Woodland Park Drive	3/15/2016 9:54 AM
387	12th Ave.	3/15/2016 9:40 AM
388	Kensington ave	3/15/2016 9:33 AM
389	Academy	3/15/2016 9:29 AM
390	Shattuck Street	3/15/2016 9:28 AM
391	Salem	3/15/2016 9:20 AM
392	Bradford	3/15/2016 9:19 AM
393	Garrison Ave	3/15/2016 9:11 AM
394	Towns Hill Rd	3/15/2016 9:11 AM
395	Lexington Ave	3/15/2016 9:10 AM
396	Farrwood Dr	3/15/2016 9:07 AM
397	Fairmount Ave	3/15/2016 9:04 AM
398	School	3/15/2016 8:57 AM
399	Groveland St.	3/15/2016 8:53 AM

400	26 Bradford Green Way	3/15/2016 8:45 AM
401	Innisfee drive	3/15/2016 8:43 AM
402	Currently on Chadwick Rd, formerly on Country Hill Ln On Brown St in my youth	3/15/2016 8:42 AM
403	Magnolia	3/15/2016 8:38 AM
404	Clement ct	3/15/2016 7:51 AM
405	Mount vernon	3/15/2016 1:14 AM
406	Webster st.	3/15/2016 1:00 AM
407	Kenoza Street	3/15/2016 12:58 AM
408	Forest acres drive	3/15/2016 12:41 AM
409	West Lowell avenue	3/15/2016 12:25 AM
410	freeman	3/14/2016 11:05 PM
411	locust	3/14/2016 6:39 PM
412	Amesbury road	3/14/2016 5:58 PM
413	Ringgold	3/14/2016 5:04 PM

## Appendix F

### Natural Heritage and Endangered Species Program, BioMap2: Conserving the Biodiversity of Massachusetts in a Changing World

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Since the approval of the 2008 Haverhill Open Space and Recreation Plan the Commonwealth of Massachusetts has funded a second phase to its 2001 BioMap efforts. According to the Natural Heritage and Endangered Species Program, “*BioMap2* is designed to guide strategic biodiversity conservation in Massachusetts over the next decade by focusing land protection and stewardship on the areas that are most critical for ensuring the long-term persistence of rare and other native species and their habitats, exemplary natural communities, and a diversity of ecosystems”.

The 2012 *BioMap2* report prepared for Haverhill identifies a number of Core Habitats and Critical Natural Landscapes in the community. According to the report, Core Habitats are “necessary to promote the long-term persistence of rare species, other species of conservation concern, exemplary natural communities, and intact ecosystems”. Critical Natural Landscapes are identified as “landscapes in Massachusetts that are better able to support ecological processes and disturbance regimes, and a wide array of species and habitats over long time frames”. These areas are mapped on the following page.

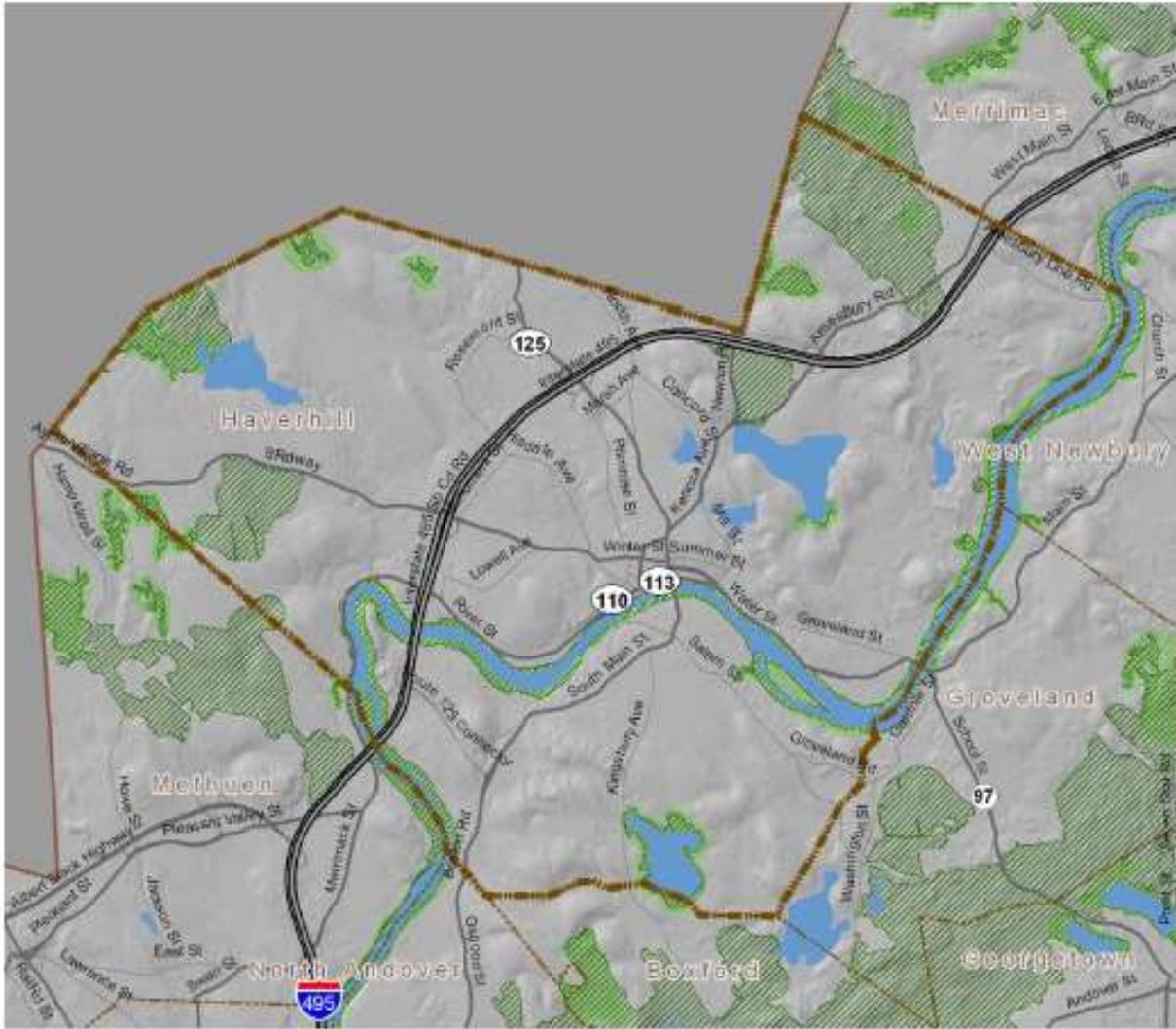
More information on *BioMap2* may be found at:

<http://www.mass.gov/eea/agencies/dfg/dfw/natural-heritage/land-protection-and-management/biomap2/>.

The *BioMap2* report for Haverhill may be found at:

[http://maps.massgis.state.ma.us/dfg/biomap/pdf/town\\_core/Haverhill.pdf](http://maps.massgis.state.ma.us/dfg/biomap/pdf/town_core/Haverhill.pdf)

BioMap2 Core Habitats and Critical Natural Landscapes in Haverhill



-  BioMap2 Core Habitat
-  BioMap2 Critical Natural Landscape

1 Mile  




**Appendix G**  
**Natural Heritage and Endangered Species Program**  
**Haverhill Animal, Plant, & Natural Communities Data, c. 2008**

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The species and natural communities of concern are incorporated within the tables on the following pages.

## ANIMALS – VERTEBRATES

### GROUP: Amphibians

English Name	Scientific Name	English Name	Scientific Name
American Toad	Bufo americanus	Pickerel Frog	Rana palustris
Bullfrog	Rana catesbeiana	Red-backed Salamander	Plethodon cinereus
Common Gray Treefrog	Hyla versicolor	Spring Peeper	Pseudacris crucifer
Dusky Salamander	Desmognathus fuscus	Wood Frog	Rana sylvatica
Green Frog	Rana clamitans		

### GROUP: Birds

English Name	Scientific Name	English Name	Scientific Name
American Black Duck	Anas rubripes	Eastern Towhee, Rufous-sided Towhee	Pipilo erythrophthalmus
American Crow	Corvus brachyrhynchos	Eastern Wood-Pewee	Contopus virens
American Goldfinch	Carduelis tristis	European Starling	Sturnus vulgaris
American Kestrel	Falco sparverius	Field Sparrow	Spizella pusilla
American Robin	Turdus migratorius	Gray Catbird	Dumetella carolinensis
American Woodcock	Scolopax minor	Great Black-backed Gull	Larus marinus
Bald Eagle	Haliaeetus leucocephalus	Great Blue Heron	Ardea herodias
Baltimore Oriole	Icterus galbula	Great Crested Flycatcher	Myiarchus crinitus
Bank Swallow	Riparia riparia	Green Heron	Butorides virescens
Barn Swallow	Hirundo rustica	Hairy Woodpecker	Picoides villosus
Barred Owl	Strix varia	Herring Gull	Larus argentatus
Belted Kingfisher	Ceryle alcyon	Hooded Merganser	Lophodytes cucullatus
Black-and-white Warbler	Mniotilta varia	House Sparrow	Passer domesticus
Black-capped Chickadee	Poecile atricapillus	House Wren	Troglodytes aedon
Blue Jay	Cyanocitta cristata	Indigo Bunting	Passerina cyanea
Bobolink	Dolichonyx oryzivorus	Killdeer	Charadrius vociferus
Brown Creeper	Certhia americana	Mallard	Anas platyrhynchos
Brown Thrasher	Toxostoma rufum	Martins	
Brown-headed Cowbird	Molothrus ater	Mourning Dove	Zenaida macroura
Canada Goose	Branta canadensis	Northern Cardinal, Red Cardinal	Cardinalis cardinalis
Chimney Swift	Chaetura pelagica	Northern Flicker, Yellow-shafted Flicker	Colaptes auratus
Chipping Sparrow	Spizella passerina	Northern Mockingbird	Mimus polyglottos
Cliff Swallow	Petrochelidon pyrrhonota	Northern Rough-winged Swallow	Stelgidopteryx serripennis
Common Grackle,	Quiscalus quiscula	Osprey	Pandion haliaetus

Eastern Grackle			
Common Yellowthroat	Geothlypis trichas	Pileated Woodpecker	Dryocopus pileatus
Double-crested Cormorant	Phalacrocorax auritus	Purple Finch	Carpodacus purpureus
Downy Woodpecker	Picoides pubescens	Red-bellied Woodpecker	Melanerpes carolinus
Eastern Bluebird	Sialia sialis	Red-breasted Nuthatch	Sitta canadensis
Eastern Kingbird	Tyrannus tyrannus	Red-tailed Hawk	Buteo jamaicensis
Eastern Meadowlark	Sturnella magna	Red-winged Blackbird	Agelaius phoeniceus
Eastern Phoebe	Sayornis phoebe	Ring-billed Gull	Larus delawarensis
Eastern Screech-Owl	Otus asio	Ring-necked Pheasant	Phasianus colchicus

<b>GROUP: Fish</b>			
<b>English Name</b>	<b>Scientific Name</b>	<b>English Name</b>	<b>Scientific Name</b>
Alewife	Alosa pseudoharengus	Blueback Herring	Alosa aestivalis
American Shad	Alosa sapidissima	Sea Lamprey	Petromyzon marinus
Atlantic Salmon	Salmo salar		
<b>GROUP: Freshwater Fish</b>			
<b>English Name</b>	<b>Scientific Name</b>	<b>English Name</b>	<b>Scientific Name</b>
American Eel	American Eel	Goldfish	Goldfish
Black Crappie	Black Crappie	Large-mouthed Bass	Large-mouthed Bass
Bluegill	Bluegill	Pumpkinseed Sunfish	Pumpkinseed Sunfish
Brook Trout	Brook Trout	Rainbow Trout	Rainbow Trout
Brown Bullhead	Brown Bullhead	Redfin Pickerel	Redfin Pickerel
Brown Trout	Brown Trout	Small-mouthed Bass	Small-mouthed Bass
Chain Pickerel	Chain Pickerel	Spottail Shiner	Spottail Shiner
Common Carp	Common Carp	Striped Bass	Striped Bass
Common Shiner	Common Shiner	White Catfish	White Catfish
Gizzard Shad	Gizzard Shad	White Perch	White Perch
Golden Shiner	Golden Shiner	White Sucker	White Sucker
<b>GROUP: Mammals</b>			
<b>English Name</b>	<b>Scientific Name</b>	<b>English Name</b>	<b>Scientific Name</b>
American Beaver	Castor canadensis	Little Brown Bat	Myotis lucifugus
American Mink	Mustela vison	Meadow Jumping Mouse	Zapus hudsonius
Bobcat		Moose	Alces alces
Brown Rat, Norway Rat	Rattus norvegicus	Northern River Otter	Lutra canadensis

Common Muskrat	Ondatra zibethicus	Northern Short-tailed Shrew	Blarina brevicauda
Common Porcupine	Erethizon dorsatum	Red Fox	Vulpes vulpes
Common Raccoon	Procyon lotor	Red Squirrel	Tamiasciurus hudsonicus
Coyote	Canis latrans	Southern Flying Squirrel	Glaucomys volans
Domestic Cat	Felis catus	Striped Skunk	Mephitis mephitis
Domestic Dog	Canis familiaris	Virginia Opossum	Didelphis virginiana
Eastern Chipmunk	Tamias striatus	Vole	
Eastern Cottontail	Sylvilagus floridanus	Weasels	
Eastern Gray Squirrel	Sciurus carolinensis	White-footed Mouse	Peromyscus leucopus
Fisher	Martes pennanti	White-tailed Deer	Odocoileus virginianus
Hairy-tailed Mole	Parascalops breweri	Woodchuck, Eastern Marmot	Marmota monax
House Mouse	Mus musculus		
<b>GROUP: Reptiles</b>			
<b>English Name</b>	<b>Scientific Name</b>	<b>English Name</b>	<b>Scient Name</b>
Brown Snake	Storeria dekayi	Northern Water Snake	Nerodia sipedon
Common Garter Snake	Thamnophis sirtalis	Painted Turtle	Chrysemys picta
Eastern Ribbon Snake	Thamnophis sauritus	Racer, Northern Black Racer race	Coluber constrictor
Milk Snake	Lampropeltis triangulum	Snapping Turtle	Chelydra serpentina

<b>ANIMALS –INVERTEBRATES</b>			
<b>GROUP: Ants</b>			
<b>English Name</b>	<b>Scientific Name</b>	<b>English Name</b>	<b>Scientific Name</b>
Allegheny (Red) Mound Ant	Formica exsectoides	Little Black Ant	Monomorium emarginatum
Carpenter Ants	Camponotus	Red Ants, Crater Ants, Mound Ants	Formica
<b>GROUP: Bees and Wasps</b>			
<b>English Name</b>	<b>Scientific Name</b>	<b>English Name</b>	<b>Scientific Name</b>
A Green Metallic Bee	Augochlora	Honey Bee	Apis mellifera
Bald-faced Hornet	Dolichovespula maculata	Northern Paper Wasp	Polistes fuscatus
Bumble Bees	Bombus	Paper Wasp	Polistes dominulus
Eastern Yellowjacket	Vespula maculifrons		
<b>GROUP: Beetles</b>			
<b>English Name</b>	<b>Scientific Name</b>	<b>English Name</b>	<b>Scientific Name</b>
Click Beetle	Melanotus	Nine-spotted Lady Beetle	Coccinella novemnotata

Green Ground Beetle	Chlaenius sericeus	Predaceous Diving Beetles	Dytiscidae
Japanese Beetle	Popillia japonica	Woodland Ground Beetle	Pterostochine
<b>GROUP: Butterflies and Moths</b>			
<b>English Name</b>	<b>Scientific Name</b>	<b>English Name</b>	<b>Scientific Name</b>
American Copper	Lycaena phlaeas	Eastern Tiger Swallowtail	Papilio glaucus
American Snout	Libytheana carinenta	Long Dash	Polites mystic
Black Swallowtail	Papilio polyxenes	Monarch	Danaus plexippus
Cabbage White	Pieris rapae	Mourning Cloak	Nymphalis antiopa
Clouded Sulphur	Colias philodice	Silver-bordered Fritillary	Boloria selene
Common Ringlet	Coenonympha tullia	Silvery Blue	Glaucopsyche lygdamus
Eastern Tiger Swallowtail	Papilio glaucus		
<b>English Name</b>	<b>Scientific Name</b>	<b>English Name</b>	<b>Scientific Name</b>
Artichoke Plume Moth	Platyptila carduidactyla	Gypsy Moth	Lymantria dispar
Cecropia Moth	Hyalophora cecropia	Tent Caterpillar Moths	Lasiocampidae
Eastern Tent Caterpillar Moth	Malacosoma americanum	Woolly Bear Caterpillar Moth	Isia isabella
<b>GROUP: Dragonflies &amp; Flies</b>			
<b>English Name</b>	<b>Scientific Name</b>	<b>English Name</b>	<b>Scientific Name</b>
Eastern Pondhawk	Erythemis simplicicollis	Spangled Skimmer	Libellula cyanea
Emerald Spreadwing	Lestes dryas		
<b>English Name</b>	<b>Scientific Name</b>	<b>English Name</b>	<b>Scientific Name</b>
American Horse Fly	Tabanus americanus	House Fly	Musca domestica
Black Flies	Simulium	Mosquitoes	Culex
Crane Flies	Tipula	Mosquitoes	Culicidae
Crane Flies	Tipulidae	Progressive Bee Flies	Exoprosopa
Deer Fly	Chrysops callidus		
<b>GROUP: Earthworms, Centipedes and Millipedes</b>			
<b>English Name</b>	<b>Scientific Name</b>	<b>English Name</b>	<b>Scientific Name</b>
Centipedes	Chilopoda	Earthworms	Lumbricus
Centipedes	Scutigera	Millipedes	Diplopoda

<b>GROUP: Crustaceans</b>			
<b>English Name</b>	<b>Scientific Name</b>	<b>English Name</b>	<b>Scientific Name</b>
Appalachian Brook Crayfish	Cambarus bartonii		

<b>GROUP: Insects, Spiders And Ticks</b>			
<b>English Name</b>	<b>Scientific Name</b>	<b>English Name</b>	<b>Scientific Name</b>
Aphids	Aphis	Green Stinkbug	Acrostemum hilare
Backswimmer	Notonecta	Mayflies	Ephemeroptera
Caddisflies	Trichoptera	Meadow Spittlebug	Philaenus spumarius
Carolina Locust	Dissosteira carolina	Northern Field Cricket	Gryllus pennsylvanicus
Common Silverfish	Lepisma saccharina	Scarlet-and-green Leafhopper	Graphocephala coccinea
Crickets	Gryllidae	Small Eastern Milkweed Bug	Lygaeus kalmii
European Earwig	Forficula auricularia	Squash Bug	Anasa tristi
European Praying Mantis	Mantis religiosa	Stink Bugs	Pentatomidae
German Cockroach	Blattella germanica	Subterranean Termite	Reticulitermes flavipes
Grasshoppers	Acrididae	Water Striders	Gerris
Green Lacewing	Chrysoptera arnia		
<b>English Name</b>	<b>Scientific Name</b>	<b>English Name</b>	<b>Scientific Name</b>
American House Spider	Achaearanea tepidariorum	Daddy Long-legs	Leiobunum
Black-and-yellow Argiope, Garden Spider	Argiope aurantia	Funnel-web Grass Spider	Agelenopsis naevia
Brown Daddy-long-legs	Phalangium opilio	Nursery Web Spider	Pisaurina mira
Brown Dog Tick, Wood Tick	Dermacentor variabilis		
<b>GROUP: Lichen</b>			
<b>English Name</b>	<b>Scientific Name</b>	<b>English Name</b>	<b>Scientific Name</b>
Lichens	Symbiosis between Fungi and Algae		
<b>English Name</b>	<b>Scientific Name</b>	<b>English Name</b>	<b>Scientific Name</b>
<b>GROUP: Mosses</b>			
<b>English Name</b>	<b>Scientific Name</b>	<b>English Name</b>	<b>Scientific Name</b>
Haircap Moss	Polytrichum	Tree Mosses	Climacium
Sphagnum Moss, Peat	Sphagnum		
<b>GROUP: Mushrooms (Fungi)</b>			
<b>English Name</b>	<b>Scientific Name</b>	<b>English Name</b>	<b>Scientific Name</b>
Artist's Polypore, Artist's Conk	Ganoderma applanatum	Giant Puffball	Langermannia (Calvatia) gigantea
Birch Polypore	Piptoporus betulinus	Oyster Mushroom	Pleurotus ostreatus
Boletes	part of Basidiomycetes	Russula Genus	Russula
False Turkey-tail	Stereum ostrea	Sulphur Shelf Polypore, Chicken Mushroom	Laetiporus sulphureus

Fawn Mushroom, Deer Mushroom	Pluteus cervinus		
<b>GROUP: Snails</b>			
<b>English Name</b>	<b>Scientific Name</b>	<b>English Name</b>	<b>Scientific Name</b>
Air-breathing Snails	Heliosoma	Slugs	Limax
Freshwater Snail	Promenectus exacuus		
<b>GROUP: Worms</b>			
<b>English Name</b>	<b>Scientific Name</b>	<b>English Name</b>	<b>Scientific Name</b>
Freshwater Leech	Erpobdella		

<b>PLANTS</b>			
<b>GROUP: Aquatic Plants</b>			
<b>English Name</b>	<b>Scientific Name</b>	<b>English Name</b>	<b>Scientific Name</b>
Pondweed Genus	Potamogeton		
<b>GROUP: Ferns and Fern Allies</b>			
<b>English Name</b>	<b>Scientific Name</b>	<b>English Name</b>	<b>Scientific Name</b>
Bracken Fern	Pteridium aquilinum	Marginal Wood-fern	Dryopteris marginalis
Christmas-fern	Polystichum acrostichoides	New York Fern	Thelypteris noveboracensis
Cinnamon-fern	Osmunda cinnamomea	Ostrich-fern	Matteuccia struthiopteris
Field-horsetail, Common Horsetail	Equisetum arvense	River-horsetail, Water-horsetail	Equisetum fluviatile
Ground-pine, Princess-pine, Tree-clubmoss	Lycopodium obscurum	Royal Fern	Osmunda regalis var. spectabilis
Hay-scented Fern	Dennstaedtia punctilobula	Sensitive Fern	Onoclea sensibilis
Interrupted Fern	Osmunda claytoniana	Southern Ground-cedar, Fan-clubmoss	Diphasiastrum digitatum
Maidenhair-fern, Northern Maidenhair	Adiantum pedatum	Staghorn Clubmoss, Running Clubmoss, Common Clubmoss	Lycopodium clavatum
<b>GROUP: Grasses, Sedges and Rushes</b>			
<b>English Name</b>	<b>Scientific Name</b>	<b>English Name</b>	<b>Scientific Name</b>
Annual Bluegrass, Low Speargrass	Poa annua	Phragmites, Common Reed	Phragmites australis
Common Timothy	Phleum pratense	Reed Canary-grass	Phalaris arundinacea
Corn, Maize	Zea mays	Tall or Large Crab-grass	Digitaria sanguinalis
Junegrass, Kentucky	Poa pratensis	Timothy	Phleum pratense ssp.

Bluegrass			pratense
Timothy	Phleum pratense ssp. pratense		
<b>GROUP: Tree and Shrubs</b>			
<b>English Name</b>	<b>Scientific Name</b>	<b>English Name</b>	<b>Scientific Name</b>
American Beech	Fagus grandifolia	Northern Arrow-wood, Smooth Arrow-wood	Viburnum dentatum var. lucidum
American Bittersweet, Waxwork	Celastrus scandens	Norway Maple	Acer platanoides
American Chestnut	Castanea dentata	Norway Spruce	Picea abies
American Elm, White Elm	Ulmus Americana	Oriental Bittersweet, Asian or Asiatic Bittersweet	Celastrus orbiculata
American Holly	Ilex opaca	Pagoda-dogwood, Alternate-leaved Dogwood	Cornus alternifolia
American Yew, Canada Yew, Ground-hemlock	Taxus canadensis	Paper-birch, Canoe-birch	Betula papyrifera
Apple	Malus pumila	Pear	Pyrus communis
Atlantic White Cedar	Chamaecyparis thyoides	Pennsylvania Blackberry, Highbush Blackberry	Rubus pensilvanicus
Balsam-fir	Abies balsamea	Pignut, Pignut-hickory	Carya glabra
Basswood, Whitewood, American Linden	Tilia americana var. americana	Pin-oak	Quercus palustris
Bayberry, Wax-myrtle, Candleberry	Myrica pensylvanica	Pitch-pine	Pinus rigida
Big-toothed Aspen	Populus grandidentata	Poison-ivy, Climbing Poison-ivy	Toxicodendron radicans
Black Ash	Fraxinus nigra	Red Ash (hairy form); Green Ash (glabrous form)	Fraxinus pennsylvanica
Black Birch, Sweet Birch, Cherry-birch	Betula lenta	Red Maple	Acer rubrum var. rubrum
Black Elderberry, Common Elderberry	Sambucus canadensis	Red Oak	Quercus rubra var. rubra
Black Huckleberry	Gaylussacia baccata	Red Osier	Cornus sericea
Black Locust	Robinia pseudoacacia	Red Raspberry	Rubus idaeus
Black Oak	Quercus velutina	Sassafras	Sassafras albidum
Black Raspberry, Blackcap	Rubus occidentalis	Scarlet Oak	Quercus coccinea
Black Spruce	Picea mariana	Scotch Pine	Pinus sylvestris
Black Walnut	Juglans nigra	Shagbark-hickory	Carya ovata

Black Willow	Salix nigra	Sheep-laurel, Lambkill, Wicky	Kalmia angustifolia
Boxelder, Ash-leaf Maple	Acer negundo	Silver Maple	Acer saccharinum
Bristly Dewberry, Running Dewberry, Swamp-dewberry	Rubus hispidus	Slippery Elm, Red Elm	Ulmus rubra
Burning Bush, Wahoo	Euonymus atropurpurea	Small-leaved Linden, Small-leaved Lime (in England)	Tilia cordata
Bush-honeysuckle	Diervilla lonicera	Smooth Sumac	Rhus glabra
Choke-cherry	Prunus virginiana	Speckled Alder	Alnus incana ssp. rugosa
Common Blackberry, Sow-teat Blackberry, Allegheny Blackberry	Rubus allegheniensis	Spicebush	Lindera benzoin
Common Buckthorn	Rhamnus cathartica	Staghorn-sumac	Rhus hirta
Common Greenbrier, Catbrier, Bullbrier	Smilax rotundifolia	Striped Maple, Moosewood	Acer pensylvanicum
Common Juniper, Pasture-juniper	Juniperus communis	Sugar-maple	Acer saccharum
Common Lilac	Syringa vulgaris	Swamp White Oak	Quercus bicolor
Crack-willow, Brittle Willow	Salix fragilis	Swamp-azalea, Swamp-honeysuckle	Rhododendron viscosum
Downy Shadbush, Downy Serviceberry	Amelanchier arborea var. arborea	Swamp-rose	Rosa palustris
Eastern Hemlock	Tsuga canadensis	Sweet Fern	Comptonia peregrina
Eastern Red Cedar	Juniperus virginiana	Sweet Gale	Myrica gale
English Elm, Lock-elm	Ulmus minor	Sweet Pepper-bush, White Alder, Coast White Alder	Clethra alnifolia
European Beech	Fagus sylvatica	Sycamore, Buttonwood	Platanus occidentalis
European Larch	Larix decidua	Sycamore-maple	Acer pseudoplatanus
Fire-cherry, Pin-cherry, Bird-cherry	Prunus pensylvanica	Tamarack, American Larch	Larix laricina
Flowering Dogwood	Cornus florida	Tree-of-heaven	Ailanthus altissima
Glossy Alder-buckthorn, Smooth Alder-buckthorn, European Alder-buckthorn	Rhamnus frangula	Trembling Aspen, Quaking Aspen, Quiver-leaf	Populus tremuloides
Gray Birch	Betula populifolia	Tulip-tree, Tulip-poplar, Yellow Poplar	Liriodendron tulipifera

Hackberry, Northern Hackberry, Sugarberry	<i>Celtis occidentalis</i>	Weeping Willow	<i>Salix babylonica</i>
Highbush-blueberry	<i>Vaccinium corymbosum</i>	White Ash	<i>Fraxinus americana</i>
Hop-hornbeam, Ironwood	<i>Ostrya virginiana</i>	White Mulberry	<i>Morus alba</i>
Horse-chestnut	<i>Aesculus hippocastanum</i>	White Oak	<i>Quercus alba</i>
Ironwood, Musclemwood, Blue Beech, Hornbeam	<i>Carpinus caroliniana</i>	White Pine	<i>Pinus strobus</i>
Japanese Barberry	<i>Berberis thunbergii</i>	White Spruce	<i>Picea glauca</i>
Japanese Honeysuckle	<i>Lonicera japonica</i>	Wild Plum, Hedge-plum	<i>Prunus americana</i>
Large Pussy-willow	<i>Salix discolor</i>	Wild Raisin, Witherod	<i>Viburnum nudum</i> var. <i>cassinoides</i>
Low Sweet Blueberry, Late Sweet Blueberry, Lowbush-blueberry	<i>Vaccinium angustifolium</i> var. <i>angustifolium</i>	Winterberry, Black Alder	<i>Ilex verticillata</i>
Maple-leaf Viburnum, Dockmackie, Flowering Maple	<i>Viburnum acerifolium</i>	Wintergreen, Checkerberry, Teaberry, Mountain-tea	<i>Gaultheria procumbens</i>
Meadowsweet	<i>Spiraea alba</i> var. <i>latifolia</i>	Witch-hazel	<i>Hamamelis virginiana</i>
Mountain-laurel	<i>Kalmia latifolia</i>	Witch-hobble, Hobble-bush, Moosewood, Tanglewood	<i>Viburnum lantanoides</i>
Multiflora Rose	<i>Rosa multiflora</i>		
<b>GROUP: Wildflowers</b>			
<b>English Name</b>	<b>Scientific Name</b>	<b>English Name</b>	<b>Scientific Name</b>
Asparagus	<i>Asparagus officinalis</i>	Queen Anne's Lace, Wild Carrot	<i>Daucus carota</i>
Birdsfoot-trefoil	<i>Lotus corniculatus</i>	Ragweed	<i>Ambrosia artemisiifolia</i> var. <i>artemisiifolia</i>
Bird-vetch, Cow-vetch, Tufted Vetch	<i>Vicia cracca</i>	Red Clover	<i>Trifolium pratense</i>
Bittersweet Nightshade, Bittersweet	<i>Solanum dulcamara</i>	Red Clover	<i>Trifolium pratense</i> var. <i>pratense</i>
Black-eyed Susan, Yellow Daisy	<i>Rudbeckia hirta</i> var. <i>hirta</i>	Ribgrass Plantain, Narrow-leaved Plantain, English Plantain	<i>Plantago lanceolata</i>
Bladder-campion	<i>Silene vulgaris</i>	Rue-anemone	<i>Thalictrum thalictroides</i>
Bluets, Quaker Ladies, Innocence, Churn-dasher	<i>Houstonia caerulea</i>	Skunk-cabbage	<i>Symplocarpus foetidus</i>
Broad-leaved or Common	<i>Typha latifolia</i>	Slender Stinging Nettle	<i>Urtica dioica</i> ssp. <i>gracilis</i>

Cat-tail			
Bull-thistle, Common Thistle	Cirsium vulgare		Solomon's Seal Polygonatum pubescens
Canada Mayflower, False Lily-of-the-valley	Maianthemum canadense		Spreading Dogbane, Pink Dogbane Apocynum androsaemifolium
Canada Mayflower, False Lily-of-the-valley	Maianthemum canadense var. canadense		Starflower Trientalis borealis
Cardinal-flower	Lobelia cardinalis		Stout Blue-eyed Grass Sisyrinchium angustifolium
Celandine, Swallow-wort	Chelidonium majus		Striped Pipsissewa, Spotted Wintergreen Chimaphila maculata
Cleavers, Spring-cleavers	Galium aparine		Tall Buttercup, Common Buttercup, Meadow-buttercup Ranunculus acris
Colic-root, Star-grass	Aletris farinose		Tall Meadow-rue Thalictrum pubescens
Common Cow-wheat	Melampyrum lineare var. lineare		Tiger-lily Lilium lancifolium
Common Dandelion	Taraxacum officinale		True Forget-me-not Myosotis scorpioides
Common Milkweed	Asclepias syriaca		Turnip, Chinese Cabbage, Field-mustard Brassica rapa
Common Mullein, Common Flannel-plant, Flannel Mullein, Velvet Plant	Verbascum thapsus		Virginia Creeper, Woodbine Parthenocissus quinquefolia
Common Plantain, Dooryard Plantain, White Man's Foot	Plantago major var. major		Virginia Water-horehound, Floodplain Water-horehound Lycopus virginicus
Common Speedwell, Gypsyweed	Veronica officinalis		White Clover Trifolium repens
Common Stitchwort, Meadow—stitchwort, Field-stitchwort	Stellaria graminea		White Water-lily, Fragrant Water-lily Nymphaea odorata ssp. odorata
Creeping Buttercup, Spotted Buttercup	Ranunculus repens		Whorled Loosestrife Lysimachia quadrifolia
Cypress-spurge	Euphorbia cyparissias		Wild Balsam-apple, Prickly Cucumber Echinocystis lobata
Daisy-fleabane, Whitetop, Sweet Scabious	Erigeron annuus		Wild Calla, Water-arum Calla palustris
Dame's Rocket	Hesperis matronalis		Wild Geranium, Spotted Crane's Geranium maculatum

		Bill	
Dandelion	Taraxacum officinale ssp. officinale	Wild Heal-all, American Heal-all, Self-heal	Prunella vulgaris ssp. lanceolata
Doll's Eyes, White Baneberry	Actaea pachypoda	Wild Sarsaparilla	Aralia nudicaulis
Dwarf Cinquefoil, Running Five-fingers	Potentilla canadensis	Wild Violet, Northern White Violet	Viola macloskeyi ssp. pallens
Evening Lychnis, White Campion, White Cockle	Silene latifolia ssp. Alba	Winter-cress, Yellow Rocket	Barbarea vulgaris
False Solomon's Seal	Maianthemum racemosum	Wood-anemone, Wind-flower	Anemone quinquefolia
Field Garlic, Scallions	Allium vineale	Woodland Jack-in-the-pulpit, Indian Turnip	Arisaema triphyllum ssp. triphyllum
Field-pussytoes	Antennaria neodioica ssp. Petaloidea	Yarrow	Achillea millefolium var. millefolium
Flowering Spurge	Euphorbia corollata	Yellow Iris, Water-flag	Iris pseudacorus
Gill-over-the-ground, Ground-ivy	Glechoma hederacea	Yellow Rattle	Rhinanthus minor
Glossy Shinleaf, Round-leaved Shinleaf, Glossy Pyrola, Round-leaved Pyrola	Pyrola americana	Yellow Star-grass	Hypoxis hirsuta
Golden Alexanders	Zizia aurea	Yellow Water-lily, Bullhead-lily, Spatterdock	Nuphar variegata
Grape-hyacinth	Muscari botryoides	Yellow Wild Indigo, Rattleweed, Horsefly-weed	Baptisia tinctoria
Green Shinleaf, Greenish-flowered Shinleaf, Green Pyrola, Greenish-flowered Pyrola	Pyrola chlorantha var. chlorantha	Alder Genus	Alnus
Horse-nettle, Bull-nettle, Sandbrier	Solanum carolinense	Arrowhead Genus	Sagittaria
Indian Cucumber-root	Medeola virginiana	Blackberry/Dewberry Genus	Rubus
Indian Pipe	Monotropa uniflora	Bur-reed Genus	Sparganium
Jack-in-the-Pulpit	Arisaema triphyllum	Buttercup Genus	Ranunculus
Japanese Knotweed, Japanese or Mexican Bamboo	Polygonum cuspidatum	Catalpa Genus	Catalpa

King-devil, Meadow Hawkweed	Hieracium caespitosum		Crabapple Genus	Malus
Late Blue Cohosh	Caulophyllum thalictroides var. thalictroides		Goldenrod Genus	Solidago
Lily-of-the-valley	Convallaria majalis		Goosefoot Genus	Chenopodium
Marsh-marigold, Cowslip	Caltha palustris		Grape Genus	Vitis
Moneywort, Creeping Jenny	Lysimachia nummularia		Hawkweed Genus	Hieracium
Mouse-ear Hawkweed	Hieracium pilosella		Hawthorn Genus	Crataegus
Narrow-leaved Cat-tail	Typha angustifolia		Mosses	Musci
Nodding Trillium	Trillium cernuum var. cernuum		N/A	Agrimonia
Northern Blue Flag, Wild Iris, Poison-flag	Iris versicolor		N/A	Arion
Orange Day-lily	Hemerocallis fulva		N/A	Philadelphus
Orange Hawkweed, Devil's Paintbrush	Hieracium aurantiacum		N/A	Populus
Orange Jewelweed, Spotted Touch-me-not	Impatiens capensis		N/A	Sibbaldiopsis
Oxeye-daisy, Marguerite	Leucanthemum vulgare		N/A	Sorbus
Palmate Hop-clover, Yellow Hop-clover	Trifolium aureum		N/A	Typha
Partridge-berry, Twinberry, Two-eyed Berry	Mitchella repens		Slime Molds	Myxomycota
Perennial Sow-thistle	Sonchus arvensis		Sowbugs, Pillbugs	Oniscus
Philadelphia Fleabane, Pink Fleabane	Erigeron philadelphicus		Sow-thistle Genus	Sonchus
Pickering-weed	Pontederia cordata var. cordata		St. John's-wort Genus	Hypericum
Pink Lady's Slipper, Moccasin-flower	Cypripedium acaule		Strawberry Genus	Fragaria
Pokeweed, Pokeberry, Poke	Phytolacca americana		Trillium Genus	Trillium
Poor-man's Pepper, Wild Peppergrass	Lepidium virginicum		Vetch Genus	Vicia
Purple Loosestrife, Spiked Loosestrife	Lythrum salicaria		Yellow-eyed-grasses	Xyridaceae

**Rare/Endangered Species**

E = Endangered T = Threatened SC = Special Concern WL = Watch List

<u>Taxonomic Group</u>	<u>Common Name</u>	<u>Scientific Name</u>	<u>MESA Status</u>	<u>Most Recent Observation</u>
Amphibian	Blue-spotted Salamander	Ambystoma laterale	SC**	2004
Amphibian	Four Toad Salamander	Hemidactylum scutatum	SC**	
Bird	American Bittern	Botaurus lentiginosus	E**	
Bird	Least Bittern	Ixobrychus exilis	E **	1992
Dragonfly	A Clubtail Dragonfly	Stylurus spiniceps	T *	2004
Dragonfly	Cobra Clubtail	Gomphus vastus	SC*	2004
Dragonfly	Scarlet Bluert	Enallagma picyum	T***	2001
Dragonfly	Umber Shadowdragon	Neurocordulia obsoleta	SC*	2004
Fish	Atlantic Sturgeon	Acipenser oxyrinchus	E**	
Fish	Shortnose Sturgeon	Acipenser brevirostrum	E****	2007
Mussel	Brook Floater (Swollen Wedgemussel)	Alasmidonta varicosa	E*	Historical
Mussel	Eastern Pondmussel	Ligumia nasuta	SC**	1992
Mussel	Tidewater Mucket	Leptodea ochracea	SC*	1992
Mussel	Yellow Lampmussel	Lampsilis cariosa	E*	1866
Reptile	Blanding's Turtle	Emydoidea blandingii	T**	2006
Reptile	Wood Turtle	Glyptemys insculpta	SC**	2005
Snail	New England Siltsnail	Cincinnati winkleyi	SC**	
Vascular Plant	A Pondweed	Potamogeton vaseyi	E*	1973
Vascular Plant	Arborvitae, Northern White Cedar	Thuja occidentalis	E**	2001
Vascular Plant	Butternut, White Walnut	Juglans cinerea	WL	
Vascular Plant	Eaton's Beggar-ticks	Bidens eatonii	E*	2004
Vascular Plant	Estuary Pipewort	Eriocaulon parkeri	E*	
Vascular Plant	Great Laurel, Rhododendron	Rhododendron maximum	E***	2001
Vascular Plant	Indian Paintbrush	Castilleja coccinea	H*	Historical
Vascular Plant	Long's Bulrush	Scirpus longii	T**	
Vascular Plant	New England Blazing Star	Liatris scariosa var. novae-angliae	SC*	1932
Vascular Plant	Red Pine	Pinus resinosa	WL***	2001
Vascular Plant	River-birch, Red Birch	Betula nigra	WL***	2001
Vascular Plant	River Bulrush	Bolbososchoenus fluviatillis	SC**	
Vascular Plant	Saline Sedge	Carex recta	E**	
Vascular Plant	Round-leaved Shadbush, New England Serviceberry	Amelanchier sanguinea	SC***	2001
Vascular Plant	Silverling	Paronychia argyrocoma	E**	
Vascular Plant	Spiked False Oats	Trisetum spicatum	E*	1914

Vascular Plant	Sweet Bay, Swamp-bay, Sweetbay Magnolia	Magnolia virginiana	E***	2001
Vascular Plant	Water Marigold	Megalodonta beckii	WL**	
Vascular Plant	Wild Black Currant	Ribes americanum	WL***	2001

**\* Massachusetts: Natural Heritage and Endangered Species Program 7/15/2007**

**\*\* Massachusetts: Natural Heritage and Endangered Species Program – BioMap and Living Waters: Core Habitat**

**\*\*\* Massachusetts Biodiversity Days: 2000-2001**

**\*\*\*\* Also Listed as Endangered under Federal Endangered Species Act**

**Natural Communities\***

Estuarine Intertidal: Brackish Tidal Marsh

Estuarine Intertidal: Freshwater Tidal Marsh      Critically Imperiled

Estuarine Intertidal: Salt Marsh      Vulnerable

Small-River Floodplain Forest      Imperiled

**\* Natural Heritage & Endangered Species Program - BioMap and Living Waters: Core Habitat**

**Table below current as of May 30, 2018, per NHESP Town Species Viewer**

<b>Taxonomic Group</b>	<b>Scientific Name</b>	<b>Common Name</b>	<b>MESA Status</b>	<b>Federal Status</b>	<b>Most Recent Observation</b>
Amphibian	<i>Ambystoma laterale</i>	Blue-spotted Salamander	SC		2011
Bird	<i>Falco peregrinus</i>	Peregrine Falcon	T		2017
Bird	<i>Gavia immer</i>	Common Loon	SC		2016
Bird	<i>Haliaeetus leucocephalus</i>	Bald Eagle	T	T	2018
Bird	<i>Ixobrychus exilis</i>	Least Bittern	E		1992
Dragonfly / Damselfly	<i>Gomphus vastus</i>	Cobra Clubtail	SC		2004
Dragonfly / Damselfly	<i>Neurocordulia obsoleta</i>	Umber Shadowdragon	SC		2004
Fish	<i>Acipenser brevirostrum</i>	Shortnose Sturgeon	E	E	2011
Mussel	<i>Alasmidonta varicosa</i>	Brook Floater (Swollen Wedgemussel)	E		Historic
Mussel	<i>Lampsilis cariosa</i>	Yellow Lampmussel	E		1866
Mussel	<i>Leptodea ochracea</i>	Tidewater Mucket	SC		1992
Mussel	<i>Ligumia nasuta</i>	Eastern Pondmussel	SC		2016
Reptile	<i>Emydoidea blandingii</i>	Blanding's Turtle	T		2013
Reptile	<i>Glyptemys insculpta</i>	Wood Turtle	SC		2008
Vascular Plant	<i>Bidens eatonii</i>	Eaton's Beggar-ticks	E		2004
Vascular Plant	<i>Celastrus scandens</i>	American Bittersweet	T		1932
Vascular Plant	<i>Liatris scariosa</i> var. <i>novae-angliae</i>	New England Blazing Star	SC		1932
Vascular Plant	<i>Potamogeton vaseyi</i>	Vasey's Pondweed	E		1973
Vascular Plant	<i>Trisetum spicatum</i>	Spiked False Oats	E		1914

## Appendix H

### Inventory of Haverhill Land under Chapters 61, 61A, & 61B and Lands with Conservation Restrictions

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#### CHAPTER 61 – Forest Classification

Parcel ID	Ownership	Location	Acres
576-435-17	BISHOP / MESERVE	CRYSTAL ST	15.00
576-436-18	BISHOP / MESERVE	CRYSTAL ST	47.76
576-436-18C	BISHOP / MESERVE	CRYSTAL ST	2.21
576-436-18F	BISHOP / MESERVE	CRYSTAL ST	3.80
576-436-27	BISHOP / MESERVE	CRYSTAL ST	18.46
576-436-18A	P + E R.T. / EARLY	674 CRYSTAL ST	1.95
768-779-1	HARTFORD SUSAN E	KINGSBURY AVE	15.65

#### CHAPTER 61A – Agricultural Classification

Parcel ID	Ownership	Location	Acres
778-797-31	GREEN BELT R.T. / DOMORACKI	HYATT AVE	21.17
768-779-25	WALLYWORLD TRUST- DAVIDOWICZ	WILLOW AVE	5.50
768-780-45	CRESCENT FARMS TRUST / EASON	WILLOW AVE	32.63
768-780-48	CANDYLAND R.T. / DIBURRO	WILLOW AVE	7.80
771-779-27	WALLYWORLD TRUST- DAVIDOWICZ	WILLOW AVE	15.86
771-779-47	WALLYWORLD TRUST- DAVIDOWICZ	WILLOW AVE	12.46
771-779-48	WALLYWORLD TRUST- DAVIDOWICZ	WILLOW AVE	4.86
771-779-53	WALLYWORLD TRUST- DAVIDOWICZ	WILLOW AVE	5.65
770-779-21	WALLYWORLD TRUST- DAVIDOWICZ	WILLOW AVE	8.50
770-779-23	WALLYWORLD TRUST- DAVIDOWICZ	WILLOW AVE	21.60
770-779-30	WALLYWORLD TRUST- DAVIDOWICZ	WILLOW AVE	17.90
770-779-32A	WALLYWORLD TRUST- DAVIDOWICZ	WILLOW AVE	7.25
770-779-35	CODYCAM R.E.T. / DIBURRO	WILLOW AVE	9.10
770-779-40	WALLYWORLD TRUST- DAVIDOWICZ	WILLOW AVE	3.03
768-780-50A	DAVIDOWICZ FAMILY R.E.T. / DIBURRO	75 WILLOW AV	48.55
768-779-11	WALLYWORLD TRUST- DAVIDOWICZ	140 WILLOW AV	39.10
768-779-12	SOUCEY ERIC J	192 WILLOW AV	8.58
439-9-1	ZEPHYR R.T. / MONICA HUNT	32 AMESBURY LINE RD	9.73
430-1-7	FAY JAMES M / FAY DIANE J	120 AMESBURY LINE RD	30.66
428-628-12	GAGNON ANDRE / GAGNON SYLVIA	AMESBURY RD	5.87
770-779-31	WALLYWORLD TRUST- DAVIDOWICZ	BOSTON RD	1.80

770-779-32	WALLYWORLD TRUST- DAVIDOWICZ	BOSTON RD	8.00
770-779-43	WALLYWORLD TRUST- DAVIDOWICZ	BOSTON RD	5.75
770-779-44	WALLYWORLD TRUST- DAVIDOWICZ	BOSTON RD	0.60
770-779-45	WALLYWORLD TRUST- DAVIDOWICZ	BOSTON RD	12.80
770-779-46	WALLYWORLD TRUST- DAVIDOWICZ	BOSTON RD	4.00
771-779-56A	WALLYWORLD TRUST- DAVIDOWICZ	BOSTON RD	0.90
771-779-60A	WALLYWORLD TRUST- DAVIDOWICZ	BOSTON RD	0.80
771-779-56	WALLYWORLD TRUST- DAVIDOWICZ	BOSTON RD	1.46
771-779-57	WALLYWORLD TRUST- DAVIDOWICZ	BOSTON RD	4.00
771-779-58	WALLYWORLD TRUST- DAVIDOWICZ	BOSTON RD	6.40
771-779-59	WALLYWORLD TRUST- DAVIDOWICZ	BOSTON RD	4.00
771-779-60	WALLYWORLD TRUST- DAVIDOWICZ	BOSTON RD	0.46
771-779-61	WALLYWORLD TRUST- DAVIDOWICZ	1058A BOSTON RD	10.27
773-793-14	STASINOS CHRIS	BOXFORD RD	9.10
775-791-32B	DAVIDOWICZ JOHN W-ETUX / DAVIDOWICZ JAMIE	480 BOXFORD RD	16.78
775-791-20	CHADWICK KENNETH H SR	562 BOXFORD RD	6.44
462-204-1	LESICZKA DAVID R / LESICZKA JONI G	BRANDY BROW RD	5.00
539-439-9A	DUDLEY FRANK J / C/O NANCY O'NEILL	BROADWAY	31.84
574-1-19	DUDLEY FRANK J / C/O NANCY O'NEILL	1077 BROADWAY	12.20
576-432-1A	TARDY WALTER	BROWNS LN	9.40
586-431-12	TARDY WALTER	73 BROWNS LN	31.30
774-793-24	GREEN BELT R.T. / DOMORACKI	CHADWICK RD	31.00
774-797-26	GREEN BELT R.T. / DOMORACKI	261 CHADWICK RD	13.03
463-206-13	LESICZKA WALTER P ETUX / LESICZKA STEPHANIE S	CORLISS HILL RD	33.60
463-206-17	52 CORLISS HILL ROAD TRUST / JOSEPH LESICZKA-TRUSTEE	CORLISS HILL RD	25.82
463-206-8	52 CORLISS HILL ROAD TRUST / JOSEPH LESICZKA-TRUSTEE	52 CORLISS HILL RD	11.40
463-206-15	LESICZKA WALTER P ETUX / LESICZKA STEPHANIE S	96 CORLISS HILL RD	55.73
462-204-71B	BYRA DANIEL S / BYRA MARK A	97 CORLISS HILL RD	22.45
462-204-71	SALACH RICHARD C-ETUX / SALACH LESLIE	117 CORLISS HILL RD	23.14
463-206-15B	MANSFIELD DANIEL ETUX / MANSFIELD BONNIE	120 CORLISS HILL RD	12.48
462-204-73- 4	TOSCANO-BROWN FAMILY HOLDING TRUST / TOSCANO ANITA E-TRUSTEE	141 CORLISS HILL RD	7.38
460-2-8	FLETCHER FARM LAND TRUST /	COUNTRY BRIDGE	25.30

	LARRY E. COX-TRUSTEE	RD	
574-2-14	P AND M MSCISZ REALTY TRUST / MSCISZ PAUL T ETUX TRUSTEES	231 CRYSTAL ST	38.49
735-788-18	PASZKO MARGARET C-ETUX / C/O MARY PASZKO	CURTIS AVE	2.27
460-1-7	JUDITH KIMBALL FARM, LLC	EAST BROADWAY	62.60
460-2-20	JUDITH KIMBALL FARM, LLC	EAST BROADWAY	9.00
460-3-1	JUDITH KIMBALL FARM, LLC	EAST BROADWAY	83.10
461-2-3	FLETCHER FARM LAND TRUST / LARRY E. COX-TRUSTEE	EAST BROADWAY	21.68
461-2-5	FLETCHER FARM LAND TRUST / LARRY E. COX-TRUSTEE	EAST BROADWAY	10.00
461-2-6	FLETCHER FARM LAND TRUST / LARRY E. COX-TRUSTEE	EAST BROADWAY	20.40
461-3-14	FLETCHER FARM LAND TRUST / LARRY E. COX-TRUSTEE	EAST BROADWAY	3.40
461-3-19	FLETCHER FARM LAND TRUST / LARRY E. COX-TRUSTEE	EAST BROADWAY	9.50
469-188-7	323 EAST BROADWAY NOMINEE TR / CHERYL WADMAN-TRUSTEE	EAST BROADWAY	1.00
469-188-8	323 EAST BROADWAY NOMINEE TR / CHERYL WADMAN-TRUSTEE	323 EAST BROADWAY	5.72
461-3-17	FLETCHER FARM LAND TRUST / LARRY E. COX-TRUSTEE	595 EAST BROADWAY	6.50
430-8-3	JUDITH KIMBALL FARM, LLC	791 EAST BROADWAY	35.50
731-772-20	ROGERS DALE F JR	211- 213 FERRY RD	1.46
731-772-19	DALE F. ROGERS REVOCABLE TRUST / ROGERS DALE F-TRUSTESS	FERRY RD	7.00
584-427-9	SRYBNY JOHN R - ETALI / EDWARD M SRYBNY	HILLDALE AVE	12.02
585-431-24	SRYBNY JOHN R / RUTH SRYBNY	HILLDALE AVE	17.19
587-427-5	SRYBNY KATHLEEN H ETALI / SRYBNY EDWARD M JR	HILLDALE AVE	37.44
585-430-1	SRYBNY KATHLEEN H ETAL / SRYBNY EDWARD M JR	843 HILLDALE AV	54.04
585-431-22	DIXIELAND, LLC	1050 HILLDALE AV	93.40
576-433-1A	HANSEN BRUCE P	JERICO RD	4.31
467-185-21	FITZGERALD PAUL / MICHAEL G FITZGERALD ET AL	KENOZA ST	17.50
467-185-23	FITZGERALD PAUL A JR ETAL / FITZGERALD KATHRYN H	KENOZA ST	17.58
467-185-29A	FITZGERALD PAUL A JR ETAL / FITZGERALD KATHRYN H	KENOZA ST	4.70
470-187-10	FITZGERALD KEVIN D ETALI /	KENOZA ST	5.88

	SANDLIN MARGARET		
470-187-15A	EVERETT MURRAY REALTY TRUST / MURRAY HEWEY-TRUSTEE	KENOZA ST	8.09
467-185-31	BUTLER HOWARD / C/O MICHAEL FITZGERALD	KENOZA ST	27.70
467-185-32	FITZGERALD PAUL A JR ETAL / FITZGERALD KATHRYN H	KENOZA ST	11.03
467-185-32A	FITZGERALD MICHAEL G / PAUL A FITZGERALD ET AL	KENOZA ST	9.00
467-185-32B	FITZGERALD MICHAEL G / PAUL A FITZGERALD ET AL	KENOZA ST	2.00
467-185-32C	FITZGERALD MICHAEL G / PAUL A FITZGERALD ET AL	KENOZA ST	1.00
467-185-33	FITZGERALD PAUL A JR ETAL / FITZGERALD KATHRYN H	KENOZA ST	51.50
470-187-9	SMITH JAMES C / KATHERINE E SMITH	179 KENOZA ST	10.95
467-185-27	POIRIER RONALD J / FRANCES J POIRIER ETAL	226 KENOZA ST	23.00
466-185-19	LAWLESS JUDITH W-ETUX / LAWLESS KEVIN W	490 KENOZA ST	6.00
466-185-18A	ATWOOD CURINA H	496 KENOZA ST	3.77
772-793-44	DOROTHY O DAY LIFE ESTATE / HARDIN VIRGINIA D- ETAL	KINGSBURY AVE	14.88
573-2-3	BRADLEY M DIANNE	493 LIBERTY ST	55.00
429-3-296	GAGNON ANDRE ETALI / GAGNON SYLVIA A	LOIS ST	0.30
463-206-6	GAGNON ONE FAMILY TRUST / GAGNON ANDRE C-ETUX-TRUSTEE	LOVERS LN	36.73
463-206-7	GAGNON ONE FAMILY TRUST / GAGNON ANDRE C-TRUSTEE	LOVERS LN	34.00
463-206-6A	GAGNON ONE FAMILY TRUST / GAGNON ANDRE C-ETUX-TRUSTEE	239 LOVERS LN	2.00
428-626-12	GAGNON ANDRE C ETALI / GAGNON SYLVIA A	241 LOVERS LN	15.34
534-1-1A	PASZKO WALTER	LOWELL AVE	6.16
570-2-16	PASZKO ZIGMUND ETALI / PASZKO MICHAEL + WALTER	LOWELL AVE	11.77
775-791-25	GREEN VALLEY FARM RLTY TR / DAVID TOMBARELLI-TRUSTEE	25 MARBLE LN	68.93
469-187-22	FITZGERALD PAUL / MICHAEL G FITZGERALD ET AL	MIDDLE RD	16.33
466-195-19	BUTT DAVID J / BUTT JENNIFER A	200 MIDDLE RD	19.50
459-2-15	BUTT DAVID F / NANCY A BUTT	380 MIDDLE RD	43.00
766-1-1	ROGERS RICHARD & / ELIZABETH	NECK RD	46.52

766-1-9B	MARCIA B ROGERS REVOCABLE TRUST / ROGERS MARCIA B-TRUSTEE-ETAL	NECK RD	3.53
767-1-12	D + R R.T. / ROGERS B RICHARD	NECK RD	10.00
766-1-9	ROGERS-SCHARNECK BARBARA J.	42 NECK RD	3.85
766-1-3	MARCIA B ROGERS REVOCABLE TRUST / ROGERS MARCIA B-TRUSTEE-ETAL	130 NECK RD	40.00
755-1-6	ROGERS RICHARD & ELIZABETH	133 NECK RD	10.87
575-1-10	GODDARD FARM TRUST / GODDARD ROBERT J-TRUSTEE	NORTH BROADWAY	60.30
548-1-6	ALLISON MARILYN / GEORGE ALLISON ETUX	362 NORTH BROADWAY	28.53
571-4-8	JP REALTY TRUST / JEFFREY M. PASZKO-TRUSTEE	643 NORTH BROADWAY	9.10
576-435-24A	GODDARD FARM TRUST / GODDARD ROBERT J-TRUSTEE	1020 NORTH BROADWAY	2.56
576-435-24	GODDARD FARM TRUST / GODDARD ROBERT J-TRUSTEE	1034 NORTH BROADWAY	22.14
576-435-23	SHEEHAN THOMAS J-ETUX / SHEEHAN JONI L	1072 NORTH BROADWAY	10.00
576-433-1	HANSEN BRUCE P	1100 NORTH BROADWAY	11.30
430-11-8	JUDITH KIMBALL FARM, LLC	OLD AMESBURY LINE RD	3.70
729-719-5	SILSBY BRADFORD / LILLIAN W SILSBY	SALEM ST	2.26
777-788-11	SILSBY FARM, LLC	SALEM ST	54.00
777-796-1	404-436 SALEM STREET RLTY TR / C/O BRADFORD SILSBY	SALEM ST	22.06
735-787-5	PASZKO FAMILY REALTY TRUST / C/O MARY PASZKO	232 SALEM ST	4.92
777-788-1	SILSBY FARM, LLC	436 SALEM ST	61.60
779-795-25	LOT 1 SOUTH CROSS ROAD RLTY TR / LOT 1 SOUTH CROSS ROAD LLC	109 SOUTH CROSS RD	19.73
729-728-6B	SILSBY FARM, LLC	SO. KIMBALL ST	0.26
585-431-25	GODDARD FARM TRUST / GODDARD ROBERT J-TRUSTEE	VALE ST	10.20
589-421-4-2	ANTON HAVERHILL RLTY TRUST / JANICE D. ANTON-TRUSTEE	WEST LOWELL AV	25.70
589-421-6	PARKER JAMES	840 W. LOWELL AV	22.93
428-624-6	PAL TRUST / PATRICIA A. LESICZKA-TRUSTEE	WHITTIER AVE	0.49
428-626-18	PAL TRUST / PATRICIA A. LESICZKA	WHITTIER AVE	15.19

**CHAPTER 61B – Recreational Classification**

<b>Parcel ID</b>	<b>Ownership</b>	<b>Location</b>	<b>Acres</b>
774-1-33	PERSIMMON WOOD HOMEOWNER ASSOC / C/O KEVIN MURPHY	BOXFORD RD	71.84
778-1-9	PERSIMMON WOOD HOMEOWNER ASSOC / C/O KEVIN MURPHY	BOXFORD RD	48.95
585-430-4	POST DAVID F-ETAL / POST DANA D	HILLDALE AVE	19.45
587-427-6	MARY & EDWARD MURPHY	654 HILLDALE AV	21.00
575-2-8	CRYSTAL LAKE OPEN SPACE, INC	890 NORTH BROADWAY	125.35
778-1-4	PERSIMMON WOOD HOMEOWNER ASSOC / C/O KEVIN MURPHY	ORCHARD HILL RD	10.65
778-1-7	PERSIMMON WOOD HOMEOWNER ASSOC / C/O KEVIN MURPHY	ORCHARD HILL RD	9.02
778-1-8B19	BCC ENTERPRISES, LLC	ORCHARD HILL RD	0.51

**Lands with Conservation Restrictions**

<b>Parcel ID</b>	<b>Grantor</b>	<b>Grantee</b>	<b>Location</b>	<b>CR Book/Page</b>	<b>Acres</b>
772-779-2 772-779-3 772-779-6 768-779-8	Janis & Perley Bailey	Essex County Greenbelt Association	Portion of 475 Kingsbury Av	32058/1	60.7
772-793-42	Essex County Greenbelt Association	BTA/BOLT	Kingsbury Av	36361/173	21.7
464-2-2	City of Haverhill, Water Division	Essex County Greenbelt Association	226 Whittier Rd	35485/521	33.4

**Appendix I**  
**Inventory Spreadsheet of Haverhill Open Space Lands**

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Open Space ID	Open Space Name	Open Space Also Known As	Open Space ROW	Open Space Address	Open Space Owner's Name	Open Space Owner Type	General Use & Recreation Potential	Open Space Grant Program	GIS_ID	Tax_ID	Public Access	Degree of Open Space Protection	Zoning
OS-0001-01	Winnekenni Park Conservation Area	Winnekenni Castle	KENOZA AVE	259 KENOZA AVE	City Of Haverhill	Mun	Multi (tennis) / Passive		465-1-1	465-1-1	Yes	Drinking Water	SC
OS-0001-02	Winnekenni Park Conservation Area	Water Treatment Plant	AMESBURY RD	131 AMESBURY RD	City Of Haverhill	Mun	Waterworks / Passive trail		465-2-1	465-2-1	Ltd	Drinking Water	SC
OS-0001-03	Winnekenni Park Conservation Area	Isaac Merrill Trail Head	KENOZA ST	980 KENOZA ST	City Of Haverhill	Mun	Parking / Passive		465-2-1A	465-2-1A	Yes	Drinking Water	SC
OS-0001-04	Winnekenni Park Conservation Area	Kenoza Lake	KENOZA ST		City Of Haverhill	Mun	Passive / Passive		466-185-14	466-185-14	Yes	Drinking Water	SC
OS-0001-05	Winnekenni Park Conservation Area	Kenoza Lake	KENOZA ST		City Of Haverhill	Mun	Passive / Passive		466-185-14	466-185-14	Yes	Drinking Water	SC
OS-0001-06	Winnekenni Park Conservation Area	Kenoza Lake	KENOZA ST		City Of Haverhill	Mun	Passive / Passive		459-2-13A	459-2-13A	Yes	Drinking Water	SC
OS-0001-07	Winnekenni Park Conservation Area	Kenoza Lake	KENOZA ST		City Of Haverhill	Mun	Passive / Passive		466-185-16	466-185-16	Yes	Drinking Water	SC
OS-0001-08	Winnekenni Park Conservation Area	Kenoza Lake	KENOZA ST		City Of Haverhill	Mun	Passive / Passive		466-185-16	466-185-16	Yes	Drinking Water	SC/RR
OS-0001-09	Winnekenni Park Conservation Area	Kenoza Lake	KENOZA ST		City Of Haverhill	Mun	Passive / Passive		466-185-16	466-185-16	Yes	Drinking Water	SC
OS-0001-10	Winnekenni Park Conservation Area	Kenoza Lake	KENOZA ST		City Of Haverhill	Mun	Passive / Passive		466-185-16	466-185-16	Yes	Drinking Water	SC/RR
OS-0001-11	Winnekenni Park Conservation Area	Kenoza Lake	KENOZA ST		City Of Haverhill	Mun	Passive / Passive		466-185-16	466-185-16	Yes	Drinking Water	SC/RR
OS-0001-12	Winnekenni Park Conservation Area	Kenoza Lake	KENOZA ST		City Of Haverhill	Mun	Passive / Passive		466-185-16	466-185-16	Yes	Drinking Water	SC
OS-0001-13	Winnekenni Park Conservation Area	Kenoza Lake	KENOZA ST		City Of Haverhill	Mun	Passive / Passive		466-185-16	466-185-16	Yes	Drinking Water	SC/RR
OS-0001-14	Winnekenni Park Conservation Area	Kenoza Lake	KENOZA ST		City Of Haverhill	Mun	Passive / Passive		466-185-16	466-185-16	Yes	Drinking Water	SC
OS-0001-15	Winnekenni Park Conservation Area	Kenoza Lake	KENOZA ST		City Of Haverhill	Mun	Passive / Passive		466-185-16	466-185-16	Yes	Drinking Water	SC
OS-0001-16	Winnekenni Park Conservation Area	Kenoza Lake	KENOZA ST		City Of Haverhill	Mun	Passive / Passive		466-185-16	466-185-16	Yes	Drinking Water	SC/RR
OS-0001-17	Winnekenni Park Conservation Area	Kenoza Lake	KENOZA ST		City Of Haverhill	Mun	Passive / Passive		467-185-30	467-185-30	Yes	Drinking Water	SC/RR
OS-0001-18	Winnekenni Park Conservation Area	Kenoza Lake	KENOZA ST		City Of Haverhill	Mun	Passive / Passive		467-185-24	467-185-24	Yes	Drinking Water	RR
OS-0001-19	Winnekenni Park Conservation Area	Kenoza Lake	KENOZA ST		City Of Haverhill	Mun	Passive / Passive		467-185-30	467-185-30	Yes	Drinking Water	SC/RR

Open Space ID	Open Space Name	Open Space Also Known As	Open Space ROW	Open Space Address	Open Space Owner's Name	Open Space Owner Type	General Use & Recreation Potential	Open Space Grant Program	GIS_ID	Tax_ID	Public Access	Degree of Open Space Protection	Zoning
OS-0001-20	Winnekenni Park Conservation Area	Kenoza Lake	KENOZA ST		City Of Haverhill	Mun	Passive / Passive		467-185-30	467-185-30	Yes	Drinking Water	SC
OS-0001-21	Winnekenni Park Conservation Area	Kenoza Lake	KENOZA ST		City Of Haverhill	Mun	Passive / Passive		467-185-30	467-185-30	Yes	Drinking Water	SC
OS-0001-24	Winnekenni Park Conservation Area	Lake Saltonstall / Plug Pond	WESTLAND TER		City Of Haverhill	Mun	Passive / Passive		468-185-54	468-185-54	Yes	Drinking Water	SC
OS-0002-01	Lake Pentucket Conservation Area	Round Pond	STANLEY DR		City Of Haverhill	Mun	Passive / Passive		669-589-4	669-589-4	Yes	Drinking Water	RM
OS-0002-02	Lake Pentucket Conservation Area	Round Pond	STANLEY DR		City Of Haverhill	Mun	Parking, fishing, boat access/existing	Public Access Board	659-600-29	659-600-29	Yes	Drinking Water	RH
OS-0002-03	Lake Pentucket Conservation Area	Round Pond	STANLEY DR		City Of Haverhill	Mun	Fishing / existing	Public Access Board	659-600-29	659-600-29	Yes	Drinking Water	RH
OS-0002-04	Lake Pentucket Conservation Area	Fred DeBartolomeo Park	LAWRENCE ST		City Of Haverhill	Mun	Park, fishing, trails / existing		659-600-28	659-600-28	Yes	Drinking Water	SC
OS-0002-05	Lake Pentucket Conservation Area	Pentucket Lake Elementary School	CONCORD ST	252 CONCORD ST	City Of Haverhill	Mun	School, ballfields, trails / existing		667-4-1	667-4-1	Ltd	Drinking Water	SC
OS-0002-06	Lake Pentucket Conservation Area	Pentucket Lake Elementary School	CONCORD ST	252 CONCORD ST	City Of Haverhill	Mun	School, ballfields, trails / existing		667-4-1	667-4-1	Ltd	Drinking Water	SC
OS-0002-07	Lake Pentucket Conservation Area	Round Pond	CONCORD ST	252 CONCORD ST	City Of Haverhill	Mun	Park, fishing, pond access / existing		667-4-1	667-4-1	Yes	Drinking Water	SC
OS-0002-08	Lake Pentucket Conservation Area	Round Pond	CONCORD ST		City Of Haverhill	Mun	Fishing/ existing		669-589-2	669-589-2	Yes	Drinking Water	RM
OS-0002-09	Lake Pentucket Conservation Area	Round Pond	CONCORD ST		City Of Haverhill	Mun	Parking, fishing, pond access/existing		669-589-4	669-589-4	Yes	Drinking Water	RM
OS-0003-01	Tattersall Farm		SARAH J CIR		City Of Haverhill	Mun	Passive / Passive		571-19-24	571-19-24	Yes	Deed Restriction	RM
OS-0003-02	Tattersall Farm		NORTH BROADWAY	542 NORTH BROADWAY	City Of Haverhill	Mun	Farm / Passive	PARC	571-2-53	571-2-53	Yes	Article 97	RR
OS-0003-03	Tattersall Farm		NORTH BROADWAY		City Of Haverhill	Mun	Farm / Passive	PARC	548-1-1	548-1-1	Yes	Article 97	RR
OS-0004-01	John's Woods at Tattersall Farm	Chase Place	NORTH BROADWAY	755 NORTH BROADWAY	City Of Haverhill	Mun	Farm / Passive		575-1-3	575-1-3	Yes	Deed	RR
OS-0005-01	Meadow Brook Conservation Area	Millvale Reservoir	MILLVALE RD	183 MILLVALE RD	City Of Haverhill	Mun	Reservoir, trails / Passive		461-1-5	461-1-5	Yes	Drinking Water	SC
OS-0005-02	Meadow Brook Conservation Area		THOMPSON RD		City Of Haverhill	Mun	Passive / Passive		459-3-10	459-3-10	Yes	Drinking Water	SC

Open Space ID	Open Space Name	Open Space Also Known As	Open Space ROW	Open Space Address	Open Space Owner's Name	Open Space Owner Type	General Use & Recreation Potential	Open Space Grant Program	GIS_ID	Tax_ID	Public Access	Degree of Open Space Protection	Zoning
OS-0005-03	Meadow Brook Conservation Area	East Meadow River	THOMPSON RD		City Of Haverhill	Mun	Passive / Passive		459-3-9	459-3-9	Yes	Drinking Water	SC
OS-0005-04	Meadow Brook Conservation Area	East Meadow River	THOMPSON RD		City Of Haverhill	Mun	Passive / Passive		459-3-10	459-3-10	Yes	Drinking Water	SC
OS-0005-05	Meadow Brook Conservation Area	East Meadow River	THOMPSON RD		City Of Haverhill	Mun	Passive / Passive		459-3-8	459-3-8	Yes	Drinking Water	SC
OS-0005-06	Meadow Brook Conservation Area	East Meadow River	THOMPSON RD		City Of Haverhill	Mun	Passive / Passive		461-2-2	461-2-2	Yes	Drinking Water	SC
OS-0005-07	Meadow Brook Conservation Area	East Meadow River	COUNTRY BRIDGE RD		City Of Haverhill	Mun	Passive / Passive		459-3-10	459-3-10	Yes	Drinking Water	SC
OS-0005-08	Meadow Brook Conservation Area	East Meadow River	THOMPSON RD		City Of Haverhill	Mun	Passive / Passive		459-3-7	459-3-7	Yes	Drinking Water	SC
OS-0005-09	Meadow Brook Conservation Area	East Meadow River	COUNTRY BRIDGE RD		City Of Haverhill	Mun	Passive / Passive		459-3-6	459-3-6	Yes	Drinking Water	SC
OS-0005-10	Meadow Brook Conservation Area	East Meadow River	COUNTRY BRIDGE RD		City Of Haverhill	Mun	Passive / Passive		460-2-6	460-2-6	Yes	Drinking Water	SC
OS-0005-11	Meadow Brook Conservation Area	East Meadow River	COUNTRY BRIDGE RD		City Of Haverhill	Mun	Passive / Passive		460-2-5	460-2-5	Yes	Drinking Water	SC
OS-0005-12	Meadow Brook Conservation Area	East Meadow River	COUNTRY BRIDGE RD		City Of Haverhill	Mun	Passive / Passive		460-2-4	460-2-4	Yes	Drinking Water	SC
OS-0005-13	Meadow Brook Conservation Area	East Meadow River	COUNTRY BRIDGE RD		City Of Haverhill	Mun	Passive / Passive		459-3-4	459-3-4	Yes	Drinking Water	SC
OS-0005-14	Meadow Brook Conservation Area	East Meadow River	COUNTRY BRIDGE RD		City Of Haverhill	Mun	Passive / Passive		459-3-3	459-3-3	Yes	Drinking Water	SC
OS-0005-15	Meadow Brook Conservation Area	East Meadow River	COUNTRY BRIDGE RD		City Of Haverhill	Mun	Passive / Passive		460-2-1	460-2-1	Yes	Drinking Water	SC
OS-0005-16	Meadow Brook Conservation Area		COUNTRY BRIDGE RD		City Of Haverhill	Mun	Passive / Passive		460-2-2	460-2-2	Yes	Drinking Water	SC
OS-0005-17	Meadow Brook Conservation Area		COUNTRY BRIDGE RD		City Of Haverhill	Mun	Passive / Passive		460-2-7	460-2-7	Yes	Drinking Water	SC
OS-0005-18	Meadow Brook Conservation Area		COUNTRY BRIDGE RD		City Of Haverhill	Mun	Passive / Passive		460-2-14	460-2-14	Yes	Drinking Water	SC
OS-0005-19	Meadow Brook Conservation Area		COUNTRY BRIDGE RD		City Of Haverhill	Mun	Passive / Passive		460-2-10	460-2-10	Yes	Drinking Water	SC
OS-0006-01	Clement Farm Conservation Area	Legion Field	MAIN ST	1314 MAIN ST	City Of Haverhill	Mun	Softball, discgolf, forestry/ exist.		654-608-2	654-608-2	Yes	Deed	SC/RM
OS-0007-01	Plug Pond Conservation Area	Lake Saltonstall / Plug Pond	SANDERS RD		City Of Haverhill	Mun	Swimming, boating, fishing,	Public Access	409-1A-1	409-1A-1	Yes	Article 97	SC/RM

Open Space ID	Open Space Name	Open Space Also Known As	Open Space ROW	Open Space Address	Open Space Owner's Name	Open Space Owner Type	General Use & Recreation Potential	Open Space Grant Program	GIS_ID	Tax_ID	Public Access	Degree of Open Space Protection	Zoning
							trails, parking / existing	Board					
OS-0007-02	Plug Pond Conservation Area	Birchbrow Estate at Lake Saltonstall	SANDERS RD		City Of Haverhill	Mun	Fishing, trails / Passive		468-185-52	468-185-52	Yes	Deed	SC
OS-0007-03	Plug Pond Conservation Area	Mill St Boat Ramp at Lake Saltonstall	MILL ST		City Of Haverhill	Mun	Park, boat access, fishing / Existing		448-4-9	448-4-9	Yes	Article 97	RM
OS-0007-04	Plug Pond Conservation Area	Lake Saltonstall / Plug Pond	SANDERS RD		City Of Haverhill	Mun	Fishing / Existing		446-2-15	446-2-15	Yes	UK	SC
OS-0007-05	Plug Pond Conservation Area		BELVIDERE HEIGHTS DR		City Of Haverhill	Mun	Wood / trail		409-116-38	409-116-38	Yes	UK	RM
OS-0008-01	Upper East Meadow River		WHITTIER RD		City Of Haverhill	Mun	Open Space / Forestry		440-2-1A	440-2-1A	Yes	Drinking Water	SC
OS-0008-02	Upper East Meadow River		ATWOOD RD		City Of Haverhill	Mun	Open Space / Forestry		433-1-55	433-1-55	Yes	Drinking Water	SC
OS-0008-03	Upper East Meadow River		HOMESTEAD ST		City Of Haverhill	Mun	Open Space / Forestry		464-2-3	464-2-3	Yes	Drinking Water	SC
OS-0008-04	Upper East Meadow River		CORLISS HILL RD		City Of Haverhill	Mun	Open Space / Forestry		462-204-59	462-204-59	Yes	Drinking Water	SC
OS-0008-05	Upper East Meadow River		HOMESTEAD ST		City Of Haverhill	Mun	Open Space / Forestry		464-2-4	464-2-4	Yes	Drinking Water	SC
OS-0008-06	Upper East Meadow River		HOMESTEAD ST		City Of Haverhill	Mun	Open Space / Forestry		464-2-4	464-2-4	Yes	Drinking Water	SC
OS-0008-07	Upper East Meadow River		HOMESTEAD ST		City Of Haverhill	Mun	Open Space / Forestry		464-2-4	464-2-4	Yes	Drinking Water	SC
OS-0008-08	Upper East Meadow River		BRANDY BROW RD		City Of Haverhill	Mun	Open Space / Forestry		462-204-31	462-204-31	Yes	Drinking Water	SC
OS-0008-09	Upper East Meadow River		CORLISS HILL RD		City Of Haverhill	Mun	Open Space / Forestry		462-204-62	462-204-62	Yes	Drinking Water	SC
OS-0008-10	Upper East Meadow River		BRANDY BROW RD		City Of Haverhill	Mun	Open Space / Forestry		462-204-25	462-204-25	Yes	Drinking Water	SC
OS-0008-11	Upper East Meadow River		BRANDY BROW RD		City Of Haverhill	Mun	Open Space / Forestry		462-204-28	462-204-28	Yes	Drinking Water	SC
OS-0008-12	Upper East Meadow River		BRANDY BROW RD		City Of Haverhill	Mun	Open Space / Forestry		462-204-20	462-204-20	Yes	Drinking Water	SC
OS-0008-13	Upper East Meadow River		CORLISS HILL RD		City Of Haverhill	Mun	Open Space / Forestry		462-204-62	462-204-62	Yes	Drinking Water	SC
OS-0008-14	Upper East Meadow River		CORLISS HILL RD		City Of Haverhill	Mun	Open Space / Forestry		462-204-62	462-204-62	Yes	Drinking Water	SC

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OS-0008-15	Upper East Meadow River		BRANDY BROW RD		City Of Haverhill	Mun	Open Space / Forestry		462-204-7	462-204-7	Yes	Drinking Water	SC
OS-0008-16	Upper East Meadow River		BRANDY BROW RD		City Of Haverhill	Mun	Open Space / Forestry		462-204-11	462-204-11	Yes	Drinking Water	SC
OS-0008-17	Upper East Meadow River		BRANDY BROW RD		City Of Haverhill	Mun	Open Space / Forestry		462-204-11	462-204-11	Yes	Drinking Water	SC
OS-0008-18	Upper East Meadow River		BRANDY BROW RD		City Of Haverhill	Mun	Open Space / Forestry		462-204-16	462-204-16	Yes	Drinking Water	SC
OS-0008-19	Upper East Meadow River		BRANDY BROW RD		City Of Haverhill	Mun	Open Space / Forestry		462-204-66	462-204-66	Yes	Drinking Water	SC
OS-0008-20	Upper East Meadow River		BRANDY BROW RD		City Of Haverhill	Mun	Open Space / Forestry		462-204-3	462-204-3	Yes	Drinking Water	SC
OS-0008-21	Upper East Meadow River		BRANDY BROW RD		City Of Haverhill	Mun	Open Space / Forestry		462-204-66	462-204-66	Yes	Drinking Water	SC
OS-0008-22	Upper East Meadow River		BRANDY BROW RD		City Of Haverhill	Mun	Open Space / Forestry		462-204-66	462-204-66	Yes	Drinking Water	SC
OS-0008-23	Upper East Meadow River		BRANDY BROW RD		City Of Haverhill	Mun	Open Space / Forestry		462-204-6	462-204-6	Yes	Drinking Water	SC
OS-0008-24	Upper East Meadow River		BRANDY BROW RD		City Of Haverhill	Mun	Open Space / Forestry		462-204-69	462-204-69	Yes	Drinking Water	SC
OS-0008-25	Upper East Meadow River		BRANDY BROW RD		City Of Haverhill	Mun	Open Space / Forestry		462-204-4	462-204-4	Yes	Drinking Water	SC
OS-0008-26	Upper East Meadow River		BRANDY BROW RD		City Of Haverhill	Mun	Open Space / Forestry		462-204-70	462-204-70	Yes	Drinking Water	SC
OS-0008-27	Upper East Meadow River		BRANDY BROW RD		City Of Haverhill	Mun	Open Space / Forestry		462-204-11	462-204-11	Yes	Drinking Water	SC
OS-0008-28	Upper East Meadow River		BRANDY BROW RD		City Of Haverhill	Mun	Open Space / Forestry		462-204-11	462-204-11	Yes	Drinking Water	SC
OS-0008-29	Upper East Meadow River		BRANDY BROW RD		City Of Haverhill	Mun	Open Space / Forestry		462-204-30	462-204-30	Yes	Drinking Water	SC
OS-0008-30	Upper East Meadow River		ATWOOD RD		City Of Haverhill	Mun	Open Space / Forestry		433-1-60	433-1-60	Yes	Drinking Water	SC
OS-0008-31	Upper East Meadow River		ATWOOD RD		City Of Haverhill	Mun	Open Space / Forestry		433-1-60	433-1-60	Yes	Drinking Water	SC
OS-0009-01	Brandy Brow Forest		BRANDY BROW RD		City Of Haverhill	Mun	Open Space / Forestry		462-203-1	462-203-1	Yes	Drinking Water	SC
OS-0009-02	Brandy Brow Forest		BRANDY BROW RD		City Of Haverhill	Mun	Open Space / Forestry		462-203-1	462-203-1	Yes	Drinking Water	SC

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OS-0009-03	Brandy Brow Forest		BRANDY BROW RD		City Of Haverhill	Mun	Open Space / Forestry		462-203-1	462-203-1	Yes	Drinking Water	SC
OS-0009-04	Brandy Brow Forest		BRANDY BROW RD		City Of Haverhill	Mun	Open Space / Forestry		462-203-10	462-203-10	Yes	Drinking Water	SC
OS-0009-05	Brandy Brow Forest		BRANDY BROW RD		City Of Haverhill	Mun	Open Space / Forestry		462-203-29	462-203-29	Yes	Drinking Water	SC
OS-0009-06	Brandy Brow Forest		BRANDY BROW RD		City Of Haverhill	Mun	Open Space / Forestry		462-203-29	462-203-29	Yes	Drinking Water	SC
OS-0009-07	Brandy Brow Forest		BRANDY BROW RD		City Of Haverhill	Mun	Open Space / Forestry		462-203-29	462-203-29	Yes	Drinking Water	SC
OS-0009-08	Brandy Brow Forest		BRANDY BROW RD		City Of Haverhill	Mun	Open Space / Forestry		462-203-26	462-203-26	Yes	Drinking Water	SC
OS-0009-09	Brandy Brow Forest		BRANDY BROW RD		City Of Haverhill	Mun	Open Space / Forestry		462-203-24	462-203-24	Yes	Drinking Water	SC
OS-0009-10	Brandy Brow Forest		BRANDY BROW RD		City Of Haverhill	Mun	Open Space / Forestry		462-203-17	462-203-17	Yes	Drinking Water	SC
OS-0009-11	Brandy Brow Forest		BRANDY BROW RD		City Of Haverhill	Mun	Open Space / Forestry		462-203-9	462-203-9	Yes	Drinking Water	SC
OS-0009-12	Brandy Brow Forest		BRANDY BROW RD		City Of Haverhill	Mun	Open Space / Forestry		462-203-24	462-203-24	Yes	Drinking Water	SC
OS-0009-13	Brandy Brow Forest		BRANDY BROW RD		City Of Haverhill	Mun	Open Space / Forestry		462-203-17	462-203-17	Yes	Drinking Water	SC
OS-0009-14	Brandy Brow Forest		BRANDY BROW RD		City Of Haverhill	Mun	Open Space / Forestry		462-203-9	462-203-9	Yes	Drinking Water	SC
OS-0009-15	Brandy Brow Forest		BRANDY BROW RD		City Of Haverhill	Mun	Open Space / Forestry		462-203-9	462-203-9	Yes	Drinking Water	SC
OS-0009-16	Brandy Brow Forest		BRANDY BROW RD		City Of Haverhill	Mun	Open Space / Forestry		462-203-27	462-203-27	Yes	Drinking Water	SC
OS-0009-17	Brandy Brow Forest		BRANDY BROW RD		City Of Haverhill	Mun	Open Space / Forestry		462-203-7	462-203-7	Yes	Drinking Water	SC
OS-0009-18	Brandy Brow Forest		BRANDY BROW RD		City Of Haverhill	Mun	Open Space / Forestry		462-203-13	462-203-13	Yes	Drinking Water	SC
OS-0009-19	Brandy Brow Forest		BRANDY BROW RD		City Of Haverhill	Mun	Open Space / Forestry		462-203-4	462-203-4	Yes	Drinking Water	SC
OS-0009-20	Brandy Brow Forest		BRANDY BROW RD		City Of Haverhill	Mun	Open Space / Forestry		462-203-21	462-203-21	Yes	Drinking Water	SC
OS-0009-21	Brandy Brow Forest		BRANDY BROW RD		City Of Haverhill	Mun	Open Space / Forestry		462-203-21	462-203-21	Yes	Drinking Water	SC

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OS-0009-22	Brandy Brow Forest		BRANDY BROW RD		City Of Haverhill	Mun	Open Space / Forestry		462-203-22	462-203-22	Yes	Drinking Water	SC
OS-0009-23	Brandy Brow Forest		BRANDY BROW RD		City Of Haverhill	Mun	Open Space / Forestry		462-203-2	462-203-2	Yes	Drinking Water	SC
OS-0009-24	Brandy Brow Forest		BRANDY BROW RD		City Of Haverhill	Mun	Open Space / Forestry		462-203-24	462-203-24	Yes	Drinking Water	SC
OS-0010-01	Kingsbury/Chadwick Area	Chadwick Pond	KINGSBURY AVE		City Of Haverhill	Mun	WSP / Passive		768-793-37	768-793-37	Yes	Drinking Water	SC
OS-0010-02	Kingsbury/Chadwick Area	Chadwick Pond	KINGSBURY AVE		City Of Haverhill	Mun	WSP / Passive		768-793-37	768-793-37	Yes	Drinking Water	SC
OS-0010-03	Kingsbury/Chadwick Area	Chadwick Pond	KINGSBURY AVE		City Of Haverhill	Mun	WSP / Passive		768-793-37	768-793-37	Yes	Drinking Water	SC
OS-0010-04	Kingsbury/Chadwick Area	Chadwick Pond	KINGSBURY AVE		City Of Haverhill	Mun	WSP / Passive		768-793-38	768-793-38	Yes	Drinking Water	SC
OS-0010-05	Kingsbury/Chadwick Area	Chadwick Pond	KINGSBURY AVE		City Of Haverhill	Mun	WSP / Passive		768-793-38	768-793-38	Yes	Drinking Water	SC
OS-0010-06	Kingsbury/Chadwick Area	Chadwick Pond	KINGSBURY AVE		City Of Haverhill	Mun	WSP / Passive		768-793-39	768-793-39	Yes	Drinking Water	SC
OS-0010-07	Kingsbury/Chadwick Area	Chadwick Pond	KINGSBURY AVE		City Of Haverhill	Mun	WSP / Passive, pond access		772-793-40	772-793-40	Yes	Drinking Water	SC
OS-0011-01	Wheeler Woods Conservation Area	Chadwick Pond	BOXFORD RD		City Of Haverhill	Mun	Trails, parking, fishing/existing	Self-Help	773-793-8	773-793-8	Yes	Article 97	SC
OS-0011-02	Wheeler Woods Conservation Area	Chadwick Pond	BOXFORD RD		City Of Haverhill	Mun	Open space / existing	Self-Help	773-793-16	773-793-16	Yes	Article 97	SC
OS-0011-03	Wheeler Woods Conservation Area	Chadwick Pond	BOXFORD RD		City Of Haverhill	Mun	Water supply Dam, Wetland / Existing	Self-Help	773-793-16	773-793-16	Yes	Article 97	SC
OS-0012-01	Dondero Farm	Chadwick Pond	BARKER ST		City Of Haverhill	Mun	Farm / Passive		773-792-1	773-792-1	Yes	Deed - Farming	SC
OS-0013-01	Crystal Point Conservation Area	Crystal Lake	CRYSTAL ST		City Of Haverhill	Mun	Passive, fishing / Existing		576-435-19	576-435-19	Yes	Drinking Water	SC
OS-00132-01			EAST BROADWAY		323 East Broadway Nominee Trust	LT	Ag / No		469-188-8	469-188-8	No	CH61A	SC
OS-00132-02			EAST BROADWAY	323 EAST BROADWAY	323 East Broadway Nominee Trust	LT	Ag / No		469-188-8	469-188-8	No	CH61A	SC
OS-00132-03			EAST BROADWAY		323 East Broadway Nominee Trust	LT	Ag / No		469-188-7	469-188-7	No	CH61A	SC

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OS-0014-01	Mayflower/Crystal Area	Crystal Lake	MAYFLOWER LN		City Of Haverhill	Mun	WSP / Passive		575-2-10A	575-2-10A	Yes	Drinking Water	SC
OS-0015-01	Lake/Crystal Area	Crystal Lake	LAKE ST		City Of Haverhill	Mun	WSP, forestry / existing, passive		571-1-17	571-1-17	Yes	Drinking Water	SC
OS-0015-02	Lake/Crystal Area	Crystal Lake	LAKE ST		City Of Haverhill	Mun	WSP / Passive, lake access		571-1-17	571-1-17	Yes	Drinking Water	SC
OS-0015-03	Lake/Crystal Area	Crystal Lake	LAKE ST		City Of Haverhill	Mun	WSP, Dam, passive/ existing		571-1-17	571-1-17	Yes	Drinking Water	SC
OS-0015-04	Lake/Crystal Area	Crystal Lake	LAKE ST		City Of Haverhill	Mun	WSP / existing		571-1-15	571-1-15	Yes	Drinking Water	SC
OS-0015-05	Lake/Crystal Area	Crystal Lake	FIRESIDE LN		City Of Haverhill	Mun	WSP, passive / existing		571-5-6	571-5-6	Yes	Drinking Water	SC
OS-0015-06	Lake/Crystal Area	Crystal Lake	SILVER BIRCH LN		City Of Haverhill	Mun	WSP, passive / existing		574-1-7	574-1-7	Yes	Drinking Water	SC
OS-0015-07	Lake/Crystal Area	Crystal Lake	KRISTINE LN		City Of Haverhill	Mun	WSP, passive / existing		574-1-7	574-1-7	Yes	Drinking Water	SC
OS-0015-08	Lake/Crystal Area	Crystal Lake	PUMP HOUSE RD		City Of Haverhill	Mun	WSP, pumphouse, passive/ existing		574-1-15	574-1-15	Yes	Drinking Water	SC
OS-0015-09	Lake/Crystal Area	Crystal Lake	PUMP HOUSE RD		City Of Haverhill	Mun	WSP, passive / existing		574-1-17	574-1-17	Yes	Drinking Water	SC
OS-0015-10	Lake/Crystal Area	Crystal Lake	FRONT NINE DR		City Of Haverhill	Mun	WSP, passive / existing		575-2-8A	575-2-8A	Yes	Drinking Water	SC
OS-0016-01	Crystal Shores Conservation Area	Crystal Lake	LIBERTY ST		City Of Haverhill	Mun	Passive, fishing, trails / existing		567-1-6	567-1-6	Yes	Drinking Water	SC
OS-0016-02	Crystal Shores Conservation Area	Crystal Lake	LIBERTY ST		City Of Haverhill	Mun	Passive, fishing, trails / existing		567-1-3	567-1-3	Yes	Drinking Water	SC
OS-0016-03	Crystal Shores Conservation Area	Crystal Lake	LIBERTY ST		City Of Haverhill	Mun	Passive, fishing, trails / existing		567-1-7	567-1-7	Yes	Drinking Water	SC
OS-0016-04	Crystal Shores Conservation Area	Crystal Lake	CRYSTAL ST		City Of Haverhill	Mun	Passive, fishing, trails / existing		576-435-16	576-435-16	Yes	Drinking Water	SC
OS-0017-01	Crystal Gorge Conservation Area		CRYSTAL ST		City Of Haverhill	Mun	Passive, trails / existing		576-436-24	576-436-24	Yes	Drinking Water	SC
OS-0017-02	Crystal Gorge Conservation Area		CRYSTAL ST		City Of Haverhill	Mun	Passive, trails / existing	Self-Help	576-436-6	576-436-6	Yes	Article 97	SC
OS-0017-03	Crystal Gorge Conservation Area		CRYSTAL ST		City Of Haverhill	Mun	Passive, trails / existing		573-2-5	573-2-5	Yes	Drinking Water	SC
OS-0017-04	Crystal Gorge Conservation Area		CRYSTAL ST		City Of Haverhill	Mun	Passive, trails / existing	Self-Help	576-436-8	576-436-8	Yes	Article 97	SC
OS-0018-01	John Greenleaf Whittier's Bithplace	Whittier's House & Graveyard	WHITTIER RD	305 WHITTIER RD	John Greenleaf Whittier Trustee	PNp	Historic Site, trails / existing		440-1-1	440-1-1	Yes	Deed	SC

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OS-0018-02	John Greenleaf Whittier's Bithplace		WHITTIER RD	302 WHITTIER RD	John Greenleaf Whittier Trustees	PNp	Historic Site, Farm / existing		440-1-3	440-1-3	Yes	Deed	SC
OS-0018-03	John Greenleaf Whittier's Bithplace		WHITTIER RD	302 WHITTIER RD	John Greenleaf Whittier Trustees	PNp	Historic Site, trails / existing		440-1-3	440-1-3	Yes	Deed	SC
OS-0018-04	John Greenleaf Whittier's Bithplace	Whittier's Barn	WHITTIER RD	302 WHITTIER RD	John Greenleaf Whittier Trustees	PNp	Historic Site, trails / existing		440-1-3	440-1-3	Yes	Deed	SC
OS-0018-05	John Greenleaf Whittier's Bithplace		MIDDLE RD		John Greenleaf Whittier Trustees	PNp	Open Space / existing		440-1-1	440-1-1	Yes	Deed	SC
OS-0018-06	John Greenleaf Whittier's Bithplace		MIDDLE RD		John Greenleaf Whittier Trustees	PNp	Open Space / existing		440-1-1	440-1-1	Yes	Deed	SC
OS-0019-01	Riverside Park	Haverhill Stadium	NETTLETON AVE	20 NETTLETON AVE	City Of Haverhill	Mun	Stadium facility / existing		408-2-1	408-2-1	Yes		SC
OS-0019-02	Riverside Park		LINCOLN AVE		City Of Haverhill	Mun	Active rec / existing	LWCF	408-2-2	408-2-2	Yes	Article 97	SC
OS-0019-03	Riverside Park		LINCOLN AVE		City Of Haverhill	Mun	Active rec / existing	LWCF	408-2-3	408-2-3	Yes	Article 97	SC
OS-0019-04	Riverside Park	Riverside Trail	NETTLETON AVE		City Of Haverhill	Mun	Active rec, trail / existing	LWCF	408-2-4	408-2-4	Yes	Article 97	SC
OS-0020-01	Theresa Bauman Park		LINCOLN AVE		City Of Haverhill	Mun	Urban Park/ existng		442-4-5A	442-4-5A	Yes	UK	RH
OS-0021-01	Dead Hill Reservoir		SOUTH CROSS RD		City Of Haverhill	Mun	WSP, open space/ forestry, passive		775-791-9	775-791-9	Yes	Drinking Water	SC
OS-0021-02	Dead Hill Reservoir		SOUTH CROSS RD		City Of Haverhill	Mun	WSP, open space/ forestry, passive		775-791-9	775-791-9	Yes	Drinking Water	SC
OS-0021-03	Dead Hill Reservoir		SOUTH CROSS RD		City Of Haverhill	Mun	WSP, open space/ forestry, passive		775-791-9	775-791-9	Yes	Drinking Water	SC
OS-0021-04	Dead Hill Reservoir		SOUTH CROSS RD		Essex County Greenbelt Association	PNp	WSP, open space/ forestry, passive		775-791-11	775-791-11	Yes	Land Trust	SC
OS-0021-05	Dead Hill Reservoir		SOUTH CROSS RD		City Of Haverhill	Mun	WSP, open space/ forestry, passive		775-791-9	775-791-9	Yes	Drinking Water	SC
OS-0021-06	Dead Hill Reservoir		SOUTH CROSS RD		City Of Haverhill	Mun	WSP, open space/ forestry, passive		775-791-9	775-791-9	Yes	Drinking Water	SC
OS-0021-07	Dead Hill Reservoir		SOUTH CROSS RD		City Of Haverhill	Mun	WSP, open space/ forestry, passive		775-791-11B	775-791-11B	Yes	Drinking Water	SC

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OS-0022-01	Gale Park		KENOZA AVE		City Of Haverhill	Mun	Urban Park/ existing		407-105-1	407-105-1	Yes	UK	RH
OS-0023-01	Gale Hill Reservior		LONGVIEW ST	85 LONGVIEW ST	City Of Haverhill	Mun	Water supply/ forestry, passive		659-600-25	659-600-25	Yes	Drinking Water	RM
OS-0023-02	Gale Hill Reservior		TAMARAC DR		City Of Haverhill	Mun	Open space from cluster subdivision / passive		674-601-1	674-601-1	Yes	Deed	RM
OS-0024-01	Tilton Swamp		AMESBURY RD		Essex County Greenbelt Association	PNp	Wet / Passive		465-3-2	465-3-2	Yes	Land Trust	SC
OS-0024-02	Tilton Swamp		AMESBURY RD		City Of Haverhill	Mun	Wet/Passive		465-3-15	465-3-15	Yes	UK	SC
OS-0024-03	Tilton Swamp		AMESBURY RD		City Of Haverhill	Mun	Wet/Passive		465-3-12	465-3-12	Yes	UK	SC
OS-0024-04	Tilton Swamp		AMESBURY RD		City Of Haverhill	Mun	Wet/Passive		465-3-19	465-3-19	Yes	UK	SC
OS-0024-05	Tilton Swamp		AMESBURY RD		City Of Haverhill	Mun	Wet/Passive		465-3-21	465-3-21	Yes	UK	SC
OS-0024-06	Tilton Swamp		AMESBURY RD		City Of Haverhill	Mun	Wet/Passive		465-3-21	465-3-21	Yes	UK	SC
OS-0024-07	Tilton Swamp		AMESBURY RD		City Of Haverhill	Mun	Wet/Passive		465-3-21	465-3-21	Yes	UK	SC
OS-0024-08	Tilton Swamp		AMESBURY RD		City Of Haverhill	Mun	Wet/Passive		465-3-21	465-3-21	Yes	UK	SC
OS-0024-09	Tilton Swamp		AMESBURY RD		City Of Haverhill	Mun	Wet/Passive		465-3-21	465-3-21	Yes	UK	SC
OS-0024-11	Tilton Swamp		NEWTON RD		City Of Haverhill	Mun	Wet/Passive		671-602-2F	671-602-2F	Yes	UK	SC
OS-0025-01	GAR Park	Grand Army of the Revolution Park	MAIN ST		City Of Haverhill	Mun	Urban Park, playground/ existing	In Your Backyard	107-4-1	107-4-1	Yes	Article 97	CC
OS-0026-01	Haverhill Public Library		MAIN ST		City Of Haverhill	Mun	War Memorial/ existing		200-1-3A	200-1-3A	Yes	UK	CC
OS-0026-02	Haverhill Public Library		SUMMER ST		City Of Haverhill	Mun	Open space / existing		200-1-1	200-1-1	Yes	UK	CC
OS-0027-01	Cashman's Field		HILLDALE AVE		City Of Haverhill	Mun	Active rec / existing, Little River access	PARC	523-326-1	523-326-1	Yes	Article 97	RH
OS-0028-01	Newcomb Street Yard		NEWCOMB ST		City Of Haverhill	Mun	Parking lot/ existing		202-37-9B	202-37-9B	Yes	UK	RU
OS-0028-02	Newcomb Street Yard		NEWCOMB ST		City Of Haverhill	Mun	Parking lot/ existing		202-37-9A	202-37-9A	Yes	UK	RU
OS-0029-01	New Eng Power Co		FERRY RD		NEPCo	Util	Open space / passive trail		732-774-16	732-774-16	No	WPA	RH
OS-0029-02	New Eng Power Co		CROSS RD		NEPCo	Util	Open space / passive trail		732-773-7A	732-773-7A	No	WPA	RH
OS-0029-03	New Eng Power Co		CROSS RD		NEPCo	Util	Open space / passive trail		732-779-2	732-779-2	No	WPA	RH

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OS-0029-04	New Eng Power Co		CROSS RD		NEPCo	Util	Open space / NA		732-779-2	732-779-2	No	None	RH
OS-0029-05	New Eng Power Co		CROSS RD		NEPCo	Util	Open space / NA		732-779-2	732-779-2	No	None	RH
OS-0029-06	New Eng Power Co		CROSS RD		NEPCo	Util	Open space / NA		732-779-2	732-779-2	No	None	RH
OS-0030-01	Mass. Electric Co		NECK RD		MECo	Util	Open space / NA		766-1-19A	766-1-19A	No	WPA	BP
OS-0031-01	Merrimack River Trail	Mitchell's Falls	RIVER ST		Com. Of MA	MA	River Trail / existing		564-26-1	564-26-1	Yes	WPA	SC
OS-0031-02	Merrimack River Trail	Mitchell's Falls	RIVER ST		Com. Of MA	MA	River Trail / existing		564-26-1	564-26-1	Yes	WPA	SC
OS-0031-03	Merrimack River Trail	Hannah Dustin Trail	RIVER ST		Com. Of MA	MA	River Trail / existing		538-419E-1	538-419E-1	Yes	WPA	SC
OS-0031-04	Merrimack River Trail	Hannah Dustin Trail	RIVER ST		Com. Of MA	MA	River Trail / existing		538-419E-1	538-419E-1	Yes	WPA	SC
OS-0031-05	Merrimack River Trail	Hannah Dustin Trail	RIVER ST		Com. Of MA	MA	River Trail / existing		538-419E-1	538-419E-1	Yes	WPA	SC
OS-0031-06	Merrimack River Trail	Hannah Dustin Trail	RIVER ST		Com. Of MA	MA	River Trail / existing		568-426-210	568-426-210	Yes	WPA	SC
OS-0031-07	Merrimack River Trail	Hannah Dustin Trail	RIVER ST		Com. Of MA	MA	River Trail / existing		568-426-210	568-426-210	Yes	WPA	SC
OS-0031-08	Merrimack River Trail	Hannah Dustin Trail	RIVER ST		Com. Of MA	MA	River Trail / existing		568-426-210	568-426-210	Yes	WPA	SC
OS-0031-09	Merrimack River Trail	Hannah Dustin Trail	RIVER ST		Com. Of MA	MA	River Trail / existing		568-426-210	568-426-210	Yes	WPA	SC
OS-0031-10	Merrimack River Trail	Hannah Dustin Trail	RIVER ST		Com. Of MA	MA	River Trail / existing		568-426-210	568-426-210	Yes	WPA	SC
OS-0031-11	Merrimack River Trail	Hannah Dustin Trail	RIVER ST		Com. Of MA	MA	River Trail / existing		568-426-210	568-426-210	Yes	WPA	SC
OS-0031-12	Merrimack River Trail	Hannah Dustin Trail	RIVER ST		Com. Of MA	MA	River Trail / existing		568-426-210	568-426-210	Yes	WPA	SC
OS-0031-13	Merrimack River Trail	Hannah Dustin Trail	RIVER ST		Com. Of MA	MA	River Trail / existing		568-426-210	568-426-210	Yes	WPA	SC
OS-0031-14	Merrimack River Trail	Hannah Dustin Trail	RIVER ST		Com. Of MA	MA	River Trail / existing		568-426-210	568-426-210	Yes	WPA	SC
OS-0031-15	Merrimack River Trail	Hannah Dustin Trail	RIVER ST		Com. Of MA	MA	River Trail / existing		568-426-210	568-426-210	Yes	WPA	SC

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OS-0031-16	Merrimack River Trail	Hannah Dustin Trail	RIVER ST		Com. Of MA	MA	River Trail / existing		568-426-210	568-426-210	Yes	WPA	SC
OS-0031-17	Merrimack River Trail	Hannah Dustin Trail	RIVER ST		Com. Of MA	MA	River Trail / existing		568-426-210	568-426-210	Yes	WPA	SC
OS-0031-18	Merrimack River Trail	Hannah Dustin Trail	RIVER ST		Com. Of MA	MA	River Trail / existing		568-426-210	568-426-210	Yes	WPA	SC
OS-0031-19	Merrimack River Trail	Hannah Dustin Trail	RIVER ST		Com. Of MA	MA	River Trail / existing		568-426-210	568-426-210	Yes	WPA	SC
OS-0031-20	Merrimack River Trail	Hannah Dustin Trail	RIVER ST		Com. Of MA	MA	River Trail / existing		537-417G-1	537-417G-1	Yes	WPA	SC
OS-0031-21	Merrimack River Trail	Hannah Dustin Trail	WESTERN AVE		Com. Of MA	MA	River Trail / existing		564-26-1	564-26-1	Yes	WPA	SC
OS-0031-22	Merrimack River Trail	Hannah Dustin Trail	WESTERN AVE		Com. Of MA	MA	River Trail / existing		564-26-1	564-26-1	Yes	WPA	SC
OS-0031-23	Merrimack River Trail	Bank Road Trail	BANK RD		Com. Of MA	MA	River Trail / existing		564-26-1	564-26-1	Yes	WPA	SC
OS-0031-24	Merrimack River Trail	Bank Road/River Street Trail	RIVER ST		Com. Of MA	MA	River Trail / existing		564-26-1	564-26-1	Yes	WPA	SC
OS-0031-25	Merrimack River Trail	River Street Trail	RIVER ST		Com. Of MA	MA	River Trail / existing		564-26-1	564-26-1	Yes	WPA	SC
OS-0031-26	Merrimack River Trail	River Street Trail	RIVER ST		Com. Of MA	MA	River Trail / existing		564-26-1	564-26-1	Yes	WPA	SC
OS-0031-27	Merrimack River Trail	River Street Trail	RIVER ST		City Of Haverhill	Mun	River Trail / existing		554-1-3	554-1-3	Yes	WPA	SC
OS-0032-01	Jillian's Village		WEST LOWELL AVE		Torromeo Industries	PFP	Open space from cluster subdivision / Passive		588-422-6	588-422-6	Yes	regulatory	RM
OS-0032-02	Jillian's Village		WEST LOWELL AVE		City Of Haverhill	Mun	Open space /Passive		588-422-6B	588-422-6B	Yes	UK	RM
OS-0036-01	Baypoint Riverfront		AVCO RD		Essex County Greenbelt Association	PFP	Trail, fishing Merrimack / existing		764-1-1-3	764-1-1-3	Yes	Land Trust	BP
OS-0036-02	Baypoint Riverfront		RIVERDALE AVE		Essex County Greenbelt Association	PFP	Trail, fishing Merrimack / existing		745-1-42-10	745-1-42-10	Yes	Land Trust	RH
OS-0037-01	City Landing #4		EAST BROADWAY		City Of Haverhill	Mun	Open space / river access		469-188-11	469-188-11	Yes	UK	SC

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OS-0037-02	Cottle's Creek Area		EAST BROADWAY		City Of Haverhill	Mun	Open space / river access		469-188-9B	469-188-9B	Yes	WPA	SC
OS-0038-01	City Landing #18		COVE RD		City Of Haverhill	Mun	Open space / river access		745-2-14	745-2-14	Yes	WPA	RH
OS-0038-02			RIVERDALE AVE		City Of Haverhill	Mun	Open space / river access		745-2-3	745-2-3	Yes	WPA	RH
OS-0038-03			RIVERDALE AVE		MECo	Util	Open space / river access		745-2-1	745-2-1	No	WPA	RH
OS-0038-04			COVE RD		City Of Haverhill	Mun	Open space / river access		745-2-1A	745-2-1A	Yes	WPA	RH
OS-0038-05			RIVERDALE AVE		MECo	Util	Open space / existing		745-1-35	745-1-35	No	WPA	RH
OS-0038-06			RAINBOW DR		MECo	Util	Open space / existing		745-1-51	745-1-51	No	UK	RH
OS-0039-01	Ornstein Shoe Property		RAILROAD AVE		City Of Haverhill	Mun	Vacant / Active or Passive		712-684-1	712-684-1	Yes	None	WD-H
OS-0039-02	Ornstein Shoe Property		RAILROAD AVE		City Of Haverhill	Mun	Vacant / Active or Passive		712-684-1	712-684-1	Yes	None	WD-H
OS-0039-03	Ornstein Shoe Property		RAILROAD AVE		City Of Haverhill	Mun	Vacant / Active or Passive		711-4-4A	711-4-4A	Yes	None	WD-H
OS-0039-04	Ornstein Shoe Property		RAILROAD AVE		City Of Haverhill	Mun	Vacant / Active or Passive		711-4-4	711-4-4	Yes	None	WD-H
OS-0039-05	Ornstein Shoe Property		RAILROAD AVE		City Of Haverhill	Mun	Vacant / Active or Passive		711-4-3	711-4-3	Yes	None	WD-H
OS-0040-01			SOUTH ELM ST		MBTA	Oth	Open space/NA		710-6-9	710-6-9	No	WPA	WD-G
OS-0041-01	Bradford Rail Trail		SOUTH ELM ST	189 SO. ELM ST	MBTA	Oth	Rail Trail/exist.		710-6-1	710-6-1	No	WPA	WD-G
OS-0041-02	Bradford Rail Trail		SOUTH ELM ST	163 SO. ELM ST	MECo	Util	Rail Trail/exist.		710-6-2	710-6-2	Yes	UK	WD-G
OS-0041-03	Bradford Rail Trail		MIDDLESEX ST		City Of Haverhill	Mun	Rail Trail/exist.		708-658-3	708-658-3	Yes	UK	WD-G & F
OS-0041-04	Bradford Rail Trail		MIDDLESEX ST		City Of Haverhill	Mun	Rail Trail/exist.		708-658-3	708-658-3	Yes	UK	WD-G
OS-0041-05	Bradford Rail Trail		MIDDLESEX ST		MECo	Util	Rail Trail/exist.		709-674-1	709-674-1	Yes	UK	WD-G
OS-0041-06	Bradford Rail Trail		MIDDLESEX ST		City Of Haverhill	Mun	Rail Trail/exist.		708-658-2	708-658-2	Yes	UK	WD-G
OS-0041-07	Bradford Rail Trail		MIDDLESEX ST		MECo	Util	Rail Trail/exist.		708-658-1	708-658-1	Yes	UK	WD-G
OS-0041-08	Bradford Rail Trail		MIDDLESEX ST		City Of Haverhill	Mun	Rail Trail/exist.		708-658-3	708-658-3	Yes	UK	WD-G
OS-0041-09	Bradford Rail Trail		MIDDLESEX ST		City Of Haverhill	Mun	Rail Trail/exist.		708-658-3	708-658-3	Yes	UK	WD-G & F
OS-0041-10	Bradford Rail Trail		MIDDLESEX ST		MBTA	Oth	Rail Trail/exist.		707-658-14	707-658-14	Yes	UK	WD-F
OS-0041-11	Bradford Rail Trail		MIDDLESEX ST		City Of Haverhill	Mun	Rail Trail/exist.		708-658-3	708-658-3	Yes	UK	WD-G

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OS-0041-12	Bradford Rail Trail		MIDDLESEX ST		City Of Haverhill	Mun	Rail Trail/exist.		708-658-3	708-658-3	Yes	UK	WD-G
OS-0041-13	Bradford Rail Trail		MIDDLESEX ST		City Of Haverhill	Mun	Rail Trail/exist.		708-658-3	708-658-3	Yes	UK	WD-G
OS-0041-14	Bradford Rail Trail		MIDDLESEX ST		City Of Haverhill	Mun	Rail Trail/exist.		708-659-1	708-659-1	Yes	UK	WD-G
OS-0041-15	Bradford Rail Trail		RAILROAD ST		City Of Haverhill	Mun	Rail Trail/exist.		700-628-1A	700-628-1A	Yes	UK	WD-F
OS-0042-01	Kimball Farm		OLD AMESBURY LINE RD		Judith Kimball Farm, LLC	PFP	Ag / Tourism		430-11-8	430-11-8	No	APR	RM
OS-0042-02	Kimball Farm		EAST BROADWAY		Judith Kimball Farm, LLC	PFP	Ag / Tourism		460-1-7	460-1-7	No	APR	SC
OS-0042-03	Kimball Farm		EAST BROADWAY		Judith Kimball Farm, LLC	PFP	Ag / Tourism		460-2-20	460-2-20	No	APR	SC
OS-0042-04	Kimball Farm		EAST BROADWAY	791 EAST BROADWAY	Judith Kimball Farm, LLC	PFP	Ag / Tourism		430-8-3	430-8-3	No	APR	RR/RM
OS-0042-05	Kimball Farm		EAST BROADWAY		Judith Kimball Farm, LLC	PFP	Ag / Tourism		460-3-1	460-3-1	No	APR	SC/RR
OS-0042-06	Kimball Farm		EAST BROADWAY		Judith Kimball Farm, LLC	PFP	Ag / Tourism		460-3-1	460-3-1	No	APR	SC
OS-0042-07	Kimball Farm		EAST BROADWAY		Judith Kimball Farm, LLC	PFP	Ag / Tourism		460-3-1	460-3-1	No	APR	SC/RR
OS-0043-01	Garrison Golf Center		HILLDALE AVE	654 HILLDALE AVE	Edward J. Murphy	PFP	RS / Active		587-427-6	587-427-6	Yes	CH61B	RR
OS-0044-01	Crystal Lake Golf Club		NORTH BROADWAY	654 NORTH BROADWAY	Crystal Lake Open Space, Inc.	PFP	Golf Course / existing		575-2-8	575-2-8	Yes	Regulatory – cluster O.S.	RR/SC
OS-0045-01	Renaissance Golf Club		KENOZA ST	377 KENOZA ST	North Shore Golf Club Holdings	PFP	Golf Course / existing		478-1-15	478-1-15	No	UK	RR
OS-0045-02	Renaissance Golf Club		KENOZA ST	377 KENOZA ST	North Shore Golf Club Holdings	PFP	Golf Course / existing		478-1-15	478-1-15	No	UK	RR
OS-0045-03	Renaissance Golf Club		KENOZA ST	377 KENOZA ST	North Shore Golf Club Holdings	PFP	Golf Course / existing		478-1-15	478-1-15	No	UK	RR
OS-0045-04	Renaissance Golf Club		KENOZA ST	377 KENOZA ST	North Shore Golf Club Holdings	PFP	Golf Course / existing		478-1-15	478-1-15	No	UK	RM
OS-0046-01	Bradford Country Club		BOXFORD RD		Persimmon Wood HOA	PFP	Golf Course / existing		774-1-33	774-1-33	Yes	CH61B	SC/RR
OS-0046-02	Bradford Country Club		BOXFORD RD		Persimmon Wood HOA	PFP	Golf Course / existing		778-1-9	778-1-9	Yes	CH61B	RR

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OS-0046-03	Bradford Country Club		ORCHARD HILL RD		Persimmon Wood HOA	PFP	Golf Course / existing		778-1-7	778-1-7	Yes	CH61B	RR
OS-0046-04	Bradford Country Club		ORCHARD HILL RD		Persimmon Wood HOA	PFP	Golf Course / existing		778-1-4	778-1-4	Yes	CH61B	RR
OS-0046-05	Bradford Country Club		ORCHARD HILL RD		Persimmon Wood HOA	PFP	Golf Course / existing		778-1-4	778-1-4	Yes	CH61B	RM
OS-0047-01	Bradford Common		SOUTH MAIN ST	260 SOUTH MAIN ST	1st Church Of Christ Of Bradford	PNp	Urban Park / existing		705-650-1	705-650-1	Yes	UK	RM
OS-0048-01	Ski Bradford		SUN VALLEY DR		Brad-Neil R.T.	PFP	Ski Hill / existing		775-791-8	775-791-8	Yes	CH61B	RR
OS-0048-02	Ski Bradford		SOUTH CROSS RD	100 SOUTH CROSS RD	Brad-Neil R.T.	PFP	Ski Hill / existing		775-791-36B	775-791-36B	Yes	CH61B	RR
OS-0048-03	Ski Bradford		SOUTH CROSS RD	60 SOUTH CROSS RD	Brad-Neil R.T.	PFP	Ski Hill / existing		775-791-40	775-791-40	Yes	CH61B	RR
OS-0048-04	Ski Bradford		SOUTH CROSS RD	66 SOUTH CROSS RD	Brad-Neil R.T.	PFP	Ski Hill / existing		775-791-39B	775-791-39B	Yes	CH61B	RR
OS-0048-05	Ski Bradford		SOUTH CROSS RD	100 SOUTH CROSS RD	Brad-Neil R.T.	PFP	Ski Hill / existing		775-791-36B	775-791-36B	Yes	CH61B	RR
OS-0048-06	Ski Bradford		SOUTH CROSS RD		Brad-Neil R.T.	PFP	Ski Hill / existing		775-791-39	775-791-39	Yes	CH61B	RR
OS-0049-01	Parsonage Hill		HILLDALE AVE		Essex County Greenbelt Association	LT	Wooded open space / Passive		586-431-17A	586-431-17A	Yes	Land Trust	RR
OS-0050-01	Twelfth Avenue Park		THIRTEENTH AVE		City Of Haverhill	Mun	Ballfields, playground / existing		614-502-1	614-502-1	Yes	Article 97	RH
OS-0050-02	Twelfth Avenue Park		TWELFTH AVE		City Of Haverhill	Mun	Ballfields, playground / existing		614-502-2	614-502-2	Yes	Article 97	RH
OS-0050-03	Twelfth Avenue Park		TWELFTH AVE		City Of Haverhill	Mun	Ballfields, playground / existing		613-501-17	613-501-17	Yes	Article 97	RH
OS-0050-04	Twelfth Avenue Park		TWELFTH AVE		City Of Haverhill	Mun	Ballfields, playground / existing		613-501-17	613-501-17	Yes	Article 97	RH
OS-0050-05	Twelfth Avenue Park		TWELFTH AVE		City Of Haverhill	Mun	Ballfields, playground / existing		613-501-17	613-501-17	Yes	Article 97	RH
OS-0050-06	Twelfth Avenue Park		TWELFTH AVE		City Of Haverhill	Mun	Ballfields, playground / existing		613-501-17	613-501-17	Yes	Article 97	RH

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OS-0051-01	Golden Hill Area		MEARS FARM RD		City Of Haverhill	Mun	Wetland / Passive		468-42-A	468-42-A	Yes	watershed	SC
OS-0052-01	Union Street Park		FOURTH AVE		City Of Haverhill	Mun	Playground / exist		603-464-1	603-464-1	Yes	Article 97 watershed	RU
OS-0053-01	Mendum Road At Crystal Lake		CRYSTAL LAKE RD		City Of Haverhill	Mun	Wooded / Passive		566-7-4	566-7-4	Yes	watershed	SC
OS-0053-02	Mendum Road At Crystal Lake		CRYSTAL LAKE RD		City Of Haverhill	Mun	Wooded / Passive		566-2-1	566-2-1	Yes	watershed	SC
OS-0053-03	Mendum Road At Crystal Lake		CRYSTAL LAKE RD		City Of Haverhill	Mun	Wooded / Passive		566-7-4	566-7-4	Yes	watershed	SC
OS-0053-04	Mendum Road At Crystal Lake		CRYSTAL LAKE RD		City Of Haverhill	Mun	Wooded / Passive		566-2-1	566-2-1	Yes	watershed	SC
OS-0053-05	Mendum Road At Crystal Lake		MENDUM RD		City Of Haverhill	Mun	Wooded / Passive		566-7-8	566-7-8	Yes	watershed	SC
OS-0053-06	Mendum Road At Crystal Lake			MENDUM RD	City Of Haverhill	Mun	Wooded / Passive		566-2-3	566-2-3	Yes	watershed	SC
OS-0054-01	Haverhill Country Club		BRICKETT LN	62 BRICKETT LN	Haverhill Golf And Country	PFP	Golf course / exist		673-603-9	673-603-9	No	UK	RR
OS-0055-01	Far Corner Farm Golf Course		KINGSBURY AVE		Far Corner Farm Golf Course	PFP	Golf course / exist		772-779-4A	772-779-4A	Yes	CH61B	SC
OS-0055-02	Far Corner Farm Golf Course		KINGSBURY AVE		Far Corner Farm Golf Course	PFP	Golf course / exist		772-779-5	772-779-5	Yes	CH61B	SC
OS-0056-01	Powderhouse Area		MCKAY ST		City Of Haverhill	Mun	Wood/Passive		436-3-184	436-3-184	Yes	UK	RM
OS-0056-02	Powderhouse Area		MCKAY ST		City Of Haverhill	Mun	Wood/Passive		436-3-184	436-3-184	Yes	UK	RM
OS-0056-03	Powderhouse Area		MCKAY ST		City Of Haverhill	Mun	Wood/Passive		436-3-184	436-3-184	Yes	UK	RM
OS-0056-04	Powderhouse Area		MCKAY ST		City Of Haverhill	Mun	Wood/Passive		436-3-184	436-3-184	Yes	UK	RM
OS-0056-05	Powderhouse Area		MCKAY ST		City Of Haverhill	Mun	Wood/Passive		436-3-184	436-3-184	Yes	UK	RM
OS-0056-06	Powderhouse Area		MCKAY ST		City Of Haverhill	Mun	Wood/Passive		436-3-184	436-3-184	Yes	UK	RM
OS-0056-07	Powderhouse Area		MCKAY ST		City Of Haverhill	Mun	Wood/Passive		436-3-184	436-3-184	Yes	UK	RM
OS-0056-08	Powderhouse Area		MCKAY ST		City Of Haverhill	Mun	Wood/Passive		436-3-184	436-3-184	Yes	UK	RM
OS-0056-09	Powderhouse Area		MCKAY ST		City Of Haverhill	Mun	Wood/Passive		436-3-184	436-3-184	Yes	UK	RM
OS-0056-10	Powderhouse Area		MCKAY ST		City Of Haverhill	Mun	Wood/Passive		436-3-184	436-3-184	Yes	UK	RM
OS-0056-11	Powderhouse Area		MCKAY ST		City Of Haverhill	Mun	Wood/Passive		411-136-153	411-136-153	Yes	UK	RM
OS-0056-12	Powderhouse Area		MCKAY ST		City Of Haverhill	Mun	Wood/Passive		411-136-153	411-136-153	Yes	UK	RM
OS-0056-13	Powderhouse Area		MCKAY ST		City Of Haverhill	Mun	Wood/Passive		411-136-153	411-136-153	Yes	UK	RM
OS-0056-14	Powderhouse Area		POWDER HOUSE AVE	70 POWDER HOUSE AVE	MECo	Util	Wood/Passive		411-136-64	411-136-64	No	UK	RM
OS-0056-15	Powderhouse Area		POWDER HOUSE AVE	70 POWDER HOUSE AVE	MECo	Util	Wood/Passive		411-136-64	411-136-64	No	UK	RM

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OS-0056-16	Powderhouse Area		POWDER HOUSE AVE	70 POWDER HOUSE AVE	MECo	Util	Wood/Passive		411-136-64	411-136-64	No	UK	RM
OS-0056-17	Powderhouse Area		POWDER HOUSE AVE	70 POWDER HOUSE AVE	MECo	Util	Wood/Passive		411-136-64	411-136-64	No	UK	RM
OS-0057-01	City Landing #1	Hand Tub House	RIVER RD	1 RIVER RD	City Of Haverhill	Mun	Historic Building / passive		471-4-1	471-4-1	Yes	WPA	SC
OS-0058-01	City Landing #2		EAST MAIN ST		City Of Haverhill	Mun	River frontage / passive		471-5-1A	471-5-1A	Yes	WPA	SC
OS-0059-01	City Landing #3		WHARF LN		City Of Haverhill	Mun	River frontage / passive		471-5-9	471-5-9	Yes	WPA	SC
OS-0060-01	Merrimack River Trail - Buttonwoods		WATER ST		City Of Haverhill	Mun	River Trail / existing		432-1-1A	432-1-1A	Yes	WPA	SC
OS-0060-02	Merrimack River Trail - Buttonwoods		WATER ST		Haverhill Historic Society	PubNp	River Trail / existing		432-1-1	432-1-1	Yes	WPA	SC
OS-0060-03	Merrimack River Trail - Buttonwoods		WATER ST		City Of Haverhill	Mun	River Trail / existing		432-1-2	432-1-2	Yes	WPA	SC
OS-0060-04	Merrimack River Trail - Buttonwoods		WATER ST		City Of Haverhill	Mun	River Trail / existing		434-5-3	434-5-3	Yes	WPA	SC
OS-0060-05	Merrimack River Trail - Buttonwoods		WATER ST		City Of Haverhill	Mun	River Trail / existing		434-5-3	434-5-3	Yes	WPA	SC
OS-0060-06	Merrimack River Trail - Buttonwoods		WATER ST		City Of Haverhill	Mun	River Trail / existing		412-90-5	412-90-5	Yes	WPA	SC
OS-0060-07	Merrimack River Trail - Buttonwoods		WATER ST		City Of Haverhill	Mun	River Trail / existing		412-90-2	412-90-2	Yes	WPA	SC
OS-0060-08	Merrimack River Trail - Buttonwoods		WATER ST		City Of Haverhill	Mun	River Trail / existing		412-90-1	412-90-1	Yes	WPA	SC
OS-0060-09	Merrimack River Trail - Buttonwoods		WATER ST		City Of Haverhill	Mun	River Trail / existing		413-90-1	413-90-1	Yes	WPA	SC
OS-0060-10	Merrimack River Trail - Buttonwoods		WATER ST		City Of Haverhill	Mun	River Trail / existing		414-90-4	414-90-4	Yes	WPA	SC
OS-0060-11	Merrimack River Trail - Buttonwoods		WATER ST		City Of Haverhill	Mun	River Trail / existing		414-90-3	414-90-3	Yes	WPA	SC
OS-0060-12	Merrimack River Trail - Buttonwoods		WATER ST		City Of Haverhill	Mun	River Trail / existing		414-90-2	414-90-2	Yes	WPA	SC
OS-0060-13	Merrimack River Trail - Buttonwoods		WATER ST		City Of Haverhill	Mun	River Trail / existing		414-90-1	414-90-1	Yes	WPA	SC
OS-0060-14	Merrimack River Trail - Buttonwoods		WATER ST		City Of Haverhill	Mun	River Trail / existing		415-90-2	415-90-2	Yes	WPA	SC

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OS-0060-15	Merrimack River Trail - Buttonwoods		WATER ST		City Of Haverhill	Mun	River Trail / existing		415-90-2	415-90-2	Yes	WPA	SC
OS-0060-16	Merrimack River Trail - Buttonwoods		WATER ST		City Of Haverhill	Mun	River Trail / existing		415-90-2	415-90-2	Yes	WPA	SC
OS-0060-17	Merrimack River Trail - Buttonwoods		WATER ST		City Of Haverhill	Mun	River Trail / existing		416-90-3	416-90-3	Yes	WPA	SC
OS-0060-18	Merrimack River Trail - Buttonwoods		WATER ST		City Of Haverhill	Mun	River Trail / existing		416-90-2	416-90-2	Yes	WPA	SC
OS-0060-19	Merrimack River Trail - Buttonwoods	City Landing #5	WATER ST		City Of Haverhill	Mun	River Trail / existing		416-90-1	416-90-1	Yes	WPA	SC
OS-0060-20	Merrimack River Trail - Buttonwoods		RIVERSIDE AVE		City Of Haverhill	Mun	River Trail / existing		417-90-1	417-90-1	Yes	WPA	SC
OS-0060-21	Merrimack River Trail - Buttonwoods		RIVERSIDE AVE		City Of Haverhill	Mun	River Trail / existing		417-90-4	417-90-4	Yes	WPA	SC
OS-0060-22	Merrimack River Trail - Buttonwoods		RIVERSIDE AVE		City Of Haverhill	Mun	River Trail / existing		417-90-4	417-90-4	Yes	WPA	SC
OS-0060-23	Merrimack River Trail - Buttonwoods		RIVERSIDE AVE		City Of Haverhill	Mun	River Trail / existing		417-90-8	417-90-8	Yes	WPA	SC
OS-0060-24	Merrimack River Trail - Buttonwoods		RIVERSIDE AVE		City Of Haverhill	Mun	River Trail / existing		418-187-1	418-187-1	Yes	WPA	SC
OS-0060-25	Merrimack River Trail - Buttonwoods		RIVERSIDE AVE		NEPCo	Util	River Trail / existing		418-187-2	418-187-2	No	WPA	SC
OS-0060-26	Merrimack River Trail - Buttonwoods		RIVERSIDE AVE		City Of Haverhill	Mun	River Trail / existing		418-187-3	418-187-3	Yes	WPA	SC
OS-0060-27	Merrimack River Trail - Buttonwoods		RIVERSIDE AVE		City Of Haverhill	Mun	River Trail / existing		418-187-3		Yes	WPA	SC
OS-0061-01	First Landing Park	City Landing #6	WATER ST		City Of Haverhill	Mun	Urban Park / exist		402-90-5	402-90-5	Yes	WPA	WD-D
OS-0062-01	White Park		MILL ST		City Of Haverhill	Mun	Urban Park / exist		403-94-1	403-94-1	Yes	UK	RM
OS-0063-01	City Landing #8	Water Street Fire Station	WATER ST	131 WATER ST	City Of Haverhill	Mun	Fire Station / river access		207-2-2	207-2-2	Yes	UK	WD-D
OS-0064-01	City Landing #9	River Rest Park	WATER ST		City Of Haverhill	Mun	Urban park / exist		207-2-1A	207-2-1A	Yes	Article 97	WD-D
OS-0065-01			MILL ST		City Of Haverhill	Mun	Urban Park / exist		409-112-1	409-112-1	Yes	UK	RM
OS-0066-01	Belvidere Heights Area	Plug Pond Conservation Area	BELVIDERE HEIGHTS DR		City Of Haverhill	Mun	Wooded / Passive		409-114-19	409-114-19	Yes	Article 97	RM
OS-0066-02	Belvidere Heights Area	Plug Pond Conservation Area	BELVIDERE HEIGHTS DR		City Of Haverhill	Mun	Wooded / Passive		409-114-19	409-114-19	Yes	Article 97	RM
OS-0066-03	Belvidere Heights Area	Plug Pond Conservation Area	BELVIDERE HEIGHTS DR		City Of Haverhill	Mun	Wooded / Passive		409-114-19	409-114-19	Yes	Article 97	RM

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OS-0066-04	Belvidere Heights Area	Plug Pond Conservation Area	BELVIDERE HEIGHTS DR		City Of Haverhill	Mun	Wooded / Passive		409-114-19	409-114-19	Yes	Article 97	RM
OS-0066-05	Belvidere Heights Area	Plug Pond Conservation Area	BELVIDERE HEIGHTS DR		City Of Haverhill	Mun	Wooded / Passive		409-114-19	409-114-19	Yes	Article 97	RM
OS-0066-06	Belvidere Heights Area	Plug Pond Conservation Area	BELVIDERE HEIGHTS DR		City Of Haverhill	Mun	Wooded / Passive		409-114-19	409-114-19	Yes	Article 97	RM
OS-0066-07	Belvidere Heights Area	Plug Pond Conservation Area	BELVIDERE HEIGHTS DR		City Of Haverhill	Mun	Wooded / Passive		409-114-19	409-114-19	Yes	Article 97	RM
OS-0066-08	Belvidere Heights Area	Plug Pond Conservation Area	BELVIDERE HEIGHTS DR		City Of Haverhill	Mun	Wooded / Passive		409-114-19	409-114-19	Yes	Article 97	RM
OS-0066-09	Belvidere Heights Area	Plug Pond Conservation Area	BELVIDERE HEIGHTS DR		City Of Haverhill	Mun	Wooded / Passive		409-114-19	409-114-19	Yes	Article 97	RM
OS-0066-10	Belvidere Heights Area	Plug Pond Conservation Area	BELVIDERE HEIGHTS DR		City Of Haverhill	Mun	Wooded / Passive		409-114-19	409-114-19	Yes	Article 97	RM
OS-0066-11	Belvidere Heights Area	Plug Pond Conservation Area	BELVIDERE HEIGHTS DR		City Of Haverhill	Mun	Wooded / Passive		409-114-19	409-114-19	Yes	Article 97	RM
OS-0066-12	Belvidere Heights Area	Plug Pond Conservation Area	BELVIDERE HEIGHTS DR		City Of Haverhill	Mun	Wooded / Passive		409-114-19	409-114-19	Yes	Article 97	RM
OS-0066-13	Belvidere Heights Area	Plug Pond Conservation Area	BELVIDERE HEIGHTS DR		City Of Haverhill	Mun	Wooded / Passive		409-114-19	409-114-19	Yes	Article 97	RM
OS-0067-01	City Landing #12		CITY LANDING 12		City Of Haverhill	Mun	Harbor Place access / NA		101-1-12A	101-1-12A	Yes	UK	CC
OS-0068-01	City Landing #13	Washington Square Parking Lot	WASHINGTON SQ		City Of Haverhill	Mun	Parking / existing		308-1-1	308-1-1	Yes	UK	CC
OS-0069-01	Whittier Vo-Tech Area	Whittier VoTech Regional H.S.	AMESBURY LINE RD	115 AMESBURY LINE RD	Whittier Regional High School	Mun	Open Space/existing		430-11-18A	430-11-18A	Ltd	Watershed	SC
OS-0069-02	Whittier Vo-Tech Area	Whittier VoTech Regional H.S.	AMESBURY LINE RD	115 AMESBURY LINE RD	Whittier Regional High School	Mun	Open Space/existing		430-11-18A	430-11-18A	Ltd	Watershed	SC
OS-0069-03	Whittier Vo-Tech Area	Whittier VoTech Regional H.S.	AMESBURY LINE RD	115 AMESBURY LINE RD	Whittier Regional High School	Mun	Open Space/existing		430-11-18A	430-11-18A	Ltd	Watershed	SC
OS-0069-04	Whittier Vo-Tech Area	Whittier VoTech Regional H.S.	AMESBURY LINE RD	115 AMESBURY LINE RD	Whittier Regional High School	Mun	Open Space/existing		430-11-18A	430-11-18A	Ltd	Watershed	SC
OS-0069-05	Whittier Vo-Tech Area	Whittier VoTech Regional H.S.	AMESBURY LINE RD	115 AMESBURY LINE RD	Whittier Regional High School	Mun	Open space / passive		430-11-18A	430-11-18A	Ltd	Watershed	SC

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OS-0069-06	Whittier Vo-Tech Area	Whittier VoTech Regional H.S.	AMESBURY LINE RD	115 AMESBURY LINE RD	Whittier Regional High School	Mun	Open space / passive		430-11-18A	430-11-18A	Ltd	Watershed	SC
OS-0069-07	Whittier Vo-Tech Area	Whittier VoTech Regional H.S.	COUNTRY BRIDGE RD		Whittier Regional High School	Mun	Open space / passive		460-2-18	460-2-18	Ltd	Watershed	SC
OS-0069-08	Whittier Vo-Tech Area	Whittier VoTech Regional H.S.	AMESBURY LINE RD	115 AMESBURY LINE RD	Whittier Regional High School	Mun	Open space / passive		430-11-18A	430-11-18A	Ltd	Watershed	SC
OS-0069-09	Whittier Vo-Tech Area	Whittier VoTech Regional H.S.	AMESBURY LINE RD	115 AMESBURY LINE RD	Whittier Regional High School	Mun	Open space / passive		430-11-18A	430-11-18A	Ltd	Watershed	SC
OS-0069-10	Whittier Vo-Tech Area	Whittier VoTech Regional H.S.	AMESBURY LINE RD	115 AMESBURY LINE RD	Whittier Regional High School	Mun	Open space / passive		430-11-18A	430-11-18A	Ltd	Watershed	SC
OS-0069-11	Whittier Vo-Tech Area	Whittier VoTech Regional H.S.	AMESBURY LINE RD	115 AMESBURY LINE RD	Whittier Regional High School	Mun	Open space / passive		430-11-18A	430-11-18A	Ltd	Watershed	SC
OS-0069-12	Whittier Vo-Tech Area	Whittier VoTech Regional H.S.	AMESBURY LINE RD	115 AMESBURY LINE RD	Whittier Regional High School	Mun	Open space / passive		430-11-18A	430-11-18A	Ltd	Watershed	SC
OS-0069-13	Whittier Vo-Tech Area	Whittier VoTech Regional H.S.	AMESBURY LINE RD	115 AMESBURY LINE RD	Whittier Regional High School	Mun	Open space / passive		430-11-18A	430-11-18A	Ltd	Watershed	SC
OS-0069-14	Whittier Vo-Tech Area	Whittier VoTech Regional H.S.	COUNTRY BRIDGE RD		Whittier Regional High School	Mun	Open space / passive		459-1-11	459-1-11	Ltd	Watershed	SC
OS-0070-01	Windsor Park		ARLINGTON ST		City Of Haverhill	Mun	Urban Park/ exist.		406-0-0	406-0-0	Yes	Article 97	RM
OS-0071-01	City Landing #16		COFFIN AVE		City Of Haverhill	Mun	NA / river access		443-5-1	443-5-1	Yes	WPA	CH
OS-0071-01	City Landing #17		FERRY ST		City Of Haverhill	Mun	River access / existing	Public Access Board	700-630-2	700-630-2	Yes	WPA	WD-F
OS-0071-01	Passaquo Park	Swasey's Field	BLAISDELL ST		City Of Haverhill	Mun	Active Rec / existing	Gateway Cities	518-307-1	518-307-1	Yes	Article 97	RH
OS-0071-02	Washington Crossing	Public Boat Launch	FERRY ST		City Of Haverhill	Mun	River access, playground / existing	PARC	700-630-2	700-630-2	Yes	Article 97	WD-F
OS-0071-03			RAILROAD ST		MECo	Util	Open space / river access, trail		701-630-1	701-630-1	Ltd	WPA	WD-F
OS-0071-04			RAILROAD ST		MECo	Util	Open space / river access, trail		701-630-1	701-630-1	Ltd	WPA	WD-F

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OS-0072-01	Mount Washington Park		TREMONT ST		City Of Haverhill	Mun	Urban Park/existing		514-287-1	514-287-1	Yes	UK	RU
OS-0073-01	Srybny Farm		HILLDALE AVE	712 HILLDALE AVE	Edward Srybny	PFP	Ag / Tourism		587-427-5	587-427-5	No	CH61A	RR/RM
OS-0073-02	Srybny Farm		HILLDALE AVE	843 HILLDALE AVE	Edward Srybny	PFP	Ag / Tourism		585-430-1	585-430-1	No	CH61A	RM/BP
OS-0073-03	Srybny Farm		HILLDALE AVE		John Srybny	PFP	Ag / Tourism		585-431-24	585-431-24	No	CH61A	RR
OS-0073-04	Srybny Farm		HILLDALE AVE		Srybny John R Etali	PFP	Ag / Tourism		584-427-9	584-427-9	No	CH61A	RM
OS-0074-01	Silsby Farm – Hale's Island		SALEM ST		404-4360 Salem Street R.T.	PFP	Island in Merrimack River / passive, river access		777-788-11	777-788-11	No	APR	SC
OS-0074-02	Silsby Farm – Hale's Island		SALEM ST		404-4360 Salem Street R.T.	PFP	Island in Merrimack River / passive, river access		777-788-11	777-788-11	No	APR	SC
OS-0074-03	Silsby Farm		SALEM ST		Bradford Silsby Sr Rev. Living Trust	PFP	Ag / river access		729-728-6B	729-728-6B	No	APR	SC
OS-0074-04	Silsby Farm		SALEM ST	436 SALEM ST	404-4360 Salem Street R.T.	PFP	Ag / river access		777-788-1	777-788-1	No	APR	SC
OS-0074-05	Silsby Farm		SALEM ST	436 SALEM ST	404-4360 Salem Street R.T.	PFP	Ag / Tourism		777-788-1	777-788-1	No	APR	RR/RH
OS-0074-06	Silsby Farm		SALEM ST	436 SALEM ST	404-4360 Salem Street R.T.	PFP	Ag / Tourism		777-788-1	777-788-1	No	APR	RR
OS-0074-07	Silsby Farm		SALEM ST	436 SALEM ST	404-4360 Salem Street R.T.	PFP	Ag / Tourism		777-788-1	777-788-1	No	APR	RR/RL
OS-0074-08	Silsby Farm		SALEM ST		404-4360 Salem Street R.T.	PFP	Ag / Tourism		777-796-1	777-796-1	No	APR	RM
OS-0074-09	Silsby Farm		SALEM ST		Silsby Bradford	PFP	Ag / Tourism		729-719-5	729-719-5	No	APR	RH
OS-0075-01	Alfred Park		ALFRED PK		City Of Haverhill	Mun	Urban Park / existing		736-3-1A	736-3-1A	Yes	UK	RL
OS-0076-01			GROVELAND RD	124 GROVELAND RD	Mass Electric Co.	Util	Former Rail Bed/ rail trail extension		776-788-1AA	776-788-1AA	No	WPA	SC/RR
OS-0077-01	Hale's Landing		LISA LN		City Of Haverhill	Mun	Open space/ Passive, river access		776-788-B	776-788-B	Yes	Regulatory – cluster O.S.	SC
OS-0077-02	Hale's Landing		LISA LN		City Of Haverhill	Mun	Open Space/ Passive		776-788-A	776-788-A	Yes	Regulatory – cluster O.S.	RR

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OS-0078-01	Municipal Landfill		GROVELAND RD		Trimount Bituminous	PFP	Closed Landfill/ passive, river access		776-788-27	776-788-27	No	Regulatory	SC
OS-0078-02	Municipal Landfill		GROVELAND RD		Trimount Bituminous	PFP	Closed landfill/ passive		776-788-20	776-788-20	No	Regulatory	RR/RL
OS-0078-03	Municipal Landfill		GROVELAND RD		City Of Haverhill	Mun	Closed landfill/ passive		776-788-21	776-788-21	Yes	Regulatory	RR/RL
OS-0078-04	Municipal Landfill		GROVELAND RD		City Of Haverhill	Mun	Closed landfill/ passive		776-788-24	776-788-24	Yes	Regulatory	RR/RL
OS-0079-01	Roger's Spring Hill Farm	Kimball Island	INDUSTRIAL AVE		D & R R.T.	PFP	Ag, Island in Merrimack River / passive, river access		767-1-12	767-1-12	No	WPA	SC
OS-0079-02	Roger's Spring Hill Farm		INDUSTRIAL AVE		D & R R.T.	PFP	Ag / Tourism		767-1-B	767-1-B	No	WPA	BP
OS-0079-03	Roger's Spring Hill Farm		NECK RD	155 NECK RD	Rogers B Richard - ETUX	PFP	Ag / Tourism		755-1-5B	755-1-5B	No	UK	BP
OS-0079-04	Roger's Spring Hill Farm		NECK RD	133 NECK RD	Rogers B Richard	PFP	Ag / Tourism		755-1-6	755-1-6	No	UK	BP
OS-0079-05	Roger's Spring Hill Farm		NECK RD	93 NECK RD	Rogers Stephen	PFP	Ag / Tourism		755-1-8	755-1-8	No	UK	BP
OS-0079-06	Roger's Spring Hill Farm		FERRY RD		Dale F Rogers Revocable Trust	PFP	Ag / Tourism		731-772-19	731-772-19	No	CH.61A	RH
OS-0079-07	Roger's Spring Hill Farm		FERRY RD	211 FERRY RD	Rogers Dale F Jr	PFP	Ag residence / existing		731-772-20	731-772-20	No	CH.61A	RH
OS-0079-08	Roger's Spring Hill Farm		NECK RD	161 NECK RD	Rogers Stephen R	PFP	Ag residence / existing		755-1-5	755-1-5	No	UK	BP
OS-0079-09	Roger's Spring Hill Farm		NECK RD		Rogers B Richard - ETAL	PFP	Ag / Tourism		766-1-1	766-1-1	No	CH.61A	BP
OS-0079-10	Roger's Spring Hill Farm		NECK RD	130 NECK RD	Marcia B Rogers Revocable Trust	PFP	Ag / Tourism		766-1-3	766-1-3	No	CH.61A	BP/RH
OS-0079-11	Roger's Spring Hill Farm		NECK RD		Marcia B Rogers Revocable Trust	PFP	Ag / Tourism		766-1-9B	766-1-9B	No	CH.61A	BP
OS-0079-12	Roger's Spring Hill Farm		NECK RD	42 NECK RD	Rogers - Scharneck Barbara J	PFP	Ag residence / existing		766-1-9	766-1-9	No	CH.61A	RH
OS-0080-01	Turkey Hill Farm		MIDDLE RD	200 MIDDLE RD	Butt David J ETUX	PFP	Ag / Tourism		466-195-19	466-195-19	No	CH.61A	RR/SC
OS-0080-02	Turkey Hill Farm		MIDDLE RD	380 MIDDLE RD	Butt David F	PFP	Ag / Tourism		459-2-15	459-2-15	No	CH.61A	RR/SC

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OS-0081-01	Perls Way Open Space		PERLS WAY		Essex County Greenbelt Association	PNp	Open Space/ Passive		636-1-10A-3	636-1-10A-3	Yes	Land Trust	RL
OS-0081-02	Perls Way Open Space		ROSEMONT ST		Essex County Greenbelt Association	PNp	Open Space/ Passive		636-1-12-3C	636-1-12-3C	Yes	Land Trust	RL
OS-0081-03	Perls Way Open Space	Little River	NEWARK ST		City Of Haverhill	Mun	Open Space/ Passive		562-1-3	562-1-3	Yes	WPA	BP
OS-0081-04	Perls Way Open Space		CONCORDIA DR		Essex County Greenbelt Association	PNp	Open Space/ Passive		651-610-18	651-610-18	Yes	Land Trust	RL
OS-0081-05	Perls Way Open Space		PERLS WAY		City Of Haverhill	Mun	Open Space/ Passive		636-1-10A	636-1-10A	Yes	Deed Restriction	RL
OS-0081-06	Perls Way Open Space		PERLS WAY		City Of Haverhill	Mun	Open Space/ Passive		636-1-10A-2	636-1-10A-2	Yes	Deed Restriction	RL
OS-0082-01	Lesiczka Farm		CORLISS HILL RD		Lesiczka David R	PFP	Ag / Tourism		462-204-1	462-204-1	No	CH.61A	SC
OS-0082-02	Lesiczka Farm		CORLISS HILL RD	96 CORLISS HILL RD	Lesiczka Walter P ETUX	PFP	Ag / Tourism		463-206-15	463-206-15	No	CH.61A	SC
OS-0082-03	Lesiczka Farm		CORLISS HILL RD		Lesiczka Walter P ETUX	PFP	Ag / Tourism		463-206-13	463-206-13	No	CH.61A	SC
OS-0082-04	Lesiczka Farm		CORLISS HILL RD	96 CORLISS HILL RD	Lesiczka Walter P ETUX	PFP	Ag / Tourism		463-206-15	463-206-15	No	CH.61A	SC
OS-0082-05	Lesiczka Farm		CORLISS HILL RD		52 Corliss Hill Road Trust	PFP	Ag / Tourism		463-206-17	463-206-17	No	CH.61A	SC
OS-0082-06	Lesiczka Farm		CORLISS HILL RD		52 Corliss Hill Road Trust	PFP	Ag / Tourism		463-206-17	463-206-17	No	CH.61A	SC
OS-0082-07	Lesiczka Farm		CORLISS HILL RD		Lesiczka Walter P ETUX	PFP	Ag / Tourism		463-204-2B	463-204-2B	No	CH.61A	SC
OS-0082-07	Lesiczka Farm		CORLISS HILL RD		Richard Salach C Etux	PFP	Ag / Tourism		462-204-71	462-204-71	No	CH61A	SC
OS-0082-08	Lesiczka Farm		CORLISS HILL RD		Daniel Byra S Etal	PFP	Ag / Tourism		462-204-71B	462-204-71B	No	CH61A	SC
OS-0082-09	Lesiczka Farm		CORLISS HILL RD		52 Corliss Hill Road Trust	PFP	Ag / Tourism		463-206-8	463-206-8	No	CH61A	SC
OS-0082-10	Lesiczka Farm		CORLISS HILL RD	96 CORLISS HILL RD	Lesiczka Walter P ETUX	PFP	Ag / Tourism		463-206-15	463-206-15	No	CH61A	SC
OS-0083-01	Beaver Pond		AMESBURY RD		City Of Haverhill	Mun	Wet/Passive		459-1-3	459-1-3	Yes	Watershed	SC
OS-0083-02	Beaver Pond		AMESBURY RD		City Of Haverhill	Mun	Wet/Passive		459-1-3	459-1-3	Yes	Watershed	SC

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OS-0083-03	Beaver Pond	NECC back land	ELLIOTT ST	100 ELLIOTT ST	Com. Of MA	MA	Wet/Passive		459-2-13	459-2-13	Yes	Watershed	SC
OS-0083-04	Beaver Pond	NECC back land	ELLIOTT ST	100 ELLIOTT ST	Com. Of MA	MA	Wet/Passive		459-2-13	459-2-13	Yes	Watershed	SC
OS-0083-05	Beaver Pond	Pear Tree Village Open Space	BEAVER POND LN		City Of Haverhill	Mun	Wet/Passive		459-2-5	459-2-5	Yes	Regulatory – cluster O. S.	SC
OS-0083-06	Beaver Pond	Rifle Range	BEAVER POND LN		City Of Haverhill	Mun	Wet/Passive		459-2-6	459-2-6	Yes	Watershed	SC
OS-0083-07	Beaver Pond		AMESBURY RD		City Of Haverhill	Mun	Woodland, access to related parcels /Passive		444-4-2A	444-4-2A	Yes	Watershed	CH
OS-0083-08	Beaver Pond		AMESBURY RD		City Of Haverhill	Mun	Wood/Passive		444-4-11	444-4-11	Yes	Watershed	SC
OS-0083-09	Beaver Pond		AMESBURY RD		City Of Haverhill	Mun	Wood/Passive		444-4-12	444-4-12	Yes	Watershed	SC
OS-0084-01	Crescent Farm		WILLOW AVE		Crescent Farms Trust	PFP	Ag / Tourism / Passive		768-780-45	768-780-45	No	APR	SC
OS-0084-02	Crescent Farm		WILLOW AVE	75 WILLOW AVE	Davidowicz Family Real Estate Trust	PFP	Ag / Tourism / Passive		768-780-50A	768-780-50A	No	APR	SC
OS-0084-03	Crescent Farm		WILLOW AVE		Crescent Farms Trust	PFP	Ag / Tourism / Passive		768-780-45	768-780-45	No	APR	SC
OS-0084-04	Crescent Farm		BOSTON RD		Crescent Farms Trust	PFP	Ag / Tourism / Passive		746-1-24	746-1-24	No	APR?	RR
OS-0084-05	Crescent Farm		BOSTON RD		Wallyworld Trust	PFP	Ag / Tourism / Passive		771-779-61	771-779-61	No	CH61A/APR?	RR
OS-0084-06	Crescent Farm		BOSTON RD		Wallyworld Trust	PFP	Ag / Tourism / Passive		771-779-59	771-779-59	No	CH61A/APR?	RR
OS-0084-07	Crescent Farm		WILLOW AVE		Wallyworld Trust	PFP	Ag / Tourism / Passive		771-779-53	771-779-53	No	CH61A/APR?	RR
OS-0084-08	Crescent Farm		BOSTON RD		Wallyworld Trust	PFP	Ag / Tourism / Passive		771-779-56	771-779-56	No	CH61A/APR?	RR
OS-0084-09	Crescent Farm		BOSTON RD		Wallyworld Trust	PFP	Ag / Tourism / Passive		771-779-60	771-779-60	No	CH61A/APR?	RR
OS-0084-10	Crescent Farm		WILLOW AVE		Wallyworld Trust	PFP	Ag / Tourism / Passive		771-779-48	771-779-48	No	CH61A/APR?	RR
OS-0084-11	Crescent Farm		BOSTON RD		Wallyworld Trust	PFP	Ag / Tourism / Passive		771-779-58	771-779-58	No	CH61A/APR?	RR
OS-0084-12	Crescent Farm		BOSTON RD		Wallyworld Trust	PFP	Ag / Tourism / Passive		771-779-57	771-779-57	No	CH61A/APR?	RR
OS-0084-13	Crescent Farm		WILLOW AVE		Wallyworld Trust	PFP	Ag / Tourism / Passive		771-779-48	771-779-48	No	CH61A/APR?	RR
OS-0084-14	Crescent Farm		WILLOW AVE		Wallyworld	PFP	Ag / Tourism /		771-779-48	771-779-48	No	CH61A/APR?	RR

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					Trust		Passive						
OS-0084-15	Crescent Farm		BOSTON RD		Wallyworld Trust	PFP	Ag / Tourism / Passive		770-779-45	770-779-45	No	CH61A/APR?	RR
OS-0084-16	Crescent Farm		BOSTON RD		Wallyworld Trust	PFP	Ag / Tourism / Passive		770-779-46	770-779-46	No	CH61A/APR?	RR
OS-0084-17	Crescent Farm		WILLOW AVE		Wallyworld Trust	PFP	Ag / Tourism / Passive		771-779-47	771-779-47	No	CH61A/APR?	RR
OS-0084-18	Crescent Farm		BOSTON RD		Wallyworld Trust	PFP	Ag / Tourism / Passive		770-779-43	770-779-43	No	CH61A/APR?	RR
OS-0084-19	Crescent Farm		BOSTON RD		Wallyworld Trust	PFP	Ag / Tourism / Passive		770-779-44	770-779-44	No	CH61A/APR?	RR
OS-0084-20	Crescent Farm		WILLOW AVE		Wallyworld Trust	PFP	Ag / Tourism / Passive		771-779-27	771-779-27	No	CH61A/APR?	RR/SC
OS-0084-21	Crescent Farm		WILLOW AVE		Wallyworld Trust	PFP	Ag / Tourism / Passive		771-779-27	771-779-27	No	CH61A/APR?	SC
OS-0084-22	Crescent Farm		BOSTON RD		Wallyworld Trust	PFP	Ag / Tourism / Passive		770-779-30	770-779-30	No	CH61A/APR?	RR/SC
OS-0084-23	Crescent Farm		WILLOW AVE		Wallyworld Trust	PFP	Ag / Tourism / Passive		771-779-27	771-779-27	No	CH61A/APR?	SC
OS-0084-24	Crescent Farm		WILLOW AVE		Wallyworld Trust	PFP	Ag / Tourism / Passive		768-779-25	768-779-25	No	CH61A/APR?	SC
OS-0084-25	Crescent Farm		WILLOW AVE		Wallyworld Trust	PFP	Ag / Tourism / Passive		770-779-40	770-779-40	No	CH61A/APR?	RR
OS-0084-26	Crescent Farm		BOSTON RD		Wallyworld Trust	PFP	Ag / Tourism / Passive		770-779-32	770-779-32	No	CH61A/APR?	RR/SC
OS-0084-27	Crescent Farm		BOSTON RD		Wallyworld Trust	PFP	Ag / Tourism / Passive		770-779-31	770-779-31	No	CH61A/APR?	SC
OS-0084-28	Crescent Farm		WILLOW AVE		Wallyworld Trust	PFP	Ag / Tourism / Passive		770-779-23	770-779-23	No	CH61A/APR?	SC
OS-0084-29	Crescent Farm		WILLOW AVE		Wallyworld Trust	PFP	Ag / Tourism / Passive		770-779-40	770-779-40	No	CH61A/APR?	RR
OS-0084-30	Crescent Farm		WILLOW AVE		Wallyworld Trust	PFP	Ag / Tourism / Passive		770-779-32A	770-779-32A	No	CH61A/APR?	SC
OS-0084-31	Crescent Farm		WILLOW AVE		Wallyworld Trust	PFP	Ag / Tourism / Passive		770-779-32A	770-779-32A	No	CH61A/APR?	SC
OS-0084-32	Crescent Farm		WILLOW AVE		Wallyworld Trust	PFP	Ag / Tourism / Passive		770-779-30	770-779-30	No	CH61A/APR?	SC
OS-0084-33	Crescent Farm		WILLOW AVE		Wallyworld Trust	PFP	Ag / Tourism / Passive		770-779-23	770-779-23	No	CH61A/APR?	SC
OS-0084-34	Crescent Farm		WILLOW AVE		Wallyworld Trust	PFP	Ag / Tourism / Passive		770-779-32A	770-779-32A	No	CH61A/APR?	SC
OS-0084-35	Crescent Farm		WILLOW AVE		Wallyworld	PFP	Ag / Tourism /		770-779-21	770-779-21	No	CH61A/APR?	SC

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					Trust		Passive						
OS-0084-36	Crescent Farm		WILLOW AVE	140 WILLOW AVE	Wallyworld Trust	PFP	Ag / Tourism / Passive		768-779-11	768-779-11	No	APR	SC
OS-0084-37	Crescent Farm		WILLOW AVE	140 WILLOW AVE	Wallyworld Trust	PFP	Ag / Tourism / Passive		768-779-11	768-779-11	No	APR	SC
OS-0084-38	Crescent Farm		WILLOW AVE	140 WILLOW AVE	Wallyworld Trust	PFP	Ag / Tourism / Passive		768-779-11	768-779-11	No	APR	SC
OS-0084-39	Crescent Farm		WILLOW AVE		Codycam Real Estate Trust	PFP	Ag / Tourism / Passive		770-779-35	770-779-35	No	CH61A/APR?	SC
OS-0084-40	Crescent Farm		WILLOW AVE		Codycam Real Estate Trust	PFP	Ag / Tourism / Passive		770-779-35	770-779-35	No	CH61A/APR?	SC
OS-0084-41	Crescent Farm		BOSTON RD		Wallyworld Trust	PFP	Ag / Tourism / Passive		771-779-56A	771-779-56A	No	CH61A/APR?	RR
OS-0084-42	Crescent Farm		BOSTON RD		Wallyworld Trust	PFP	Ag / Tourism / Passive		771-779-60A	771-779-60A	No	CH61A/APR?	RR
OS-0085-01	Crystal Hill Farm		NORTH BROADWAY	1072 NORTH BROADWAY	Sheehan Thomas J - ETUX	PFP	Ag / Tourism / Passive		576-435-23	576-435-23	No	CH61A	SC
OS-0086-01	Bittersweet Farm		NORTH BROADWAY	1179 NORTH BROADWAY	D'urso R.T.	PFP	Ag / Tourism / Passive		586-431-3A	586-431-3A	No	UK	RR
OS-0086-02	Bittersweet Farm		NORTH BROADWAY	1179 NORTH BROADWAY	D'urso R.T.	PFP	Ag / Tourism / Passive		586-431-3A	586-431-3A	No	UK	RR
OS-0087-01			HYATT AVE		City Of Haverhill	Mun	Wet/openspace		778-797-37J	778-797-37J	Yes	WPA	RL
OS-0088-01	Domoracki Tree Farm		HYATT AVE		Green Belt R.T.	PFP	Ag / Tourism		778-797-31	778-797-31	No	APR	RL
OS-0088-02	Domoracki Tree Farm		HYATT AVE		Green Belt R.T.	PFP	Ag / Tourism		778-797-31	778-797-31	No	APR	RL
OS-0088-03	Domoracki Tree Farm		CHADWICK RD	261 CHADWICK RD	Green Belt R.T.	PFP	Ag / Tourism		774-797-26	774-797-26	No	APR	RR
OS-0088-04	Domoracki Tree Farm		CHADWICK RD	261 CHADWICK RD	Green Belt R.T.	PFP	Ag / Tourism		774-797-26	774-797-26	No	APR	RR
OS-0088-05	Domoracki Tree Farm		CHADWICK RD		Green Belt R.T.	PFP	Ag / Tourism		774-793-24	774-793-24	No	APR	SC
OS-0089-01	Hansen Tree Farm		JERICHO RD		Hansen Bruce P	PFP	Ag / Tourism / Passive		576-433-1A	576-433-1A	No	CH61A	SC
OS-0089-02	Hansen Tree Farm		NORTH BROADWAY	1100 NORTH BROADWAY	Hansen Bruce P	PFP	Ag / Tourism / Passive		576-433-1	576-433-1	No	CH61A	SC
OS-0090-01			NORTH BROADWAY	1034 NORTH BROADWAY	Goddard Robert J	PFP	Ag / Tourism / Passive		576-435-24	576-435-24	No	CH61A	SC

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OS-0090-02			NORTH BROADWAY		Goddard Robert J	PFP	Ag / Tourism / Passive		575-1-10	575-1-10	No	CH61A	RR
OS-0090-03			NORTH BROADWAY		Goddard Robert J	PFP	Ag / Tourism / Passive		575-1-10	575-1-10	No	CH61A	RR
OS-0090-04			VALE ST		Goddard Robert J	PFP	Ag / Tourism / Passive		585-431-25	585-431-25	No	CH61A	RR
OS-0091-01			BROADWAY		Essex County Greenbelt Association	LT	Wetland / open space, habitat		548-1-34	548-1-34	Yes	Land Trust	RM/BP
OS-0092-01		Undeveloped cloverleaf	BROADWAY		Com. Of MA	MA	Open space/ existing		544-426-18	544-426-18	Unk	UK	RM
OS-0093-01	Bradley Tree Farm	Liberty Acres Tree Farm	LIBERTY ST	493 LIBERTY ST	Bradley M Dianne	PFP	Ag / Tourism / Captain Pond access		573-2-3	573-2-3	No	CH61A	SC
OS-0094-01			LIBERTY ST	68 LIBERTY ST	Fletcher Family R.T.	PFP	Ag residence / passive		574-2-2	574-2-2	No	Formerly CH61A	RR
OS-0095-01	Fletcher Farm		EAST BROADWAY		Fletcher Farm Land Trust	PFP	Ag / Tourism		461-3-19	461-3-19	No	CH61A & DR	SC
OS-0095-02	Fletcher Farm		EAST BROADWAY		Fletcher Farm Land Trust	PFP	Ag / Tourism		461-3-14	461-3-14	No	CH61A & DR	SC/RR
OS-0095-03	Fletcher Farm		EAST BROADWAY		Fletcher Farm Land Trust	PFP	Ag / Tourism		461-2-6	461-2-6	No	CH61A & DR	SC
OS-0095-04			EAST BROADWAY		Fletcher Farm Land Trust	PFP	Ag / Tourism		461-2-5	461-2-5	No	CH61A & DR	SC
OS-0095-05	Fletcher Farm		EAST BROADWAY		Fletcher Farm Land Trust	PFP	Ag / Tourism		461-2-3	461-2-3	No	CH61A & DR	SC
OS-0095-06	Fletcher Farm		COUNTRY BRIDGE RD		Fletcher Farm Land Trust	PFP	Ag / Tourism		460-2-8	460-2-8	No	CH61A & DR	SC
OS-0095-07	Fletcher Farm		COUNTRY BRIDGE RD		Fletcher Farm Land Trust	PFP	Ag / Tourism		460-2-8	460-2-8	No	CH61A & DR	SC
OS-0095-08	Fletcher Farm		COUNTRY BRIDGE RD		Fletcher Farm Land Trust	PFP	Ag / Tourism		460-2-8	460-2-8	No	CH61A & DR	SC
OS-0095-09	Fletcher Farm		COUNTRY BRIDGE RD		Fletcher Farm Land Trust	PFP	Ag / Tourism		460-2-8	460-2-8	No	CH61A & DR	SC
OS-0095-10	Fletcher Farm		EAST BROADWAY	595 EAST BROADWAY	Fletcher Farm Land Trust	PFP	Ag homestead/ Tourism		461-3-17	461-3-17	No	CH61A & DR	RR/SC
OS-0096-01			BARD ST		Crescent Farms Trust	PFP	Woodland / passive		756-1-9	756-1-9	No	UK	BP
OS-0097-01	Ward Hill		FERRY RD		City Of Haverhill	Mun	Woodland, water		754-1-12	754-1-12	Yes	Water supply	BP

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							reservoir / passive						
OS-0097-02	Ward Hill		FERRY RD		City Of Haverhill	Mun	Woodland, water reservoir / passive		755-1-2	755-1-2	Yes	Water supply	BP
OS-0097-03	Ward Hill		FERRY RD		City Of Haverhill	Mun	Woodland, water reservoir / passive		754-1-13	754-1-13	Yes	Water supply	BP
OS-0097-04	Ward Hill		FERRY RD		City Of Haverhill	Mun	Woodland, water reservoir / passive		755-1-2A	755-1-2A	Yes	Water supply	BP
OS-0097-05	Ward Hill		FERRY RD		City Of Haverhill	Mun	Woodland, water reservoir / passive		754-1-14A	754-1-14A	Yes	Water supply	BP
OS-0098-01	Zins Park	Riverside Playground	GROVELAND ST		City Of Haverhill	Mun	Urban Park / existing		423-153-1	423-153-1	Yes	UK	RH
OS-0098-02	Zins Park	Riverside Playground	GROVELAND ST		City Of Haverhill	Mun	Urban Park / existing		423-153-1	423-153-1	Yes	UK	RH
OS-0098-03	Zins Park	Riverside Playground	GROVELAND ST		City Of Haverhill	Mun	Urban Park / existing		423-153-3	423-153-3	Yes	UK	RH
OS-0099-01	Portland Street Park		PORTLAND ST		City Of Haverhill	Mun	RS/UrbanPark		610-491-2	610-491-2	Yes	UK	RH
OS-0100-01	Stanley's Island		BANK RD		Shenker Anna	PFP	Island in Merrimack River / passive, river access		569-1-5	569-1-5	No	UK	SC
OS-0101-01	Mohawk Trail		LAKE ST		City Of Haverhill	Mun	Trail / passive		539-439-78	539-439-78	Yes	UK	RR
OS-0101-02	Mohawk Trail		MOHAWK TRL		City Of Haverhill	Mun	Trail / passive		588-422-28D	588-422-28D	Yes	UK	RR
OS-0102-01			BROADWAY		City Of Haverhill	Mun	Wetland / landlocked		539-439-48	539-439-48	Yes	WPA	RR
OS-0103-01			PERKINS CT		City Of Haverhill	Mun	Water reservoir / existing		588-422-18A	588-422-18A	Yes	waterworks	RM
OS-0104-01	Crescent Farms subdivision O.S.		KINGSBURY AVE		City Of Haverhill	Mun	Open Space /Passive		785-3-47A	785-3-47A	Yes	Regulatory – development O.S.	RL
OS-0105-01			KINGSBURY AVE		City Of Haverhill	Mun	Wooded / NA		761-799-1A	761-799-1A	Yes	No deed	RL
OS-0106-01	Crescent Farms subdivision O.S.		LINCOLNSHIRE DR		City Of Haverhill	Mun	Open space / NA		768-50-85A	768-50-85A	Yes	Regulatory – development O.S.	RL
OS-0107-01			RIVER ST		City Of Haverhill	Mun	Wooded / NA		502-231-14	502-231-14	Yes	Steep slope	RU/IG/CG
OS-0108-01			EDGEMERE AVE		City Of Haverhill	Mun	Wooded floodplain/passive		538-419B-107B	538-419B-107B	Yes	WPA	RM
OS-0108-02			EDGEMERE AVE		City Of Haverhill	Mun	Wooded floodplain/passive		538-419B-108	538-419B-108	Yes	WPA	RM

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OS-0108-03			EDGEMERE AVE		City Of Haverhill	Mun	Wooded floodplain/passive		538-419B-110	538-419B-110	Yes	WPA	RM
OS-0108-04			EDGEMERE AVE		City Of Haverhill	Mun	Wooded floodplain/passive		538-419B-110	538-419B-110	Yes	WPA	RM
OS-0108-05			EDGEMERE AVE		City Of Haverhill	Mun	Wooded floodplain/passive		538-419B-110	538-419B-110	Yes	WPA	RM
OS-0108-06			RIVER ST		City Of Haverhill	Mun	Wooded floodplain/passive		538-419B-26	538-419B-26	Yes	WPA	RM
OS-0108-07			RIVER ST		City Of Haverhill	Mun	Wooded floodplain/passive		538-419B-26	538-419B-26	Yes	WPA	RM
OS-0108-08			RIVER ST		City Of Haverhill	Mun	Wooded floodplain/passive		538-419B-23	538-419B-23	Yes	WPA	RM
OS-0108-09			RIVER ST		City Of Haverhill	Mun	Wooded floodplain/passive		538-419B-23	538-419B-23	Yes	WPA	RM
OS-0108-10			RIVER ST		City Of Haverhill	Mun	Wooded floodplain/passive		538-419B-23	538-419B-23	Yes	WPA	RM
OS-0108-11			RIVER ST		City Of Haverhill	Mun	Wooded floodplain/passive		538-419B-20	538-419B-20	Yes	WPA	RM
OS-0108-12			RIVER ST		City Of Haverhill	Mun	Wooded floodplain/passive		538-419B-20	538-419B-20	Yes	WPA	RM
OS-0108-13			RIVER ST		City Of Haverhill	Mun	Wooded floodplain/passive		538-419B-20	538-419B-20	Yes	WPA	RM
OS-0109-01			FLETCHER AVE		City Of Haverhill	Mun	Wooded slope / vista view		564-23-5	564-23-5	Yes	UK	RM
OS-0109-02			FLETCHER AVE		City Of Haverhill	Mun	Wooded slope / vista view		564-23-5	564-23-5	Yes	UK	RM
OS-0109-03			FLETCHER AVE		City Of Haverhill	Mun	Wooded slope / vista view		564-23-5	564-23-5	Yes	UK	RM
OS-0109-04			FLETCHER AVE		City Of Haverhill	Mun	Wooded slope / vista view		564-23-5	564-23-5	Yes	UK	RM
OS-0110-01			HAWKES AVE		City Of Haverhill	Mun	Open space / existing		564-6-622A	564-6-622A	Yes	UK	RM
OS-0110-02			HAWKES AVE		City Of Haverhill	Mun	Open space / existing		564-6-622A	564-6-622A	Yes	UK	RM
OS-0111-01			RIVER ST		City Of Haverhill	Mun	Pocket Park / existing		564-15-14	564-15-14	Yes	WPA	RM
OS-0112-01			BOXFORD RD		City Of Haverhill	Mun	Wet / NA		775-794-2	775-794-2	Yes	WPA	RR
OS-0113-01	Haseltine Park	Last known public horse trough	FERRY RD		City Of Haverhill	Mun	Urban Park / existing		745-1-46A	745-1-46A	Yes	UK	CH
OS-0114-01			DWIGHT ST		City Of Haverhill	Mun	Wood/Passive		409-9-56	409-9-56	Yes	watershed	SC
OS-0114-02			DWIGHT ST		City Of Haverhill	Mun	Wood/Passive		409-9-56	409-9-56	Yes	watershed	SC

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OS-0114-03			DWIGHT ST		City Of Haverhill	Mun	Wood/Passive		409-9-56	409-9-56	Yes	watershed	SC
OS-0114-04			DWIGHT ST		City Of Haverhill	Mun	Wood/Passive		409-9-56	409-9-56	Yes	watershed	SC
OS-0114-05			DWIGHT ST		City Of Haverhill	Mun	Wood/Passive		409-9-56	409-9-56	Yes	watershed	SC
OS-0114-06			DWIGHT ST		City Of Haverhill	Mun	Wood/Passive		409-9-56	409-9-56	Yes	watershed	SC
OS-0114-07			DWIGHT ST		City Of Haverhill	Mun	Wood/Passive		409-9-56	409-9-56	Yes	watershed	SC
OS-0114-08			GOODALE ST		City Of Haverhill	Mun	Wood/Passive		409-13-147	409-13-147	Yes	watershed	SC
OS-0114-09			GOODALE ST		City Of Haverhill	Mun	Wood/Passive		409-13-147	409-13-147	Yes	watershed	SC
OS-0114-10			GOODALE ST		City Of Haverhill	Mun	Wood/Passive		409-13-147	409-13-147	Yes	watershed	SC
OS-0114-11			HOMER ST		City Of Haverhill	Mun	Stream / NA		409-11-189	409-11-189	Yes	WPA	RM
OS-0114-12			HOMER ST		City Of Haverhill	Mun	Stream / NA		409-11-189	409-11-189	Yes	WPA	RM
OS-0115-01	Fox Field		ELM ST		City Of Haverhill	Mun	Ballfield / existing		622-533-13A	622-533-13A	Yes	UK	RH
OS-0115-02	Fox Field		ELM ST		City Of Haverhill	Mun	Ballfield / existing		622-533-13A	622-533-13A	Yes	UK	RH
OS-0116-01	Brickett Park	Walnut Sq School	MAIN ST		City Of Haverhill	Mun	Playground, park/ existing		643-1-18	643-1-18	Yes	Article 97	RH
OS-0117-01	Sagamore Park		SAGAMORE ST		City Of Haverhill	Mun	Urban park/exist.		644-5-1	644-5-1	Yes	Article 97	RH
OS-0118-01			HIGHLAND VIEW AVE		City Of Haverhill	Mun	Wooded Open Space /Passive		730-780E-228	730-780E-228	Yes	NA	RH
OS-0118-02			TIVERTON AVE		City Of Haverhill	Mun	Wooded Open Space /Passive		730-780E-218	730-780E-218	Yes	NA	RH
OS-0118-03			TIVERTON AVE		City Of Haverhill	Mun	Wooded Open Space /Passive		730-780E-126	730-780E-126	Yes	NA	RH
OS-0118-04			HILLSIDE AVE		City Of Haverhill	Mun	Wooded Open Space /Passive		730-780E-111	730-780E-111	Yes	NA	RH
OS-0118-05			HIGHLAND VIEW AVE		City Of Haverhill	Mun	Wooded Open Space /Passive		730-780E-228	730-780E-228	Yes	NA	RH
OS-0118-06			TIVERTON AVE		City Of Haverhill	Mun	Wooded Open Space /Passive		730-780E-218	730-780E-218	Yes	NA	RH
OS-0118-07			TIVERTON AVE		City Of Haverhill	Mun	Wooded Open Space /Passive		730-780E-126	730-780E-126	Yes	NA	RH
OS-0118-08			HILLSIDE AVE		City Of Haverhill	Mun	Wooded Open Space /Passive		730-780E-111	730-780E-111	Yes	NA	RH
OS-0118-09			HIGHLAND VIEW AVE		City Of Haverhill	Mun	Wooded Open Space /Passive		730-780E-228	730-780E-228	Yes	NA	RH
OS-0118-10			TIVERTON AVE		City Of Haverhill	Mun	Wooded Open Space /Passive		730-780E-218	730-780E-218	Yes	NA	RH
OS-0118-11			TIVERTON AVE		City Of Haverhill	Mun	Wooded Open Space /Passive		730-780E-126	730-780E-126	Yes	NA	RH
OS-0118-12			HILLSIDE AVE		City Of Haverhill	Mun	Wooded Open Space /Passive		730-780E-111	730-780E-111	Yes	NA	RH

Open Space ID	Open Space Name	Open Space Also Known As	Open Space ROW	Open Space Address	Open Space Owner's Name	Open Space Owner Type	General Use & Recreation Potential	Open Space Grant Program	GIS_ID	Tax_ID	Public Access	Degree of Open Space Protection	Zoning
OS-0118-13			HIGHLAND VIEW AVE		City Of Haverhill	Mun	Wooded Open Space /Passive		730-780E-228	730-780E-228	Yes	NA	RH
OS-0118-14			TIVERTON AVE		City Of Haverhill	Mun	Wooded Open Space /Passive		730-780E-218	730-780E-218	Yes	NA	RH
OS-0118-15			TIVERTON AVE		City Of Haverhill	Mun	Wooded Open Space /Passive		730-780E-126	730-780E-126	Yes	NA	RH
OS-0118-16			HILLSIDE AVE		City Of Haverhill	Mun	Wooded Open Space /Passive		730-780E-111	730-780E-111	Yes	NA	RH
OS-0118-17			HIGHLAND VIEW AVE		City Of Haverhill	Mun	Wooded Open Space /Passive		730-780E-228	730-780E-228	Yes	NA	RH
OS-0118-18			TIVERTON AVE		City Of Haverhill	Mun	Wooded Open Space /Passive		730-780E-218	730-780E-218	Yes	NA	RH
OS-0118-19			TIVERTON AVE		City Of Haverhill	Mun	Wooded Open Space /Passive		730-780E-126	730-780E-126	Yes	NA	RH
OS-0118-20			HILLSIDE AVE		City Of Haverhill	Mun	Wooded Open Space /Passive		730-780E-111	730-780E-111	Yes	NA	RH
OS-0118-21			HIGHLAND VIEW AVE		City Of Haverhill	Mun	Wooded Open Space /Passive		730-780E-228	730-780E-228	Yes	NA	RH
OS-0118-22			TIVERTON AVE		City Of Haverhill	Mun	Wooded Open Space /Passive		730-780E-121	730-780E-121	Yes	NA	RH
OS-0118-23			TIVERTON AVE		City Of Haverhill	Mun	Wooded Open Space /Passive		730-780E-121	730-780E-121	Yes	NA	RH
OS-0118-24			HILLSIDE AVE		City Of Haverhill	Mun	Wooded Open Space /Passive		730-780E-111	730-780E-111	Yes	NA	RH
OS-0118-25			HIGHLAND VIEW AVE		City Of Haverhill	Mun	Wooded Open Space /Passive		730-780E-228	730-780E-228	Yes	NA	RH
OS-0118-26			TIVERTON AVE		City Of Haverhill	Mun	Wooded Open Space /Passive		730-780E-121	730-780E-121	Yes	NA	RH
OS-0118-27			TIVERTON AVE		City Of Haverhill	Mun	Wooded Open Space /Passive		730-780E-121	730-780E-121	Yes	NA	RH
OS-0118-28			HILLSIDE AVE		City Of Haverhill	Mun	Wooded Open Space /Passive		730-780E-111	730-780E-111	Yes	NA	RH
OS-0118-29			HIGHLAND VIEW AVE		City Of Haverhill	Mun	Wooded Open Space /Passive		730-780E-228	730-780E-228	Yes	NA	RH
OS-0118-30			TIVERTON AVE		City Of Haverhill	Mun	Wooded Open Space /Passive		730-780E-121	730-780E-121	Yes	NA	RH
OS-0118-31			TIVERTON AVE		City Of Haverhill	Mun	Wooded Open Space /Passive		730-780E-121	730-780E-121	Yes	NA	RH
OS-0118-32			HILLSIDE AVE		City Of Haverhill	Mun	Wooded Open		730-780E-	730-780E-	Yes	NA	RH

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							Space /Passive		111	111			
OS-0118-33			HIGHLAND VIEW AVE		City Of Haverhill	Mun	Wooded Open Space /Passive		730-780E-228	730-780E-228	Yes	NA	RH
OS-0118-34			TIVERTON AVE		City Of Haverhill	Mun	Wooded Open Space /Passive		730-780E-121	730-780E-121	Yes	NA	RH
OS-0118-35			TIVERTON AVE		City Of Haverhill	Mun	Wooded Open Space /Passive		730-780E-121	730-780E-121	Yes	NA	RH
OS-0118-36			HILLSIDE AVE		City Of Haverhill	Mun	Wooded Open Space /Passive		730-780E-111	730-780E-111	Yes	NA	RH
OS-0118-37			HIGHLAND VIEW AVE		City Of Haverhill	Mun	Wooded Open Space /Passive		730-780E-228	730-780E-228	Yes	NA	RH
OS-0118-38			TIVERTON AVE		City Of Haverhill	Mun	Wooded Open Space /Passive		730-780E-121	730-780E-121	Yes	NA	RH
OS-0118-39			TIVERTON AVE		City Of Haverhill	Mun	Wooded Open Space /Passive		730-780E-121	730-780E-121	Yes	NA	RH
OS-0118-40			HILLSIDE AVE		City Of Haverhill	Mun	Wooded Open Space /Passive		730-780E-111	730-780E-111	Yes	NA	RH
OS-0118-41			ALTON AVE		City Of Haverhill	Mun	Wooded Open Space /Passive		730-780F-323	730-780F-323	Yes	NA	RH
OS-0118-42			ALTON AVE		City Of Haverhill	Mun	Wooded Open Space /Passive		730-780F-320	730-780F-320	Yes	NA	RH
OS-0118-43			ALTON AVE		City Of Haverhill	Mun	Wooded Open Space /Passive		730-780F-320	730-780F-320	Yes	NA	RH
OS-0118-44			ALTON AVE		City Of Haverhill	Mun	Wooded Open Space /Passive		730-780F-320	730-780F-320	Yes	NA	RH
OS-0118-45			HIGHLAND VIEW AVE		City Of Haverhill	Mun	Wooded Open Space /Passive		730-780G-309	730-780G-309	Yes	NA	RH
OS-0118-46			HIGHLAND VIEW AVE		City Of Haverhill	Mun	Wooded Open Space /Passive		730-780G-309	730-780G-309	Yes	NA	RH
OS-0118-47			HIGHLAND VIEW AVE		City Of Haverhill	Mun	Wooded Open Space /Passive		730-780G-309	730-780G-309	Yes	NA	RH
OS-0118-48			HIGHLAND VIEW AVE		City Of Haverhill	Mun	Wooded Open Space /Passive		730-780G-309	730-780G-309	Yes	NA	RH
OS-0118-49			SOUTH MAIN ST		City Of Haverhill	Mun	Wetland open space / NA		730-780C-505	730-780C-505	Yes	WPA	RH
OS-0118-50			SOUTH MAIN ST		City Of Haverhill	Mun	Wetland open space / NA		730-780C-505	730-780C-505	Yes	WPA	RH
OS-0118-51			SEAVAR AVE		City Of Haverhill	Mun	Wetland open space / NA		730-780C-519	730-780C-519	Yes	WPA	RH
OS-0118-52			SEAVAR AVE		City Of Haverhill	Mun	Wetland open		730-780C-	730-780C-	Yes	WPA	RH

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							space / NA		519	519			
OS-0119-01			PRIMROSE ST		City Of Haverhill	Mun	Wooded OS / NA		649-611-1B	649-611-1B	Yes	Utility easements	CG
OS-0119-02			PRIMROSE ST		City Of Haverhill	Mun	Open space / NA		618-515-9A	618-515-9A	Yes	WPA	RH
OS-0119-03			MAIN ST		City Of Haverhill	Mun	Open space / NA		618-516-7	618-516-7	Yes	WPA	RH
OS-0119-04			VALLEY ST		City Of Haverhill	Mun	Open space / NA		618-515-13	618-515-13	Yes	WPA	RH
OS-0119-05			VALLEY ST		City Of Haverhill	Mun	Open space / NA		618-515-13	618-515-13	Yes	WPA	RH
OS-0119-06			VALLEY ST		City Of Haverhill	Mun	Open space / NA		618-515-13	618-515-13	Yes	WPA	RH
OS-0119-07			VALLEY ST		City Of Haverhill	Mun	Open space / NA		618-515-16	618-515-16	Yes	WPA	RH
OS-0119-08			VALLEY ST		City Of Haverhill	Mun	Open space / NA		618-513A-23	618-513A-23	Yes	WPA	RH
OS-0119-09			VALLEY ST		City Of Haverhill	Mun	Open space / NA		618-513A-23	618-513A-23	Yes	WPA	RH
OS-0119-10			TWENTIETH AV		City Of Haverhill	Mun	Open space / NA		618-513A-25	618-513A-25	Yes	WPA	RH
OS-0119-11			TWENTIETH AV		City Of Haverhill	Mun	Open space / NA		618-513A-25	618-513A-25	Yes	WPA	RH
OS-0119-12			TWENTIETH AV		City Of Haverhill	Mun	Open space / NA		618-512A-27	618-512A-27	Yes	WPA	RH
OS-0119-13			TWENTIETH AV		City Of Haverhill	Mun	Open space / NA		618-512A-27	618-512A-27	Yes	WPA	RH
OS-0119-14			TWENTIETH AV		City Of Haverhill	Mun	Open space / NA		618-512A-27	618-512A-27	Yes	WPA	RH
OS-0119-15			TWENTIETH AV		City Of Haverhill	Mun	Open space / NA		618-512A-27	618-512A-27	Yes	WPA	RH
OS-0120-01			WEST SHERMAN ST		City Of Haverhill	Mun	Wooded buffer to highway / NA		563-15-1	563-15-1	Yes	UK	RM
OS-0120-02			SHERMAN ST		City Of Haverhill	Mun	Open space/ passive		529-5-304	529-5-304	Yes	WPA	BP
OS-0120-03			SHERMAN ST		City Of Haverhill	Mun	Open space/ passive		529-5-304	529-5-304	Yes	WPA	BP
OS-0120-04			ROCHAMBAULT ST		City Of Haverhill	Mun	Open space/ passive		529-10-105	529-10-105	Yes	WPA	BP
OS-0120-05			CALUMET ST		City Of Haverhill	Mun	Open space/ passive		529-9-121	529-9-121	Yes	WPA	BP
OS-0120-06			CALUMET ST		City Of Haverhill	Mun	Open space/ passive		529-6-140	529-6-140	Yes	WPA	BP
OS-0120-07			CARTIER ST		City Of Haverhill	Mun	Open space/ passive		529-8-145	529-8-145	Yes	WPA	BP
OS-0120-08			CALUMET ST		City Of Haverhill	Mun	Open space/ passive		529-6-140	529-6-140	Yes	WPA	BP
OS-0120-09			LAURIER ST		Essex County Greenbelt Association	LT	Open space/ passive		529-8-155	529-8-155	Yes	Land Trust	BP
OS-0120-10			CARTIER ST		City Of Haverhill	Mun	Open space/ passive		529-8-156	529-8-156	Yes	WPA	BP
OS-0120-11			LAURIER ST		City Of Haverhill	Mun	Open space/ passive		529-8-166	529-8-166	Yes	WPA	BP

Open Space ID	Open Space Name	Open Space Also Known As	Open Space ROW	Open Space Address	Open Space Owner's Name	Open Space Owner Type	General Use & Recreation Potential	Open Space Grant Program	GIS_ID	Tax_ID	Public Access	Degree of Open Space Protection	Zoning
OS-0120-12			CARTIER ST		City Of Haverhill	Mun	Open space/ passive		529-8-165	529-8-165	Yes	WPA	BP
OS-0120-13			ROCHAMBAULT ST		City Of Haverhill	Mun	Open space/ passive		529-7-163	529-7-163	Yes	WPA	BP
OS-0120-14			ROCHAMBAULT ST		City Of Haverhill	Mun	Open space/ passive		529-6-162	529-6-162	Yes	WPA	BP
OS-0120-15			LAURIER ST		City Of Haverhill	Mun	Open space/ passive		529-8-166	529-8-166	Yes	WPA	BP
OS-0120-16			CARTIER ST		City Of Haverhill	Mun	Open space/ passive		529-8-165	529-8-165	Yes	WPA	BP
OS-0120-17			ROCHAMBAULT ST		City Of Haverhill	Mun	Open space/ passive		529-7-163	529-7-163	Yes	WPA	BP
OS-0120-18			ROCHAMBAULT ST		City Of Haverhill	Mun	Open space/ passive		529-6-182	529-6-182	Yes	WPA	BP
OS-0120-19			ROCHAMBAULT ST		City Of Haverhill	Mun	Open space/ passive		529-6-180	529-6-180	Yes	WPA	BP
OS-0120-20			LAURIER ST		City Of Haverhill	Mun	Open space/ passive		529-8-166	529-8-166	Yes	WPA	BP
OS-0120-21			CARTIER ST		City Of Haverhill	Mun	Open space/ passive		529-8-165	529-8-165	Yes	WPA	BP
OS-0120-22			CARTIER ST		City Of Haverhill	Mun	Open space/ passive		529-7-184	529-7-184	Yes	WPA	BP
OS-0120-23			ROCHAMBAULT ST		City Of Haverhill	Mun	Open space/ passive		529-7-183	529-7-183	Yes	WPA	BP
OS-0120-24			ROCHAMBAULT ST		City Of Haverhill	Mun	Open space/ passive		529-6-182	529-6-182	Yes	WPA	BP
OS-0120-25			ROCHAMBAULT ST		City Of Haverhill	Mun	Open space/ passive		529-6-180	529-6-180	Yes	WPA	BP
OS-0120-26			LAURIER ST		City Of Haverhill	Mun	Open space/ passive		529-8-166	529-8-166	Yes	WPA	BP
OS-0120-27			CARTIER ST		City Of Haverhill	Mun	Open space/ passive		529-8-165	529-8-165	Yes	WPA	BP
OS-0120-28			CARTIER ST		City Of Haverhill	Mun	Open space/ passive		529-7-190	529-7-190	Yes	WPA	BP
OS-0120-29			ROCHAMBAULT ST		City Of Haverhill	Mun	Open space/ passive		529-6-192	529-6-192	Yes	WPA	BP
OS-0120-30			ROCHAMBAULT ST		City Of Haverhill	Mun	Open space/ passive		529-6-193	529-6-193	Yes	WPA	BP
OS-0120-31			LAURIER ST		City Of Haverhill	Mun	Open space/ passive		529-8-166	529-8-166	Yes	WPA	BP

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OS-0120-32			CARTIER ST		City Of Haverhill	Mun	Open space/ passive		529-8-165	529-8-165	Yes	WPA	BP
OS-0120-33			CARTIER ST		City Of Haverhill	Mun	Open space/ passive		529-7-190	529-7-190	Yes	WPA	BP
OS-0120-34			ROCHAMBAULT ST		City Of Haverhill	Mun	Open space/ passive		529-6-195	529-6-195	Yes	WPA	BP
OS-0120-35			LAURIER ST		City Of Haverhill	Mun	Open space/ passive		529-8-166	529-8-166	Yes	WPA	BP
OS-0120-36			CARTIER ST		City Of Haverhill	Mun	Open space/ passive		529-8-165	529-8-165	Yes	WPA	BP
OS-0120-37			CARTIER ST		City Of Haverhill	Mun	Open space/ passive		529-7-190	529-7-190	Yes	WPA	BP
OS-0120-38			ROCHAMBAULT ST		City Of Haverhill	Mun	Open space/ passive		529-7-209	529-7-209	Yes	WPA	BP
OS-0120-39			ROCHAMBAULT ST		City Of Haverhill	Mun	Open space/ passive		529-6-210	529-6-210	Yes	WPA	BP
OS-0120-40			ADDINGTON ST		City Of Haverhill	Mun	Open space/ passive		529-8-216	529-8-216	Yes	WPA	BP
OS-0120-41			ADDINGTON ST		City Of Haverhill	Mun	Open space/ passive		529-8-216	529-8-216	Yes	WPA	BP
OS-0120-42			ADDINGTON ST		City Of Haverhill	Mun	Open space/ passive		529-8-216	529-8-216	Yes	WPA	BP
OS-0120-43			ADDINGTON ST		City Of Haverhill	Mun	Open space/ passive		529-8-216	529-8-216	Yes	WPA	BP
OS-0120-44			CARTIER ST		City Of Haverhill	Mun	Open space/ passive		529-7-190	529-7-190	Yes	WPA	BP
OS-0120-45			ROCHAMBAULT ST		City Of Haverhill	Mun	Open space/ passive		529-7-214	529-7-214	Yes	WPA	BP
OS-0120-46			ADDINGTON ST		City Of Haverhill	Mun	Open space/ passive		529-19-168	529-19-168	Yes	WPA	BP
OS-0120-47			ADDINGTON ST		City Of Haverhill	Mun	Open space/ passive		529-19-168	529-19-168	Yes	WPA	BP
OS-0120-48			ADDINGTON ST		City Of Haverhill	Mun	Open space/ passive		529-19-168	529-19-168	Yes	WPA	BP
OS-0120-49			LAURIER ST		City Of Haverhill	Mun	Open space/ passive		529-19-174	529-19-174	Yes	WPA	BP
OS-0120-50			LAURIER ST		City Of Haverhill	Mun	Open space/ passive		529-19-174	529-19-174	Yes	WPA	BP
OS-0120-51			LAURIER ST		City Of Haverhill	Mun	Open space/ passive		529-19-174	529-19-174	Yes	WPA	BP

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OS-0120-52			ADDINGTON ST		City Of Haverhill	Mun	Open space/ passive		529-8-216	529-8-216	Yes	WPA	BP
OS-0120-53			ADDINGTON ST		City Of Haverhill	Mun	Open space/ passive		529-8-216	529-8-216	Yes	WPA	BP
OS-0121-01	Gagnon Trust	Ayer Hill	LOVERS LN		Gagnon One Family Trust	LT	Ag / passive		463-206-7	463-206-7	No	CH61A	RR
OS-0121-02	Gagnon Trust	Ayer Hill	LOVERS LN		Gagnon One Family Trust	LT	Ag / passive		463-206-6	463-206-6	No	CH61A	RR
OS-0121-03	Gagnon Trust	Ayer Hill	LOVERS LN		Gagnon Andre C Etali	LT	Ag / passive		428-628-12	428-628-12	No	CH61A	RR/RH
OS-0122-01	PAL Trust	Ayer Hill	WHITTIER AVE		PAL Trust	LT	Ag / passive		428-626-18	428-626-18	No	CH61A	RH
OS-0122-02	PAL Trust	Ayer Hill	WHITTIER AVE		PAL Trust	LT	Ag / passive		428-626-18	428-626-18	No	CH61A	RR/RH
OS-0122-03	PAL Trust	Ayer Hill	WHITTIER AVE		PAL Trust	LT	Ag / passive		428-626-18	428-626-18	No	CH61A	RR/RH
OS-0122-04	PAL Trust	Ayer Hill	WHITTIER AVE		PAL Trust	LT	Ag / passive		428-626-18	428-626-18	No	CH61A	RH
OS-0122-05	PAL Trust	Ayer Hill	WHITTIER AVE		PAL Trust	LT	Ag / passive		428-626-18	428-626-18	No	CH61A	RH
OS-0122-06	PAL Trust	Ayer Hill	WHITTIER AVE		PAL Trust	LT	Ag / passive		428-626-18	428-626-18	No	CH61A	RH
OS-0122-07	PAL Trust	Ayer Hill	WHITTIER AVE		PAL Trust	LT	Ag / passive		428-624-6	428-624-6	No	CH61A	RH
OS-0123-01			CLIFFORD AVE		City Of Haverhill	Mun	Open space / NA		444-1-11	444-1-11	Yes	watershed	SC
OS-0124-01			STEARNS AVE		City Of Haverhill	Mun	Open space / NA		439-5-38	439-5-38	Yes	watershed	SC
OS-0125-01	Cornerstone Farm		AMESBURY LINE RD	32 AMESBURY LINE RD	Zephyr R.T.	PFP	Equestrian Center / passive or active		439-9-1	439-9-1	No	CH61A	SC
OS-0126-01	Fay's Orchard		AMESBURY LINE RD	120 AMESBURY LINE RD	Fay James M	PFP	Ag / passive		430-1-7	430-1-7	No	CH61A	SC/RM
OS-0126-02	Fay's Orchard		AMESBURY LINE RD	120 AMESBURY LINE RD	Fay James M	PFP	Ag / passive		430-1-7	430-1-7	No	CH61A	RM
OS-0127-01	Snow's Horse Farm		MERRIMAC RD	66 MERRIMAC RD	Snow Stephen A	PFP	Ag / passive		430-1-6	430-1-6	No	Partially WPA	SC/RM
OS-0127-02	Snow's Horse Farm		MERRIMAC RD		Snow Stephen A	PFP	Former Ag / NA		430-2-1-1	430-2-1-1	No	WPA	RM
OS-0128-01			EAST BROADWAY		City Of Haverhill	Mun	Urban / pocket park		430-9-2	430-9-2	Yes	UK	RM
OS-0129-01			COLBY'S LN		City Of Haverhill	Mun	Wetland / NA		471-6-5A	471-6-5A	Yes	WPA	RM
OS-0130-01			COUNTRY BRIDGE RD		City Of Haverhill	Mun	Wood/Passive		460-2-19	460-2-19	Yes	watershed	SC
OS-0131-01			BRICKETT LN		City Of Haverhill	Mun	Wood/Passive		673-603-1A	673-603-1A	Yes		
OS-0133-01			KENOZA ST	490 KENOZA ST	Lawless Judith W Etux	PFP	Equestrian Center / existing		466-185-19	466-185-19	No	CH61A	RR
OS-0134-01			MILLVALE RD		City Of Haverhill	Mun	Wood/Passive,		469-187-22B	469-187-22B	Yes	UK	RR

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							parking MBCA						
OS-0135-01	Fitzgerald Farm		MIDDLE RD		Fitzgerald Paul	PFP	Ag / passive		469-187-22	469-187-22	No	CH61A	RR
OS-0135-02	Fitzgerald Farm		KENOZA ST		Fitzgerald Paul	PFP	Ag / passive		467-185-21	467-185-21	No	CH61A	RR
OS-0135-03	Fitzgerald Farm		KENOZA ST		Fitzgerald Paul A Jr Etal	PFP	Ag / passive		467-185-23	467-185-23	No	CH61A	RR
OS-0135-04	Fitzgerald Farm		KENOZA ST		Fitzgerald Paul A Jr Etal	PFP	Ag / passive		467-185-29A	467-185-29A	No	CH61A	RR
OS-0135-05	Fitzgerald Farm		KENOZA ST		Butler Howard C/O Michael Fitzgerald	PFP	Ag / passive		467-185-31	467-185-31	No	CH61A	SC
OS-0135-06	Fitzgerald Farm		KENOZA ST		Fitzgerald Paul A Jr Etal	PFP	Ag / passive		467-185-33	467-185-33	No	CH61A	SC/RR
OS-0135-07	Fitzgerald Farm		KENOZA ST		Fitzgerald Paul A Jr Etal	PFP	Ag / passive		467-185-33	467-185-33	No	CH61A	SC
OS-0135-08	Fitzgerald Farm		KENOZA ST		Fitzgerald Paul A Jr Etal	PFP	Ag / passive		467-185-32	467-185-32	No	CH61A	RR
OS-0135-09	Fitzgerald Farm		KENOZA ST		Fitzgerald Michael G	PFP	Ag / passive		467-185-32A	467-185-32A	No	CH61A	RR
OS-0135-10	Fitzgerald Farm		KENOZA ST		Fitzgerald Michael G	PFP	Ag / passive		467-185-32B	467-185-32B	No	CH61A	RR
OS-0135-11	Fitzgerald Farm		KENOZA ST		Fitzgerald Michael G	PFP	Ag / passive		467-185-32C	467-185-32C	No	CH61A	RR
OS-0135-12	Fitzgerald Farm		KENOZA ST		Fitzgerald Kevin D Etali	PFP	Ag / passive		470-187-10	470-187-10	No	CH61A	RR
OS-0136-1			KENOZA ST	179 KENOZA ST	Smith James C	PFP	Ag / passive, active		470-187-9	470-187-9	No	CH61A	RR
OS-0137-1			KENOZA ST	226 KENOZA ST	Porier Ronald J	PFP	Ag / passive		467-185-27	467-185-27	No	CH61A	SC/RR
OS-0138-01			KENOZA AVE		City Of Haverhill	Mun	Urban park/exist.		620-531-1	620-531-1	Yes	UK	RH
OS-0139-01			EDGEHILL RD		City Of Haverhill	Mun	Wooded/access to Gale Hill Reservoir		664-1-86	664-1-86	Yes	waterworks	RM
OS-0140-01			CONCORD ST		City Of Haverhill	Mun	Wooded / NA		663-3-10	663-3-10	Yes	waterworks	RM
OS-0140-02			GALE AVE		City Of Haverhill	Mun	Wetland / NA		663-3-41	663-3-41	Yes	waterworks	RM
OS-0141-01			WESTMINSTER AVE		City Of Haverhill	Mun	Wetland / abuts JGW ballfields		657-3-24	657-3-24	Yes	WPA	SC
OS-0141-01			WESTMINSTER AVE		City Of Haverhill	Mun	Wetland / abuts JGW ballfields		657-3-24	657-3-24	Yes	WPA	SC
OS-0142-01			WHITNEY AVE		City Of Haverhill	Mun	Wet / NA		731-761-29	731-761-29	Yes	WPA	BP
OS-0142-02			WHITNEY AVE		City Of Haverhill	Mun	Wet / NA		731-761-29	731-761-29	Yes	WPA	BP

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OS-0142-03			WHITNEY AVE		City Of Haverhill	Mun	Wet / NA		731-761-29	731-761-29	Yes	WPA	BP
OS-0142-04			WHITNEY AVE		City Of Haverhill	Mun	Wet / NA		731-761-29	731-761-29	Yes	WPA	BP
OS-0142-05			WHITNEY AVE		City Of Haverhill	Mun	Wet / NA		731-761-29	731-761-29	Yes	WPA	BP
OS-0142-06			WHITNEY AVE		City Of Haverhill	Mun	Wet / NA		731-761-29	731-761-29	Yes	WPA	BP
OS-0142-07			WHITNEY AVE		City Of Haverhill	Mun	Wet / NA		731-761-29	731-761-29	Yes	WPA	BP
OS-0142-08			WHITNEY AVE		City Of Haverhill	Mun	Wet / NA		731-761-29	731-761-29	Yes	WPA	BP
OS-0142-09			WHITNEY AVE		City Of Haverhill	Mun	Wet / NA		731-761-29	731-761-29	Yes	WPA	BP
OS-0142-10			WHITNEY AVE		City Of Haverhill	Mun	Wet / NA		752-2-123	752-2-123	Yes	WPA	BP
OS-0142-11			WHITNEY AVE		City Of Haverhill	Mun	Wet / NA		752-2-123	752-2-123	Yes	WPA	BP
OS-0142-12			WHITNEY AVE		City Of Haverhill	Mun	Wet / NA		752-2-123	752-2-123	Yes	WPA	BP
OS-0142-13			WHITNEY AVE		City Of Haverhill	Mun	Wet / NA		752-2-123	752-2-123	Yes	WPA	BP
OS-0142-14			OXFORD AVE		City Of Haverhill	Mun	Wet / NA		731-767-1	731-767-1	Yes	WPA	RH
OS-0142-15			S ST		City Of Haverhill	Mun	Wet / NA		731-767-15	731-767-15	Yes	WPA	RH
OS-0142-16			OXFORD AVE		City Of Haverhill	Mun	Wet / NA		731-767-1	731-767-1	Yes	WPA	RH
OS-0142-17			OXFORD AVE		City Of Haverhill	Mun	Wet / NA		731-767-1	731-767-1	Yes	WPA	RH
OS-0142-18			OXFORD AVE		City Of Haverhill	Mun	Wet / NA		731-767-1	731-767-1	Yes	WPA	RH
OS-0143-01			AVCO RD		City Of Haverhill	Mun	Infrastructure/NA		764-1-1A	764-1-1A	Yes	UK	BP
OS-0144-01			WILLOW AVE	192 WILLOW AVE	Souley Eric J	PFP	House & pasture / passive		768-779-12	768-779-12	No	CH61A	SC
OS-0145-01	Bailey CR		KINGSBURY AVE		Bailey Perley Etux	PNp	Wooded / Passive		772-779-3	772-779-3	No	CR	SC
OS-0146-01			WILLOW AVE	82 WILLOW AVE	The Marilyn Deschereau Liv Tr	LT	House & ag field / passive		768-779-9	768-779-9	No	CH61	SC
OS-0147-01			KINGSBURY AVE		Dorthy O Day Life Estate	LT	Ag field / passive, active field		772-793-44	772-793-44	No	CH61A	SC
OS-0148-01	Crescent Farms subdivision O. S.		SHERWOOD DR		City Of Haverhill	Mun	Wooded, wetland /Passive		781-3-50D	781-3-50D	Yes	Regulatory O.S. / WPA	RL
OS-0149-01	Crescent Farms subdivision O. S.		SUSSEX CT		City Of Haverhill	Mun	Wooded, wetland /Passive		782-2-50B	782-2-50B	Yes	Regulatory O.S. / WPA	RL
OS-0150-01	Crescent Farms subdivision O. S.		TUDOR CT		City Of Haverhill	Mun	Wooded /Passive		768-50-30A	768-50-30A	Yes	Regulatory O.S.	RL
OS-0151-01	Wood School play fields		GERMAIN AVE		City Of Haverhill	Mun	Active / existing		714-689-3	714-689-3	Yes	UK	RH
OS-0152-01			SOUTH COGSWELL ST		City Of Haverhill	Mun	Abandoned ROW / NA		744-6-5	744-6-5	Yes	UK	RH
OS-0153-01	Buswell Brook		GLEN MEADOW RD		City Of Haverhill	Mun	Wetland / NA		747-3-15	747-3-15	Yes	WPA	RH
OS-0154-07			CRESCENT RD		City Of Haverhill	Mun	Wood/Passive		729-709-233	729-709-233	Yes	UK	RM

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OS-0154-08			CRESCENT RD		City Of Haverhill	Mun	Wood/Passive		729-709-236	729-709-236	Yes	UK	RM
OS-0154-09			CRESCENT RD		City Of Haverhill	Mun	Wood/Passive		729-709-238	729-709-238	Yes	UK	RH
OS-0154-10			CRESCENT RD		City Of Haverhill	Mun	Wood/Passive		729-709-238	729-709-238	Yes	UK	RH
OS-0154-11			CRESCENT RD		City Of Haverhill	Mun	Wood/Passive		729-709-242	729-709-242	Yes	UK	RH
OS-0154-12			CRESCENT RD		City Of Haverhill	Mun	Wood/Passive		729-709-242	729-709-242	Yes	UK	RH
OS-0154-13			CRESCENT RD		City Of Haverhill	Mun	Wood/Passive		729-709-247	729-709-247	Yes	UK	RH
OS-0154-14			CRESCENT RD		City Of Haverhill	Mun	Wood/Passive		729-709-249	729-709-249	Yes	UK	RH
OS-0154-15			CRESCENT RD		City Of Haverhill	Mun	Wood/Passive		729-709-250	729-709-250	Yes	UK	RH
OS-0154-16			CRESCENT RD		City Of Haverhill	Mun	Wood/Passive		729-709-259	729-709-259	Yes	UK	RH
OS-0154-17			CRESCENT RD		City Of Haverhill	Mun	Wood/Passive		729-710-223	729-710-223	Yes	UK	RH
OS-0154-18			CRESCENT RD		City Of Haverhill	Mun	Wood/Passive		729-710-223	729-710-223	Yes	UK	RH
OS-0154-19			CRESCENT RD		City Of Haverhill	Mun	Wood/Passive		729-710-221	729-710-221	Yes	UK	RH
OS-0154-20			CRESCENT RD		City Of Haverhill	Mun	Wood/Passive		729-710-221	729-710-221	Yes	UK	RH
OS-0154-21			RESERVOIR PK		City Of Haverhill	Mun	Wood/Passive		729-712-377	729-712-377	Yes	UK	RH
OS-0154-22			RESERVOIR PK		City Of Haverhill	Mun	Wood/Passive		729-712-377	729-712-377	Yes	UK	RH
OS-0154-23			RESERVOIR PK		City Of Haverhill	Mun	Wood/Passive		729-712-374	729-712-374	Yes	UK	RH
OS-0154-24			RESERVOIR PK		City Of Haverhill	Mun	Wood/Passive		729-712-374	729-712-374	Yes	UK	RH
OS-0154-25			RESERVOIR PK		City Of Haverhill	Mun	Wood/Passive		729-712-374	729-712-374	Yes	UK	RH
OS-0154-26			RIVERVIEW AVE		City Of Haverhill	Mun	Wood/Passive		729-712-181	729-712-181	Yes	UK	RH
OS-0154-27			RIVERVIEW AVE		City Of Haverhill	Mun	Wood/Passive		729-712-181	729-712-181	Yes	UK	RH
OS-0154-28			RIVERVIEW AVE		City Of Haverhill	Mun	Wood/Passive		729-712-181	729-712-181	Yes	UK	RH
OS-0154-29			RIVERVIEW AVE		City Of Haverhill	Mun	Wood/Passive		729-712-181	729-712-181	Yes	UK	RH
OS-0154-30			RIVERVIEW AVE		City Of Haverhill	Mun	Wood/Passive		729-712-181	729-712-181	Yes	UK	RH
OS-0154-31			RIVERVIEW AVE		City Of Haverhill	Mun	Wood/Passive		729-712-181	729-712-181	Yes	UK	RH
OS-0154-32			RIVERVIEW AVE		City Of Haverhill	Mun	Wood/Passive		729-712-181	729-712-181	Yes	UK	RH
OS-0154-33			RIVERVIEW AVE		City Of Haverhill	Mun	Wood/Passive		729-713-179	729-713-179	Yes	UK	RH
OS-0154-34			RIVERVIEW AVE		City Of Haverhill	Mun	Wood/Passive		729-713-179	729-713-179	Yes	UK	RH
OS-0154-35			RIVERVIEW AVE		City Of Haverhill	Mun	Wood/Passive		729-713-177	729-713-177	Yes	UK	RH
OS-0154-36			RIVERVIEW AVE		City Of Haverhill	Mun	Wood/Passive		729-713-177	729-713-177	Yes	UK	RH
OS-0154-37			RIVERVIEW AVE		City Of Haverhill	Mun	Wood/Passive		729-714-167	729-714-167	Yes	UK	RH
OS-0154-38			RIVERVIEW AVE		City Of Haverhill	Mun	Wood/Passive		729-714-167	729-714-167	Yes	UK	RH
OS-0154-39			RIVERVIEW AVE		City Of Haverhill	Mun	Wood/Passive		729-714-167	729-714-167	Yes	UK	RH
OS-0154-40			RIVERVIEW AVE		City Of Haverhill	Mun	Wood/Passive		729-714-167	729-714-167	Yes	UK	RH
OS-0154-41			RIVERVIEW AVE		City Of Haverhill	Mun	Wood/Passive		729-714-167	729-714-167	Yes	UK	RH
OS-0154-42			RIVERVIEW AVE		City Of Haverhill	Mun	Wood/Passive		729-714-167	729-714-167	Yes	UK	RH
OS-0154-43			RIVERVIEW AVE		City Of Haverhill	Mun	Wood/Passive		729-714-167	729-714-167	Yes	UK	RH
OS-0154-44			RIVERVIEW AVE		City Of Haverhill	Mun	Wood/Passive		729-714-167	729-714-167	Yes	UK	RH
OS-0154-45			RIVERVIEW AVE		City Of Haverhill	Mun	Wood/Passive		729-714-163	729-714-163	Yes	UK	RH
OS-0154-46			RIVERVIEW AVE		City Of Haverhill	Mun	Wood/Passive		729-714-163	729-714-163	Yes	UK	RH
OS-0154-47			RIVERVIEW AVE		City Of Haverhill	Mun	Wood/Passive		729-714-163	729-714-163	Yes	UK	RH

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OS-0154-48			RIVERVIEW AVE		City Of Haverhill	Mun	Wood/Passive		729-714-163	729-714-163	Yes	UK	RH
OS-0154-49			VALLEYVIEW AV		City Of Haverhill	Mun	Wood/Passive		729-717-87	729-717-87	Yes	UK	RH
OS-0154-50			VALLEYVIEW AV		City Of Haverhill	Mun	Wood/Passive		729-717-87	729-717-87	Yes	UK	RH
OS-0154-51			RESERVOIR PK		City Of Haverhill	Mun	Wood/Passive		729-711-A	729-711-A	Yes	UK	RH
OS-0155-01			BARKER ST	66 BARKER ST	City Of Haverhill	Mun	Wooded / NA		773-792-6A	773-792-6A	Yes	Watershed/WPA	SC
OS-0156-01			BOXFORD RD	562 BOXFORD RD	Chadwick Kenneth H Sr	PFP	Ag residence/NA		775-791-20	775-791-20	No	CH61A	SC
OS-0156-02			BOXFORD RD	562 BOXFORD RD	Chadwick Kenneth H Sr	PFP	Ag / passive		775-791-20	775-791-20	No	CH61A	SC
OS-0157-01			MARBLE LN		City Of Haverhill	Mun	Wet / NA		775-791-26B	775-791-26B	Yes	watershed	SC
OS-0158-01			BOXFORD RD		Stasinos Chris	PFP	Ag / existing, extension of Wheeler Woods		773-793-14	773-793-14	No	CH61A	SC
OS-0158-02			BOXFORD RD		Stasinos Chris	PFP	Ag / existing, extension of Wheeler Woods		773-793-14	773-793-14	No	CH61A	SC
OS-0159-01			SALEM ST	232 SALEM ST	Paszko Family R.T.	LT	Ag / passive, active		735-787-5	735-787-5	No	CH61A	RH
OS-0159-02			CURTIS AVE		Paszko Margaret C Etux	LT	Ag / passive		735-788-18	735-788-18	No	CH61A	RH/RR
OS-0160-01	Old Bradford Burial Ground		SALEM ST	280 SALEM ST	City Of Haverhill	Mun	Cemetery / existing		735-788-3	735-788-3	Yes	cemetery	RR
OS-0161-01			GROVELAND RD		City Of Haverhill	Mun	Wetland / NA		769-789-1	769-789-1	Yes	WPA	RL
OS-0162-01	Anton Farm		WEST LOWELL AVE		Anton Haverhill R.T.	LT	Ag / Passive		589-421-4-2	589-421-4-2	No	CH61A	RR
OS-0163-01	Chasberry Farm		BROADWAY	1513 BROADWAY	Chadsey Charles E III	PFP	Ag homestead / passive		590-443-8	590-443-8	No	CH61A	RM
OS-0163-02	Chasberry Farm		BROADWAY	1513 BROADWAY	Chadsey Charles E III	PFP	Ag homestead / passive		590-443-8	590-443-8	No	CH61A	RM
OS-0163-03	Chasberry Farm		BROADWAY	1513 BROADWAY	Chadsey Charles E III	PFP	Ag homestead / passive		590-443-8	590-443-8	No	CH61A	RM/RR
OS-0163-04	Chasberry Farm		BROADWAY		Chadsey Charles	PFP	Ag / passive		573-1-6	573-1-6	No	CH61A	RR
OS-0163-05	Chasberry Farm		CRYSTAL CT		Chadsey Charles E III	PFP	Ag / passive		573-1-30	573-1-30	No	CH61A	RR
OS-0164-01	Mscisz Horse Farm		CRYSTAL ST		P and M Mscisz R.T.	PFP	Ag / passive, active		574-2-14	574-2-14	No	CH61A	RR

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OS-0164-02	Mscisz Horse Farm		CRYSTAL ST		P and M Mscisz R.T.	PFP	Ag / passive, active		574-2-14	574-2-14	No	CH61A	RR
OS-0164-03	Mscisz Horse Farm		CRYSTAL ST		P and M Mscisz R.T.	PFP	Ag / passive, active		574-2-14	574-2-14	No	CH61A	RR
OS-0164-04	Mscisz Horse Farm		CRYSTAL ST		P and M Mscisz R.T.	PFP	Ag homestead / passive		574-2-14	574-2-14	No	CH61A	RR
OS-0164-05	Mscisz Horse Farm		CRYSTAL ST		P and M Mscisz R.T.	PFP	Ag homestead / passive		574-2-14	574-2-14	No	CH61A	RR/SC
OS-0164-06	Mscisz Horse Farm		CRYSTAL ST	231 CRYSTAL ST	P and M Mscisz R.T.	PFP	Ag homestead / passive		574-2-14	574-2-14	No	CH61A	RR/SC
OS-0164-07	Mscisz Horse Farm		CRYSTAL ST		P and M Mscisz R.T.	PFP	Ag homestead / passive		574-2-14	574-2-14	No	CH61A	RR
OS-0165-01	Meserve		CRYSTAL ST		Bishop Janice Etali	PFP	Forest / Passive		576-436-27	576-436-27	No	CH61	SC
OS-0165-02	Meserve		CRYSTAL ST		Bishop Janice	PFP	Forest / Passive		576-436-18	576-436-18	No	CH61	SC
OS-0165-03	Meserve		CRYSTAL ST		Bishop Janice Etali	PFP	Forest / Passive		576-436-18F	576-436-18F	No	CH61	SC
OS-0165-04	Meserve		CRYSTAL ST		Bishop Janice Etali	PFP	Forest / Passive		576-436-18C	576-436-18C	No	CH61	SC
OS-0165-05	Meserve		CRYSTAL ST		Bishop Janice Etali	PFP	Forest / Passive		576-435-17	576-435-17	No	CH61	SC
OS-0166-01	Tardy Farm		BROWNS LN		Tardy Walter	PFP	Ag / passive		576-432-1A	576-432-1A	No	CH61A	RR
OS-0166-02	Tardy Farm		BROWNS LN		Tardy Walter	PFP	Ag / passive		576-432-1A	576-432-1A	No	CH61A	RR
OS-0166-03	Tardy Farm		BROWNS LN	73 BROWNS LN	Tardy Walter	PFP	Ag / passive		586-431-12	586-431-12	No	CH61A	RR
OS-0167-01			HILLDALE AVE		City Of Haverhill	Mun	Wooded / Passive		586-431-14A	586-431-14A	Yes	UK	RR
OS-0168-01	Luongo Farm		HILLDALE AVE		Dixieland, LLC	PFP	Ag / passive, connection to John's Woods		585-431-22	585-431-22	No	CH61A	RR
OS-0168-02	Luongo Farm		HILLDALE AVE		Dixieland, LLC	PFP	Ag & solar farm / passive		585-431-22	585-431-22	No	CH61A	RR/BP
OS-0169-01	Hannan Ridge Area		HANNAN RIDGE RD		City Of Haverhill	Mun	Wooded / Passive access		575-3-4AC	575-3-4AC	Yes	NA	RR
OS-0169-02	Hannan Ridge Area		HANNAN RIDGE RD		City Of Haverhill	Mun	Wooded / Passive access		575-3-4AA	575-3-4AA	Yes	NA	RR
OS-0169-03	Hannan Ridge Area		HANNAN RIDGE RD		City Of Haverhill	Mun	Wooded / Passive access		575-3-4AB	575-3-4AB	Yes	NA	RR
OS-0170-01			BROADWAY		City Of Haverhill	Mun	Wetland / NA		539-439-4	539-439-4	Yes	WPA	RM
OS-0170-02			BROADWAY		City Of Haverhill	Mun	Wetland / NA		539-439-4A	539-439-4A	Yes	WPA	RM
OS-0171-01			BROADWAY		City Of Haverhill	Mun	Wetland / NA		539-439-34	539-439-34	Yes	WPA	RR

Open Space ID	Open Space Name	Open Space Also Known As	Open Space ROW	Open Space Address	Open Space Owner's Name	Open Space Owner Type	General Use & Recreation Potential	Open Space Grant Program	GIS_ID	Tax_ID	Public Access	Degree of Open Space Protection	Zoning
OS-0172-01			NORTH BROADWAY	643 NORTH BROADWAY	JP R.T.	LT	Ag / passive, active		571-4-8	571-4-8	No	CH61A	RR
OS-0173-01			CRYSTAL ST		City Of Haverhill	Mun	Wooded watershed / passive, connect to Crystal Shores		573-2-1	573-2-1	Yes	WPA / watershed	SC
OS-0173-02			CRYSTAL ST		City Of Haverhill	Mun	Wooded wetland watershed / passive, connect to Crystal Gorge		573-2-6-2	573-2-6-2	Yes	WPA / watershed	SC