

**Town of Chelmsford
Open Space and Recreation Plan
Update 2010**



***AT THE CROSSROADS OF
WHERE WE LIVE AND PLAY***

Final Revision - February, 2011

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Section 1: Plan Summary

Open Space and Recreation land provides a quality of life to the residents of Chelmsford. The maintenance, improvement, acquisition, and accessibility of these resources are discussed in this Open Space and Recreation Plan (OSRP).

Since the last OSRP in 2003, the Town of Chelmsford has made open space improvements and progress on its goals. The Chelmsford Open Space Stewards was created by a citizens' initiative and helps maintain hundreds of acres of public and private conservation land, open space, and recreation areas. The first phase of the Bruce Freeman Rail Trail has been opened in Chelmsford creating a transportation and recreation path for non-motorized vehicles and pedestrians. New open space has been acquired including Red Wing Farm on Maple Road, Sunny Meadow Farm on Robin Hill Road, and Heart Pond beach and playground on Pond Street. The Town-wide sewer project will be completed in 2011, eliminating much of the pollution caused by outdated wastewater disposal and allowing some previously unbuildable land to now be developed.

One change since 2003, which is viewed by the OSRP committee as a setback, is the dissolving of the Recreation Department. This has resulted in the perception of a lack of advocacy and proactive planning for recreational facilities. This also resulted in public confusion regarding recreation facility management; such as scheduling and identifying capital needs and improvements.

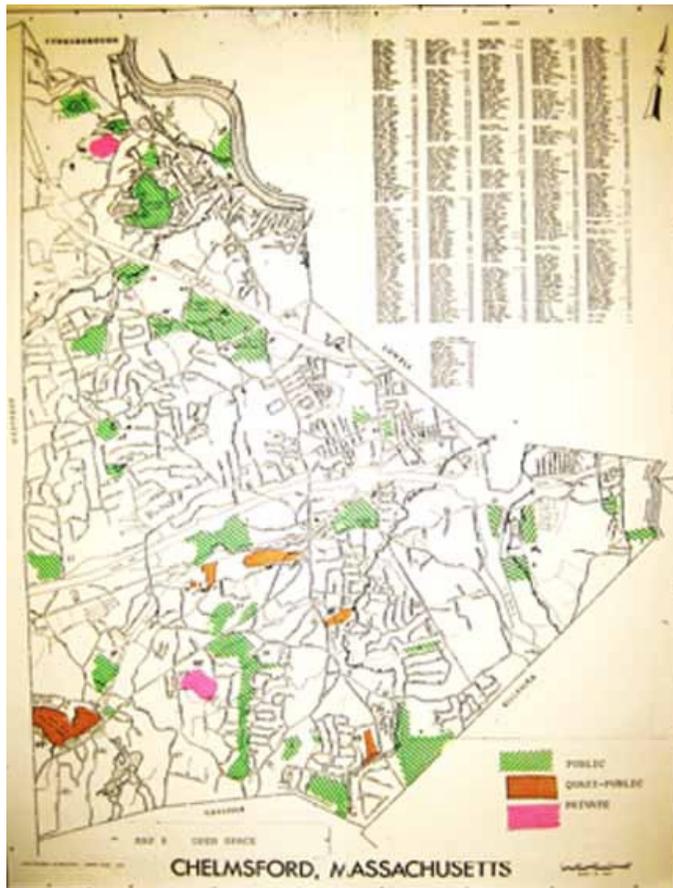
Even with the above improvements, most Chelmsford residents (according to a recent OSRP survey, open forums, and questionnaires sent to stakeholders) would like more land designated as protected and would like more easily accessible recreation lands.

The Community Preservation Act has provided much of the funding for purchasing open space and is expected to be a leading funding source in the near future.

Chelmsford's open space is owned and managed by water districts, the Town Manager, the School Department, the Conservation Commission, the Cemetery Commission, private organizations (specifically the Chelmsford Land Conservation Trust), the Commonwealth of Massachusetts, and private citizens. In some instances, the management of any particular parcel is left to the last owner assigned and not based on the land usage, standardized criteria such as highest and best use, or other planning goals

and objectives. For example, a plot of land acquired for unpaid taxes usually remains under the management of the Board of Selectman even if it is adjacent and substantially valuable to a plot managed by the Conservation Commission. This OSRP recommends all town-owned lands be assigned to the most appropriate management group, including the Board of Selectman, the Conservation Commission, and a designated Recreation Commission, and that each group create a simple but clear land management plan for major parks and open spaces.

The general goals of the plan are assessing the community needs, managing the existing properties, engaging and educating the public, and acquiring or developing new facilities. More specific examples of objectives and actions to achieve the goals include creating non-motorized access to and between open space and recreation lands, acquiring new and protecting existing open space, creating more pocket parks with walkable accessibility to neighborhoods, formalizing the Chelmsford Open Space Stewards to help ensure their continued existence, and ensuring that additional or adequate sports fields are available for formal and informal uses including lesser known sports.



1979 Open Space and Recreation Plan Inventory Map

Section 2: Introduction

A. Statement of Purpose

Open spaces and recreation areas contribute to the quality of life in Chelmsford and the Open Space and Recreation Plan is a tool to guide the maintenance, improvement, acquisition, and accessibility of those resources for the inhabitants of Chelmsford.

The Chelmsford Open Space & Recreation Plan Update 2010 (OSRP) is the sixth of its kind to be prepared by the Town for the future management of its natural resources, open spaces and recreational opportunities. The OSRP reviews the progress made since the last plan was updated seven years ago and provides new data to further assist the open space and recreation planning process.



Chelmsford Open Space Stewards at Lime Quarry Reservation

An important component of the OSRP is to define open space. The definition is found in the introduction to Section 5.

The priority of the OSRP is protecting and maintaining existing open space and recreation areas. The Chelmsford Open Space Stewardship (COSS) is an independent group of dedicated volunteers who formed in 2005 to work with the Chelmsford Conservation

Commission in maintaining and improving the trail systems within Chelmsford's conservation reservations. Subsequently, their effort has expanded to include other open spaces, both private and public, that are not directly under the control of the Conservation Commission. The plan outlines goals for sustaining volunteer recruitment and support, enhancing environmental education and awareness, and improving the user's experience on open space and recreation properties.

Designation of existing vacant land to protected open space, as well as acquisition of new open space and recreation areas through donations of land, conservation restrictions, and/or purchase should continue to be pursued. The OSRP outlines a methodology for preserving existing vacant lands that are identified as important potential open space areas. This plan recommends coordination with other Boards and Commissions and private entities that have particular interest in certain open spaces, such the

Agricultural Commission, Bicycle and Pedestrian Advisory Committee, Cemetery Commission, Community Preservation Committee, Conservation Commission, Historical Commission, and Chelmsford Land Conservation Trust (CLCT), as well as other non-profit and civic groups.

The Recreation Commission was dissolved by the Town Manager in 2007 after being dormant for several years and eliminated a regular source for assessing recreational programs and facilities. This plan recommends that a recreation commission or other designated responsible entity be created to review the current recreation conditions, assess the quantity and quality of the facilities, suggest a strategy for maintaining a beneficial system of governance, and propose improving recreational opportunities for future needs.

This report identifies the Town’s priorities to ensure successful implementation of the goals and objectives discussed in this plan. The OSRP takes the additional step of recommending specific organizations that are best suited for working together to complete the action items described herein.

B. Planning Process and Public Participation

The OSRP expands on the natural resource and open space and recreation chapter completed in 2010 by the Master Plan Committee. The extensive public participation process utilized to help formulate the recommendations set forth in the Master Plan ensured that the document’s goals for the OSRP reflect the needs and desires of the community. The Master Plan Committee advertised visioning sessions and public forums on several topics covering open space and recreation; these include land use and natural, cultural, and historic resources. These public input sessions are outlined in the table below:

MASTER PLAN PUBLIC INPUT SESSIONS: MARCH 2009 – OCTOBER 2010

Event	Date	Number of Participants
Initial Visioning Session	March 24, 2009	57
Business Visioning Session	May 6, 2009	25
Public Forum on Land Use/ Zoning, Economic Development, and Housing	June 3, 2009	60
Public Forum on Transportation	September 17, 2009	25
Public Forum on Natural, Cultural, and Historic Resources	October 7, 2009	41
Public Input Session on the Draft Master Plan document	September 16, 2010	54

Source: NMCOG
From the Chelmsford Master Plan

Each Master Plan public input session was advertised with flyers, on the Town website, published in a paper of local circulation (Chelmsford Independent), and posted as public meetings at Town Hall.

Public input received from the 2010 master plan process, as well as boards, commissions, committees, Town departments, water districts, and nonprofit groups, was collected and integrated into the OSRP. A list of the organizations invited to participate in the OSRP public input process is provided below:

- | | |
|--|---------------------------------------|
| ◆ Community Development Department | ◆ Chelmsford Housing Authority |
| ◆ Permanent Building Committee | ◆ Planning Board |
| ◆ School Committee | ◆ Board of Health |
| ◆ Conservation Commission | ◆ Chelmsford Water Districts |
| ◆ Town Manager | ◆ Girl Scouts and Boy Scouts |
| ◆ Slow Growth Initiative | ◆ Building Department |
| ◆ Affordable Housing Committee | ◆ Zoning Board of Appeals |
| ◆ Historic Commission | ◆ Sewer Commission |
| ◆ Community Preservation Committee (CPC) | ◆ Assessors Department |
| ◆ Bicycle and Pedestrian Advisory Committee (BPAC) | ◆ Chelmsford Open Space Land Stewards |
| ◆ Department of Public Works (DPW) | ◆ Board of Selectmen |
| ◆ Agricultural Commission | ◆ Cemetery Commission |

All were invited to attend the twelve monthly public meetings of the OSRP Committee held between January and September of 2010. Emails and/or letters were sent to representatives from each of the organizations listed above (*See Section 10*). Each meeting was advertised on the Town's website and posted as a public meeting at Town Hall.

Feedback was also gathered from a community survey made available on the internet and in printed format (*See Appendix 3*). The printed survey was distributed to the Library, Senior Center, and Town Hall where signs advertised and encouraged citizens to participate. Paper surveys were collected and entered into the electronic survey database. Surveys were also made available online through SurveyMonkey.com with advertised links on chelmsfordmassnews.com and the Town's website.

The final draft OSRP was presented at a public meeting of the Board of Selectmen on October 4, 2010 at which time the Committee solicited the Town for edits and additional input. This additional public feedback in the form of comments and edits has been integrated into the final version of the OSRP along with the DCS comments.

C. Enhanced Outreach and Public Participation

Enhanced outreach to the Town's Environmental Justice Neighborhood (EJN) was coordinated through the 2010 Master Plan process that contacted

businesses located within the mostly commercially developed EJN surrounding the landfill located on Drum Hill (*See Required Map 2 in Appendix 1*). The Chelmsford Business Association and Economic Development Commission wrote letters and made personal contacts via phone and email with some of the establishments operating within the EJN.

When inhabitants of the EJN were identified at other public events (Conservation Commission meetings, Planning Board meetings, etc.) they were directly informed and asked to participate in the open space planning process. This includes abutters adjacent to a public well located on Smith Street and a handful of residents living within the Chelmsford Village Condominiums on North Road. One member of the Conservation Commission lives within the EJN and in addition to participating in the OSRP process themselves, the Commissioner reached out to neighbors to collect their ideas and encourage them to participate in the OSRP meetings, survey, and final review of the OSRP plan.

Lastly, representatives from the OSRP Committee met with the owners of the Glenview Landfill (located within the EJN), the Department of Environmental Protection, the Board of Health, and the Chelmsford Water District after a fire in November, 2010 to discuss options for bringing the landfill into compliance and making the neighborhood safer (*See Article in Appendix 3*).

The Open Space and Recreation Plan Committee was appointed by the Town Manager in December of 2009 and includes the following representatives:

- Beth Logan - Chairman, Conservation Commission / CPC
- Michael Koziel, Bicycle and Pedestrian Advisory Committee
- Rebecca Markey, Chelmsford Land Conservation Trust, Inc. / CPC
- David McLachlan, Conservation Commission
- Erik Merrill, Animal Control Officer
- Steven Roberts, Open Space Stewardship / Permanent Building Committee
- Edmond Roux, Planning Board
- Charles Wojtas, Agricultural Commission

Thad Soulé, Planner/Conservation Agent served as the staff representative and administrative support for the Committee. The Committee held open public meetings between January and September of 2010 to draft the OSRP.

Section 3: Community Setting

A. Regional Context

Chelmsford is a suburban town of over 34,000 people living within a 22.5 square mile area located 24 miles northwest of Boston and 10 miles south of New Hampshire. Bounded by the City of Lowell and the towns of Billerica, Carlisle, Westford, and Tyngsborough, Chelmsford is part of the greater Lowell region in northern Middlesex County. Greater Lowell is part of a larger metropolitan region oriented towards Nashua, NH, Interstates 95/495 and the Boston/Cambridge core.

Two major highways bisect the Town and place Chelmsford within two major regional transportation corridors. Route 3 connects the suburbs of Boston with southern New Hampshire and environs further north. Interstate 495 connects travelers from the North Shore, Worcester, and Cape Cod. State routes connect Chelmsford with surrounding local communities, including Route 27 (Westford and Acton), Route 110 (Westford, Littleton and Lowell), Route 4 (Bedford and Carlisle), Route 3A (Tyngsborough), Route 40 (Westford and Groton), and Route 129 (Billerica).

Chelmsford is located within the Merrimack and Concord River watersheds. The Merrimack River creates the Town boundary between Chelmsford, Tyngsborough and Lowell. The Concord River serves as a Town boundary between Chelmsford, Lowell, and Billerica.

The last regional open space strategic plan was completed in 2002 by the Northern Middlesex Council of Governments (NMCOG) planning agency for The Trustees of Reservations (TTOR). The key parts of the strategy were to “emphasize green open space networks rather than focusing on specific properties in isolation”, in particular ensuring a watershed focus on green infrastructure. The plan’s recommendations for the region are still applicable to the current priorities within Chelmsford.

- *Connection and Access*: a network of greenways and trails linking major open space destinations and following the shores of major rivers and streams, as well as new public access points along the rivers and on the shores of ponds;
- *Experience and Understanding*: a community-based environmental inventory of urban, suburban, and rural open spaces in the region to widen the constituency for open space preservation and enjoyment and to provide the foundation for regional priorities;
- *Stewardship and Heritage*: a program of regional criteria for open space protection and maintenance to create alliances of local land

trusts, open space committees, historical commissions, and other appropriate groups to help them expand their capacity and enhance public knowledge of how local resources fit into a wider regional story of the interplay of nature and culture.

Shared Regional Resources

Each of the shared resources listed below are important to Chelmsford residents as open space and/or recreational opportunities and are described in more detail within Section 5.

- Bruce Freeman Rail Trail (Lowell and Westford)
- Great Brook Farm State Park (Carlisle)
- Cranberry Bog (Carlisle)
- Merrimack River (Lowell and Tyngsborough)
- Middlesex Canal (Billerica and Lowell)
- Stony Brook Watershed (Westford)
- River Meadow Brook Watershed (Carlisle and Lowell)
- Concord River (Billerica and Lowell)

B. History of the Community

The Wamesit Tribe made Chelmsford their home prior to settlement by people of European descent. The first non-native settlers arrived in 1652 from Woburn and Concord. The original petition granted by the General Court and Governor John Endicott in 1653 was for a 6-square-mile tract of land, which at the time did not extend as far as the Merrimack River. The town was incorporated in 1655, and named Chelmsford after the town in Essex, England, from which many of the original settlers came. It is the only town in the nation by this name. Early settlers were mostly farmers, with millers and other tradesmen following soon after.

Settlers found an almost unbroken landscape of untouched forest. The only un-forested areas were the meadows along the many streams and rivers and areas that were too rocky to support timber. Most of the early settlers established homesteads close to the Town center, as a decree of the Massachusetts General Court of 1635 mandated that no dwelling could be located more than one half mile from the meeting house.



Historic gathering at Thanksgiving Ground Forest



Thanksgiving Ground Forest 2009

In Chelmsford, as well as most other towns in 17th-century Massachusetts, the nature of the land did not allow such confined settlements. As a result, the settlers spread out through the town, settling on the best land they could find. Many of them established residence near the many streams, with associated meadows providing open land for tilling and pasture.

The growth of Chelmsford continued at a slow pace until the industrial development of the 1800s. Until this time, Chelmsford was still a predominantly agricultural community. The Merrimack River, by now established as the northern boundary of the town, provided energy for the mills. Another significant industry to develop in Chelmsford during this time was mining limestone and granite. Limestone mined from what is now the Lime Quarry Reservation was used to plaster many homes in Chelmsford and Lowell. Granite mined from Chelmsford quarries, known as “Chelmsford Granite” was highly regarded for its color and quality of



splitting easily along straight planes. Granite was transported on flatboats down the Middlesex Canal to Boston. By 1880, nearly half the population was employed in manufacturing, while most of the remainder worked the land.

As industrial expansion accelerated in the early 20th century, Chelmsford's population nearly doubled. In the early 1930s, despite the Great Depression and an exodus of textile manufacturing firms to the southern United States, the population continued to expand. The population expanded once again in the 1960s, following the construction of Interstate 495. This construction caused a major transformation of the town, from an agricultural and manufacturing community to a desirable suburban town. However, this growth severely depleted the amount of open space in Chelmsford as much of the farmland was sold and developed into large residential subdivisions of single-family homes.

Proximity to major highways and major urban centers (Boston and Lowell) resulted in another change for Chelmsford in the 1970s. Industry began to relocate from the cities to suburban towns like Chelmsford. This trend continued during the economic boom of the 1980s and 1990's fueled by networking, software, and other computer-related companies. Development within Chelmsford continues, albeit at a much slower pace.

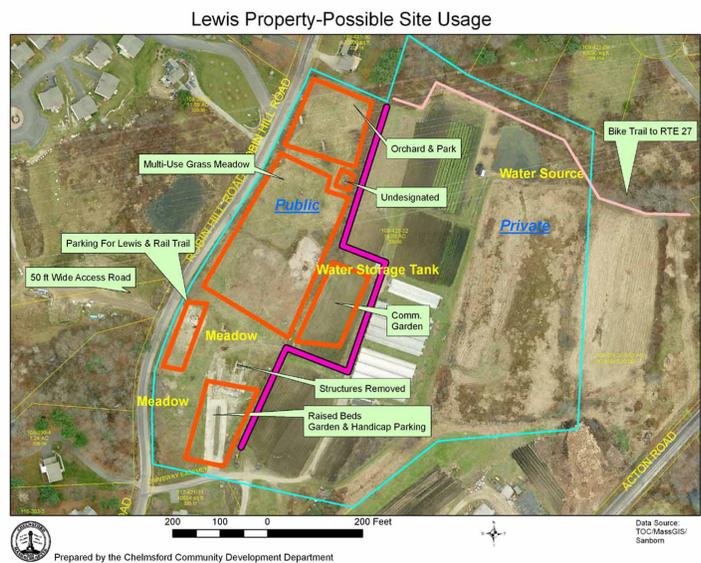
Bartlett Park, a former pasture, was the first parcel of protected open space. Donated by Harriett Bartlett in 1961 to the Chelmsford Land Trust, in hopes of preserving Chelmsford's agricultural heritage. The majority of the town's open space was purchased between 1961 and 1975. Additional parcels have been purchased since this time with latest purchase of Sunny Meadow Farm in 2008. However, the remaining open space continues to decrease, creating challenges to protecting the public water supply, natural environment, wildlife habitat, agricultural lands, and the perceived character of the Town. Today, the remains of Chelmsford's history are scattered throughout Town. There are fragments of agriculture in South Chelmsford, restored mill buildings along Stony Brook, and an historical district in the center of town.

Landmarks in Chelmsford's open space and recreation history that have taken place since the previous plan include: acquisition of new open spaces; formation of a volunteer open space stewardship; dissolving of the Recreation Commission; formation of an Agricultural Commission; increase in the Community Preservation Act surcharge; and the opening of the regional Bruce Freeman Rail Trail.

1. Land Acquisition

- 22.5 acres of protected open space acquired since 2003

In 2008 the Town acquired Sunny Meadow Farm (also called Walter Lewis Farm) using Community Preservation Act money. The 22.5 acre farm located between Robin Hill Road and Acton Road was sold to the Town for open space purposes and is subject to an Agricultural Preservation Restriction, which will be held by the CLCT. This agricultural property is being managed by the Town Manager as the site of Chelmsford's Walter F. Lewis Community Garden, a handicap accessible garden, tree propagation nursery, and remaining areas being leased to a private farmers for composting and plant propagation. A new parking area, irrigation system, and other improvements are planned to help



support continued agricultural use of the open space.

The Town also acquired an additional 50-foot wide parcel of land that runs parallel to the transmission corridor between the Bruce Freeman Rail Trail (BFRT) and Robin Hill Road. A bicycle and pedestrian path is planned within the parcel to link Sunny Meadow Farm to the BFRT.

2. Governance Reorganization

- Chelmsford Open Space Stewardship maintains over 750 acres
- Agricultural Commission will help promote open space protection
- Bicycle and Pedestrian Advisory Committee established

In 2005, the Chelmsford Open Space Stewardship (COSS) was formed as an independent group of volunteers who work with the Chelmsford



Conservation Commission to maintain and improve the Town's conservation reservations. The COSS has made significant improvements to the reservations, from picking up trash and keeping the trails free of fallen trees to replacing worn out bridges and kiosks and constructing new trails. The COSS is organized by individual site stewards who adopt a conservation reservation in order to create a regular presence on the trails and to perform ongoing maintenance. With the Town's acquisition of Sunny Meadow farm in 2008, the COSS expanded their responsibilities to include the Town-owned agricultural lands, open spaces and recreation areas.

The Recreation Department was dissolved by the Town Manager in 2007. Scheduling responsibilities for many of the Town's athletic fields was transferred to the School Department's Office of Community Education. Park and recreation facilities maintenance is supervised by the Town's Public Facilities Department.

An Agricultural Commission was formed by Town Meeting in 2009 and consists of five members appointed by the Board of Selectmen. The Agricultural Commission represents the farming community and serves as facilitators for encouraging and promoting the pursuit of agriculture and agricultural-based economic opportunities in Town.

The Commission is charged with developing a work plan to guide its activities and to advise the Town Manager in the care and use of Town-owned agricultural properties.

The Chelmsford Bicycle and Pedestrian Advisory Committee (BPAC) was formed in 2008 and consists of nine members nominated by the Town Manager. The duties of the BPAC include: working towards improvements to the bicycling and pedestrian conditions in Town; coordination of maintenance, policing, and enhancement of the BFRT and any future bicycle/pedestrian paths; providing advice and comment on any bicycle or pedestrian related issues to the Town Manager; and coordination of bicycling and pedestrian initiatives with Town, regional or state officials or agencies.

3. Funding

- Additional funding available through Community Preservation Act

In 2001, Chelmsford passed the Community Preservation Act, with a half percent (½%) property tax surcharge to provide for acquisition of open space, preservation of historic sites, and affordable housing. In 2007 the surcharge was increased to one and one half percent (1½%). These funds are matched in part by state contributions. The Act is administered by a Community Preservation Committee made up of nine members who help identify open space acquisition priorities, create an annual improvement plan, and implement the plan upon approval by Town Meeting.

4. Bruce Freeman Rail Trail

- Rail Trail provides recreation and connectivity to open spaces

Phase 1 of the multi-use bicycle/pedestrian BFRT consisting of 6.8 miles in Chelmsford and Westford was opened to the public in 2009. The complete trail is proposed to follow a dormant rail line through the communities of Lowell, Chelmsford, Westford, Carlisle, Acton, Concord, Sudbury and Framingham and will total over 25 miles. The trail is also proposed to link with the Concord River Greenway in Lowell. The BFRT provides for non-motorized uses such as cycling, jogging, walking, and cross country skiing and is an alternative access to several key conservation areas



Friends of the Bruce Freeman Rail Trail, 2010

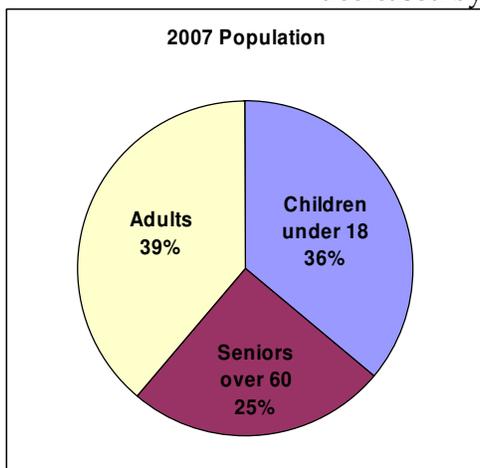
and recreation facilities. These areas in Chelmsford include the Center School, Bartlett Woodlot, Byam School, Red Wing Farm, Bovey Woodlot, Heart Pond, Route 110 ball fields, and Sunny Meadow Farm. An added benefit from the trail is an anticipated improvement in mobility for non-vehicular transportation within Town. The rail trail is also part of the northern branch of the proposed Bay Circuit Trail, which, when completed, will create a circuit around the suburbs of Boston from Plum Island to Kingston Bay.

C. *Population Characteristics*

- Fewer households have children
- More households have seniors

Chelmsford has maintained a fairly steady population over the last thirty 30 years. In 1990, the population was 32,383; in 2000 it was 33,858; and in 2008 it was estimated to be 34,409. The data from the US Census for 2000 and the 2006-2008 American Community Survey reveals that the total number of households in town increased by 354 or 2.8% between 2000 and 2008. However, the composition of these households changed considerably during this period. Family households decreased from 72.6% of total households in 2000 to 67.5% of total households in 2008, while non family households increased from 27.4% of total households in 2000 to 32.5% of total households in 2008. Non family households accounted for the growth in households between 2000 and 2008 with a gain of more than 770 households.

The number of households with individuals under 18 years of age decreased by 5.7% between 2000 and 2008, while the number of households



with individuals age 65 years and over increased by 10.2% during the same period. Single person households increased from 2,963 households in 2000 to 3,891 households in 2008 or by nearly a third. The average household size decreased from 2.61 persons in 2000 to 2.45 persons in 2008, while the average family size decreased from 3.11 persons in 2000 to 3.07 persons in 2008. The slower growth rate can be primarily attributed to smaller amounts of land available for development, although nationally declining birth rates and a trend towards small household sizes also limit the growth of the population.

The population is generally evenly distributed throughout Chelmsford, with an average housing density of 1 dwelling unit per acre. The median household income in Chelmsford in 2007 was \$87,252. School-aged

children comprise 36% of the population while 25% of the population is 60 years or older.

Environmental Justice Population

See Required Map 2 in Appendix 1

Based on the Massachusetts Executive Office of Energy and Environmental Affairs list of Cities and Towns that Include Environmental Justice Communities (Based on the 2000 U.S. Census Block Data), the Environmental Justice Community within Chelmsford (Block Group 317203-3) was designated based on 25% or more of the residents within the census block being minorities. The Environmental Justice Community has between 500 and 1,000 residents, of which less than 15% is children under the age of 18. Between 200 and 300 seniors reside in the identified community, this is greater than 50%. According to the Census, between 100 and 250 of the residents are non-white and less than 75 of the households do not speak English. There are less than 250 housing units with between 50 and 100 of those identified as rental units.

Although the physical boundaries of the identified Environmental Justice Community do not contain public open space or recreation facilities, there are two public schools with associated open spaces, fields, and playgrounds directly adjacent. Furthermore, within the City of Lowell, there is a private golf course that is within a quarter mile of the community. It is a recommendation that additional study be conducted to determine how best to provide additional access to open space and appropriate recreational facilities to serve this community. Based on the demographics of more than 50% of the population being older than 65 and the growing trend of an increasing number of seniors, it is recommended that free passive recreational trails for walking be created. Linked sidewalks and ADA accessible routes be identified. There is a senior housing facility within the community that should be supplied with information about the track, tennis courts, and existing facilities available at the nearby middle school.

Approximately 20-40 percent of households are low income within the Environmental Justice Community. Income for most seniors is likely to be fixed and not as critical a factor as access to the existing and any future proposed free open space and recreation facilities. The community is serviced by the Lowell Regional Transit Authority's (LRTA) Route 16 bus with direct stops at the senior housing facility and the commercial district at Drum Hill. The Chelmsford Senior Center is located on Route 17, also with a stop at Drum Hill. Thus, seniors wishing to use public transit must transfer between routes. LRTA should be included on potential

enhancements to bus routes that might better serve the seniors living within the Environmental Justice Community.

The major industrial employers in the community are located off Littleton Road and Billerica Road in eastern and western Chelmsford. There is a large commercial conglomerate within the EJ Community that includes Wal-Mart, Hannaford's, Sears, and other national chain retailers. These businesses provide jobs within the community, but do not necessarily contribute directly to the protection of open space within the community. Chelmsford has a community garden located at Sunny Meadow Farm and several local agricultural establishments that contribute to the farmers market in Town during the summer season. Current zoning protects the existing public schools and maintains the commercial and residential types as currently developed, including the multiple residence zoning that helps to maintain a balance of affordable housing within Town.

Employment and Industry

Chelmsford residents are employed in numerous industries. Growing industries between 2000 and 2008 include finance, insurance, and real estate (including leasing) and professional, scientific, management, and administrative and waste services. The table below illustrates the decline in employment opportunities affecting Chelmsford residents since the onset of the present economic recession, with all but three industry categories experiencing decreases over the past nine years.

PRIMARY EMPLOYMENT INDUSTRIES FOR CHELMSFORD RESIDENTS IN 2000 AND 2008

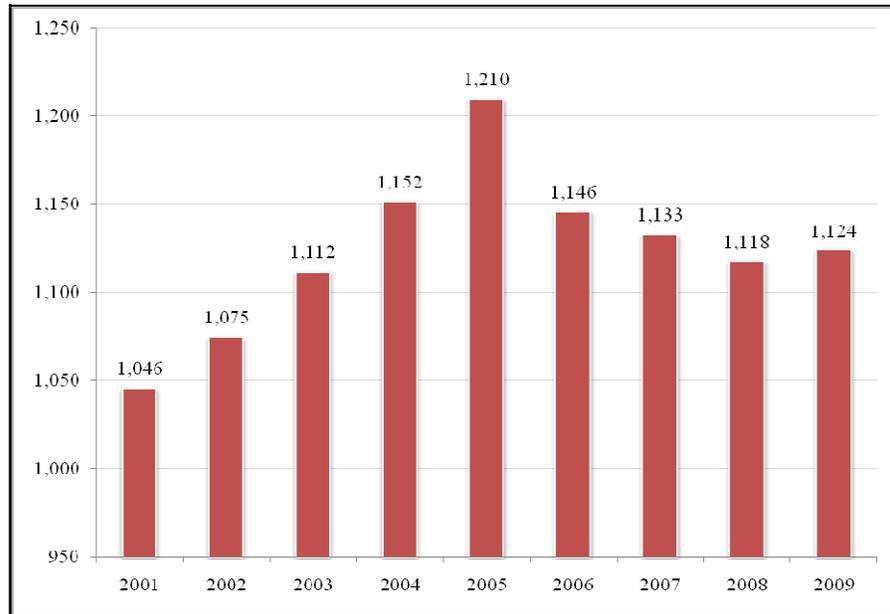
Industry	2000	2008	Percent Change, 2000-2008
Agriculture, Forestry, Fishing and Hunting, and Mining	39	22	-43.6
Construction	904	842	-6.9
Manufacturing	3,549	2,709	-23.7
Wholesale Trade	523	408	-22
Retail Trade	1,802	1,693	-6.0
Transportation, Warehousing, and Utilities	546	356	-34.8
Information	990	769	-22.3
Finance, Insurance, and Real Estate (Including leasing)	994	1,181	18.8
Professional, Scientific, Management, and Administrative and Waste Services	2,531	2,915	15.2
Educational Services, Health Care, and Social Assistance	4,272	4,005	-6.3
Arts, Entertainment, Recreation, Accommodation, and Food services	917	868	-5.3
Other services, except Public Administration	510	479	6.0
Public Administration	590	441	-25.3

Source: 2000 US Census, 2006-2008 American Community Survey

From the 2010 Chelmsford Master Plan

Since the publication of the Town's previous Master Plan in 1996, and up until December 2007, employment opportunities for the Chelmsford workforce generally remained strong. The present economic recession has had a more serious impact on the local labor force than any other economic downturn in the past three decades. Between January and September 2009, employment levels consistently dropped, with the employed and unemployed workforce averaging 17,541 and 1,347 respectively. While the local unemployment rate decreased slightly during the months of October 2009 and November 2009 (7.4% each month, respectively), it increased again in December 2009 (8.0%) and January 2010 (8.6%). Since January 2010, the local unemployment rate has ranged from 7.7% in March to 8.1% in February. As of May 2010, the local unemployment rate stood at 7.8%.

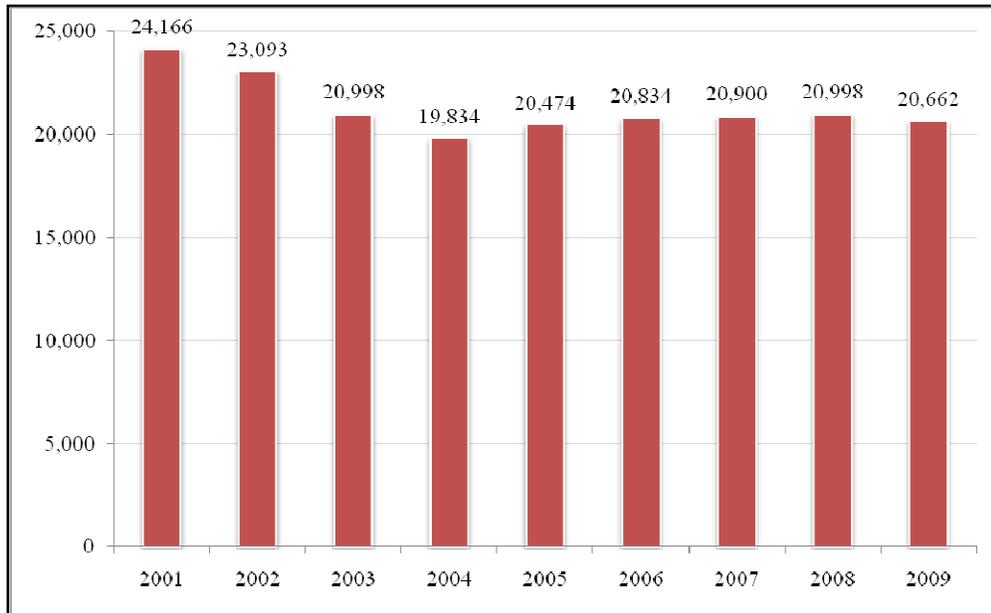
Given that the majority of the Chelmsford residents work in the region, we can expect that the increase in unemployment is partially due to layoffs occurring across the region. Despite these regional layoffs, it's important to note that Chelmsford's unemployment rates have remained consistently lower than the regional and Massachusetts rates.

Total Number of Establishment in Chelmsford, 2001-2009 (Q1)

Source: Executive Office of Labor and Workforce Development ES-202 Reports (March 2009) **From the 2010 Chelmsford Master Plan**

Trends in the Chelmsford workforce are mirrored by the business patterns of establishments operating in Town over the past decade. This trend may indicate a decrease in employment levels at large corporations and growth in the number of small businesses operating in Town. Although the total number of establishments in Town declined every year between the first quarters of 2004 and 2008, the first quarter of 2009 showed business growth, with 78 more businesses operating than in 2001.

Average Monthly Employment for Chelmsford Establishments, 2001-2009



Source: Executive Office of Labor and Workforce Development ES-202 Reports (March 2009)

The composition of industries in Chelmsford is diverse, ranging from high tech research and development firms to social services; restaurants to boutiques to utilities contractors. Fewer people from town are employed in manufacturing now than twenty years ago, but employment in construction, finance, and information technology has increased. The composition of industries operating in Chelmsford has become more diversified.

Many of the service-providing industries, such as educational services (11.8%), financial and insurance businesses (14.5%), health care services (13.1%), accommodation and food services (14.5%), and “other services”, such as repair and maintenance services, personal care services, professional organizations, and private households, increased substantially between the first quarters of 2001 and 2009. These trends are consistent with larger issues related to the emergence of a service-oriented economy in the 21st century, a trend which has been impacting the region, state, and nation as a whole for the past twenty years.

D. Growth and Development Patterns

Chelmsford has approached build-out, and growth patterns throughout Town are consistent with a mature suburban community. Although population growth has slowed, additional development further strains Town resources. The 2010 Chelmsford Master Plan provides additional data on growth and development patterns.

LAND USE CHANGE IN CHELMSFORD, 1971-2008 (ACRES)

Class of Land Use	Acres in Use					Percent Change				Town % 2008
	1971	1985	1999	2005	2008	1971-1985	1985-1999	1999-2005	2005-2008	
Commercial ¹	242	334	426	411	414	38%	28%	-3.6%	1%	2.8%
Industrial ²	204	454	592	561	560	150%	30%	-5.3%	-0.2%	3.8%
Residential ³	5,758	6,461	7,306	7,163	7,371	12%	13%	-2%	2.8%	50.0%
Other ⁴	8,575	7,529	6,454	6,616	6,406	-12%	-14%	2.5%	-3.2%	43.4%
Summary										
Developed ⁵	7,191	8,380	9,435	9,286	9,499	17%	13%	-1.6%	2.2%	64.4%
Undeveloped ⁶	7,587	6,398	5,343	5,464	5,254	-16%	-16%	2.3%	-3.8%	35.6%
Total	14,778	14,778	14,778	14,750*	14,753*	N/A	N/A	N/A	N/A	100%

Note: 2008 Land Use was updated from the 1999 McConnell Land Use files through orthophotography at a scale of 1 to 400.

*Totals from 2005 and 2008 are due to State methodology changes initiated in 2004.

From the Chelmsford Master Plan – Note that undeveloped land is not the same as open space

1. Patterns and Trends

- Consistent loss of open space due to development

Within the greater Lowell region, there are 287,000 people in almost 200 square miles. Between 1950 and 1975, the number of developed acres grew 155%. Between 1950 and 1991, 67% of the region's agricultural land was developed or ceased production. Between 1971 and 1991, more than 20% of the region's open space acreage was developed for residential, commercial, or industrial use (Northern Middlesex Council of Governments Regional Open Space Strategy 2002).

¹ The McConnell Land Use System defines "Commercial" land uses as general urban and shopping centers.

² The McConnell Land Use System defines "Industrial" land uses as light and heavy industrial.

³ The McConnell Land Use System defines "Residential" land uses as of the following: multi-family, smaller than ¼ acre residential lots, ¼ - ½ acre residential lots and larger than ½ acre residential lots.

⁴ The McConnell Land Use System defines "Other" land uses as of the following: Cropland, Pasture, Forest, Wetland, Mining, Open Land, Participation, Spectator and Water Based Recreation, Salt Wetland, Urban Open, Transportation, Waste Disposal, Water and Woody Perennial.

⁵ The McConnell Land Use System defines "Developed" land uses as of the following: Participation, Spectator, and Water Based Recreation, Multi-Family Residential, High, Medium and Low Density Residential, Commercial, Industrial, Urban Open, Transportation and Waste Disposal uses.

⁶ The McConnell Land Use System defines "Undeveloped" land uses as of the following: Cropland, Pasture, Forest, Wetland, Mining, Open Land, Water and Woody Perennial uses.

2. Infrastructure

a. Transportation Systems

There are many modes of transportation, including: walking, cycling, bus, rail, and automobile available within Chelmsford or in neighboring communities, but Chelmsford's transportation infrastructure is almost exclusively designed around the automobile. Bus and rail statistical data is available from the National Transit Database of the Federal Transit Administration: (www.ntdprogram.gov/ntdprogram)

Walking & Cycling

Most major roads in Chelmsford have a sidewalk on at least one side of the street. Additional sidewalk data exists in the Town's Engineering Department, but is not in an accessible format for planning analysis.

Besides the Bruce Freeman Rail Trail, there are no designated cycling lanes in Chelmsford. A few open space reservations and recreational areas offer bike racks, but few public buildings or private businesses provide bike facilities to promote cycling. Road standards require bicycle sensors at traffic lights; an example includes the North Road and Parkhurst Road intersection. A 12-hour tally on a Saturday in 2010 recorded over 1,500 trips on the BFRT. See map of the Bruce Freeman Rail Trail in Appendix 2.



Bruce Freeman Rail Trail Bike Route Sign

Bus

Chelmsford is a member of the Lowell Regional Transit Authority (LRTA), which offers fixed route bus service through Chelmsford linking to the Kennedy Transit Center / MBTA Commuter Rail Station on Thorndike Street in Lowell. Special trips for the elderly and disabled are provided by LRTA's Road Runner paratransit service. The LRTA is currently retrofitting all of its busses with bicycle racks. Additional information is available from LRTA (www.lrta.com).

Rail

MBTA commuter rail stations located in neighboring Acton, Billerica and Lowell provide service to North Station in Boston. Studies have been made of extending passenger rail service to Nashua and Manchester, New Hampshire and examine locating a potential commuter rail station in Tyngsborough or North Chelmsford. The MBTA is adding bicycle racks on train cars and at its stations. Additional information is available from the MBTA (www.mbta.com).

Roads

Chelmsford's roads, especially the interstate highways and state numbered routes, as well as some local feeder roads handle steady traffic during morning and evening commuting hours. During the day the "in town" population is in excess of 38,000 with approximately 88% of commuters driving alone to work. There is little to no data on the number of people driving to open spaces and recreation areas or the vehicle capacity at these sites.

b. Water Supply Systems

Three non-municipal water districts serve approximately 95% of Chelmsford, with only a few isolated areas served by private wells. Some of the athletic fields and private agricultural properties in Town use well water for irrigation. All three districts rely on groundwater wells for drinking water supplies and provide their own treatment plant facilities. Twenty-one wells are utilized by the three districts and draw water from the Merrimack and Concord River Watersheds. The districts have typically upgraded their utilities when sewers were installed in an area.

c. Sewer Services

The Town-wide sewer service project will be complete in 2011. This project eliminates much of the ground and surface water pollution caused by inadequate, outdated, and unregulated wastewater disposal.

As a result of the availability of sewers, land in Chelmsford once considered unbuildable can now be deemed suitable for development. In several cases, isolated leftover lots and those encumbered by high ground water have now become buildable. This results in increased density within residential neighborhoods as the last remaining undeveloped lots are built upon.

3. Long-Term Development Patterns

- 680 acres of vacant land are developable, unprotected open space
- Most new development will likely be commercial and industrial redevelopment

According to the 2010 Chelmsford Master Plan, commercial and industrial redevelopment will be the most prevalent form of new development in Town due to the limited quantity of undeveloped vacant land. The plan identifies approximately 680 acres of potentially developable land.

The Town's zoning bylaw and map (*See Required Map 3 in Appendix 1*) do not promote or reinforce redevelopment within existing developed portions of Town. Furthermore, the zoning does little to incentivize open space preservation or provide recreational investments or amenities as part of new development. The lack of zoning provisions to promote the new type of land use development is rooted in Chelmsford's history.

Chelmsford has over forty years of experience with long range master planning. The first three master plan documents were completed during periods of rapid growth and were primarily focus on responding to the impacts of that growth and planning for future development. The previous master plans resulted in comprehensive revisions to the Town's zoning bylaw and map that were reflective of the community's desires at that time. These changes directly influenced the historical land use patterns and trends, and established a framework for future development activity.

Chelmsford's zoning framework includes fifteen (15) conventional use districts (*See Map 4*) and four (4) overlay districts. Each zoning district has dimensional and use requirements, and many uses require a special permit, i.e., an approval granted at the discretion of either the Zoning Board of Appeals or the Planning Board. The Planning Board exercises control over activities and uses that require site plan review.

According to an analysis completed by the Community Development Department in 2010, the maximum single family residential build-out is projected at 352 additional dwellings or about 922 residents based on current zoning regulations. The undeveloped/developable parcels are encouraged to be developed to the highest and fullest use under the current zoning regulations.

UNDEVELOPED/DEVELOPABLE PARCELS BY ZONING CLASSIFICATION

Zoning Classification	Number of Parcels	Total Acreage
Limited Industrial (IA)	13	96.54
Special Industrial (IS)	3	83.07
Residential A (RA)	10	79.75
Residential B (RB)	46	397.74
Adult Entertainment (CX)	3	23.48
Total	75	680.58

Source: 2008 Chelmsford Build-out Analysis Update prepared by the Northern Middlesex Council of Government
From the Chelmsford Master Plan

The Town's zoning bylaw and development regulations should provide stronger incentives to encourage developers to contribute to the Town's open space goals. The existing Planned Open Space Development zoning bylaw, Section 195-92, should be revised to specifically target the remaining large developable tracts of land by providing incentives such as transfer of development rights or density bonuses in exchange for providing permanently protected open space.

Overall, the town's zoning bylaw has not been significantly revised or rewritten in many years and is outdated. The zoning bylaw is not user friendly, many sections of the bylaw need to be clarified, there are inconsistencies between the zoning map and the zoning bylaw, and, in general, the document needs to be better organized. In sum, the zoning bylaw does not enhance the protection of open space and creates additional challenges for open space planning.

E. Existing Management and Operation

Town-owned open spaces and recreation areas are generally owned by the Conservation Commission, Board of Selectmen, School Committee, and Cemetery Commission. Maintenance of Town-owned open spaces and recreation areas is performed by Public Facilities, Department of Public Works – Parks Division, COSS, and the Cemetery Department.

UNDER-DEVELOPED LANDS BY ZONING CLASSIFICATION

Zoning Classification	Number of Parcels	Total Acreage
Commercial Neighborhood (CA)	17	40
Commercial Roadside (CB)	52	90
Shopping Center (CC)	13	47
General Commercial (CD)	69	60
Limited Industrial (IA)	124	586
Total	275	823

Source: 2010 Chelmsford Build-out Analysis prepared by the Community Development Department
From the Chelmsford Master Plan

The Parks Division maintains all traffic islands, commons, Town Hall and Old Town Hall. This Division also prepares the Town Common for the annual Fourth of July celebration.

The Public Facilities Department is responsible for maintaining all Town and School parks and athletic fields. Department personnel mow all sports fields and turf areas, trim shrubs, collect rubbish at parks and playgrounds, weed, edge, and mulch shrub beds. Public Facilities is also responsible for snow removal and the preparation and clean up for special events. Public Facilities periodically utilizes the services of the Middlesex County House of Corrections to clean, rake, landscape, and perform other general maintenance within parks and playgrounds.

The Office of Community Education within the School Department organizes athletic field scheduling for both school and Town-owned athletic facilities.

In addition to maintaining the trails within the Town's Conservation Reservations, the COSS provide additional maintenance via memoranda of understanding with the CLCT properties, School Department, public parks, and the Community Gardens at Sunny Meadow Farm. *See* Organization Chart in Appendix 2.

The BFRT property is owned by the Commonwealth of Massachusetts and vested with the Massachusetts Department of Transportation (MassDOT), Highway Division. By a Memorandum of Agreement, the Town is responsible for maintenance and operation of the rail trail. Within Chelmsford, the DPW is responsible for maintaining the rail trail property, the Chelmsford Police Department is responsible for policing it, and the BPAC is responsible for coordinating activities on it, including maintenance.

Maintenance activity performed by the DPW includes bi-annual sweeping of the trail, installation and maintenance of trail signs, restriping of crosswalks, and refreshing of worn pavement markings. The Friends of the Bruce Freeman Rail Trail (FBFRT) have a Chelmsford trail crew that assists the Town with litter pickup and disposal, weeding, grass trimming, removal of debris from the trail surface, and general cleanup. MassDOT, Highway Division maintains the infrastructures of the Route 3 tunnel and the Interstate 495 overpass, which include repair and replacement of lights and removal of graffiti.

The Town owns the land occupied by the Chelmsford Little League fields located on Chelmsford Street; however, the Chelmsford Youth Baseball Association maintains these facilities (See Section 5 A.6.). The Chelmsford Country Club is owned by the Town and managed through a lease agreement with Sterling Golf Management, Inc. The Chelmsford Forum is a public indoor ice skating facility located in Billerica and operated by a partnership between the Town and FMC Ice Sports.

Organized maintenance does not occur on undesignated vacant land owned by the Board of Selectmen or on non-conservation reservation land.



Chelmsford Youth Baseball Association Field

Section 4: Environmental Inventory and Analysis

A. Geology, Soils and Topography

The geology, soils, and topology of Chelmsford are described in detail within the 2003 Open Space and Recreation Plan, available at the Public Library and the Town's website (www.townofchelmsford.us). The Natural Resources section of the Chelmsford Master Plan also provides information relative to geology, soils and topography.

1. Essential Structure

See Required Map 4 in Appendix 1

a. Topography

Glacial activity left Chelmsford with a landform ranging from rolling hills to flat areas traversed by rivers and dotted with wetlands. Residential, commercial, and industrial buildings cover most of the town with the exception of a few parks, cemeteries, farms, and conservation land.

b. Geologic Features

Most of Chelmsford's land area consists of sand and gravel deposited from meltwater streams during the glacial period. Unconsolidated and stratified sand and gravel house the principal aquifers in the Merrimack and Concord River basins. Land over Chelmsford's sand and gravel deposits is already significantly developed and Chelmsford residents live over their drinking water. A few commercial sand/stone excavation operations or quarries are active in Town.

c. Soils

Soils classified by limitations related to water quality and quantity should provide guidance for proposed land uses and fall into 4 groups: excessively and somewhat excessively drained, hydric, steep, and not critical to water quality or quantity. Developed land, although generally perceived to be not critical to water quality or quantity, alters drainage patterns and places pressure on the other three soil groups that are critical.

d. Prime Agriculture Land

Much of Chelmsford's original farmland has been converted to other uses by development and preserving the remaining agricultural areas is important to the community. Major agricultural lands include: Mahoney's Garden Center (155 Princeton Street), Parlee Farm (133 Pine Hill Road), Jones Farm (246 Acton Road),

Sunny Meadow Farm (168 Robin Hill Road), Warren-Pohl Farm (86 Boston Road), Chase Farm (54 Mill Road), Kent Farm (79 Elm Street), and Wojtas Farm (124 Proctor Road).

2. Effects

a. Development

Prior to sewerage, when most development in Chelmsford occurred, new homes and businesses were built where soils were suitable for septic systems. The highways were constructed based on a regional plan and generally built within less developed bands crossing the town near streams and wetlands.

b. Drinking Water

The streams and wetlands support a productive local aquifer that provides sufficient drinking water for Chelmsford and has thus far negated the need for the Town to draw from the Merrimack or Concord Rivers for drinking water.

c. Wastewater

Excessively drained sandy soils made single family home development with private septic systems standard in Chelmsford. These same soils aid the leaching of wastewater from failed septic systems into the groundwater, and potentially into drinking water.

d. Recreational Opportunities

Heart Pond and Freeman Lake have public beaches and the rolling hills in Town support recreational trails, such as those found within Thanksgiving Forest, the Lime Quarry and Russell Mill Reservation. Boat access to the Merrimack River is available from Southwell Park.

e. Erosion

The erosion of streams and riverbanks as well as the sedimentation of the Town's lakes and streams is due to the weathering of the topography and soils. Erosion may be exacerbated by human activity, such as increasing impervious surfaces with no mitigation, or discharging high velocities within both wetland and upland areas.

B. Landscape Character

See Landscape Character Map in Appendix 2

Chelmsford's natural landscape is defined by scattered fragments of pastures, forests and wetlands set against the backdrop of the Merrimack and Concord River corridors. Scenic views of streams and lakes, as well as

unique geological features and historical remnants represent the natural and cultural resources worth preserving.

North Chelmsford:

- Oak Hill
 - Located between Route 3, Ledge Road, and Swain Road
 - Abandoned granite quarry with rocky outcrops, contiguous mixed pine-oak forest, perennial streams, vernal pools, and wetlands
 - 200± acres - mostly unprotected
- Merrimack River at Southwell Park
 - Located off Wotton Street and Wellman Avenue
 - Active recreation fields, playground, boat launch, and walking trail, located within floodplain
 - 45± acres - unprotected
- Stony Brook – Freeman Lake – Eagle Marsh
 - Flows from Westford at School Street northeast to Freeman Lake and the Merrimack River, adjacent to railroad
 - Stream once powered historic mill buildings, flows through three public drinking water supply well fields, provides a nearly intact stream/wildlife corridor, adjacent to active agriculture lands
 - 250± acres – mostly unprotected



Abandoned granite quarry at Oak Hill

East Chelmsford:

- Middlesex Canal Wetlands
 - Located adjacent to Canal Street between Route 3, Riverneck Road and Brick Kiln Road
 - Public drinking supply well fields, historic canal route, contiguous open marsh, and adjacent to a cemetery
 - 200± acres - mostly unprotected

South Chelmsford:

- Cranberry Bog - Great Brook Farm State Park – Thanksgiving Ground Forest
 - Located off Elm Street, adjacent to Carlisle, and off Janet Road adjacent to River Meadow Brook

- Passive recreation trails, mixed forested and open wetlands that supply cranberry bogs, and glacial erratics/rocky outcrops
- 245 acres – mostly protected
- Kent Farm
 - Located off Elm Street
 - Active agriculture land with fields, vernal pools, intermittent streams and woodlot
 - 31 acres - unprotected
- Parlee Farm
 - Located off Acton Road
 - Active agriculture land with fields and farm pond
 - 29 acres - unprotected

Chelmsford Center:

- River Meadow Brook
 - Land Located off New Fletcher Street between I-495 and Riverneck Road
 - Public drinking supply well field, NHESP designated habitat, wetlands, and floodplain
 - 80± acres - unprotected
- Greater Wright Reservation – Power Line Corridor
 - Power line corridor that bisects town from east to west and traverses the Greater Wright Reservation located off Parker Road
 - NHESP habitat, fields, wetlands, and trails
 - 40± acres – partially protected
- Misty Meadows – Pine Hill Road Farm
 - Located off Pine Hill Road
 - Active agricultural land with fields, farm pond, streams and wetlands
 - 105 acres – mostly unprotected
- Pohl-Warren Farm
 - Located off Boston Road
 - Active agricultural land with fields, streams, woodlot and wetlands
 - 59 acres – mostly unprotected
- Lime Quarry – Beaver Brook
 - Located off Littleton Road
 - Historic quarry surrounded by woodlands, wetlands, several vernal pools, and adjacent rail trail
 - 80± acres – mostly protected

C. Water Resources

See Required Map 6 in Appendix 1

Water resources provide critical habitat for plants and animals, as well as sustaining people with drinking water, areas of natural beauty, and water bodies for recreation and relaxation.

1. Watersheds

See Required Map 6A in Appendix 1

Chelmsford lies within the Concord and Merrimack River watersheds; both are part of the greater Merrimack River Basin.

The main branch of the Merrimack River begins its journey to the Atlantic Ocean in central New Hampshire at the confluence of the Pemigewasset and Winnepesaukee Rivers. From there, it flows south through central New Hampshire for 84 miles before entering Massachusetts where it turns to the northeast, near the city of Lowell, and then on through the remaining 44 miles to Newburyport. The history of the Merrimack River as it flows through the towns near Chelmsford has been one of industrial development. A major concern in this watershed is that it is being degraded by combined sewer overflow and by increased impervious surfaces. Stormwater drains and sewer lines in Chelmsford are separate.



Fishing on the Merrimack River boat ramp

The "Top 5" watershed priorities identified by the EOEEA were:

- Improve the protection of present and future water supply within the watershed by working to develop a water budget model;
- Improve water quality through bio-monitoring of local waterways, stream-team participation, and interagency cooperation on water quality issues;
- Continue work on flow issues previously identified within the Merrimack;
- Promote growth management within the Watershed in cooperation with EOEEA; and
- Continue to improve access to the River and the acquisition of Open Space.

The priorities that are most relevant to Chelmsford include protecting open space and improving water quality through local stream team monitoring.

The Concord River is fed by two major tributaries, the Sudbury and the Assabet Rivers, and has areas that have been designated as "Wild & Scenic". This designation recognizes the rivers for their outstanding ecological, historical, scenic, and recreational values, and their lasting place in American literature.

The SuAsCo watershed also encompasses two National Wildlife Refuges, and the Commonwealth's first designated Area of Critical Environmental Concern (ACEC), making up two of the largest wetlands in Central Massachusetts. Major concerns for this watershed include water quality and rate of use.

The "Top 5" watershed priorities identified for the SuAsCo include:

- Gather "sufficient" water quality data to help determine the areas most affected by point & non-point source pollution;
- Work to understand watershed hydrology to aid in decisions concerning Inter-Basin Transfer Act and Water Management Act permit requests;
- Work to maintain a healthy, seasonal variability of stream flow to sustain aquatic and terrestrial biodiversity;
- Decrease impervious surface area and local water consumption; and
- Support the SuAsCo Watershed Community Council in providing outreach & education to the community.

Water quality data and community outreach will be most important for Chelmsford's open space and recreation planning. State support for the watershed teams that were part of the EOEI Watershed Initiative was discontinued in 2003. Therefore, implementing the Commonwealth's watershed action plans and the identified priorities will rest with non-profit groups and volunteers.

2. Surface Water

See Required Map 6A in Appendix 1

Surface water consists of 2 major ponds: Freeman Lake and Heart Pond; 15 named rivers and streams; and various unnamed streams and wetlands. Freeman Lake in North Chelmsford is publicly accessible from Varney Playground beach and offers non-motorized boating, fishing, swimming, and skating. Heart Pond, located in South

Chelmsford, is a great pond with public access from the Heart Pond Beach located on Pond Street. All of Chelmsford's surface waters are designated as Class B, suitable for the uses of protection and propagation of fish, other aquatic life, and wildlife as well as primary (swimming) and secondary (boating and fishing) contact recreation. Heart Pond and Freeman Lake are tested regularly during the summer for *Escherichia coli* bacteria by the Chelmsford Board of Health.

The rivers and streams include: the Merrimack River, Concord River, Beaver Brook, Crooked Spring Brook, Scotty Hollow Brook, Farley Brook, House Brook, Putnam Brook, Deep Brook, Stony Brook, Black Brook, Hales Brook, Golden Cove Brook, Cold Spring Brook, and River Meadow Brook. Activities on some of these waterways may include fishing, hiking and canoeing. Wildlife use stream corridors for travel and as sources of food and water. The Merrimack River provides opportunities for boating, as do the two lakes which also allow swimming. With the exception of sampling in the Merrimack River by the Merrimack River Watershed Council, Inc., no regular monitoring or water sampling data is being collected, analyzed or disseminated.

Chelmsford has 13 certified vernal pools and many potential vernal pools. Potential vernal pools have been identified within the Lime Quarry Reservation, off Sarah Lane, near Turnpike Road, High Street, and within several Conservation lands, but have not yet been certified.



Freeman Lake outlet

3. Aquifer Recharge Areas

See Required Map 6B in Appendix 1

High- and low-yield aquifers currently supply most of the Town's water needs and are regulated under the Zoning Bylaw. The state designated Wellhead Protection Areas identify three separate zones for each source:

- Zone I is defined as the area encompassing a maximum 400-foot radius around the wellhead (assuming a greater than 100,000 gpd withdrawal rate). This area allows no use;
- Zone II is defined as the entire extent of the aquifer deposits which could fall within, and upgradient from, the production well's capture zone based on the predicted drawdown after 180-day drought conditions at the approved pumping rate. This area allows limited use;
- Interim Wellhead Protection Area (IWPA) is defined as the area encompassing a ½ mile radius around a public supply well that does not have a delineated Zone II; and
- Zone III is defined as the entire watershed upgradient of Zone II.

Recharge areas exist in excessively and somewhat excessively drained soils above the aquifers. Both high and medium yield aquifers are managed by three water districts. The three independent water districts report drinking water quality sampling and annual withdrawal to DEP. The aquifers generally recharge overnight but shutting down of some wells, seasonal water bans and public education have assisted in maintaining the water yields.

4. Flood Hazard Areas

See Required Map 6C in Appendix 1

Updated FEMA FIRM Maps were made effective July 1, 2010 and are available online: www.fema.gov. Flood zones are located adjacent to the rivers, streams, and wetlands within Town, many of which were observed during the Mother's Day and Patriot's Day Storms of 2007, as well as areas of localized flooding caused by heavy rains in the spring of 2010. Lands within the 100-year flood zone are regulated by the Chelmsford Wetlands Bylaw (Conservation Commission) and the Zoning Bylaw (Planning Board).

HAZARD CLASSIFICATION OF CHELMSFORD DAMS⁷

Dam Name	Impoundment Name	Hazard Class	Downstream Population
Stony Brook Dam	Stony Brook	Significant	500
Crooked Spring Dam	Crooked Spring Pond	Significant	100

⁷ Pre-Disaster Mitigation Plan for the Northern Middlesex Region, Northern Middlesex Council of Governments, July 2006

HAZARD CLASSIFICATION OF CHELMSFORD DAMS⁷

Dam Name	Impoundment Name	Hazard Class	Downstream Population
Lowell Sportsmans' Club Dam	Scotty Hollow Brook	Low	N/A
Swains Pond Dam	Swains Pond	Low	200
Heart Pond Dam	Heart Pond	Significant	50
Russell Mill Pond Dam	Russell Mill Pond	Significant	300
Newfield Pond Dam	Freeman Lake	Low	200

*Source: Massachusetts Department of Conservation and Recreation
From 2010 Master Plan*

5. Wetlands

See Required Map 6A in Appendix 1

Most of Chelmsford’s wetlands are along lakes and streams. There are also many isolated wetlands scattered throughout the low-lying areas of Town. Historic maps show that the wetland areas in Chelmsford were once much larger than they are now and several swamps have been filled to allow development. Wetlands are protected under the Massachusetts Wetlands Protection Act (WPA), the River Protection Act (RPA) as well as the Chelmsford Wetland Bylaw [Chapter 187] that was revised in 2009 and local wetland regulations revised in 2010.

D. Vegetation

Goals of DCR’s Urban and Community Forestry Program

1. Professionally Trained Forestry Staff

The Town does not currently employ a professionally trained forester. Forestry and tree maintenance services are contracted on an as-needed basis.

2. Local Tree Protection Ordinance

Chelmsford does not have a local tree protection ordinance, but the Selectmen approved a policy in 2001 seeking to replace diseased/ dead or removed trees on a one-for-one basis for all DPW projects. The Director of Public Works acts as the Tree Warden. Chapter 161 of the Code of Chelmsford regulates the planting of new trees for new single-family home development and protects drainage easements from nuisance trees. The wetlands bylaw limits tree removal within wetlands and a portion of the area surrounding wetlands.

3. Tree Advocacy Group

The Chelmsford Open Space Stewards, although not solely a tree advocacy group, does perform tree advocacy work and facilitates tree planning and improvement projects. An example is assisting the Boy Scouts with the planting and propagation of American Elm Trees within Town-owned properties and helping to create a Town Nursery for raising street trees.

4. Forest Resource Management Plan

The Town created Forest Management Plans for Russell Mill and Thanksgiving Forest in 2000.

5. Tree City USA status

Chelmsford is currently not a member of Tree City USA; however, the opening of the Town Nursery at Sunny Meadow Farm with space dedicated to growing street trees makes Chelmsford a better candidate to achieve Tree City USA status.

6. Interagency Coordination

The Community Development Department works with the Department of Public Works to promote healthy trees within the Town's public properties.

Vegetation Inventory

1. General Inventory

The Town's landscape is a mixture of industry, roads, parking areas, subdivisions, commercial businesses, and fragments of forest, farmland, and wetlands. The primary vegetation is a developed landscape with lawns and decorative plant communities. According to the *Classification of the Natural Communities of Massachusetts* by Swain and Kearsley, Chelmsford is located within the Southern New England Coastal Plains and Hills sub-ecoregion where central hardwoods are dominant. Vegetation descriptions are generally separated into forest land, agricultural land, and wetland communities.

An informal survey of the flora that has been identified by community members, Ruth Luna and Tom Wilson and naturalist, Thomas Sileo was completed for the 2003 Open Space and Recreation Plan:

Agrimony	Bitter cress	Bull thistles
Alder	Black cherry	Bull thistle
Alternate-leaved dogwood	Black Huckleberry	Bunchberry
American Chestnut	Black night shad	Bushy aster
American Elm	Black snakeroot	Canada goldenrod
American hornbeam	Black willow	Canada mayflower
Arrowhead	Bloodroot-	Cardinal flower
Arrow-wood	Blue flag iris	Checkerberry
Viburnum	Blue-eyed grass	Christmas fern
Basswood	Blue-stemmed goldenrod	Cinnamon fern
Bastard toadflax	Bluets	Closed gentian
Bedstraw	Boneset	Comm St.
Big bluestem grass	Bristly sarsaparilla	Johnswort
	Bulb-bearing water	Common alder
		Common barberry

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Common Cinquefoil	Jewelweed	Dogwood
Common hazelnut	Joy-Pye weed	Round-leaved
Common	King devil	dogwood
speedwell	Lady's slipper	Royal fern
Cranberry	Lance-leaved	Rue anemone
Viburnum	Goldenrod	Sassafras
Daisies	Late purple aster	Sedges
Dame's rocket	Low-Bush	Sensitive fern
Deadly night shad	blueberry	Shadbush
Dodder	Mad-dog skullcap	Sheep laurel
Downy goldenrod	Male berry	Shrubby Cinquefoil
Early saxifrage	Maple-leaved	Sickle pod
Ebony spleenwort	Viburnum	Skunk cabbage
Enchanter's night	May apple	Sphagnum moss
shad	Mocker nut Hickory	Spicebush
European spindle	Monkey flower	Spikenard
tree	Motherwort	Spotted touch me
European	Mountain ash	not
buckthorn	Multiflora rose	St. Johns wort
False Hellebore	Naked-stemmed	Star Flower
False indigo	tick trefoil	Striped maple
False Solomon's	Nannyberry	Sugar maple
seal	Viburnum	Sun drops
False Solomon's	Native grape	Sunflowers
seal	New England aster	Swamp
Fanwort	New York fern	honeysuckle
Flat topped white	Ninebark	Sweet fern
aster	Nodding bur	Sweet gale
Flowering dogwood	marigold	Sweet pepperbush
Fly Honeysuckle	Nodding trillium	Sweet white clover
Forget-me-not	Old-field toadflax	Tall nettle
Fox Grape	Pale dogwood	Thimbleweed
Fringed loosestrife	Panicle hawkweed	Trumpet
Glossy buckthorn	Partridge berry	honeysuckle
Goldenrods	Pasture rose	Tussock sedge
Goldthread	Pickernelweed	Upland boneset -
Ground juniper	Pin cherry	Various wetland
Grove sandwort	Pinesap	grasses
Harebell	Pipsissewa	Various sedges
Hawkweed	Pointed-leaved tick	Violets
Hawthorn	Poison ivy	Virgin's bowers
Hay scented fern	Pointed-leaved	Virginia creeper
Hazelnut	trefoil	Water arum
Hemlock	Polypody fern	White ash
Hemlock	Pond lilies	White baneberry
High-Bush	Privot	White oak
blueberry	Purple loosestrife -l	White pine
Hoary alyssum	Pussy toes	White wood aster
Indian cucumber	Quacking Aspen	Whorled aster
root	Red baneberry	Wild cucumber
Indian tobacco	Red Cedar	Wild geranium
Interrupted fern	Red Maple	Wild raison
Marginal wood fern	Red maples	Viburnum
Jack-in-the-pulpit	Reed canary grass	Wild rice grass
Japanese	Rough-stemmed	Wild sarsaparilla
Knotweed	Round-leaved	Willow herb

Winged
Euyonomous
Winterberry

Winterberry
With-rod Viburnum
Wood anemone

Yarrow
Yellow bedstraw
Yellow loosestrife

2. Forest Land

The White Pine – Oak and Northern Hardwoods – Hemlock – White Pine forests are the most common terrestrial forest/woodland plant communities found within the remaining fragmented forests, parks and neighborhoods of Chelmsford. White pine predominates in sandy soils while hardwood and hemlock species are found in loams and fine sandy loams. Dominant hardwood species include red and sugar maple; red, white, black and scarlet oak; paper and grey birch; white ash; beech; butternut; and pignut and shagbark hickory. Understory vegetation of the white pine-hickory hardwood forest includes tree saplings and shrubs such as blueberry, mountain and sheep laurel, maple leaf viburnum, and smooth arrow-wood.

3. Public Shade Trees

A 2004 aerial survey located many of the Town’s public shade trees. This data should be examined and consolidated with forest land records.

4. Agricultural Land

Upland herbaceous areas are classified as Cultural Grasslands that are maintained as open fields through mowing or cultivation. Grasses such as foxtail, broom bear, redtop, fescue, orchard, Kentucky blues, and timothy, as well as field clover, wild carrot, meadow sweet, yarrow, goldenrod, hairy vetch, lady's sorrel, asters, cinquefoil, sweet fern, pigweed, dandelion, and ragweed may be observed in many of the fields.

A general description of the crops and their commercial values is reported to the Assessor’s office for Chapter 61A properties. It is recommended that these records be examined and consolidated to create a Town-wide inventory.

5. Wetland Vegetation

The Red Maple Swamp is the most common palustrian/wetland forest plant community found within the remaining fragmented forests and neighborhoods of Chelmsford. Shrub swamps, wet meadows and emergent marshes are located within the power line easements and adjacent to several perennial streams where beaver activity removes most of the tree canopy.

Red maple swamps are dominated by wetland trees that include red maple, black gum, black willow, and black oak. Shrubs and herbaceous vegetation include speckled alder, pussy willow, skunk cabbage, sweet pepperbush, water hemlock, elderberry, jewelweed, silky dogwood, violets, and water pennywort. Marshes and wet meadows are characterized by grasses and sedges such as cattail, pickerelweed, arrowhead, spike rush, bulrush, umbrella sedge, reed, reed canary grass, smartweed, swamp milkweed, and water plantain.

Flood plains, which may include swamps, marshes, and water-tolerant forests, are adapted for their periodic wet existence. Floodplain trees such as willow and silver maple are particularly adapted to withstand flooding and are found throughout the riparian corridors in Town. Detailed wetland vegetation inventories might be found for individual properties where development required the submission of wetland permit applications; however, none of these records have been examined or consolidated to create a Town-wide wetland vegetation inventory.

6. Rare Species

The Natural Heritage and Endangered Species Program (NHESP) maintains data on rare plant species located in Chelmsford. No new observations have been made within the last 96 years.

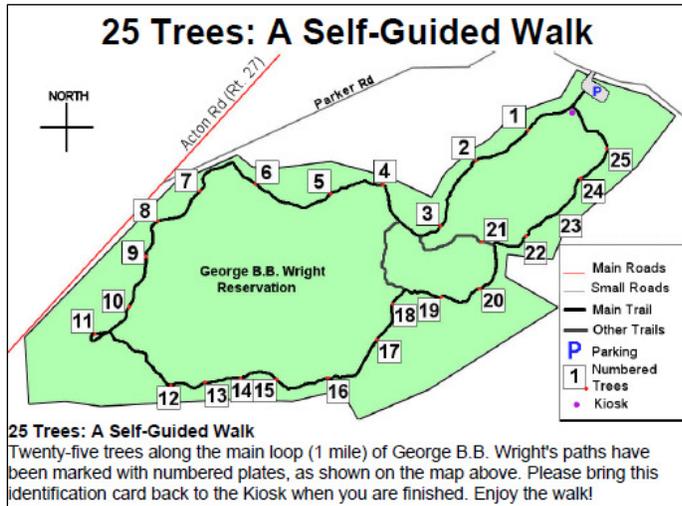
RARE PLANT SPECIES IN CHELMSFORD				
Taxonomic Group	Scientific Name	Common Name	MESA Status	Most Recent Observation
Vascular Plant	<i>Aristida purpurascens</i>	Purple Needlegrass	T	1907
Vascular Plant	<i>Liatris scariosa var. novae-angliae</i>	New England Blazing Star	SC	1900
Vascular Plant	<i>Linum medium var. texanum</i>	Rigid Flax	T	1902
Vascular Plant	<i>Nabalus serpentarius</i>	Lion's Foot	E	1914
Vascular Plant	<i>Ophioglossum pusillum</i>	Adder's-tongue Fern	T	1884
Vascular Plant	<i>Senna hebecarpa</i>	Wild Senna	E	1902
From the Natural Heritage and Endangered Species Program				

7. Unique Natural Resources

The George B. B. Wright Reservation was once a plant nursery and has retained a unique variety of less common tree and plant species.

8. Vegetation Mapping Projects

In April 2010, an invasive species inventory/mapping project coordinated by volunteers from the New England Wildflower Society began for all communities within the SuAsCo watershed. The goal of the project is to develop a prioritized list of invasive plant populations for management by means of documentation, mapping, and control of early detection invasive plants that are just starting to enter the SuAsCo River watershed area. The Chelmsford Conservation Commission joined the SuAsCo Cooperative Invasive Species Management Area in November, 2010.



9. Invasive Species

Most of the invasive plant species thrive in disturbed areas such as roadsides, dormant fields, right-of-way corridors and irrigation ditches. Non-native plants leave behind the diseases and natural predators that kept them under control in their native habitats. This gives the plant an advantage, often resulting in crowding-out native species. Invasive non-native plant populations change the characteristics of the local ecosystem and their proliferation leads to the elimination of many native plants and animals.

Invasive species found within Chelmsford include Japanese knotweed, burning bush, common reed, Japanese barberry, multiflora rose, garlic mustard, tartarian honeysuckle, oriental bittersweet, purple loosestrife, curly-leaf pondweed, fanwart, milfoil and water chestnut.

E. Fisheries and Wildlife

Wildlife resources reflect the terrestrial ecosystem of Chelmsford. The most important species within Town include ruffed grouse, woodcock, varying hare, gray squirrel, ring-necked pheasant, white tailed deer, cottontail rabbit, eastern coyote, woodchuck, red fox, red-tailed hawk, owls, wild turkey, muskrat, beaver, mink, and raccoon. The wetland areas of the Concord River provide high value waterfowl habitat for such important species as Canada geese, mallards, black ducks and wood ducks.

Most ponds and streams in Chelmsford are considered to harbor warm-water fish species which are able to reproduce in the wild and sustain their populations without the help of external forces. The Division of Fisheries &

Wildlife stocks a few streams and ponds in the area, which are suitably cold and oxygenated and can sustain salmonids with brook, brown, or rainbow trout. The stocked trout streams in Chelmsford include River Meadow Brook, Deep Brook, Stony Brook, and Crooked Springs Brook. These streams are accessible by foot.

1. Inventory

Chelmsford does not have a formal, location-based Town-wide inventory of fisheries and wildlife habitats/sightings. The Merrimack River Comprehensive Watershed Assessment Report, prepared by the Massachusetts Executive Office of Environmental Affairs in 2001, identified a multitude of fish species within the Merrimack River Watershed, which are listed in the table below:

FISH SPECIES IN THE MERRIMACK RIVER WATERSHED

Common Name	Scientific Name	Common Name	Scientific Name
3-spine stickleback	<i>Gasterosteus aculeatus</i>	Falifish	<i>Semotilus corporalis</i>
4-spine stickleback	<i>Apeltes quardracus</i>	Gizzard shad	<i>Dorosoma cepedianum</i>
9-spine stickleback	<i>Pungitius pungitius</i>	Golden shiner	<i>Notemigonus crysoleucas</i>
Alewife	<i>Alosa pseudoharengus</i>	Goldfish	<i>Carassius auratus</i>
American shad	<i>Alosa sapidissima</i>	Largemouth bass	<i>Micropterus salmoides</i>
American smelt	<i>Osmerus mordax</i>	Longnose dace	<i>Rhinichthys cataractae</i>
Atlantic salmon	<i>Salmo salar</i>	Margined madtom	<i>Noturus insignis</i>
Atlantic silverside	<i>Menidia menidia</i>	Mummichog	<i>Fundulus heteroclitus</i>
Atlantic sturgeon	<i>Acipenser oxyrinchus</i>	Northern pike	<i>Esox lucius</i>
Banded killfish	<i>Fundulus diaphanus</i>	Northern pipefish	<i>Syngnathus fuscus</i>
Banded sunfish	<i>Enneacanthus obesus</i>	Pumpkinseed	<i>Lepomis gibbosus</i>
Black crappie	<i>Pomoxis nigromaculatus</i>	Red breast sunfish	<i>Lepomis macrochirus</i>
Blacknose dace	<i>Rhinichthys atratulus</i>	Sand lance	<i>Ammodytes hexapterus</i>
Smallmouth bass	<i>Micropterus dolomieu</i>	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
Blueback herring	<i>Alosa astivalis</i>	Spottail shiner	<i>Notropus hudsonius</i>
Bluegill	<i>Lepomis macrochirus</i>	Striped bass	<i>Morone saxatilis</i>
Bowfin	<i>Amia calva</i>	Swamp darter	<i>Etheostoma fusiforme</i>
Bridle shiner	<i>Notropis bifrenatus</i>	Tessellated darter	<i>Etheostoma olmstedi</i>
Brown bullhead	<i>Ictalurus nebulosus</i>	White catfish	<i>Ictalurus catus</i>
Carp	<i>Cyprinus carpio</i>	White perch	<i>Morone americana</i>
Chain pickerel	<i>Esox niger</i>	White sucker	<i>Catostomus commersoni</i>
Channel catfish	<i>Ictalurus punctatus</i>	Yellow bullhead	<i>Ictalurus natalis</i>
Common shiner	<i>Luxilis cornutus</i>	Yellow perch	<i>Perca flavescens</i>
Eel	<i>Anguilla rostrata</i>	Sea lamprey	<i>Petromyzon marinus</i>

Source: Merrimack River Comprehensive Watershed Assessment Report, Massachusetts Executive Office of Environmental Affairs, 2001.

An informal survey of wildlife that has been identified by community members, Ruth Luna and Tom Wilson and naturalist, Thomas Sileo was completed for the 2003 Open Space and Recreation Plan:

American eels	Goshawk	Purple finch
American goldfinch	Grackle	Raccoon
American restart	Gray catbird	Redstart
Beaver	Rose breasted	Red-tailed hawk
Black and White	grosbeak	Red wing blackbird
House sparrow	Gray squirrel	Robin
Black racer snake	Great blue heron	Rusty blackbird
Black-capped	Great horned owls	Savannah sparrow
Chickadee	Great-crested	Scarlet tanager
Blue Jay	Hairy woodpecker	Short-tailed shrew
Brown creeper	House wren	Skunk
Brown thrashers	House finch	Snapping turtle
Bufflehead duck	Hummingbird	Solitary sandpiper
Butterflies	Indigo bunting	Song sparrows
Canada geese	Kingbirds	Spotted
Cardinals	Kingfisher	salamanders
Carolina wren	Leopard frog	Spotted sandpiper
Catbird	Little brown bat	Spring peepers
Cedar waxwing	Mallard	Squirrel
Chestnut-sided	Meadow vole	Swamp sparrows
warbler	Mink	Tree Swallow
Chipping sparrows	Mockingbird	Tufted titmouse
Cold Water Bass	Monarch butterfly	Turkey vulture
Cowbird	Moose	Turtles
Coyote	Moss animal	Virginia Opossum
Crow	Mourning dove	White-breasted
Deer	Muskrats	nuthatch
Downy woodpecker	Nighthawk	White throated
Eastern chipmunk	Northern cardinal	sparrow
Eastern kingbird	Northern flicker	White-tailed deer
Eastern peewee	Northern junco	Wild calla
Eastern phoebe	Northern	Wild turkey
Eastern towhees	Mockingbird	Wood duck
European starling	Northern Orioles	Wood ducks
Fisher	Otter Woodcocks	Wood thrush
Flickers	Ovenbird Wrens	Yellow throat
Fox	Phoebe	warbler
Flycatcher	Pine warbler	
Goldfinch	Prairie warbler	

2. Vernal Pools

The NHESP maintains data on the 13 certified vernal pools located in Chelmsford. There are approximately 80 potential vernal pools. The Conservation Commission presented an informational presentation in February 2010 on identifying and certifying vernal pools. One of the Conservation Commission's goals is to certify all the potential vernal pools located within Conservation land.

3. Corridors for Wildlife Migration

Identified wildlife corridors include the power transmission corridors, rail trail corridor, and the river and stream corridors. These include:

- Beaver Brook/Lime Quarry Reservation and BFRT;
- The Robin Hill/Greater George B. B. Wright Reservation extending into South Chelmsford;
- Bovey/McDermott Woodlots and BFRT;
- New England Power Company high-tension transmission corridor running east/west through Chelmsford;
- The Deep Brook/Merrimack River corridor;
- Hales Brook/Middlesex Canal area in East Chelmsford;
- Thanksgiving Forest/Russell Mill Pond Forest corridor into Great Brook Farm State Park;
- The Cranberry Bog/Great Brook Farm State Park corridor;
- Stony Brook/Crooked Springs Brook in North Chelmsford;
- Concord River in East Chelmsford; and
- Deep Brook Reservation/Lowell Sportsman's corridor in North Chelmsford.

4. Rare Species

The NHESP mapped four separate rare and endangered species habitats within Chelmsford in 2008. Preserving the forests, pastures, fields, wetlands, and the open spaces in between these mapped areas is crucial to protecting wildlife habitat in Chelmsford, especially for the most threatened and endangered species.

The Natural Heritage and Endangered Species Program maintains data on the rare animal species habitat located in Chelmsford. Species observations have been made as recently as 2007 for Blanding's and wood turtle.

RARE ANIMAL SPECIES IN CHELMSFORD				
Taxonomic Group	Scientific Name	Common Name	MESA Status	Most Recent Observation
Amphibian	<i>Ambystoma laterale</i>	Blue-spotted Salamander	SC	1943
Butterfly/Moth	<i>Callophrys irus</i>	Frosted Elfin	SC	2006
Dragonfly/Damselfly	<i>Gomphus vastus</i>	Cobra Clubtail	SC	2004
Dragonfly/Damselfly	<i>Neurocordulia obsoleta</i>	Umber Shadowdragon	SC	2004
Dragonfly/Damselfly	<i>Stylurus spiniceps</i>	Arrow Clubtail	T	2004
Mussel	<i>Alasmidonta undulata</i>	Triangle Floater	SC	2004
Reptile	<i>Emydoidea blandingii</i>	Blanding's Turtle	T	2007
Reptile	<i>Glyptemys insculpta</i>	Wood Turtle	SC	2007
Reptile	<i>Terrapene carolina</i>	Eastern Box Turtle	SC	1993
From the Natural Heritage and Endangered Species Program				

The estimated Habitats of Rare Wildlife are estimations of habitat of state-protected rare wildlife populations. NHESP scientists draw estimated habitats by analyzing population records, species habitat requirements, available information about the landscape, as well as personal observations. These estimated habitats are designed for use with the Wetlands Protection Act Regulation. Projects that are subject to the Wetlands Protection Act and that fall within Estimated Habitats of Rare Wildlife require the filing of a Notice of Intent form with NHESP.

F. Scenic Resources and Unique Environments

Chelmsford has a number of unique and scenic areas scattered throughout Town that remind residents and visitors of Chelmsford's agricultural past. Some of these areas preserve a portion of the forest landscape and provide recreation and/or wildlife habitat. See Unique Features Map in Appendix 1.

1. Scenic Landscapes

Wetlands and meadows surround many of the town's streams and brooks and are some of the most beautiful open space areas that exist in Chelmsford.

- Cranberry Bog Reservation, Beaver Brook, River Meadow Brook, Crooked Spring Brook, and Stony Brook all have similar scenery that includes grassy meadows, woodlands, and pleasant walking areas.

- The railroad bridge on Princeton Street offers views of the meadows surrounding Stony Brook.
- Eagle Marsh, which can be seen from Route 4 in North Chelmsford, is an important area for waterfowl and other wildlife.
- The wetlands on the south side of Littleton Road (Route 110) just west of Chelmsford center, including the Warren Wetlands Preserve, are a scenic area.
- Vistas around Heart Pond and Freeman Lake provide beautiful views of the water.
- Southwell Park in North Chelmsford offers views of the Merrimack River that are attractive.
- Bartlett Park in Chelmsford center provides historic pasture views.

2. Major Characteristic or Unusual Features

Robin Hill (404 feet) is the highest point in Chelmsford and once provided beautiful views, however, the forest has grown and the skyline is only visible through the skeleton of deciduous trees in the winter. The state owns a locked fire tower occupying the hill's summit.

3. Cultural, Archeological, and Historic Areas

Chelmsford has one designated historic district in the Town Center that includes the Forefather's Burial Ground, churches, homes, and commercial establishments dating back to the 18th century. There are a considerable number of historical homes throughout Town and most are oriented toward the former villages of North, South, East, and West Chelmsford. These homes have historical plaques on the outside of the building. Chelmsford's identity as a classic New England Village was replaced by the image of a desirable suburban community with excellent highway access when single family home development peaked in the 1960s and 70s.

North Chelmsford is another area with significant historic and cultural value. Also a village center, this area is home to much of Chelmsford's industrial history. The mill buildings located at Stony Brook have been renovated and converted to other uses. These mill buildings remain as a reminder of Chelmsford's nineteenth-century industrial base. Additional historic sites include the Garrison House on Garrison Road and the Byam Homestead, home of the Chelmsford Historical Society. The historic Middlesex Canal, Robbins Hill, the Lime Quarry, complete with the kilns from the 1700's, several dams, or their remnants, from the

seventeenth, eighteenth and nineteenth centuries all contribute to the story of Chelmsford's past.

The Middlesex Canal was a 27-mile barge canal connecting the Merrimack River with the port of Boston. The canal was chartered in 1793 and operated from 1802 to 1851. A portion of the canal that ran from Middlesex Village in East Chelmsford, Massachusetts, later Lowell, to Billerica is still visible today along Canal Street near the East Chelmsford Water District headquarters. The Middlesex Canal Association has made an effort to erect markers along much of the canal's path.

Samuel Adam's saw/grist mill was constructed on Russell Mill Pond and Thomas Hinchman's saw mill located on Stony Brook were both constructed in the 17th century. Bartlett Woodlot is located adjacent to Beaver Brook, which was a source of water power for the manufacturing that took place in Chelmsford center. Today, the Woodlot and adjacent Bartlett Park remain focal points for Chelmsford's historic center village.

Robins Hill, the Lime Quarry, and Thanksgiving Forest are described in further detail in the Unique Environments Section below.

Important cultural, archeological, and historic open space and recreational areas include:

- Robin Hill – Native American heritage, local historical significance
- Lime Quarry and Beaver Brook – local industrial history
- Canal Street – Middlesex Canal regional transportation history
- Russell Mill Pond – supports local pre-American Revolutionary War industrial history
- Stony Brook and Freeman Lake – support local industrial history
- Thanksgiving Ground Forest – local cultural heritage
- Bartlett Woodlot and Beaver Brook – local industrial history

4. Unique Environments

Chelmsford's unique environments include the limestone deposits/soils of Robin Hill and the Lime Quarry, glacial topography and erratics located in Thanksgiving Forest and on Oak Hill, remaining cultural farmlands, and NHESP habitat areas.

Robin Hill is the highest point in Chelmsford and was named for a Native American chief whose tribe farmed the hill. The hill is a limestone deposit that extends to the lower slopes of the nearby Lime Quarry Reservation. The Lime Quarry reservation site is the former location of lime quarries and kilns dating back as far as 1736. The quarries operated until 1830 and were a major source of lime for plaster for homes in Chelmsford and Lowell. After Europeans settled Chelmsford in the 1650s, pine trees grew over Robin Hill and were forested for lumber. By the 1800's only one pine stood on the summit and was referred to as the lone pine. In 1885, the lone pine died and was replaced by first a flagpole, and then an ice cream parlor. Today, a fire tower stands on the summit. On a clear day, one could see the Boston skyline from the 404-foot peak. However, the forest has grown back and the skyline is barely visible through the skeleton of deciduous trees in the winter. The presence of limestone makes the soils neutral and therefore supports a unique vegetational habitat for this part of Massachusetts.

Thanksgiving Ground Forest is a protected open space reservation that was traditionally used for fox hunting every Thanksgiving. The once open fields are now covered with tall pine trees and mixed oaks. At its focal point, a rise of land near the center, there are several "piles" of glacial erratics. In North Chelmsford there is vacant land on Oak Hill that was once part of a granite quarry and is strewn with smaller glacial erratics and several potential vernal pools. Oak Hill is also home to Scotty Hollow Brook, which winds through the Lowell Sportsmen's Club, supporting a larger wetland system that flows to Swain's Pond and eventually the Merrimack River.

The remaining large farm areas in town range in size from 10 acres to approximately 100 acres and include Misty Meadows/Pine Hill Road Farms, Pohl-Warren Farm, Kent Farm, The Sheehan Corn Maze, Parlee Farm and Lupien Farm. Scattered throughout southern, central and western Chelmsford, these farms are the last remaining agricultural areas in this developed suburban community.

The NHESP has identified five distinct areas of Town that contain threatened or endangered species habitat. These include the Cranberry Bog, a portion of the power line easement near Wright Reservation, River Meadow Brook, wetlands located off Main Street and the Merrimack River. These areas are home to rare, threatened, and species of concern that include reptiles, amphibians, mussels, dragonflies, butterflies, and vascular plants.

G. Environmental Challenges

Hazardous spills, partially capped landfills, pesticides and chemical fertilizers, industrial sites, and flooding are all sources of contamination that threaten Chelmsford's soils, surface, and ground waters. Traffic congestion on Chelmsford's busy roads is also a concern for air quality.

1. Hazardous Waste and Brownfield Sites

There are 186 contaminated sites in Chelmsford which have been listed in the DEP, Bureau of Waste Cleanup.

- 6 of these are Tier 1 and another 6 are Tier 2 – petroleum or hazardous material release sites
- 125 sites have had a Remedial Action Outcomes (RAOs) submitted to the DEP asserting that response actions were sufficient to achieve a level of “no significant risk”.
- 2 sites that have been identified by the EPA as candidates for cleanup under the Superfund program because of the risk they pose to human health and the environment
 - 275 Billerica Road - former Electrometals, Inc. site
 - 16 Maple Road - former Frequency Sources, Inc. site

25 Katrina Road is owned by the Town, identified locally as a Priority Development Site, and recognized by the State as a Brownfield Priority Project site.

2. Landfills

A capped, but not closed, landfill owned by the Town is located on Swain Road. A privately owned, partially capped landfill is located off Stedman Street, north of Route 3. Due to their current status, neither of these facilities is eligible for the Commonwealth's post-closure development use permits. *See Open Space Inventory by Type Map in Appendix 1.*

3. Erosion

Erosion of stream and river banks is not documented in detail for any specific areas of Town over a set observation period. Photographs from the Historical Commission's archives show erosion damage caused by the hurricane of 1938 along the Stony Brook railroad corridor.

4. Chronic Flooding

Several areas have reportedly been observed to flood regularly during storm events or after an extended period of heavy rains:

- Littleton Road, west of Chelmsford Center

- Turnpike Road at River Meadow Brook
- Portions of Southwell Park near the Williamsburg Condominium complex and the Merrimack River
- High Street at Beaver Brook
- Warren Avenue at River Meadow Brook
- Butterfield and Sleeper Streets
- Crooked Spring Road and Meadowbrook Road
- Meadowbrook Road at Stony Brook

5. Sedimentation

Sediment deposition along stream and river banks is not documented in detail for any specific areas of Town over a set observation period.

6. New Development

According to the Master Plan, there are nearly 700 acres of vacant developable land in Chelmsford. Although new development will primarily be comprised of redevelopment projects, the vacant and/or underutilized parcels in Town will be more challenging to protect as they become scarcer.

7. Ground and Surface Water Pollution

The hazardous waste sites, partially capped landfill, old industrial sites, agricultural areas where pesticides were applied, and gas service stations located within flood zones are all potential sources for ground and surface water pollution.

8. Impaired Water Bodies

The following water bodies are identified on the U.S. EPA list of impaired waters:

- Black Brook (MA84A-17): siltation, unknown toxins, pathogens and turbidity
- Deep Brook (MA84A-21): organic enrichment, low dissolved oxygen and siltation
- River Meadow Brook (MA82A-10): pathogens
- Stony Brook (MA84B-04) : nutrients, pH, organic enrichment (low dissolved oxygen) and pathogens

The following water bodies are identified on the 2008 Massachusetts list of impaired waters:

- Merrimack River: metals and pathogens
- Concord River: metals, nutrients, pathogens and exotic species

9. Forestry Issues

The Town recognizes the need for healthy forests and trees to maintain its open spaces and historic silvicultural past.

- **Low Canopy Cover**
Most of Chelmsford is comprised of suburban residential neighborhoods with adequate tree coverage. The developed portions of Town: Chelmsford Center, Vinal Square, the “Golden Triangle” industrial zone on Billerica Road, Chelmsford Street, Drum Hill, and the commercial/industrial developments along Littleton Road have the lowest canopy coverage. Street trees and site redevelopment improvements proposing additional plantings could greatly enhance these areas of Town.
- **High Numbers of Hazard Trees**
Chelmsford does not have an unusually large number of tree hazard incidents. Limbs falling on utility wires and downed trees within Conservation Reservations are typical annual management projects. The Tree Warden is responsible for the safety of all public trees and the COSS volunteers its time and resources to remove hazard trees within Conservation Reservations.
- **High Ratio of Tree Removals to Plantings**
The Selectmen’s 2001 one-for-one policy is designed to ensure that Town projects do not result in tree loss. Site design standards upheld by the Planning Board also ensure that new parking areas maintain trees and green buffers as part of their design.
- **Invasive Species**
The challenges of invasive species are discussed extensively in the Vegetation Section (*See* Section D. 9. above). With specific regards to forestry, the COSS has begun rigorous volunteer projects in the Wright Reservation and at Roberts Fields to remove and control invasive bittersweet, wisteria, and multiflora rose that have overtaken abandoned pastures and large trees. The Conservation Commission will begin identifying and mapping forested areas with invasive species as part of a larger goal to develop a prioritized list of invasive plant populations for management by means of documentation, mapping, and control implementation. The Chelmsford Conservation Commission joined the SuAsCo Cooperative Invasive Species Management Area in November, 2010.

10. Environmental Equity Issues

Equal access to open space was analyzed based on active and passive recreation, as well as physical distance from public open space.

- Equal Access to Open Space

See Access to Public Open Space Map in Appendix 2

Most neighborhoods in Chelmsford are within a quarter mile of public open space and there are only two areas of Town that are more than a half mile from public open space. One area, located off of Brentwood and Fairbanks Road, contains a private Conservation Restriction and is within a single family home neighborhood where lot sizes are 40,000 square feet or larger. The other area, located near Pine Hill and Chestnut Hill Road, is also within a large lot single family home neighborhood and contains two private Chapter 61A agricultural open space areas. With the exception of some posted Water District properties, all public open space is open and free of charge.

- Lack of Tree Cover in Neighborhoods

See Street Tree Inventory and Open Space in Appendix 2

Over 2,500 street trees are mapped within Chelmsford and indicate that all residential neighborhoods have some type of tree coverage. The most densely populated neighborhoods, located in North Chelmsford and the Westlands, where lot sizes are smaller, actually have more street trees per linear mile than neighborhoods with larger lots. This is due to the denser neighborhoods having more roads in a street grid layout. The portions of Town that lack tree coverage include the power line corridor, athletic fields, agricultural fields, landfills, open water, marshes, highways and built environment.

Section 5: Inventory of Lands of Conservation and Recreation Interest

As stated in Section 1, open space protection is important because it contributes to the quality of life in Chelmsford. Additionally, open space: protects drinking water supply quantity and quality; provides space for recreation; protects natural ecosystems and wetlands; provides clean air; contributes to protecting public health; provides opportunity for natural exploration/education; protects local agriculture; protects ground water and surface water supplies; provides wildlife habitat; and protects the aesthetic values deemed important to the community.

Open space is broadly defined by the Open Space and Recreation Planner's Workbook as, "*conservation land, forested land, recreation land, agricultural land, corridor parks and amenities such as small parks, green buffers along roadways or any open area that is owned by an agency or organization dedicated to conservation.*" This definition compliments the Recreational and Open Land statute [M.G.L. Ch. 61B] that defines open land as that "*retained in substantially a natural, wild, or open condition, or in landscaped condition in such a manner as to allow to a significant extent the preservation of wildlife and natural resources.*"

Chelmsford generally distinguishes active recreation areas from other open space and conservation land, although several properties in Town accommodate both types. The different types of open space include: agricultural, cultural/historical, natural resource area/conservation, recreation, vacant land, and wellhead protection. These types are based on the lands' current use and degree of protection. In addition to type, open space has been classified by current use, management, National Recreation and Parks Association (NRPA) classification, state primary purpose, and several other categories. Refer to the detailed open space inventory matrix located in Appendix 3 for a complete listing.

Open space and vacant land totals approximately 3,400 acres or 23% of the total acreage in Chelmsford (14,835). Of this, permanently protected open space makes up about 1,000 acres or 6.7% of the total land area in Town. Active recreation comprises only 135 acres or about 0.9% of the total land area in Town. The table below summarizes the total land area of the detailed open space inventory matrix located in Appendix 3.

There are no Agricultural Preservation Restrictions (APR) in Chelmsford at this time, but the Town anticipates Sunny Meadow Farm to have one in the near future.

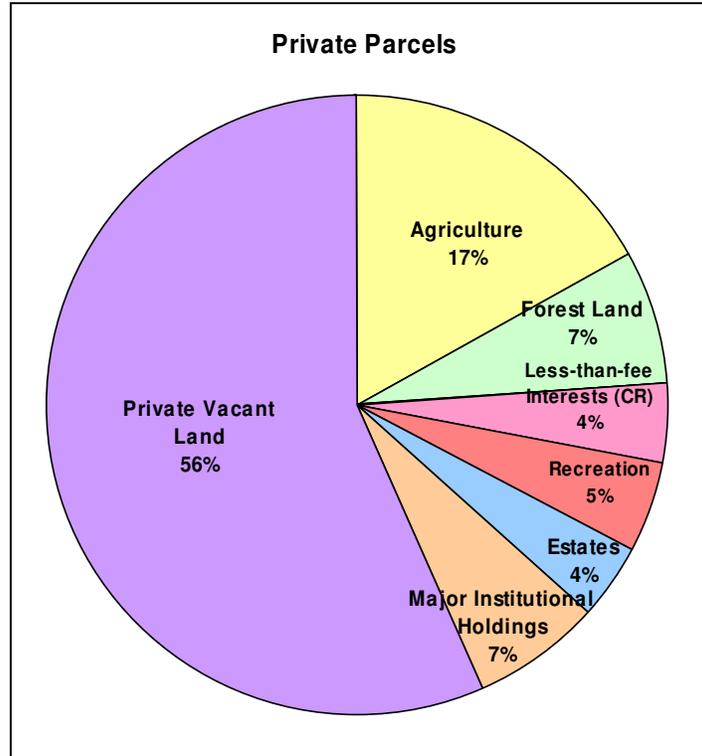
Section 5: Inventory of Lands of
Conservation and Recreation Interest

Open Space	Land Area (Acres)
Private Open Space	
Agriculture	254
Forest Land	103
Less-than-fee Interests (CR)	66
Recreation	71
Estates	56
Major Institutional Holdings	102
Private Vacant Land	850
Total	1,502
Public Open Space	
Conservation Commission	719
School Committee	215
Cemetery Commission	57
Selectmen / Undesignated	340
City of Lowell	15
Water Districts	372
Commonwealth of Massachusetts	99
Total	1,817
Nonprofit Open Space	
Chelmsford Land Conservation Trust	80
Total Open Space	3,399

Protected Open Space	Land Area (Acres)
Private Open Space	
Less-than-fee Interests (CR)	66
Public Open Space	
Conservation Commission	719
Selectmen / Undesignated	79
Water Districts	4
Commonwealth of Massachusetts	56
Total	858
Nonprofit Open Space	
Chelmsford Land Conservation Trust	80
Total Protected Open Space	1,004

A. Private Parcels

Approximately 56% of the private open space in Chelmsford is unprotected vacant land. Of the 1,502 acres of private open space, agriculture comprises approximately 254 acres or approximately 17% of private open space. Other private open spaces include forest land, less-than-fee interests, major institutional holdings, recreation, and estates.



1. Agricultural

Approximately 254 acres of private land is classified as Chapter 61A agricultural land according to the Chelmsford Assessor’s records. Properties enrolled in Chapter 61A are taxed based on the current use of the property (i.e., the productive potential of the land for growing agricultural products), instead of the fair market or development value. The table below details those parcels within Chapter 61A:

Section 5: Inventory of Lands of
Conservation and Recreation Interest

PRIVATE AGRICULTURAL LAND				
Parcel	Address	Ownership	Parcel Acres	Total Acres in Chapter 61A
19-59-5	Princeton St.	Mahoney Group LLC	23.02	23.02
19-59-12	Richardson Rd.	Mahoney Group LLC	1.99	1.99
20-59-1	Princeton St.	Mahoney Group LLC	4.26	4.26
41-140-13	Clinton Ave.	Manville, Claire	6.67	5.67
59-276-14	Westford St.	Lupien, Albert Jr.	11.87	11.87
60-206-31	Lantern Ln.	Sanborn, Jeffrey S.	7.93	6.93
81-316-7	Pine Hill Rd.	Parlee, Henry G Jr.	0.05	0.05
81-316-8	Pine Hill Rd.	Parlee, Henry G Jr.	1.89	1.89
81-321-1	Misty Meadow Rd.	Hennessy, Marjorie R.	41.16	18.00
81-321-17	Pine Hill Rd.	Parlee, Henry G Jr.	8.19	8.19
81-321-35	Pine Hill Rd.	Parlee, Henry G Jr.	15.00	14.00
81-321-44	Pine Hill Rd.	Parlee, Henry G Jr.	3.37	3.37
81-321-45	Pine Hill Rd.	Parlee, Henry G Jr.	0.12	0.12
81-321-46	Pine Hill Rd.	Parlee, Henry G Jr.	2.76	2.77
91-321-2	Pine Hill Rd.	Parlee, Henry G Jr.	2.33	2.33
94-348-14	Boston Rd.	Pohl, Martha L. & David C	53.32	51.09
99-370-1	Pine Hill Rd.	Sheehan, Andrew	29.68	29.68
104-387-48	Mill Rd.	Chase, John S. & Marion L. TRS	29.00	27.00
117-443-1	Acton Rd.	Parlee, Charles A.	5.00	5.00
117-443-31	Proctor Rd.	Parlee, Charles A.	1.06	1.06
119-450-4	Concord Rd.	Mckay, Marlee E. Trustee	7.20	7.20
119-450-10	Concord Rd.	Mckay, Marlee E. Trustee	1.00	0.0005
126-449-2	Proctor Rd.	Wojtas, Frank	11.85	11.85
126-449-3	Proctor Rd.	Wojtas, Frank	12.50	11.50
131-462-2	Elm St.	Wojtas, Patricia	5.25	5.25
Total			286.47	254.09

2. Forested Land

Approximately 103 acres of private land is classified as forest land according to the Chelmsford Assessor's records. The table below details those parcels within Chapter 61:

PRIVATE FOREST LAND				
Parcel	Address	Ownership	Parcel Acres	Total Acres in Chapter 61
7-4-40	Glendale Rd.	Lowell Sportsmen Club	4.36	4.36
7-4-41	Dunstable Rd.	Lowell Sportsmen Club	7.50	7.50
7-4-43	Dunstable Rd.	Lowell Sportsmen Club	1.12	1.12
7-4-44	Dunstable Rd.	Lowell Sportsmen Club	1.95	1.95
8-4-26	Swain Rd.	Lowell Sportsmen Club	1.14	1.14
8-4-29	Swain Rd.	Lowell Sportsmen Club	0.30	0.30
11-4-2	Swain Rd.	Lowell Sportsmen Club	41.39	32.39
12-4-1	Swain Rd.	Lowell Sportsmen Club	0.21	0.21
12-4-2	Swain Rd.	Lowell Sportsmen Club	2.51	2.51
72-320-14	Bridge St.	Bridge St Realty Trust	13.72	13.75
81-321-1	Misty Meadow Rd.	Hennessy, Marjorie R.	41.16	21.16
119-450-8	Concord Rd.	Visniewski, Anthony B.	17.26	16.26
Total			132.62	102.65

3. Water Resource Protection

There are no privately owned lands whose current use is primarily water resource protection.

4. Rare Species and Natural Communities

There are no privately owned lands whose current use is primarily rare species habitat or natural community protection.

5. Less-than-fee interests (CR)

Approximately 66 acres of private land is classified as Less-than-fee-interests according to the Chelmsford Assessor's records. Less-than-fee-interests are those properties encumbered by a Conservation Restriction (CR) that are permanently protected. These do not include public properties or nonprofit properties that are protected by a CR,

which are listed in Section 5. B. The table below details private parcels protected by a CR:

LESS-THAN-FEE-INTERESTS (CR) LAND				
Parcel	Address	Ownership	CR Type	Total Acres
37-130-2	Old Farm Way	Sack Roberts TRS ETAL	State	3.50
37-130-6	Old Farm Way	Sack Roberts TRS ETAL	State	8.60
49-206-36	Hornbeam Rd.	Talbot Estates Homeowners	State	4.60
106-391-3	Mill Rd.	Lyons II Elmer H. TR	State	4.59
111-412-26	Brittany Ln.	Kayla Estates Trust Trustees	Local	5.41
112-425-7	Arthur Ave.	Wojtas, Charles Trustee of Franks Farm Realty TR	State	15.00
118-449-1	Farley Brook Rd.	Dorobiala Lee Metals TRS	Unknown	8.79
127-450-15	Trailside Dr.	Flaherty, Joseph TR	Unknown	9.80
138-484-26	Arrowhead Cr.	Caraco, Joseph ETAL TRS	Unknown	5.80
Total				66.09

6. Recreation Lands

An inventory of private recreation facilities in Chelmsford does not exist. A general inventory of both private and public outdoor recreation facilities was conducted in 2004 as part of a Town-wide aerial survey.

Several private condominium, townhome, and apartment complexes maintain recreation facilities for their residents. These are not specifically listed in the inventory, but are generally included in the 2004 aerial inventory of private and public outdoor recreation facilities.

Private recreation land includes nonprofit organizations that own and maintain outdoor active recreation facilities. These are considered private and not listed within the nonprofit section of the OSRP because they are not open to the general public. Note that the Chapter 61B property located on Spaulding Road is a portion of a larger property that is mostly located in the Town of Westford.

PRIVATE RECREATION LAND				
Parcel	Address	Ownership	Parcel Acres	Total Acres in Chapter 61B
11-4-2	Swain Rd.	Lowell Sportsmen Club	41.39	9.00
57-215-9	Spaulding Rd.	William H. Harman III	1.26	1.26
108-393-1	Robin Hill Rd.	Chelmsford Swim & Tennis	17.30	17.30
113-397-7	Mill Rd.	Russell Mill Swim & Tennis	10.60	9.60
Total			70.55	37.16

Private Organizations Utilizing Public Lands

a. Chelmsford Youth Baseball (CYB)

www.chelmsfordyouthbaseball.org

The main CYB complex on Chelmsford Street/Route 110 is on ground that is owned by the Town of Chelmsford and used exclusively by CYB. The field improvements and buildings at the complex are owned and maintained by CYB.

Additionally, other fields around Town are that are used by the CYB are owned by various Town of Chelmsford entities, including the School Department and the Board of Selectmen. Maintenance on those fields is provided by various town agencies, with significant contributions in time and money by CYB. The baseball fields at the Chelmsford Street/Route 110 CYB complex are scheduled by and used exclusively by CYB.

The Chelmsford Street/Route 110 little league baseball fields are locked when not used by the CYB.

b. Chelmsford Youth Soccer (CYSA)

www.chelmsfordyouthsoccer.com

The CYSA used fields own by the Chelmsford School Department or Conservation Commission. Use of the fields by other groups is not permitted without the permission of CYSA. When not in use by CYSA programs, the soccer fields are available for limited use by other soccer organizations. CYSA reserves the right to limit the type and duration of activities to preserve the quality and safety of the playing surfaces. Fields include: Harrington, Highland, Murphy, Roberts, and South Row.

c. Chelmsford Girls Softball League

www.chelmsfordgirlssoftball.org

The Chelmsford Girls Softball League does not report to have exclusive use of any fields in Town, but maintains a spring game schedule using public fields across Town, including those on school properties.

Private Non-Profit Organizations

a. Chelmsford Swim & Tennis

www.chelmsfordswimandtennis.org

Chelmsford Swim & Tennis (CST) is a non-profit member owned and operated organization with one outdoor in-ground pool and six tennis courts. Membership is limited to 215 families and pool facilities are open Memorial Day Weekend through Labor Day, the tennis courts are open early spring to mid fall. CST was established in 1965 by a group of residents who pooled their resources, and obtained loans to purchase 18 acres of land at 133 Robin Hill Road. This site abuts the BFRT.

b. Russell Mill Swim & Tennis Club

www.russellmill.com

Founded in 1948, as the South Chelmsford Gun and Rod Club, Inc., the member-run, non-profit organization changed its name in 2006 to the Russell Mill Swim & Tennis Club (RMSTC). The RMSTC owns one pool, four lighted tennis courts, and a half-court basketball area on 10 acres located at 160 Mill Road.

c. Lowell Sportsmen's Club

www.lowellsc.org

The Lowell Sportsmen's Club (LSC) was first formed in 1913 and moved to Chelmsford in the late 1930's. The LSC owns facilities consisting of several ranges and buildings on approximately 70 acres of land located at 50 Swain Road that include: 4 trap fields, skeet field, 50 ft outdoor small bore range with 3 ambidextrous benches, 50 ft indoor range with 6 stations, 25 yd outdoor range with 3 ambidextrous benches, 100 yd outdoor range with 5 ambidextrous benches, archery range and fishing pond. This site abuts Deep Brook Reservation.

d. Lighthouse School

www.lighthouseschool.org

Since 1967, Lighthouse School, Inc. has been a private, not-for-profit human service corporation serving the needs of students having a

broad range of disabling conditions. The school owns a basketball court, baseball field, small soccer or multi-use field, and a playground located at 25 Wellman Avenue. Enrolled students reside in many of the cities and towns of eastern Massachusetts and southern New Hampshire and are transported to and from Lighthouse School daily. This site abuts Southwell Park.

7. Estates

Estates in Chelmsford include developable private parcels of land that are 25 acres or larger and either vacant or containing only one single family home. Parcels qualifying as estates are listed in the table below:

PRIVATE ESTATES				
Parcel	Address	Ownership	Type	Parcel Acres
91-321-1	Pine Hill Rd.	Koulas, Constanto M.	Single Family Home	25.20
138-484-34	Elm St.	Kent, Alan T. TR	Vacant Land	31.00
Total				56.20

8. Major Institutional Holdings & Private Landfills

Although the UMass Lowell Campus is considered a major institutional holding, they are also a state organizations and therefore described in Section 5. B. 4. Major institutional holdings are comprised of private cemeteries:

MAJOR INSTITIONAL HOLDINGS				
Parcel	Address	Ownership	Type	Parcel Acres
41-128-1	Lancaster Ave.	Lowell Hebrew Comm. CTR Corp	Cemetery	2.52
65-271-4	Riverneck Rd.	OMI Rufus Whitley ETALS	Cemetery	57.00
76-271-7	Riverneck Rd.	St Josephs Cemetery	Cemetery	11.60
Total				71.12

PRIVATE LANDFILL				
Parcel	Address	Ownership	Type	Parcel Acres
32-110-1	Stedman St.	Kasner Perry Trustee	Landfill	30.78

9. Private Vacant Lands

In addition to some private corporate holdings with associated open space, there are 534 privately owned vacant parcels totaling over 850 acres in Town. These properties are listed in the inventory located in Appendix 3.

B. Public and Nonprofit Parcels

Public open space totals 1,804 acres and nonprofit organizations dedicated to protecting publically accessible open space own an additional 79 acres.

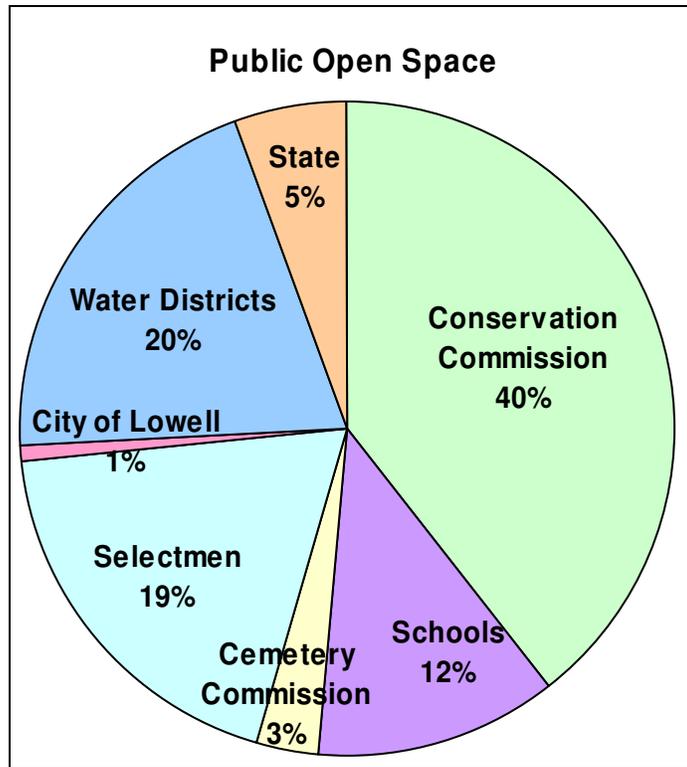
1. Public Conservation and Recreation Resources

Public open space is divided into two categories: conservation land and open space; and active recreation areas. Within these categories, open space is further subdivided by management agency.

a. Conservation Land & Open Space

1. Town Owned

Although 40% of public open space in Chelmsford is managed by the Conservation Commission; the water districts, Board of Selectmen and School Committee collectively manage more open space. Other public open space is managed by the Cemetery Department, City of Lowell, and the Commonwealth of Massachusetts.



Conservation Commission Lands

The Chelmsford Conservation Commission manages ten reservations and holds several other properties that are dedicated to conservation uses. Conservation reservations are designated holdings with significant potential for public access or passive recreation use. A total of 590 acres are under Conservation Commission management as Conservation Reservations.

A detailed description and narrative history of each reservation is described in the 2003 OSRP.

CONSERVATION COMMISSION LANDS			
Name	Address	Total Parcels	Total Area (acres)
Crooked Spring	79 Crooked Spring Road	1	37.44
Lime Quarry	151 Littleton Road	5	64.37
Wright Reservation	120 Parker Road	25	57.17 ⁸
Robin Hill	Acton Road	5	33.02
Deep Brook	124 Dunstable Road	1	15.67
Redwing Farm	17 Maple Road	1	12.56
Cranberry Bog	Elm Street	1	180.00
Russell Mill	105 Mill Road	1	132.00
Thanksgiving Ground Forest	40 Janet Road	6	45.67
Bobby Greenwood Wildlife Reserve	Off Concord Road	1	13.20
Reservation Subtotal			590.18
Smaller Non-reservation parcels	-	41	129.18
Total			719.36

According to the Assessor's records, 41 parcels ranging in size from a quarter acre to 20 acres are also managed by the Conservation Commission. These parcels total 129 acres and are typically power line easements, isolated parcels, or parcels that are primarily wetlands.

Past reservation management plans were completed for Wright Reservation in 1970, Crooked Spring in 1972, and Red Wing Farm in 2003.

School Lands

The open space within school properties is unprotected and includes active recreation lands. Total open space is calculated by deducting the area of the buildings and parking areas associated with the buildings.

⁸ The 2003 OSRP listed Wright Reservation as having 110 acres; however, review of the assessor's files and Town Clerk's files indicate that several parcels previously believed to be managed by the Conservation Commission are actually undesignated and therefore managed by the Board of Selectmen.

PUBLIC SCHOOL LANDS			
School	Total Acres	Total Open Space Acres	Exclusive Recreation Acres
Byam School	29.77	25.33	3.42
Center School	12.03	8.34	1.17
Chelmsford High School	96.27	89.71	28.94
Harrington School	14.20	13.40	3.65
McCarthy Middle School	38.25	35.10	12.38
Parker Middle School	27.80	25.73	6.18
South Row school	18.84	14.03	6.30
Westlands School	6.03	3.52	1.73
Total	243.19	215.16	63.77

Cemetery Commission Lands

Public cemeteries are part of the cultural/historical open space within Town.

CEMETERY LANDS			
Parcel	Name	Address	Total Acres
14-19-23	Riverside Cemetery	Middlesex St	3.84
18-56-21	Fairview Cemetery	Main St	14.17
36-125-23	Strawberry Hill	Strawberry Hill Rd	1.81
36-145-1	West Chelmsford Cemetery	Strawberry Hill Rd	1.48
73-320-2	Forefathers Burying Ground	Littleton Rd	5.00
74-291-1	Pine Ridge Cemetery	130 Billerica Rd	27.00
75-291-20	Pine Ridge Cemetery	Riverneck Rd	0.29
75-291-27	Pine Ridge Cemetery	Riverneck Rd	0.12
75-291-30	Pine Ridge Cemetery	Riverneck Rd	0.18
116-437-12	Heart Pond Cemetery	Parkerville Rd	3.86
Total			57.75

Undesignated / Board of Selectmen Lands

Of the 171 parcels, 162 are undesignated as it relates to management and fall under the responsibility of the Board of Selectmen by default. Most undesignated parcels were

acquired via tax title takings and/or donations. The 453 acres of open space that are undesignated and Board of Selectmen managed include both protected and unprotected parcels with active recreation, agriculture, facilities, landfill, parks, commons, aquifer protection land, utility corridors, and vacant land. Total open space is calculated by deducting the area of the facilities, buildings and parking areas associated with the buildings. Open space that is active recreation is described in Section 5. B. 1. b.

SELECTMEN OPEN SPACE LANDS			
Name	Address	Total Parcels	Total Area (acres)
Sunny Meadow Farm*	Robin Hill Rd.	2	22.52
Landfill**	Swain Rd.	1	16.76
Small Commons / Traffic Islands	-	6	0.41
Oak Hill	Oak Hill Rd.	2	68.11
-	Meadowbrook Rd.	1	21.00
-	Susan Ave.	1	22.85
Vacant Land	-	131	179.23
Total		144	330.88
*Purchased using Community Preservation Act money and subject to an Agricultural Preservation Restriction. **Landfill may be under Conservation Commission control. Additional investigation into ownership is required.			

The Selectmen, through the Chelmsford Agricultural Commission and Chelmsford Open Space Stewardship manage the Richard St. Onge Garden for disabled gardeners; the Walter F. Lewis Community Garden; and the Town Nursery located within Sunny Meadow Farm.

2. *City of Lowell Owned*

The City of Lowell owns and manages a portion of a public cemetery and a baseball field within the Town of Chelmsford.

CITY OF LOWELL CEMETERY LANDS			
Parcel	Name	Address	Total Acres
14-19-23	Edson Cemetery	Carlisle St.	0.43

CITY OF LOWELL ACTIVE RECREATION AREAS			
Parcel	Name	Parcel Size (acres)	Recreation Area (acres)
55-175-1	Manning Field	14.20	0.98

3. Water District Owned

The water districts own 372 acres of open space all of which has limited or no protection.

WATER DISTRICT LANDS			
Water District	Parcels with Open Space	Parcel Acres with Open Space	Total Open Space Acres
Chelmsford	51	261.44	255.41
North	11	84.69	83.75
East	4	33.85	32.93
Total		379.98	372.09

Chelmsford Water District

The Chelmsford Water District owns 51 parcels with open space that total 261 acres. Of this, 255 acres are classified as open space that includes aquifer protection, vacant land, and open water. Two open space parcels located on Robin Hill were exchanged with the Conservation Commission through the Chapter 97 process in return for a portion of the open space that is partially occupied by a water tower.

North Chelmsford Water District

The North Chelmsford Water District owns 11 parcels with open space that total 85 acres. Of this, 84 acres are classified as open space that includes aquifer protection, vacant land, and open water. The total open space will be reduced by 1.2 acres after the North Chelmsford Water District completes construction of a water treatment plant facility located at 55 Richardson Road.

East Chelmsford Water District

The East Chelmsford Water District owns 4 parcels with open space that total 34 acres. Of this, 33 acres are classified as open space that includes mostly aquifer protection land and open water.

4. State Owned

A detailed description of Great Brook Farm State Park and the Bruce Freeman Rail Trail (BFRT) is described in the 2003 OSRP. State land includes protected and unprotected parcels whose uses include: UMass Lowell facilities, vacant land, aquifer protection, conservation, and a greenway.

STATE OPEN SPACE LANDS			
Management	Parcels with Open Space	Parcel Acres with Open Space	Total Open Space Acres
Mass DOT	6	38.10	38.10
UMass Lowell	2	42.00	31.81
DCR	1	20.60	20.60
Total		100.7	90.51

STATE ACTIVE RECREATION AREAS			
Type	Name	Length in Chelmsford (Miles)	Recreation Area Acres
Greenway	Bruce Freeman Rail Trail	5.3	8.82

Bruce Freeman Rail Trail (BFRT)

www.brucefreemanrailtrail.org

The Chelmsford portion of the BFRT is the first phase of the trail that is envisioned to extend from Lowell to Framingham. The Town is responsible for maintenance and operation of the facilities.

b. Active Recreation Areas

1. Town Owned

Chelmsford has over 130 acres of dedicated active outdoor recreational space that is publicly owned. Nearly half of the active public recreation areas are within school property. Less than 20% of the total active recreation areas in Town are within traditional public parks and playgrounds.

ACTIVE RECREATION AREAS: NRPA CLASSIFICATION			
NRPA Classification	Count	Parcel Size (acres)	Recreation Area (acres)
Community Parks	1	26	5.04
Mini Parks	4	8.05	4.68
Neighborhood Parks	4	56.74	16.70
Public School Parks	8	243.19	63.77
Golf Courses	1	51.34	32.05
Connector Trails	1	0.97	0.97
Greenways	1	8.82	8.82
Private Parks	2	27.9	3.63
Total	22	423.01	135.66

PUBLIC PARKS, COMMONS & PLAYGROUNDS			
Park	Address	Total Acres	Exclusive Recreation Acres
Center Common	North Road & Westford Street	1.0	-
Common	Turnpike & Billerica Road	0.3	-
East Playground	Carlisle Street	2.5	1.5
Heart Pond Beach/Park	Pond Street	1.0	1.0
Highland Field	John Street	3.0	1.5
McFarlin Fields	Chelmsford Street	1.1	1.1
Murphy Field Soccer Complex	105 Mill Road	3.3	3.3
North Common	Princeton & Middlesex Streets	0.4	-
Roberts Field & Friendship Park	Old Westford Road	21.0	6.1
Southwell Park	Wotton Street	26.0	5.0
Strawberry Hill Field	Jordan Street	1.5	0.6
Varney Playground/Beach	Adams Street	7.0	4.0
Total		68.1	24.1

Public Recreation Facilities

Other public recreation facilities include the Chelmsford Forum, which is a Town of Chelmsford public ice skating facility located in Billerica and operated by a partnership between the Town and FMC Ice Sports.

The gymnasium on the ground floor of the Town Offices located at 50 Billerica Road hosts organized volleyball and basketball, and is scheduled through the Office of Community Education.

The Chelmsford Country Club is a public golf course located at 66 Park Road; it is owned by the Town and managed through a lease agreement with Sterling Golf Management, Inc.

Chelmsford has two public beaches, one located at Heart Pond and one within Varney Playground at Freeman Lake, that provide seasonal swimming. Heart Pond and Freeman Lake allow for non-motorized boating, such as canoeing and kayaking. A boat launch within Southwell Park provides access for both motorized and non-motorized boats to the Merrimack River.

School Recreation Facilities

Each of the elementary, middle, and high schools in Town have indoor recreational facilities, such as gymnasiums, and some school properties also contain specialized outdoor recreation areas. A detailed inventory of these facilities has not been completed.

2. Nonprofit Lands

a. Conservation Land and Open Space

1. Chelmsford Land Conservation Trust

www.chelmsfordlandtrust.org

The Chelmsford Land Conservation Trust, Inc. is a non-profit land trust that owns approximately 80 acres of conservation land as private property open to all citizens of Chelmsford.

CHELMSFORD LAND CONSERVATION TRUST		
Property	Address	Total Acres
Archer Meadowbrook Preserve	East Putnam Avenue	12.74
Bartlett Park	Acton & Adams Road	3.25
Bartlett Woodlot	Acton Road	10.47
Miriam E. Warren Wetlands Preserve	Littleton Road	3.0
Lt. Edward-Hope Bovey Woodlot	High Street & Ray Hill Road	8.88
Bovey Woodlots	High Street & Ray Hill Road	1.86
McDermott Woodlots	High Street & Ray Hill Road	0.93
Kroll, Calder, Larder Pasture	Proctor Road	14.12
Warren Wildlife Sanctuary	Janet Road	24.00
Total		79.25

2. Middlesex Canal (Billerica and Lowell)

www.middlesexcanal.org

The Middlesex Canal was a 27-milelong commercial barge route operating from 1803 to 1853 and linking the Merrimack River with Boston Harbor. The canal was a major transportation artery and instrumental in industrial development along the Merrimack River. Today, the longest intact portion of the canal is located in Billerica.

According to the 2008 Middlesex Canal Restoration Program Study, the Middlesex Canal Commission plans to restore portions of the canal located in Chelmsford. A canal trail along the former canal towpath would stretch from Billerica through Chelmsford to Lowell, likely connecting with the Bruce Freeman Rail Trail and potentially linking to the Merrimack River Trail. Although the restoration of the Middlesex Canal would be an important revitalization tool, promoting both historic and recreational amenities, it is also located adjacent to public drinking water supplies and the protection of public drinking water must be addressed during the restoration process.

b. Active Recreation Areas

There are no non-profit organizations focused solely on active recreation who own land as private property that is open to all citizens in Chelmsford.

C. Access and Equity

See Access to Public Open Space Map in Appendix 2

Equal access to open space was analyzed based on active and passive recreation, as well as physical distance from public open space.

Public open space is generally well distributed throughout Town with the largest contiguous parcels located in South Chelmsford and the northernmost portion of Town. Most neighborhoods in Chelmsford are within a quarter mile of public open space and there are only two areas of Town that are more than a half mile from public open space. One area, located off of Brentwood and Fairbanks Road, contains a private Conservation Restriction and is within a single family home neighborhood where lot sizes are 40,000 square feet or larger. The other area, located near Pine Hill and Chestnut Hill Road, is also within a large lot single family home neighborhood and contains two private Chapter 61A agricultural open space areas. These are the only two areas of Town that require additional public open space in order to make all portions of Chelmsford equally accessible to within a half mile distance; however, the population density and socioeconomic makeup of these neighborhoods does not classify the areas as deprived of accessible open space.

An analysis of needs and goals and objectives for improving accessibility are addressed in Section 7 and Section 8 respectively.



Bridge within Red Wing Farm Reservation

Section 6: Community Vision

Chelmsford's open space and recreation resources are at the crossroads of where we live and play

A. Description of Process

Chelmsford's goals for open space and recreation were developed from the information gathered at two public forums conducted by the 2010 Master Plan Committee, a community survey distributed in paper and electronic format (See Appendix 3), stakeholder interviews and written responses, inquiry with Town departments and other public entities, as well as accepting input from individual citizens. The OSRP Committee synthesized the comments, observations, and exchange of ideas with the goals and objectives evaluated from the 2003 OSRP and the recommended goals from the 2010 Master Plan to create the detailed vision-based objectives discussed in this plan.

Dec. 2009	OSRP Committee Appointed	
Jan. 2010	First Committee Meeting	Review 2003 OSRP
Mar. 2010	Distribution of Survey	Compile inventory data
Apr. 2010	Draft Sections 1-4	Collect Master Plan public input
May 2010	Review Sections 1-4	Collect stakeholder Input
Jun. 2010	Draft Section 5	Review inventory
Jul. 2010	Draft Sections 6-8	Review draft plans
Aug. 2010	Draft Sections 9-11	Review needs and goals
Sep. 2010	Final review & edits	
Oct. 2010	Distribute Final Draft Plan	Send Draft Plan to DCS
Nov. 2010	Solicit final public comments	Collect requested additional data
Dec. 2010	Integrate public comments	
Jan. 2011	Finalize edits & compile plans	Collect review letters
Feb. 2011	Submit Final Plan to DCS	

B. Statement of Open Space and Recreation Goals

The OSRP vision utilizes the guiding principles of the 2010 Master Plan and the input provided from stakeholder groups and citizens to place Chelmsford's open space and recreation resources *at the crossroads of where we live and play*. To achieve this vision, the Town should increase its understanding of the needs of the community, create new opportunities, manage existing lands and facilities, and engage public outreach.

Understanding Needs

- Evaluate recreation and open space use
- Establish acceptable levels of service

Managing Existing Resources

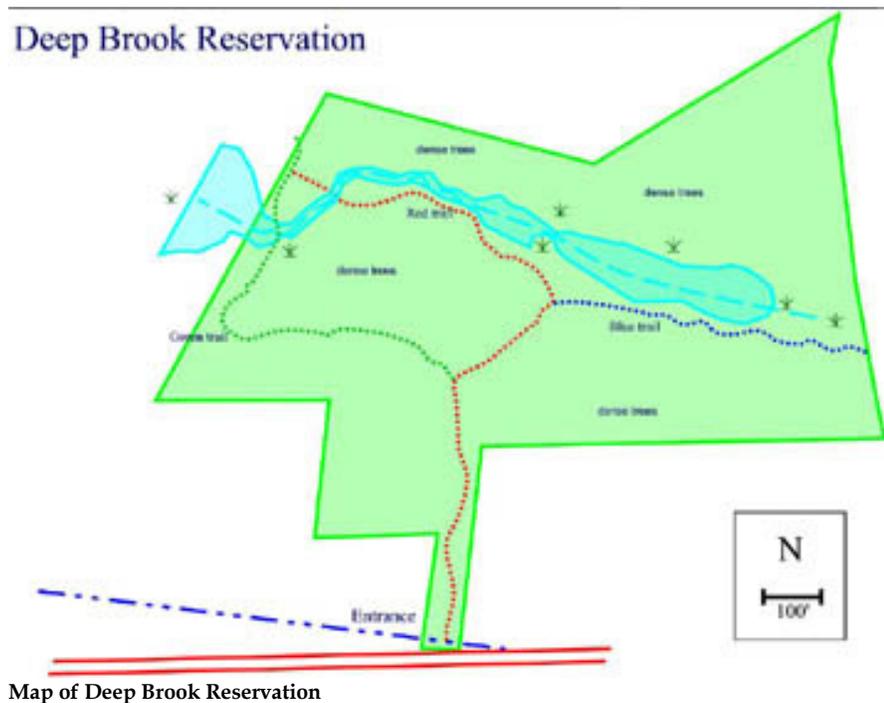
- Create management plans for open space and recreation areas
- Identify and prioritize maintenance needs
- Improve management and maintenance in accordance with level of service demands
- Prioritize accessibility improvements
- Protect designated wildlife and water resource areas

Creating New Opportunities

- Identify and prioritize opportunities
- Acquisition and/or expansion
- Provide connections
- Create a broad range of opportunities

Promoting Public Outreach

- Encourage utilization
- Foster public appreciation



Section 7: Analysis of Needs

A. Summary of Resource Protection Needs

Wildlife habitats, lakes, ponds, rivers, streams, wetlands, aquifers/drinking water supply, flood plains, watersheds, forest lands, and prime agricultural lands have unquantifiable intrinsic and anthropocentric values that need to be protected. The Town needs to continue to be vigilant in protecting its water resources, particularly as it relates to drinking water supply.

There is no minimum or maximum standard or recommended level of service for natural resources. Therefore, the need for their protection is based entirely on the perception and desire of the local community. Chelmsford's residents support protecting natural resources as a way to preserve the Town's character and quality of life.

1. Water Resources

- Monitor surface water quantity and quality within public drinking water supply watersheds
- Improve surface water quality in streams, rivers, and other water bodies
- Conserve water uniformly Town-wide
- Protect drinking water sources
- Organize volunteer stream teams

According to the 2003 OSRP the Town used 4.5 million gallons of water daily. According to the 2010 Master Plan, the water districts have the capacity to increase water production by 20% using local aquifers. However, significant future expansion beyond that level may have to come from the Merrimack River rather than groundwater.

Although the population of Chelmsford is not anticipated to increase 20% within the next five to ten years, the population characteristics outlined in Section 3.C. indicate that an additional 80 acres of residential land that may potentially be developed. Commercial and industrial redevelopment, both presumptively more intensive users of water than residential, should be anticipated. Every summer, the Water Districts issue mandatory outdoor water restrictions, indicating the need for more water conservation.

Limited vacant land available within Chelmsford's drinking water supply watersheds makes protecting the quantity and quality of existing waters key to maximizing the long-term use and stability of the local aquifers. The Town needs to work cooperatively with its three

local water districts to determine how more information can be gathered and shared. The Town and the Districts should determine what steps can be taken to improve water quantity and quality, perhaps through expanding resources for data collection and monitoring or through increasing efficiency in resource use that leads to a more proactive Town-wide goal. Organizing volunteer “stream teams” that adopt individual water bodies in Town for monitoring and data collection is one way to address water quality needs. Improving education and creating consumer rebate and incentive programs are additional options to help protect the Town’s drinking water supply.

2. Wildlife Habitat

- Conduct regular wildlife inventories
- Inventory and monitor rare, threatened and endangered species
- Improve wildlife data storage and dissemination

A variety of wildlife is an indication of the ecological health of a natural community. Wildlife surveys on protected properties and on parcels that are adjacent to or link existing wildlife corridors would reveal the wealth (or dearth) of wildlife in Town and alert and inform residents about the quantity as well as quality of wildlife habitat available. Property management of public lands specifically for wildlife habitat preservation should be reviewed and modified, if needed, based on balancing protecting wildlife habitat with other open space needs.

Wildlife data collection and monitoring should be coordinated with the animal control officer and any interested volunteers. This may include organizing stream teams dedicated to adopting the monitoring responsibilities for individual streams and wildlife areas.

3. Plant Communities/Local Flora

- Conduct regular vegetation inventories
- Identify and monitor invasive plant species populations
- Improve invasive species education

Vegetation surveys on protected properties and on parcels that are adjacent to protected open space would better characterize the health and stability of Chelmsford’s flora and inform residents about the presence and threat of invasive plant species. Property management of public lands specifically for invasive species control and maintaining native vegetation should be developed as part of individual site master plans.

Invasive plant species control and native flora monitoring should be coordinated with the Conservation Commission, COSS, Sudbury-Assabet-Concord Cooperative Invasive Species Management Area and any interested volunteers.

4. Open Space

- Update and/or create management plans for existing conservation reservation open space areas
- Identify and prioritize maintenance needs
- Prioritize accessibility improvements
- Acquire and enhance open spaces that create existing and new linkages
- Determine if portions of current conservation lands are best suited for Conservation Commission management

During the past six years, the dedicated members of the Chelmsford Open Space Stewardship (COSS) have made significant physical improvements to the Conservation Reservations that have resulted in increased accessibility and use. COSS has also organized maintenance to preserve their initial investment and continue ongoing stewardship of the Land. The Town may now focus on open space management.

The Conservation Commission, via use of Community Preservation Act funds to hire consultants and staff resources, should develop individual detailed plans to guide Town staff and volunteers on how to manage the reservations for their future use and enjoyment. These plans would: establish level of service; identify and prioritize maintenance; and initiate improvements like accessibility, education, invasive species removal, and wildlife habitat preservation. Unique features within open space reservations, like dams, historical sites, recreation facilities, designated habitats, etc. would have their own section in each management plan. These plans should conform to the overarching goals established by the OSRP.

Providing accessible open space experiences that are wheelchair and stroller friendly would provide a valuable community amenity. By creating additional linkages between open spaces, as the BFRT has done, the Town can facilitate broader inter-neighborhood use, encourage exercise trails, and provide a safe route non-motorized travel. Lastly, some open space properties managed by the Conservation Commission, like Russell Mill, include both open space for passive recreation and active recreation fields. Management and ownership of

conservation lands should be analyzed to determine if portions of these properties would be better managed by entities

B. Summary of Community's Needs

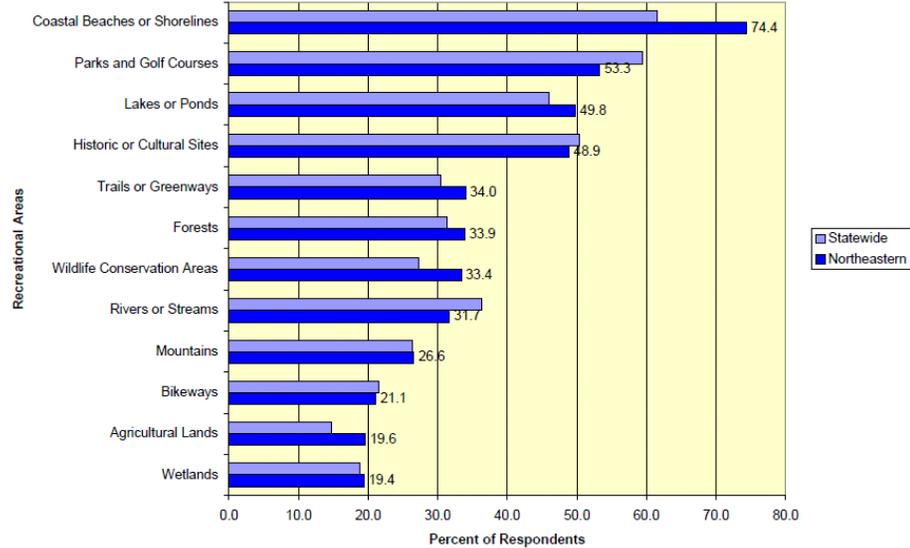
The 2006 Statewide Comprehensive Outdoor Recreation Plan (SCORP) includes a needs assessment for the northeast region that was used to help target areas of critical need. Needs assessments are created by evaluating available supply along with current and future demand. The regional profile provides information on demand, both met and unmet, and supply that will point out areas of need that should be considered in open space and recreation planning.

The highest needs identified in the northeast region by the SCORP include: road biking, playground activities, walking, and swimming. Baseball, sunbathing, horseback riding, off-road vehicle driving, snowmobiling, boating (motorized), and surfing are more often reported as a need here than anywhere else in the Commonwealth. Also more popular than average demands include soccer, tot lot activity, and hockey (pond). The SCORP survey need assessment is compared with the Town's survey need assessment within the recreation portion of this section.

The SCORP list of resource areas used in the northeast includes golf courses, neighborhood parks, playgrounds and tot lots, lakes and ponds, and historic and cultural sites. The least used recreation resources in the northeast are reported to be wetlands and agricultural lands, although these had high satisfaction ratings for those using them.

In terms of satisfaction with open space resources, the SCORP survey reports that residents of this region are least satisfied with lakes and ponds, bikeways, and rivers and streams in that order. The dissatisfaction level for bikeways is far and away the highest in the state. Cleanliness, maintenance, and other are cited as issues. The same is true, though to a lesser degree, with forests, where capacity and attractiveness are cited as complaints, causing forests to be ranked lowest in this region in terms of median number of trips. The highest satisfaction level is that for historic and cultural sites, followed by wildlife conservation areas, and then mountains, agricultural lands and wetlands. Satisfaction levels with wetlands, agricultural lands, and historic sites reflect the much shorter distances that residents of this region travel to reach these destinations.

Figure 51. Experience with Recreational Areas in the Northeastern Region



From the 2006 SCORP

Chelmsford needs to identify the appropriate mix of open space types, uses, public access and establish Level of Service (LOS) expectations. LOS for active recreation areas is needs-based, facility-driven and land-measured. For active recreation, this is a function of current and future demand to accommodate specific uses on a set number of facilities. For open space and passive recreation trails, LOS more broadly represents the upkeep level or condition that trails should be maintained at as a minimum threshold based on their designation.

Open space types include passive recreation areas, aquifer protection lands, wildlife preserves, forestry lands, etc., which are not mutually exclusive and some open spaces may be suitable for multiple complimentary uses. Open space areas that are currently designated as reservations (maintained trails and open to the public) need to be examined to determine if there are other designation options, such as being set aside as natural wildlife preserves or aquifer protection lands. This will be explored as part of the reservation management plans described above.

Current undesignated open spaces that are inferred to be natural resource areas need to be examined to determine if they would more appropriately be designated as passive or active recreation areas. Active recreation areas would also include neighborhood parks, pocket parks, playgrounds, and landscaped/lawn areas for multiuse recreation. The analysis should also include identifying future “adopt-a-park” and “friends of” organizations,

similar to the Friends and Neighbors of Varney Playground and the Varney Park Restoration Committee (VPRC).

1. Vacant Land

- Better manage undesignated Town-owned land
- Identify and prioritize the protection of private vacant land in order to create linkages to existing open spaces

Over 100 Town-owned parcels are undesignated. Based on the purposes that these parcels serve, the Town should designate management to the best practicable entity that ensures maintenance, safety, and security within these Town-owned lands. Protected conservation land and vacant land within adjacent Towns should also be examined when evaluating private vacant land for potential protection.

2. Recreation

- Clearly define the management of recreation areas
- Determine existing and new recreation facility needs
- Create management plans for existing parks, fields and active recreation areas
- Identify and prioritize maintenance needs
- Prioritize accessibility improvements

Stronger leadership dedicated to evaluating, maintaining, and improving the parks and active recreation areas within Town is needed. This entity would centralize coordination between DPW, Public Facilities, Town Manager, and the School Department, who are all currently engaged in parks and recreation in some manner. Additionally, leadership for planning, advocacy, and public education is needed.

LOS for active recreation facilities should be determined based on a set number of users or designed number of future users based on the guidelines outlined in the NRPA *Park, Recreation, Open Space, and Greenway Guidelines*. This analysis should include examining the walkable reach of a park illustrated by the Public Parks and Active Recreation Areas Map (See Appendix 2).

Recreation is segmented by activity and assessed based on the availability of the facilities to perform that activity and whether these facilities are sufficient. The matrix below describes the findings of this assessment:

Activity	Availability	Need
Camping	By permission of Conservation Commission	Adequate
Hiking/Walking/Running	Trails within conservation land, land trust properties, BFRT	Greater connectivity
Cultural/Sightseeing	Historical Sites, Historical Society	Public awareness of destinations
Picnicking	Tables at Southwell Park, Heart Pond, and Roberts Fields, Varney Playground	Adequate
Archery/target ranges	1 private sportsmen's club	
Baseball/softball	9 public, 10 School, 5 Private (club)	
Soccer/football	5 public, 7 School	
Multi-use field	3 public, 6 School 1 private,	
Track	2 School	
Golf	1 public course	Adequate
Tennis	2 Public, 16 School, 10 Private (club)	Maintenance
Basketball	2 Public, 7 School, 1 Private (club)	Maintenance
Playgrounds	6 public & 7 school facilities	Portions of Town lack walkable public facility
Skateboarding	1 at McCarthy Middle School, BFRT	Adequate
Bicycling	Limited narrow paved road shoulders, BFRT	Bicycle lanes / improved road shoulders, signage and markings
Mountain Biking	Courses at Russell Mill Forest	Adequate
Horseback riding	Thanksgiving Forest and Cranberry Bog	Adequate
Ice skating (outdoor)	Roberts Fields, Heat Pond, Freeman Lake	Adequate
Ice skating (Indoor)	Chelmsford Forum	Adequate
Skiing (cross-country)	Reservations and BFRT	Adequate
Boating	Heart Pond and Freeman Lake (Non-motorized) and Merrimack River	Adequate
Fishing	Heart Pond, Freeman Lake, Merrimack River, sportsmen's club	Adequate
Swimming (pools)	No public facilities	
Swimming (freshwater)	Heart Pond Beach and Varney Playground Beach	Adequate

Chelmsford needs to create a systematic method for determining and assessing demand for recreation facilities and organized activities. Possible methods include:

- Extrapolating from the Statewide Comprehensive Outdoor Recreation Plan;
- Evaluating the level of use of existing programs, resources, and facilities;
- Obtaining field schedule data collected by the School Department;
- Obtaining BFRT use data from BPAC;
- Occasionally conducting user surveys;

- Establishing communication with other recreation agencies and organizations; and
- Actively collecting comments at public meetings on issues related to recreation.

There is a need for a recreation fields/facilities study, performed either by an appointed committee or consultant, to assess current fields and activities and develop a plan for their future maintenance.

The public survey reveals that the top recreational facilities that participants felt were needed in Town are similar to state-wide needs identified in the SCORP:

Rank	Town of Chelmsford Survey	SCORP Survey
1.	Conservation Areas	Swimming*
2.	Athletic Fields	Walking
3.	Road Biking Trails	Road Biking
4.	Swimming Areas*	Playground Activity**
5.	Recreation Center	Tennis
6.	Town Common Improvements	Golfing
7.	Local Neighborhood Parks	Hiking***
8.	Mountain Biking/Hiking and Skiing Trails***	Mountain Biking
9.	Public Boating Access	Basketball
10.	Playground/Picnic Areas**	Baseball

Comparable items are marked with an * and those directly aligned in rank are in bold

The public Survey also asked participants to rank the importance of different values that contribute to life in Chelmsford.

1. Promoting High Quality Schools
2. Protecting Drinking Water Sources
3. Maintaining Excellent Public Safety
4. Retaining/Restoring Historical Character
5. Preserving Wildlife Habitat

The survey indicates that conservation areas, athletic fields and roadway biking are the top three recreation needs. This pairs well with respondents' desire to protect drinking water sources, promote high quality schools, and maintain public safety. Retaining historical character also aligns with the need for Town common improvements.

The public survey assesses the adequacy of existing facilities for certain types of users and concludes that Chelmsford does not provide sufficient accessible recreation areas or facilities for the disabled. Although the OSRP includes a preliminary accessibility study (*see*

Appendix 3), a more detailed analysis should be conducted within individual site management plans. The Recreation Commission should prioritize creating an accessible fit trail designed for seniors and users of varying athletic abilities.

There are no year-round public indoor swimming facilities in Town and this may indicate why swimming was the fourth highest ranked need.

There is also a desire for additional small parks within local neighborhoods that can also provide playgrounds and picnic areas. This is illustrated by the Public Parks and Active Recreation Areas Map (See Appendix 2) which identifies neighborhoods in Town that lack local active recreation areas or parks within a quarter or half mile distance.

3. Public Access and Accessibility

The community should collect data on if and how the BFRT is serving as an alternative commuting route; if cycling to and from work has increased in Chelmsford and/or if any additional improvements could be made to promote this alternative transportation. Initiatives should be coordinated with the Bicycle and Pedestrian Advisory Committee.

a. Walking and Cycling

A pedestrian and bicycle plan should be completed. This plan should update the sidewalk inventory and plan and culminate in a plan that prioritizes new sidewalk construction proposed in neighborhoods and on other routes that will increase connectivity between users and the Town's open spaces and recreational areas.

The plan should also include a cycling study. The study should culminate in a plan that prioritizes new bike lane construction proposed in neighborhoods and on other routes that will increase connectivity between users and the Town's open spaces and recreational areas. Bike facilities (for example, bike racks, locker rooms, shower facilities, etc.) should also be encouraged at private businesses to promote cultural acceptance and use of this alternative mode of transportation as a community-wide endeavor.

b. Parking Areas

An automobile inventory and study should be completed to collect data on number of users accessing sites by car, vehicle capacity at open space and recreation area parking lots, and should culminate in a plan prioritizing vehicular improvements that will better serve

the unique demands of users at each of the Town's open spaces and recreational areas.

c. Accessibility

Chelmsford meets the administrative requirements of the ADA Self-Evaluation report in that: the Town has a designated ADA Coordinator; there is a grievance procedure for the general public; the Town has an EOE clause; and the ADA Coordinator is an individual with a disability who is participating with the OSRP Committee to complete the inventory.

The OSRP Committee performed an initial ADA inventory and utilized the help of the ADA Coordinator to identify needs within the 30 public sites providing open space and recreation. The goals and objectives recommend utilizing this inventory to improve ADA accessibility within the public open spaces and recreation areas identified as lacking key resources. A specific action item of the plan is to complete a more detailed facility inventory, which in turn will determine if a transition plan is needed.

Chelmsford meets the employment practices requirement of the ADA Self-Evaluation report in that: the ADA Coordinator confirms that the Town's employment practices are consistent with the ADA regulations (*See Appendix 4*).

4. Chapter 61, 61A, and 61B Properties

- Track which properties are classified
- Create formal process of information sharing when a property changes use or is sold that includes notification and solicitation of community input

The voluntary designation of a property for forestry, agriculture, and recreation uses provides temporary protection that may, in some cases, be extended or made permanent if the Town has ample opportunity to coordinate and exercise its rights. The Community Preservation Committee is best positioned to be responsible for this process.

5. Agricultural Land

- Preserve existing agricultural lands
- Revive active agriculture on fallow and dormant farm lands

Local farmers and owners of agricultural land should be informed of different options that they may have for preserving the use of the

property that will also protect the open space values that agriculture provides to the Community. The Town, in addition to reviewing its own inventory of fallow or dormant farm fields, should assist land owners interested in reviving their farms and creating new active agriculture open spaces.

6. Dog Park

- A designated park area for dogs that is safe and accessible

The community currently does not have a dog park and there is a desire to provide space for this type of use within the Town's open space. The Chelmsford Dog Association is advocating for this facility.

C. Management Needs

1. Open Space and Recreation Land Delineation

- Monitor and resolve encroachments and trash dumping

Where there are encroachments and abuse of Town-owned open space by abutters using public property for private benefit, measures should be taken to resolve the issue. Measures may include installing permanent wildlife friendly fencing, mailing abutters educational materials, and appropriate signage where needed to preserve the common lands belonging to the citizens of Chelmsford.

2. Planning and Mapping

- Better planning maps and public guides

Trails within the largest conservation reservations have been GPS located and this data needs to be transferred to GIS maps for master planning and tracking maintenance, as well as creating public trail maps.

3. Stewardship

- Continue the success of the volunteer stewardship program

The Chelmsford Open Space Stewardship (COSS) is currently organized as a volunteer arm of the Chelmsford Conservation Commission and as such answers to and follows all guidelines set forth by the Conservation Commission. The organization's role has grown and they perform stewardship activities within many additional open spaces throughout Chelmsford. The Town needs to encourage the COSS's continued success and ensure the organization receives long-

term support for maintenance. Therefore, a more formal independent status might be considered as a recommendation to ensure the future wellbeing of the volunteer activities taking place within all open space properties.

4. Bruce Freeman Rail Trail

- Ensure the BFRT is properly maintained

The Town is responsible for the maintenance, policing, and general repair of amenities associated with the BFRT. In addition to collaborating with the Friends of the BFRT, the Town has designated BPAC to coordinate maintenance and enhancement of the BFRT. The Town should plan for financing the long-term costs associated with maintaining the BFRT.

5. Grant Opportunities

- Create or Designate a Recreation Commission

Only municipalities with a park, playground, or recreation commission, or any combination thereof, duly established pursuant to M.G.L. c. 45, § 2 are eligible to participate in the Commonwealth's PARC (Urban Self-Help) Program. The Town needs to create the Recreation Commission to be eligible for future state grant opportunities.

6. Data Collection and Management

- Coordinate consistent open space and recreation data management

Significant time and energy was invested in researching available Town records and updating these records based on actual conditions in order to create the open space inventory. The Town needs to coordinate data management between the Town Clerk, Assessor's Office, Planning Board, Conservation Commission, Department of Public Works and all other departments and committees collecting data on land use, ownership, management authority, and protection status. The assessor's database may be the most appropriate source for this data coordination.

Recreation data contained within the school department was requested, but not made available to the OSRP Committee.

Section 8: Goals and Objectives

Goal 1: Understanding Needs

1.1. Evaluate recreation and open space use

- Recreation
 - Assess existing use of recreation areas and facilities
 - Create a systematic and coordinated method for determining and assessing demand for recreation facilities and organized activities
 - Determine recreation facility needs
 - Utilize National Recreation and Park Association (NRPA) methodologies to determine needs based on current and projected population data
- Open Space
 - Assess and prioritize public and private vacant lands for quality open space protection
 - Identify open spaces that need Conservation Restrictions (CR) and which organization should hold these CR's
 - Inventory historic and natural resources within conservation areas
 - Identify open space areas where access should be limited
 - Identify areas that should be left natural
 - Identify and prioritize maintenance needs
 - Identify and prioritize ADA accessibility improvements

1.2. Establish acceptable Levels of Service (LOS)

- Recreation
 - Utilize NRPA methodologies to determine LOS based on needs
- Open Space
 - Create broad Town-wide LOS standards/policies for all open space and specific standards for individual reservations

1.3. Determine adequate location

- Utilize quarter and half-mile analysis to determine appropriate locations for new neighborhood parks

Goal 2: Managing Existing Resources

2.1. Create management plans for open space and recreation areas

- Utilize Community Preservation Act funds
- Include all reservations, parks, fields and active Town-owned recreation areas
- Identify which open space parcels currently do not have permanent protection and should identify which organization should hold restrictions
- Establish guidelines for designating management of vacant/undesignated Town-owned land
 - Formerly assign all Town-owned land to the most appropriate responsible management entity

- Any undesignated Town-owned vacant land that abuts Conservation Commission land should be under Conservation Commission management
- Action items within management plans should be assigned to a responsible party
- Steps to monitor and resolve encroachments and trash dumping should be specified in each plan
- Provide maintenance in accordance with LOS demands
 - Responsible parties shall maintain minimum LOS standards
 - Schools shall create management plans for their outdoor recreation areas and open spaces
 - Direct Chelmsford Open Space Stewardship to follow LOS standards in management plans
 - Preserve and maintain all dams on Town-owned land that create and facilitate recreation and Open Space lands

2.2. Evaluate performance and adjust management plans

- Utilize data from regularly conducted public outreach to critique and inform management plan and LOS adjustments
- Perform management plan evaluations on a tri-annual basis

2.3. Management organization

- Continue the success of the Chelmsford Open Space Stewardship (COSS) and other open space volunteer programs
 - Encourage COSS to pursue organizational continuity to achieve long-term stewardship goals
 - Assist COSS in sustaining volunteer recruitment
 - Provide financial support and encourage/support grant writing
- Develop maintenance funding policy
 - Prioritize formalized private maintenance and funding from “friends of” support groups via memorandum of understanding
 - Encourage and support civic and volunteer community organizations performing maintenance within open space lands and recreation areas
- Evaluate the consolidation of the water districts into one entity in order to better address water conservation and administration Town-wide
 - Conduct a feasibility study to see if water district consolidation would improve water conservation, decrease duplication of services and thereby create additional resources for protecting aquifer protection lands
- Coordinate consistent open space and recreation data management
 - Centralize land use data management within the existing Assessor’s database
 - Ensure that the database is updated regularly, accessible to other departments and to the public

2.4. Recreation management

- Recommend the Town designate or create a Parks and Recreation Commission whose duties, among others, would be:
 - Responsible for active recreation area management plans
 - Ensure minimum recreation maintenance LOS standards are met
 - Streamline recreation management that is coordinated with school department
 - Coordinate steward work, volunteer group work, garden club work, and public facilities/DPW work within parks and active recreation areas
 - Advocate for recreation and provide public education
- Ensure that the designated responsible parties for maintaining the BFRT have appropriate, resources, communication, and coordination
 - Work with BPAC and Friends of BFRT
- Develop criteria to assess management of leased recreation facilities
 - Chelmsford Little League ball fields
 - Chelmsford Soccer League
 - Chelmsford Country Club
 - Chelmsford Forum

2.5. Prioritize accessibility improvements

- Improve access to existing open spaces and recreation lands
 - Complete an ADA inventory for each open space and recreation facility in Town
 - Ensure adequate designated accessible parking areas are provided at appropriate reservations and recreation areas
 - Initiate projects to upgrade sidewalks and surfaces leading to open spaces and recreation areas ADA compliant
- Increase bicycle and pedestrian access to open spaces and recreation areas
 - Provide pedestrian and bicycling signage indicating directions from one open space area to a linked and/or relatively close open space area
 - Install and maintain bicycle racks as advised by BPAC, benches, and other non-motorized vehicle amenities

2.6. Protect designated wildlife and water resource areas

- Enhance wildlife corridors between existing patches of wildlife habitat.
- Manage large natural vegetation areas for ecological values
- Post signage for protection/education

Goal 3: Promoting Public Outreach

3.1. Encourage utilization

- Provide public maps

3.2. Foster public appreciation

- Enhance environmental education and awareness
 - Publicize threats to wetlands and water quality
 - Promote access to information about improving water quality
 - Improve citizen knowledge of existing conservation areas
- Publicize opportunities for citizens and businesses to be involved in open space and recreation area maintenance
 - COSS membership
 - Wildlife protection and data collection
 - Invasive species monitoring and removal
- Facilitate the creation of volunteer stream teams to monitor surface waters
- Recommend the Town designate or create a Parks and Recreation Commission
 - Publish information about field scheduling
 - Publish “reserve” vs. “first come first serve” fields
 - Better publicize and educate citizens about opportunities for organized team and club sports

Goal 4: Creating New Opportunities

4.1. Acquisition and/or expansion

- Proactively purchase land for Open Space preservation with Community Preservation Funds and Town funds as long as financially feasible.
- The CPA Committee and Conservation Commission should develop a strategy to protect the largest open space parcels, whether by conservation restriction or acquisition. Criteria for evaluating potential parcels include:
 - Parcels located adjacent to existing protected lands;
 - Parcels that either connect wildlife corridors or will be part of a future connection;
 - Parcels located adjacent to water district parcels;
 - Parcels along the BFRT, many of the town’s streams, and the power lines;
 - Parcels significant to the historical or agricultural character of the town; and
 - Parcels containing riparian or aquatic areas (streams, rivers, wetlands, vernal pools)
- Facilitate the acquisition and creation of recreational spaces and facilities as needed
- Create neighborhood parks/pocket parks based on quarter and half mile distance analysis

4.2. Provide connections

- Prioritize the protection of private vacant land that creates linkages to existing open spaces

- Acquire land or interest in land (easements) and/or permanent CRs on linking corridors
- Connect the open spaces via walking and/or biking paths
- Connect Robin Hill Reservation to Wright Reservation and Greater Wright Reservation
- Explore the potential for a rail trail along the Stony Brook Railroad if the railroad discontinues use

4.3. Create a broad range of opportunities

- The Town should conduct a detailed site analysis of Oak Hill culminating in a master plan emphasizing protection of open space and creation of recreational opportunities. Oak Hill should be retained as at least 50% open space and the remaining portion may be developed for recreation, up to 50% of the total acreage.
- Wildlife & Nature Preserve
 - Increase restricted Open Space and Conservation Land for wildlife sanctuaries.
 - Encourage Conservation Commission to designate areas solely for wildlife preservation (sanctuary)
- Water Resources
 - Create stream teams to monitor surface water quantity and quality within public drinking water supply watersheds
 - Improve surface water quality within public drinking water supply watersheds
 - Identify parcels that provide flood management and water storage which require protection
 - Identify parcels in riparian corridors which require protection
 - Create watershed associations or stream teams to conduct water quality research and education projects
 - Prohibit incompatible uses within aquifer protection areas
- Wildlife Habitat
 - Encourage and provide training for volunteer groups to conduct regular wildlife inventories
 - Inventory and monitor rare, threatened and endangered species
 - Improve wildlife data storage and dissemination
- Agriculture
 - Pursue active agriculture at Sunny Meadow Farm
 - Analyze additional Town-owned land for potential agriculture use
 - Encourage reviving farming on fallow and dormant fields
- Plant Communities / Local Flora
 - Encourage and provide training for volunteer groups to conduct regular vegetation inventories
 - Inventory and monitor rare, threatened and endangered species
 - Identify and monitor invasive plant species populations
 - Improve invasive species education

- Encourage removal of invasive species where appropriate, and require removal where appropriate on property undergoing development
- Create a dog park(s)
 - Encourage the Town Manager to designate a two-acre parcel of vacant uplands for a dog park
 - Ensure dog park(s) are accessible
 - Work with the Animal Control Officer and the Chelmsford Dog Association to ensure the park meets reasonable safety standards and that appropriate rules are established.
- Swain Road Landfill
 - Explore reuse process
 - Recommend for open space or recreational use
- Provide a public composting facility within Town
 - Potentially integrated with agricultural activity at Sunny Meadow Farm and/or at DPW site on Richardson Road after the DPW moves facilities to new location
 - Coordinate with Recycling and Solid Waste Department
- Acquire, either through Town purchase or donation, or place Conservation Restrictions or Agricultural Restrictions on all Chapter 61, 61A and 61B properties
 - Prioritize the acquisition value of all Chapter 61, 61A and 61B parcels
 - Track which properties are classified
 - Create process for information sharing when a property changes use or is sold
 - Create appropriate zoning regulations for agricultural land
- Establish undesignated multipurpose recreation areas
 - Non-specialized spaces for multiple recreation activities, such as: bocce, horseshoes, volleyball, badminton, cricket, croquet, etc.
- Provide “pocket parks” within neighborhoods lacking access to existing recreation areas

4.4. Create new accessible amenities

- Install bicycle racks as advised by BPAC and benches
- Develop an ADA approved accessible trail
- Install ADA approved accessible recreation equipment
- Develop a senior appropriate/accessible fit trail

Section 9: Seven-Year Action Plan

Action plan items are grouped based on the goals outlined in Section 8 above. Appendix 3 includes tables with action items organized by responsible parties and timeframe. Note that the action plan extends to 2021, beyond the requisite 7-year timeframe, recognizing that many action items will require additional planning and to help guide future project prioritization within the next OSRP.

It is recommended that The Master Plan Implementation Committee be charged with ensuring that the responsible parties assigned to an action item complete that action item within the recommended timeframe. Where there are two or organizations, the organization listed in bold within the Action Plan is the primary responsible party.

Organizational Acronyms:

ADA	ADA Coordinator	DPW	Department of Public Works
ASD	Assessor's Department	FBRRT	Friends of the Bruce Freeman Rail Trail
BOS	Board of Selectmen	HC	Historical Commission
BPAC	Bicycle and Pedestrian Advisory Committee	PB	Planning Board
CLCT	Chelmsford Land Conservation Trust	PBC	Permanent Building Committee
CON	Conservation Commission	RC	Recreation Commission*
COSS	Chelmsford Open Space Stewardship	RCD	Recycling Department
CPC	Community Preservation Committee	TM	Town Manager
CPS	Chelmsford Public Schools	WD	Water Districts

*Note that a Recreation Commission or other board or committee performing the duties of a Recreation Commission does not currently exist and the creation of this group is an immediate priority action item.

Timeframe for Completion:

- 0. Ongoing Continuous Activity
- 1. Immediate Less than 1 year (2011)
- 2. Short 1 - 3 years (2011-2013)
- 3. Intermediate 4 -6 years (2014-2016)
- 4. Long 7 - 10 years (2017-2021)

Goal	Action Item	Responsible Party	Priority	Potential Funding
1.1	Evaluate recreation and open space use			
1.1 A	Create a systematic method for determining	RC	2	Town

Goal	Action Item	Responsible Party	Priority	Potential Funding
	and assessing demand for recreation facilities and organized activities			Meeting
1.1 B	Utilize National Recreation and Park Association (NRPA) methodologies to determine needs based on current and projected population data	RC	2	Recreation Grants
1.1 C	Identify and prioritize active recreation maintenance needs (fields, equipment, etc.)	RC	2	Recreation Grants
1.1 D	Assess and prioritize public and private vacant lands for open space protection	CON	2	CPC
1.1 E	Identify open spaces that need Conservation Restrictions (CR) and which organization should hold these CR's.	CON	2	Town Staff
1.1 F	Inventory historic and natural resources within conservation areas	HC, CON	3	Historic Grants
1.1 G	Identify open space areas where access should be limited	CON, COSS, CLCT	3	State Grant
1.1 H	Identify open spaces that should be prioritized as natural habitat for wildlife	CON, CLCT	3	CPC
1.1 I	Identify and prioritize open space maintenance needs (trails, structures, etc.)	COSS, FBFRT, BPAC	1	State Grant
1.1 J	Identify and prioritize accessibility improvements	ADA	2	ADA Grant
1.2	Establish acceptable Levels of Service (LOS)			
1.2 A	Utilize NRPA methodologies to determine recreation LOS based on needs	RC	2	Recreation Grants
1.2 B	Create broad Town-wide LOS standards/policies for all open space and specific standards for individual reservations	CON	2	Recreation Grants
1.3	Determine adequate location			
1.3 A	Determine appropriate locations for new neighborhood parks in underserved areas	RC	2	CPC, PARC & LAND
2.1	Create management plans			
2.1 A	Create and/or updated a management plan for each open space reservation including forestry management	CON, COSS, CPC	2	CPC, Town Staff
2.1 B	Create management plans for each recreation area, park, or playground	RC, CPC	2	Recreation Grants
2.1 C	Establish guidelines for designating management of vacant/undesignated Town-owned land	TM, BOS	1	Town Meeting
2.1 D	Schools shall create management plans for their outdoor recreation areas and open spaces	CPS	2	Education, Recreation Grants
2.1 E	Preserve and maintain all dams on Town-owned land that create and facilitate	DPW	4	State ODS Grant

Goal	Action Item	Responsible Party	Priority	Potential Funding
	recreation and Open Space lands			
2.2	Evaluate performance and adjust management plans			
2.2 A	Perform open space and recreation management plan evaluations on a tri-annual basis	CON, RC	3	Town Staff, Volunteers
2.2 B	Conduct public outreach tri-annually to improve management plans and adjust LOS	CON, RC	3	Town Staff, Volunteers
2.3	Management organization			
2.3 A	Develop maintenance funding policy prioritizing private maintenance funding from "friends of" support groups via memorandum of understanding	TM, CON	2	Town Meeting
2.3 B	Conduct a feasibility study evaluating the consolidation of the water districts into one entity to improve water conservation, decrease duplication of services and thereby create additional resources for protecting aquifer protection lands	TM	4	Private, State or Federal Grant
2.3 C	Update Assessor's database with open space research	ASD	1	State Grant
2.4	Recreation management			
2.4 A	Designate or create a Parks and Recreation Commission	TM	1	Town Meeting
2.4 B	Ensure the BFRT has adequate resources and coordinated support	TM, DPW, BPAC, FBFRT	4	Town Meeting
2.4 C	Develop criteria to assess management of leased recreation facilities	RC, PBC	3	Town Staff
2.5	Prioritize accessibility improvements			
2.5 A	Ensure adequate designated accessible parking areas are provided at appropriate reservations and recreation areas	ADA, CON, RC	2	CPC, State Grants
2.5 B	Initiate projects to upgrade sidewalks and surfaces leading to designated open spaces and recreation areas that are ADA compliant	ADA, CON, RC	3	DPW Grant
2.5 C	Provide pedestrian and bicycling signage indicating directions from one open space area to a linked and/or relatively close open space area	BPAC	3	Private, State or Federal Grants
2.5 D	Install and maintain bicycle racks as advised by BPAC, benches, and other non-motorized vehicle amenities	BPAC, RC	2	Private Grants
2.6	Protect designated wildlife and water resource areas			
2.6 A	Enhance wildlife corridors and manage large natural vegetation areas for ecological values	CON, COSS, CLCT	3	SuAsCo Grants
2.6 B	Post signage for protection/education and	CON, COSS	3	Town

Goal	Action Item	Responsible Party	Priority	Potential Funding
	design according to activity level			Meeting
3.1	Promote Public Outreach			
3.1 A	Provide public maps and brochures on open space and recreation opportunities	CON, RC, BPAC, FBFRT	0	Town Staff
3.2	Foster public appreciation			
3.2 A	Publicize threats to wetlands and information about improving water quality	CON, WD	2	SuAsCo & State Grants
3.2 B	Publicize opportunities for citizens and businesses to be involved in open space and recreation area maintenance	CON, RC, FBFRT	4	Private Grant
3.2 C	Better publicize information about field scheduling	CPS, RC	1	Education, Recreation Grant
3.2 D	Better publicize and educate citizens about opportunities for organized team and club sports	RC	2	Education, Recreation Grant
3.2 E	Train and support volunteer stream teams and wildlife and invasive species monitoring crews	CON	3	SuAsCo Grant
3.2 F	Provide information pamphlets, signage, or public service announcements to facilitate optimal attention, information processing, and receptivity of the public	CON, RC	3	Private Grant, Town Meeting
4.1	Acquisition and/or expansion			
4.1 A	Purchase land for Open Space preservation with Community Preservation Funds and Town funds as long as financially feasible	CPC	0	CPC
4.1 B	Develop criteria for evaluating and prioritizing potential parcels for open space conservation restrictions or acquisition	CPC, CON	1	CPC
4.1 C	Develop criteria for the acquisition of recreational space as needed	CPC, RC	2	CPC
4.2	Provide Connections			
4.2 A	Acquire land and/or place permanent CRs on private vacant land that creates linkages to existing open spaces	CPC, CON, CLCT	0	CPC, PARC or LAND
4.2 B	Connect Robin Hill Reservation to Wright Reservation and Greater Wright Reservation	CON, COSS	4	State Grant
4.3	Create a broad range of opportunities			
4.3 A	Conduct a detailed site analysis of Oak Hill culminating in a master plan emphasizing protection of open space and creation of recreational opportunities	BOS	1	CPC
4.3 B	Evaluate and designate areas solely for wildlife preservation (sanctuary)	CON, CLCT	3	CPC
4.3 C	Monitor surface water quantity and quality within public drinking water supply	WD	2	Private, State or

Goal	Action Item	Responsible Party	Priority	Potential Funding
	watersheds			Federal Grant
4.3 D	Create a plan to improve surface water quality within public drinking water supply watersheds	WD	1	Private, State or Federal Grant
4.3 E	Identify parcels that provide flood management and water storage which require protection	CON	4	Federal or State Grant
4.3 F	Create watershed associations or stream teams to conduct water quality research and education projects	CON, WD, COSS	4	SuAsCo Grant
4.3 G	Conduct regular wildlife, rare, threatened or endangered species, and vegetation inventories	CON, CLCT	2	CPC
4.3 H	Create a formal system for wildlife data storage and information dissemination	CON, CLCT	3	Town Meeting
4.3 I	Create a plan to identify, monitor and remove invasive plant species	CON, CLCT, FBFRT	2	SuAsCo Grant
4.3 J	Designate a two-acre parcel of vacant upland for a dog park	TM	2	Private Grant
4.3 K	Evaluate the Swain Road Landfill for reuse as open space or active recreation	CON, RC, DPW	3	Recreation Grant
4.3 L	Create a public composting facility	TM, RCD, DPW,	3	State Grant
4.3 M	Create plan to evaluate and prioritize acquisition or protection of all Chapter 61, 61A and 61B properties	CPC	1	CPC
4.3 N	Create process for information sharing to track which Chapter 61, 61A, and 61B properties are classified, when a property changes use or is sold	CPC, ASD	1	CPC
4.3 O	Create appropriate zoning regulations for agricultural land	PB	2	Planning Grant
4.3 P	Establish non-specialized recreation areas for multiple recreation activities	RC	2	Recreation Grant
4.3 Q	Provide "pocket parks" within neighborhoods lacking access to existing recreation areas	TM, RC	4	PARC or LAND
4.4	Create new accessible amenities			
4.4 A	Develop an accessible trail for passive recreation	CON, COSS	2	PARC or LAND
4.4 B	Develop a senior appropriate/accessible fit trail	RC, ADA	3	PARC or LAND

Section 10: Public Comments

Public meetings were conducted between January and October of 2010. Public input on open space and recreation, as well as natural resources, was also collected from the Master Plan public hearings. Additional public comments were integrated from surveys, letters from contacted stakeholders, and Town employees and officials. Copies of all letters and public comments received are included in Appendix 4.

Copies of the draft OSRP were distributed to the following for review and comment:

- ADA Coordinator;
- Affordable Housing Committee;
- Board of Assessors;
- Board of Health;
- Board of Selectmen;
- Bicycle and Pedestrian Advisory Committee;
- Cemetery Commission;
- Chelmsford Friends of the BFRT;
- Chelmsford Land Conservation Trust, Inc.;
- Chelmsford Open Space Stewardship;
- Chelmsford School Committee;
- Chelmsford Water District;
- Community Preservation Committee;
- Conservation Commission;
- Director Department of Public Works;
- Director of Community Development;
- East Chelmsford Water District;
- Historical Commission;
- Master Plan Committee;
- NMCOG
- North Chelmsford Water District;
- Permanent Building Committee;
- Planning Board;
- Town Manager; and
- Zoning Board of Appeals.

Section 11: References

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Additional online sources:

- Open Space and Recreation Plan Requirements, www.state.ma.us/envir
- The Open Space Planner’s Workbook, www.state.ma.us/envir
- Massachusetts Statewide Comprehensive Outdoor Recreation Plan (SCORP), www.state.ma.us/envir
- Executive Office of Environmental Affairs (including Community Preservation Act and Watershed Initiative), www.state.ma.us/envir
- Department of Environmental Management www.state.ma.us/dem

- Department of Fisheries, Wildlife and Environmental Law Enforcement, www.state.ma.us/dfwele
- Department of Environmental Protection, www.state.ma.us/dep
- Department of Food and Agriculture, www.state.ma.us/dfa

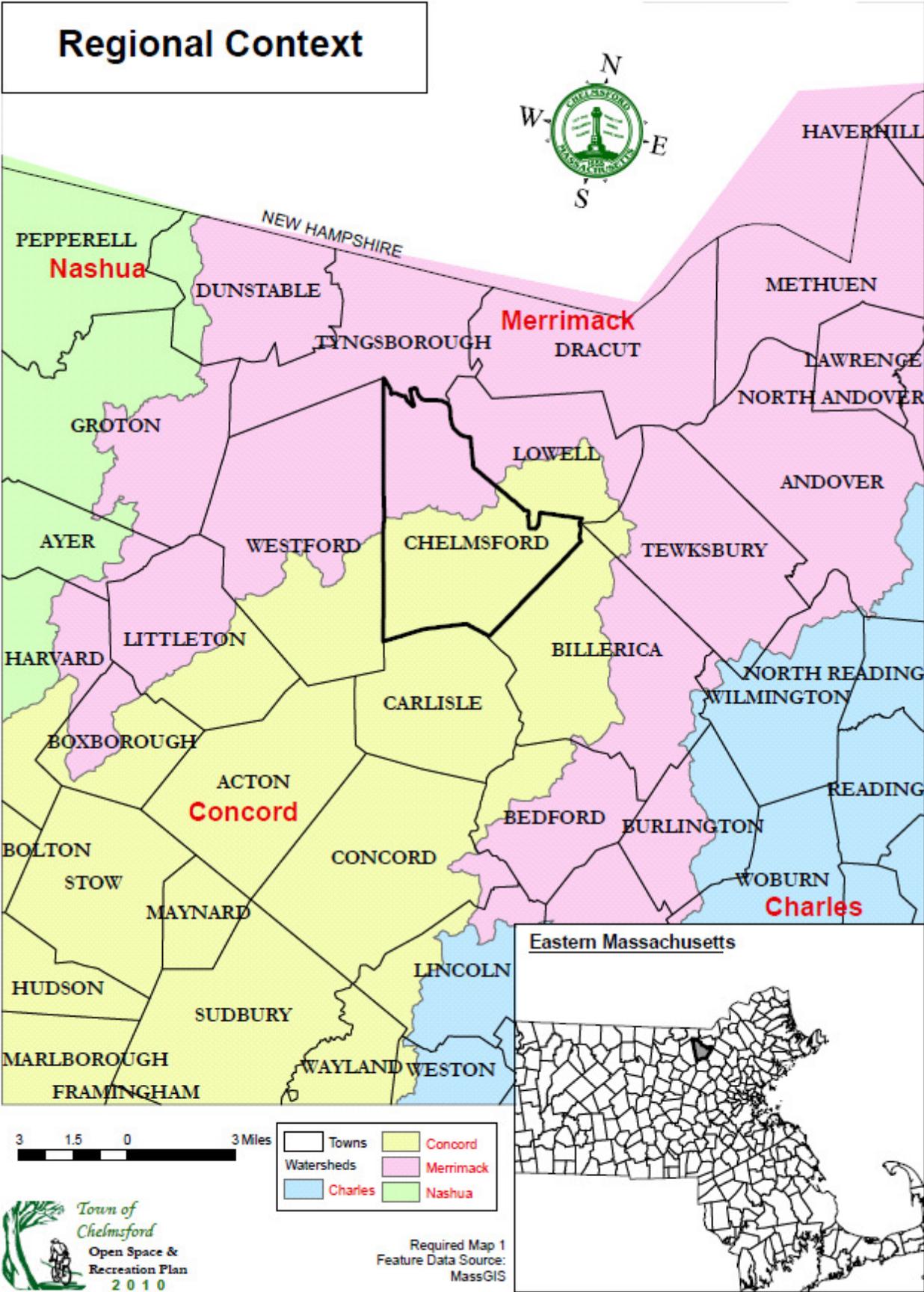


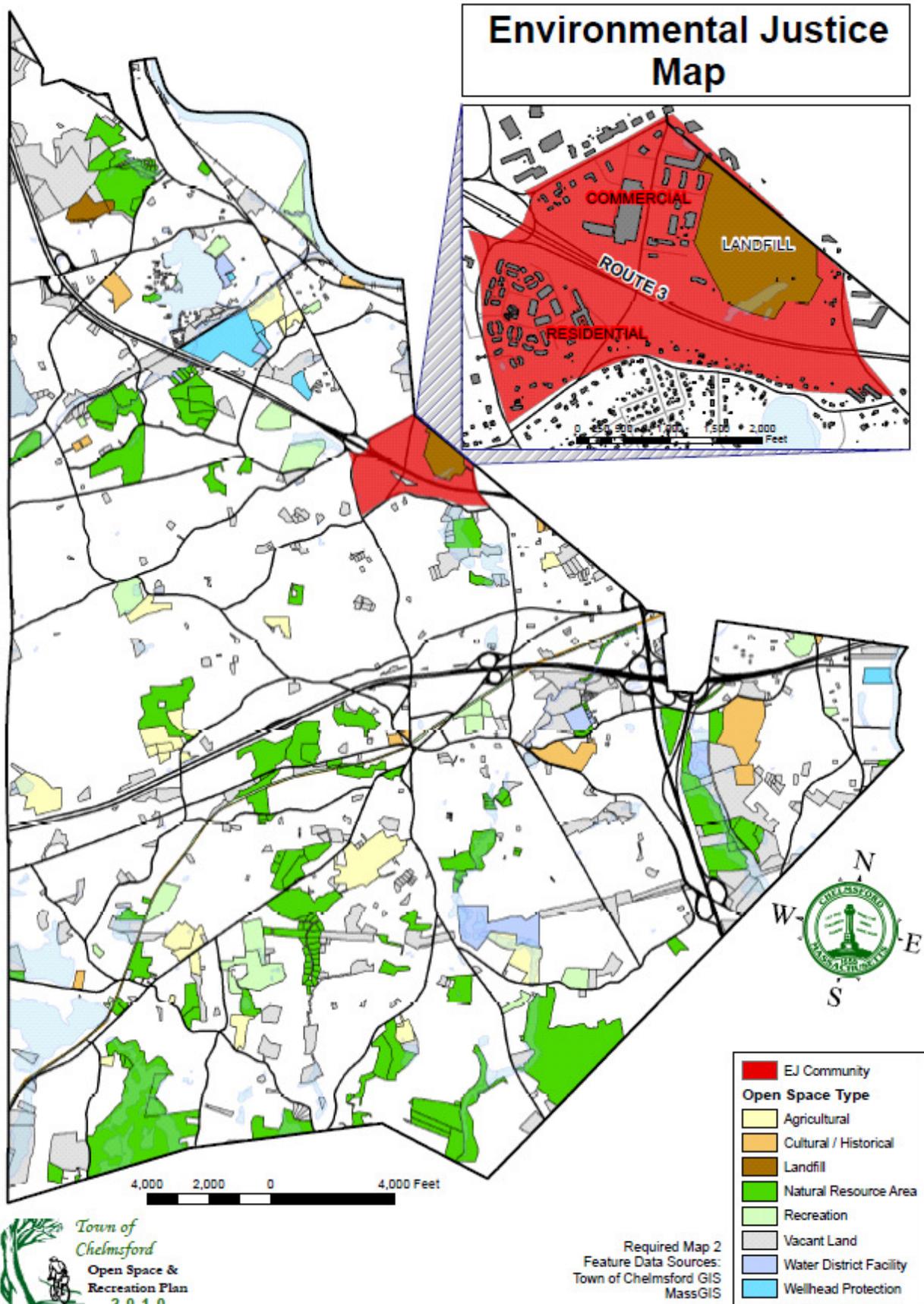
Image from the 1972 Crooked Spring Master Plan

Appendix 1: Required Maps

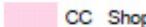
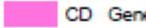
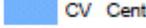
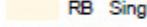
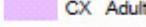
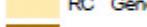
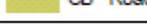
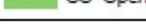
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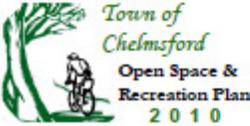
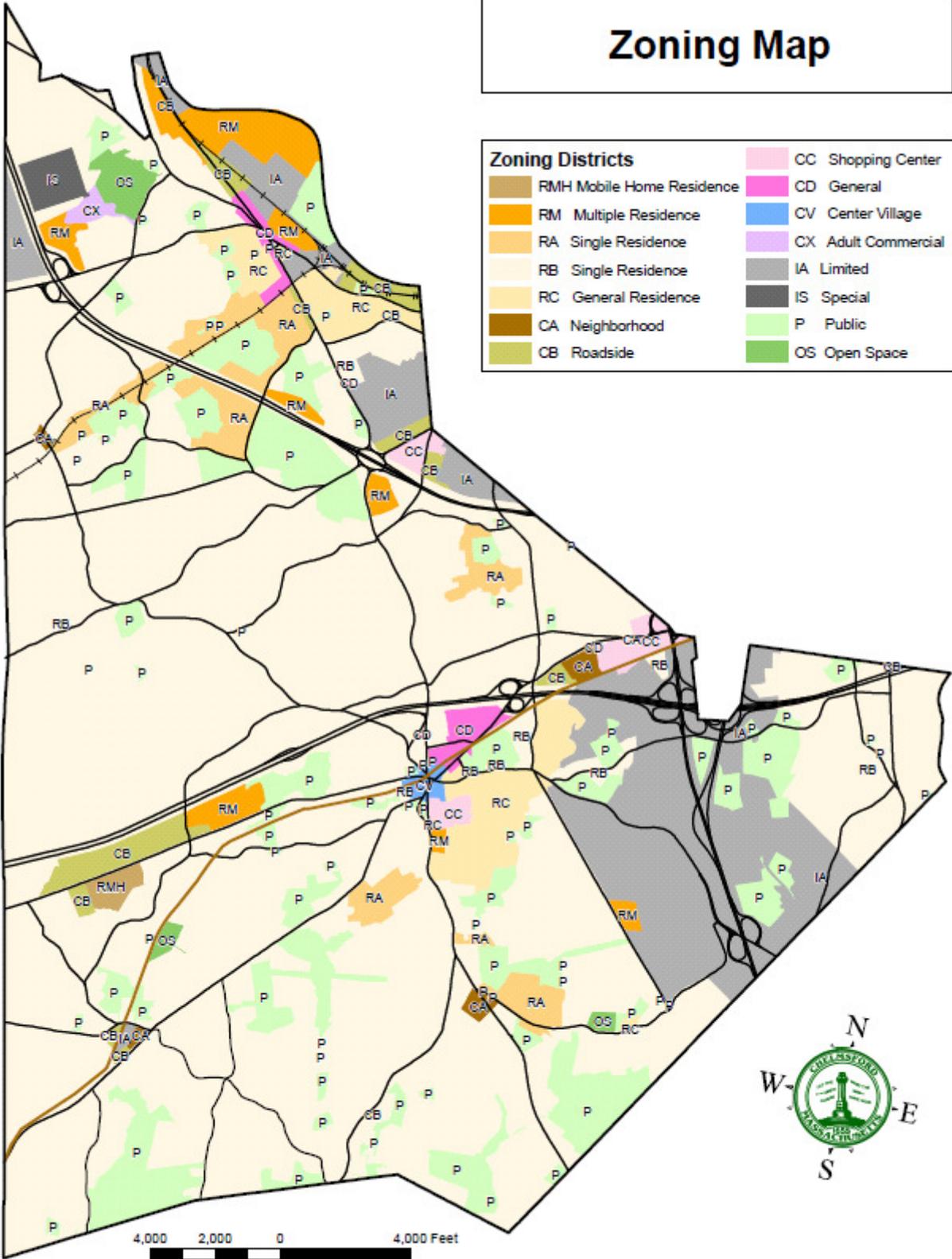
- Required Map 1: Regional Context
- Required Map 2: Environmental Justice
- Required Map 3: Zoning
- Required Map 4-A: Geologic Features
- Required Map 4-B: Soils
- Required Map 5: Unique Features
- Required Map 6-A: Surface Water Resources
- Required Map 6-B: Public Water Supply
- Required Map 6-C: Flood Hazard
- Required Map 7-A: Open Space inventory by Type
- Required Map 7-B: Open Space inventory by Management
- Required Map 7-C: Open Space inventory by Production
- Required Map 7-D: Open Space inventory by Primary Use
- Required Map 7-E: Open Space inventory by NRPA Classification
- Required Map 8-A: Action Plan by Type
- Required Map 8-B: Action Plan by Management
- Required Map 8-C: Action Plan Connections and Access
- Required Map 8-D: Action Plan Selected Projects





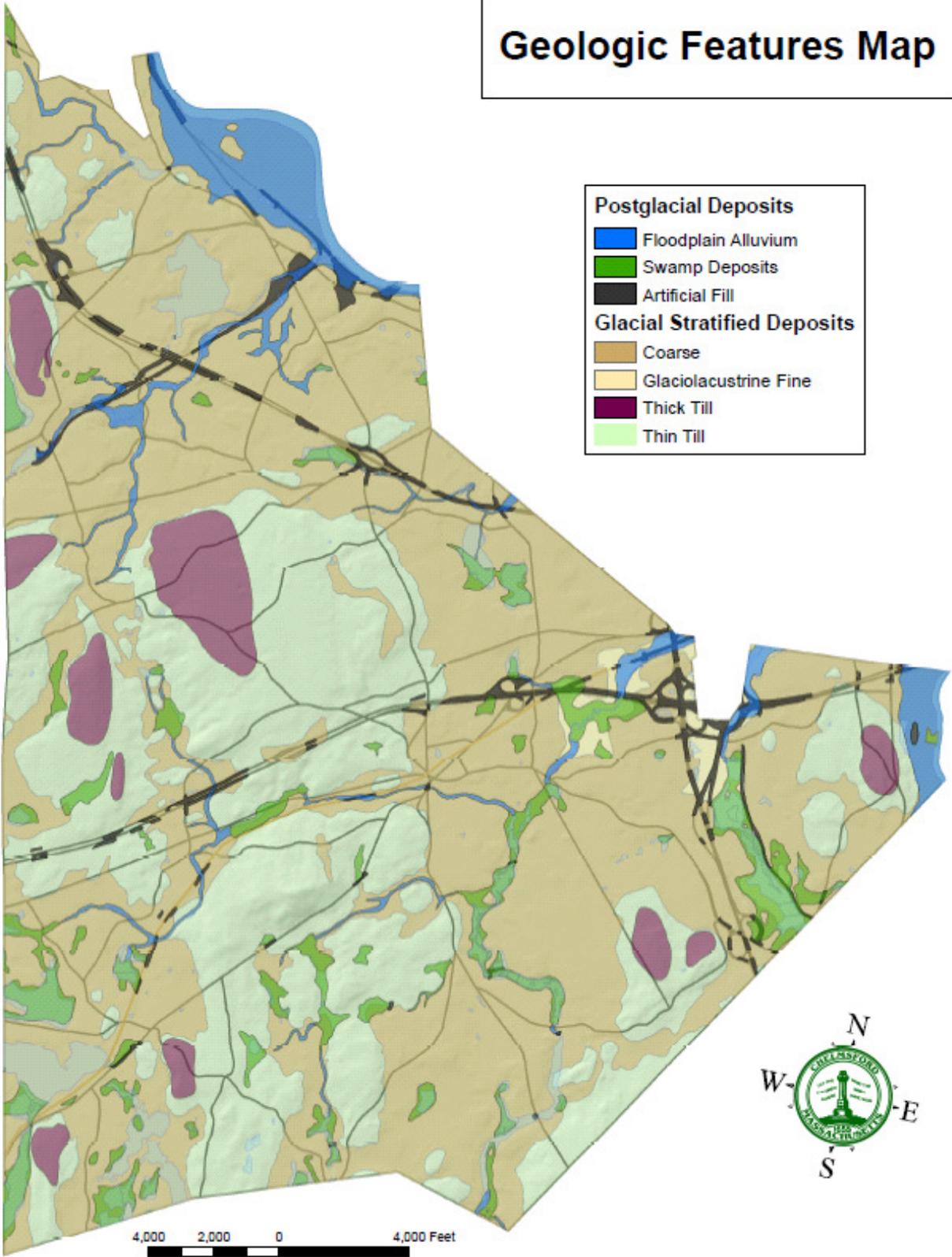
Zoning Map

Zoning Districts	
 RMH Mobile Home Residence	 CC Shopping Center
 RM Multiple Residence	 CD General
 RA Single Residence	 CV Center Village
 RB Single Residence	 CX Adult Commercial
 RC General Residence	 IA Limited
 CA Neighborhood	 IS Special
 CB Roadside	 P Public
	 OS Open Space



Required Map 3
 Feature Data Sources:
 Town of Chelmsford GIS

Geologic Features Map

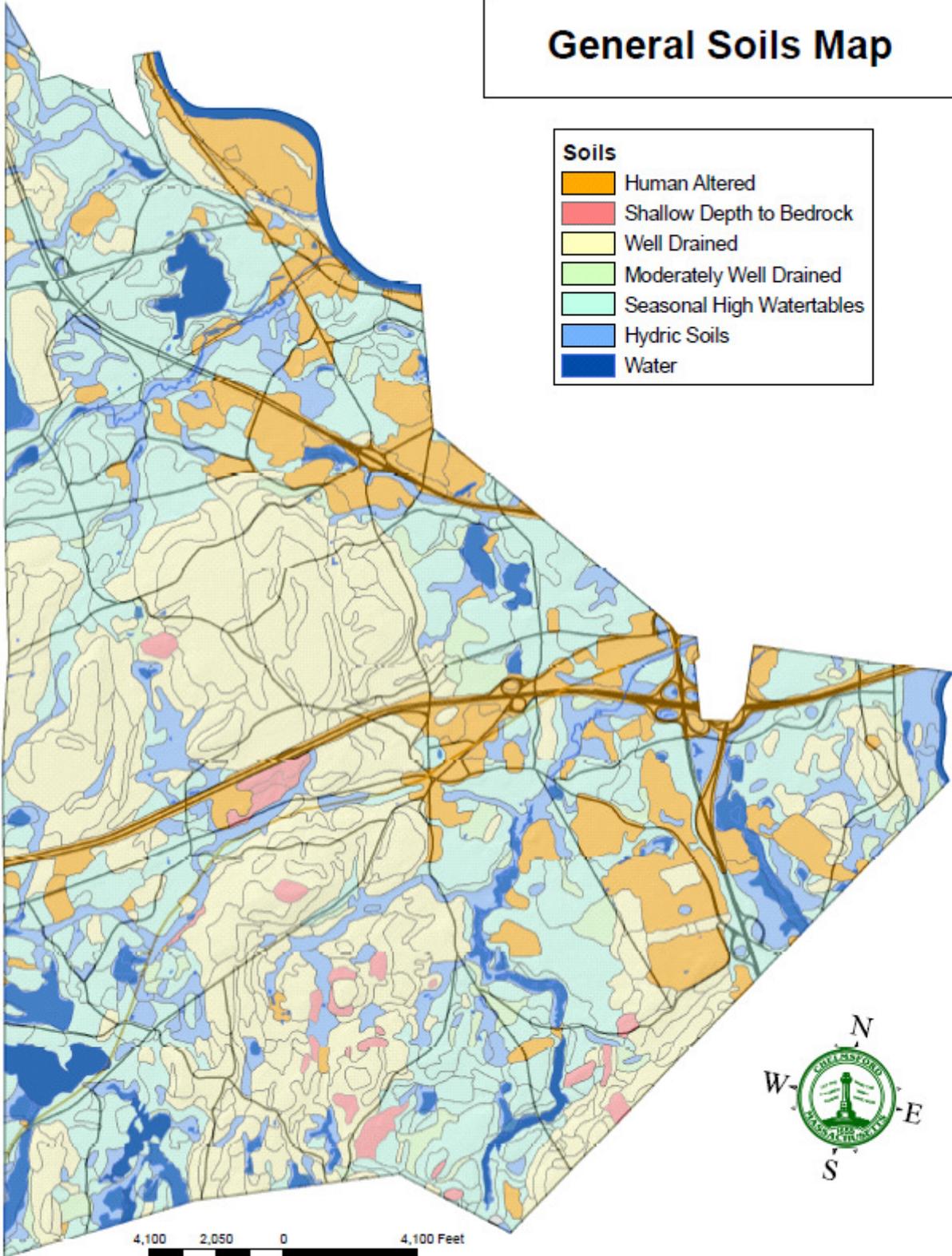


Required Map 4 - A
Feature Data Sources:
MassGIS
Town of Chelmsford GIS

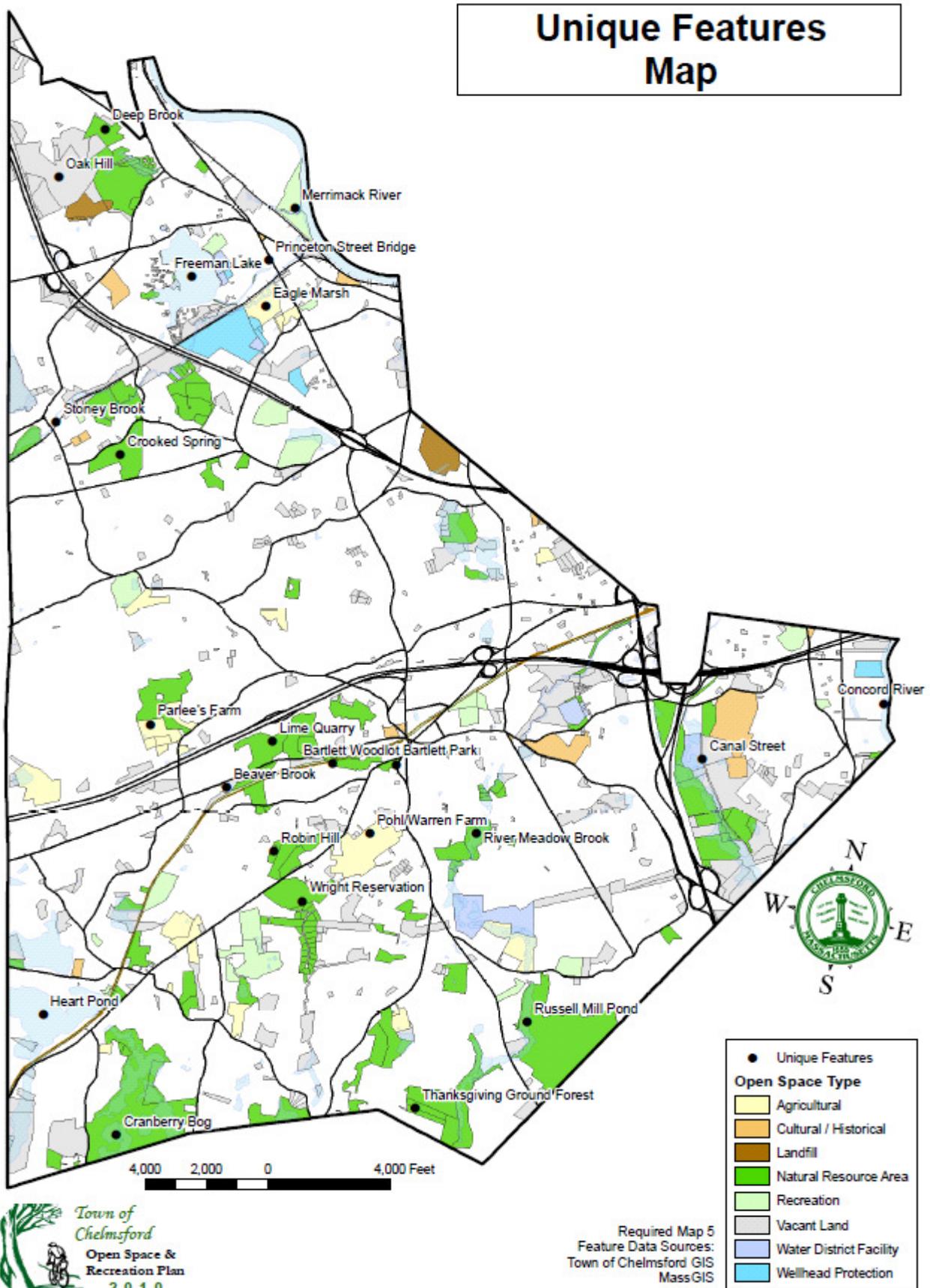
General Soils Map

Soils

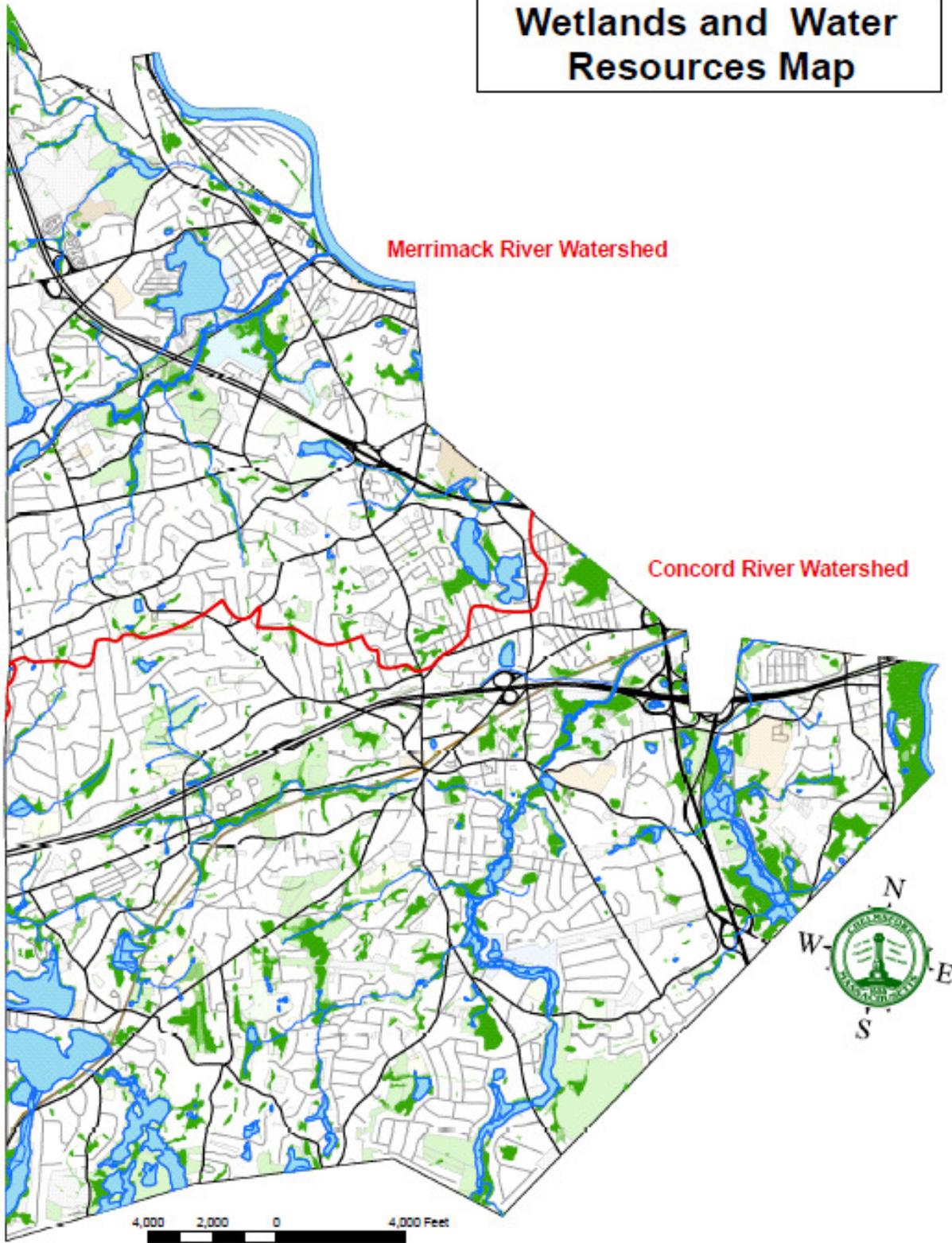
- Human Altered
- Shallow Depth to Bedrock
- Well Drained
- Moderately Well Drained
- Seasonal High Watertables
- Hydric Soils
- Water



Required Map 4 - B
Feature Data Sources:
MassGIS
Town of Chelmsford GIS



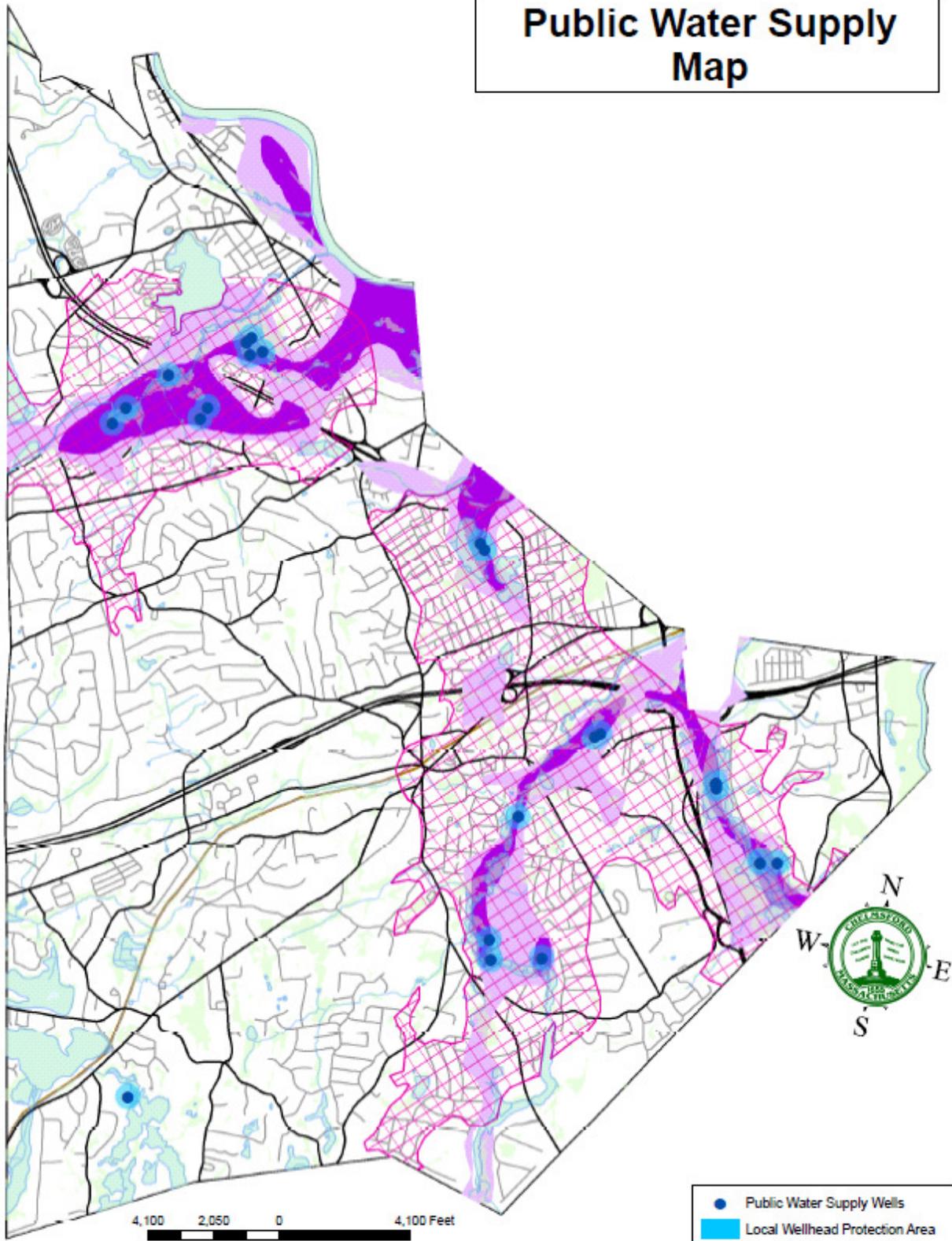
Wetlands and Water Resources Map



Required Map 6 - A
Feature Data Sources:
Town of Chelmsford GIS
MassGIS

	Rivers & Streams
	Wetlands
	Water

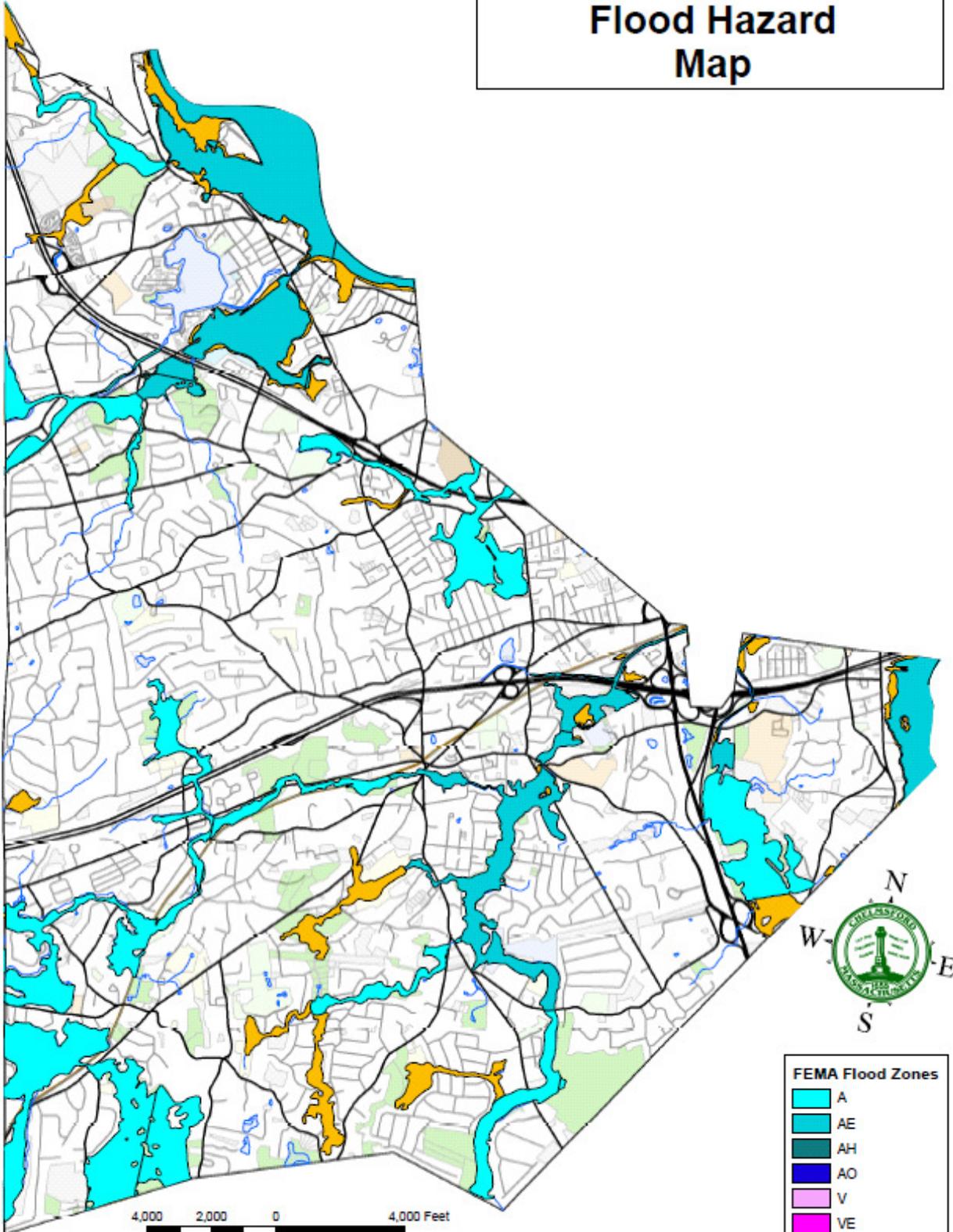
Public Water Supply Map



Required Map 6 - B
Feature Data Sources:
Town of Chelmsford GIS
MassGIS

	Public Water Supply Wells
	Local Wellhead Protection Area
	Zone II Wellhead Protection Area
Aquifers	
	High Yield
	Medium Yield

Flood Hazard Map

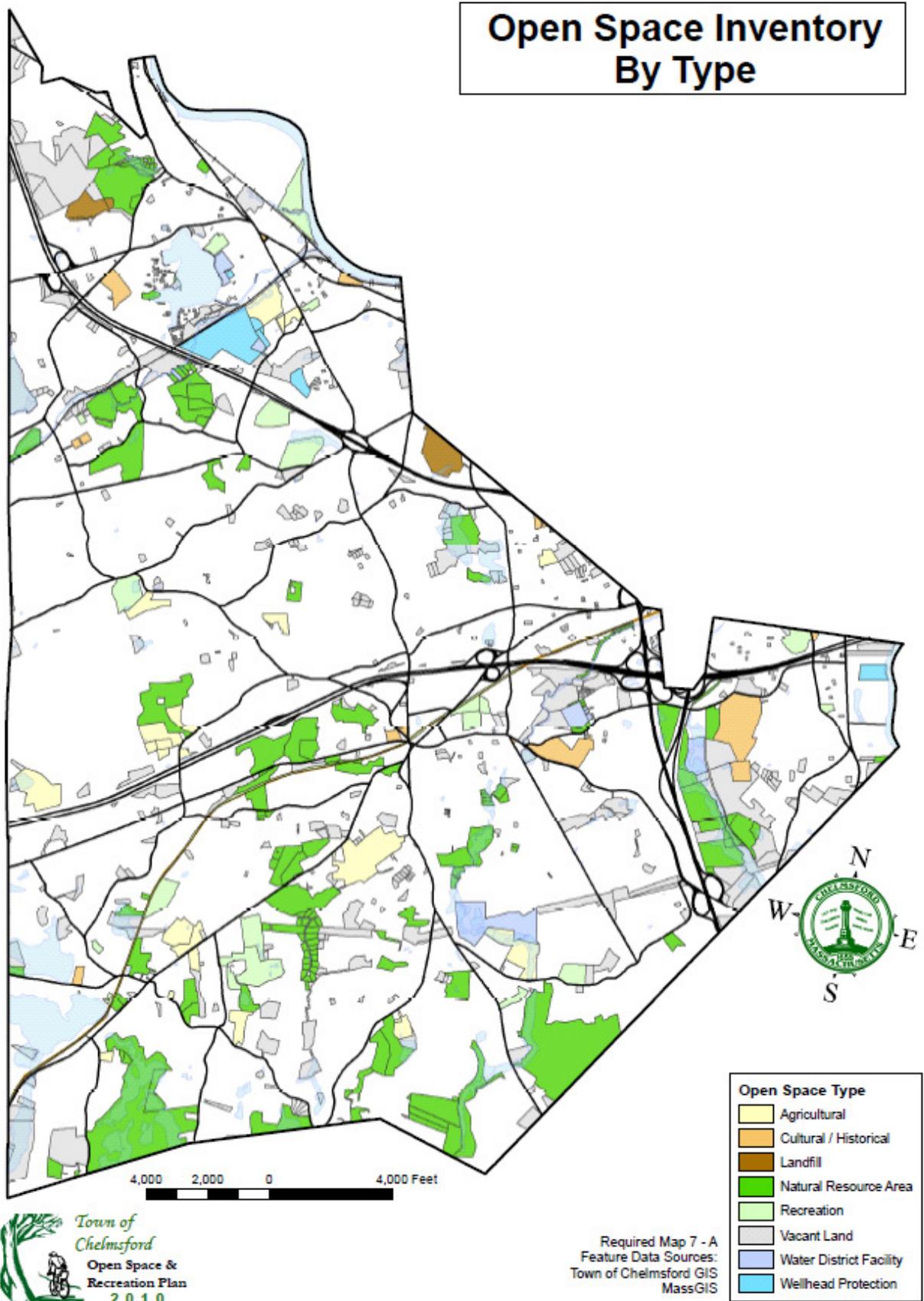


FEMA Flood Zones

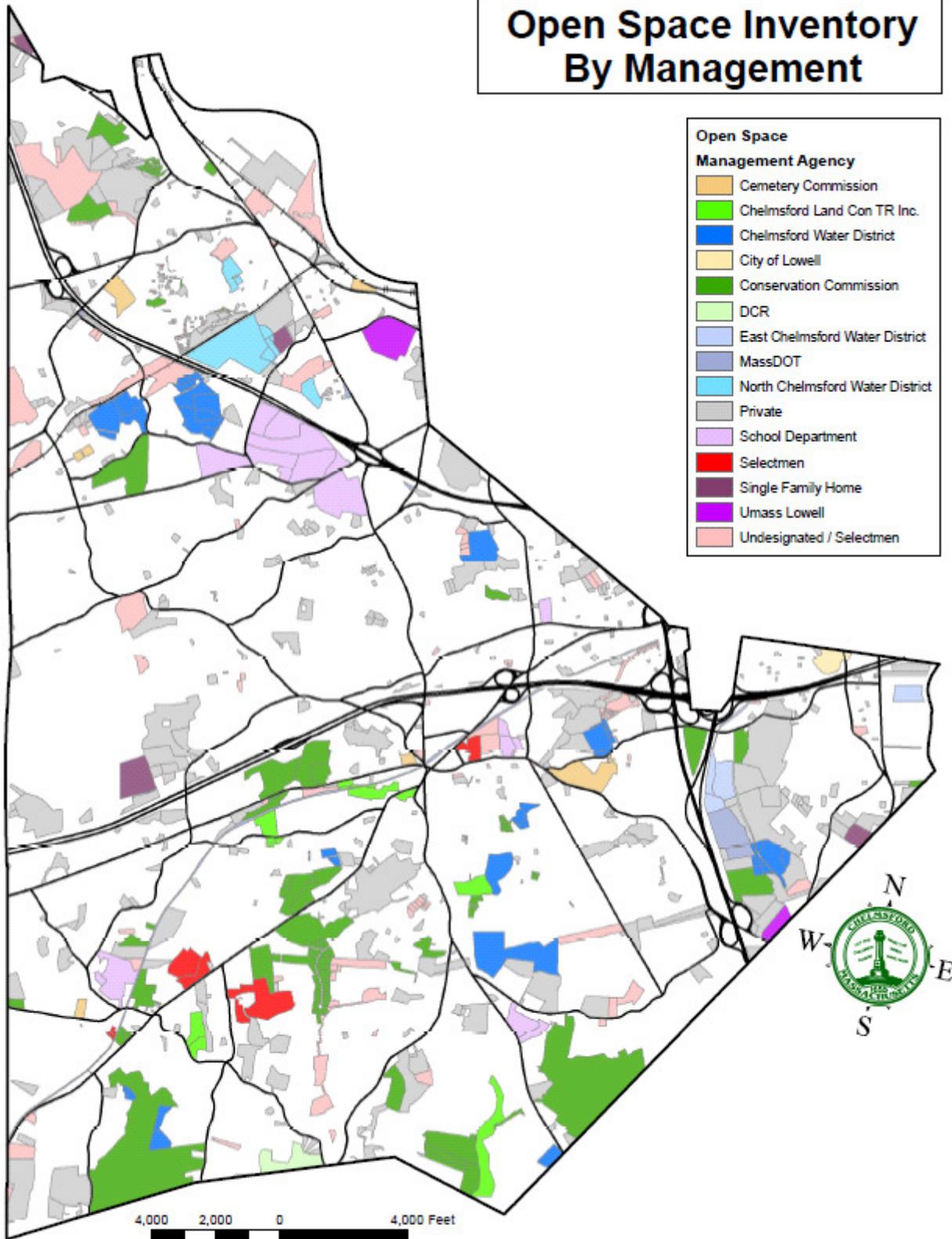
Light Blue	A
Medium Blue	AE
Dark Blue	AH
Dark Purple	AO
Pink	V
Bright Pink	VE
Light Purple	ANI
Yellow	X500
Orange	D
Cyan	UNDES

Required Map 6 - C
 Feature Data Sources:
 Town of Chelmsford GIS
 MassGIS

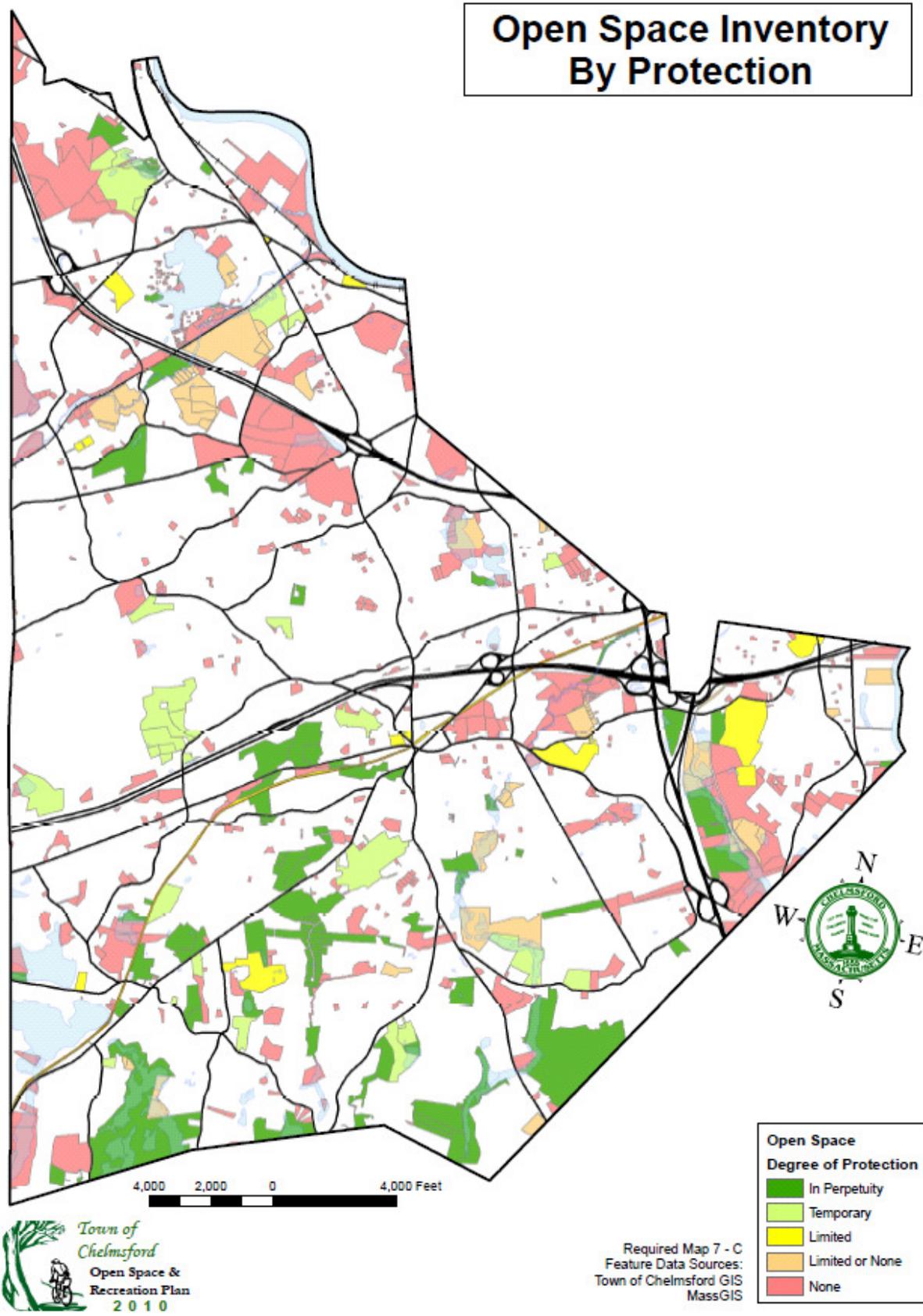




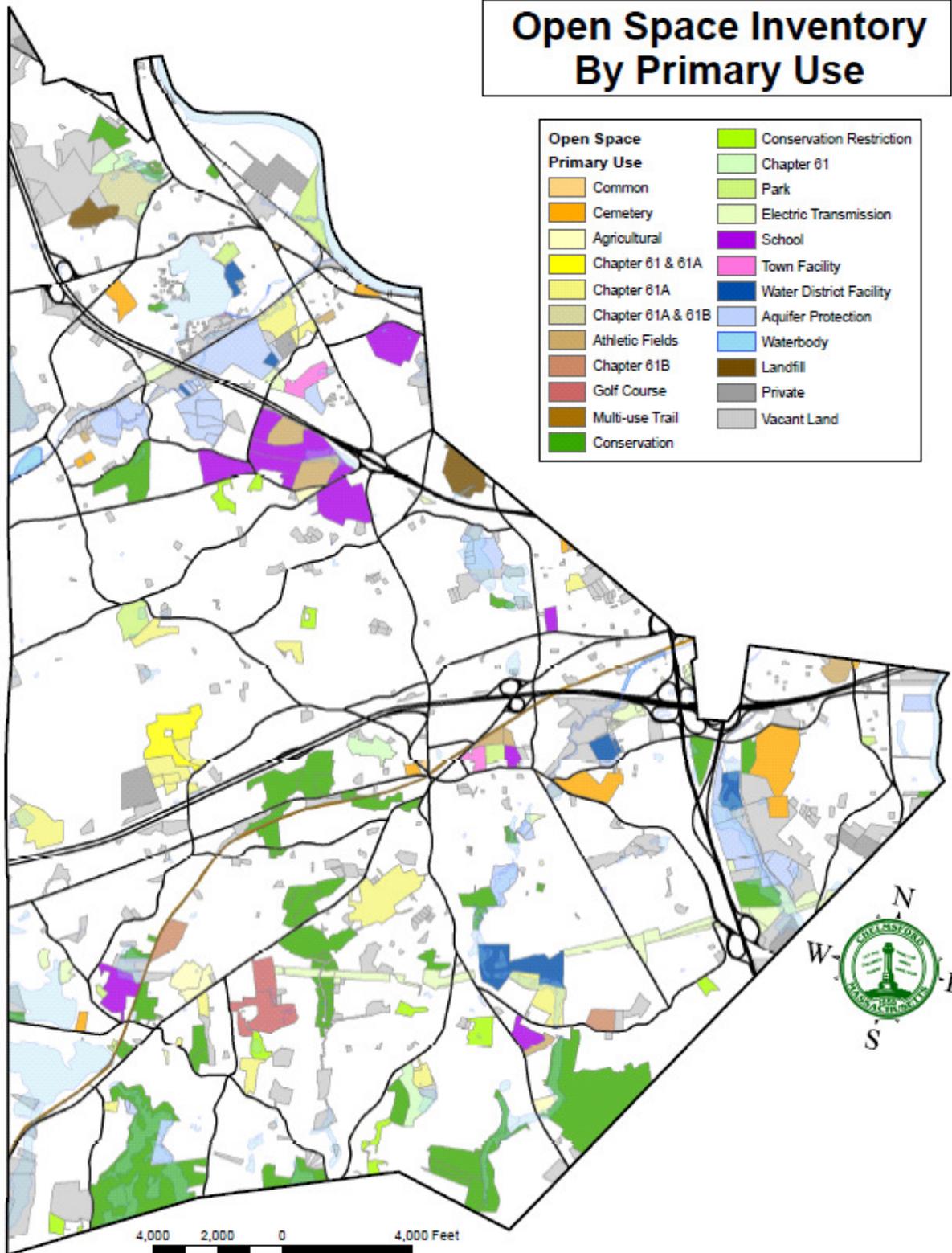
Open Space Inventory By Management



Required Map 7 - B
Feature Data Sources:
Town of Chelmsford GIS
MassGIS



Open Space Inventory By Primary Use

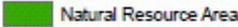
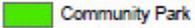
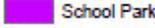
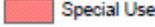


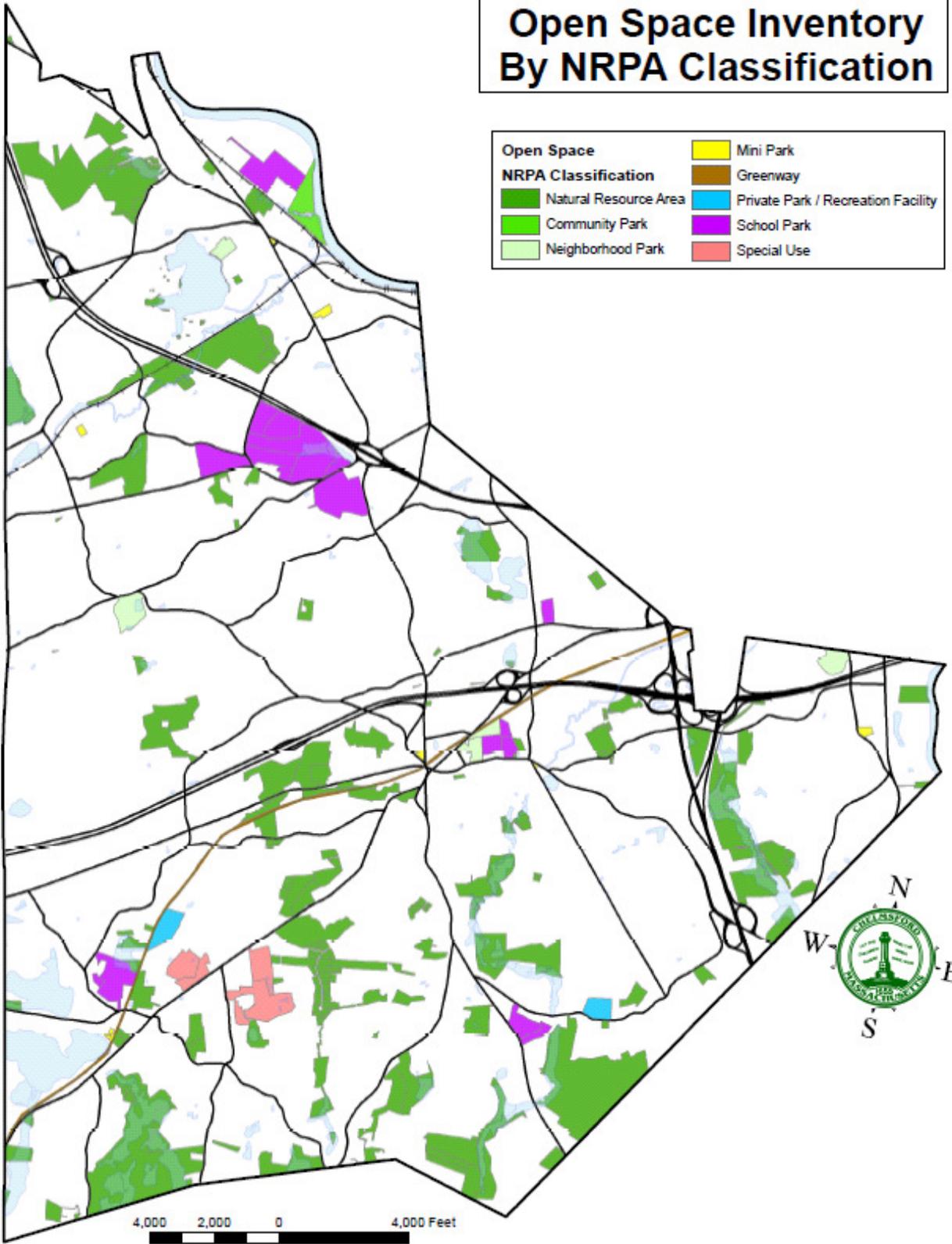
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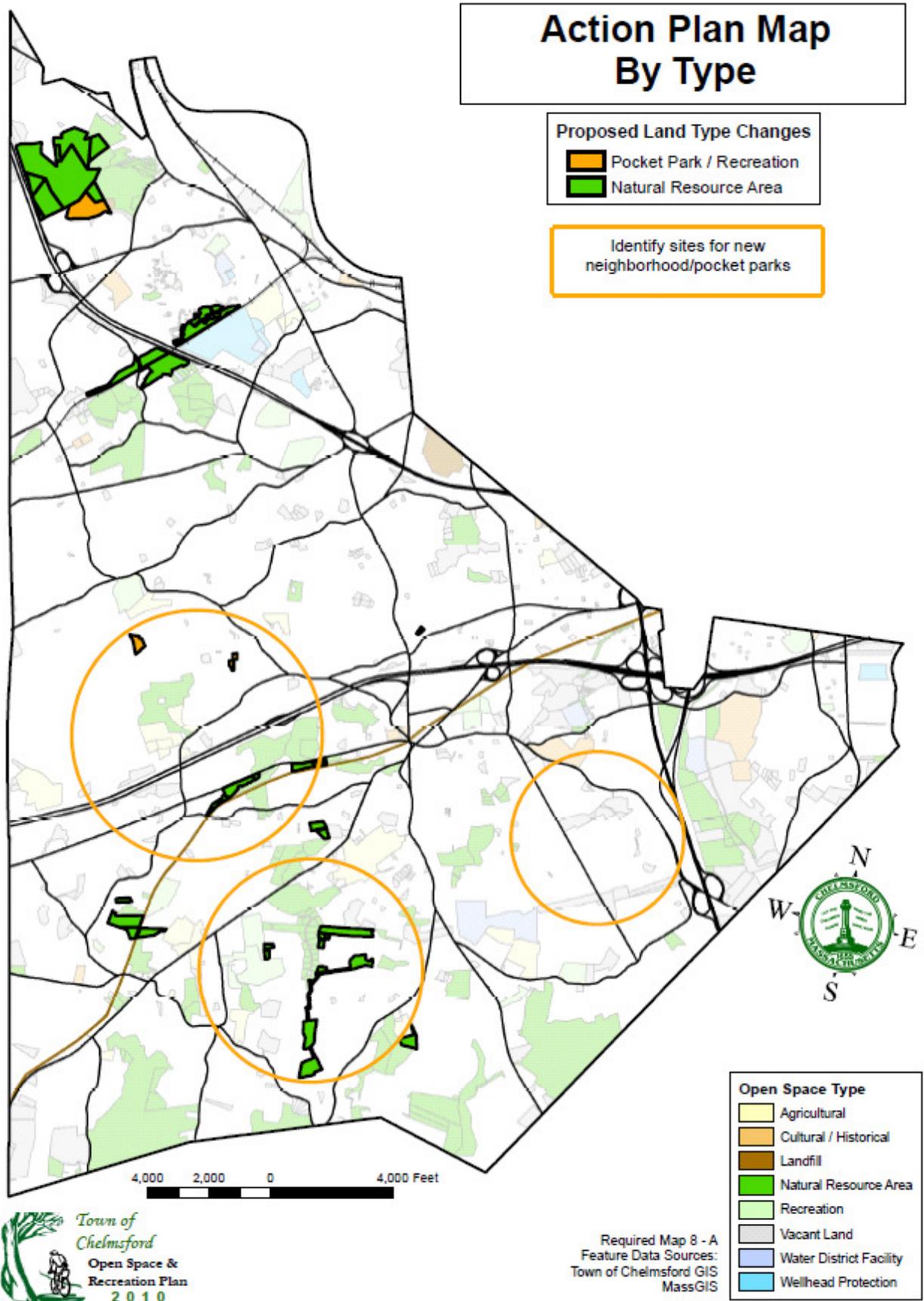
Required Map 7 - D
Feature Data Sources:
Town of Chelmsford GIS
MassGIS

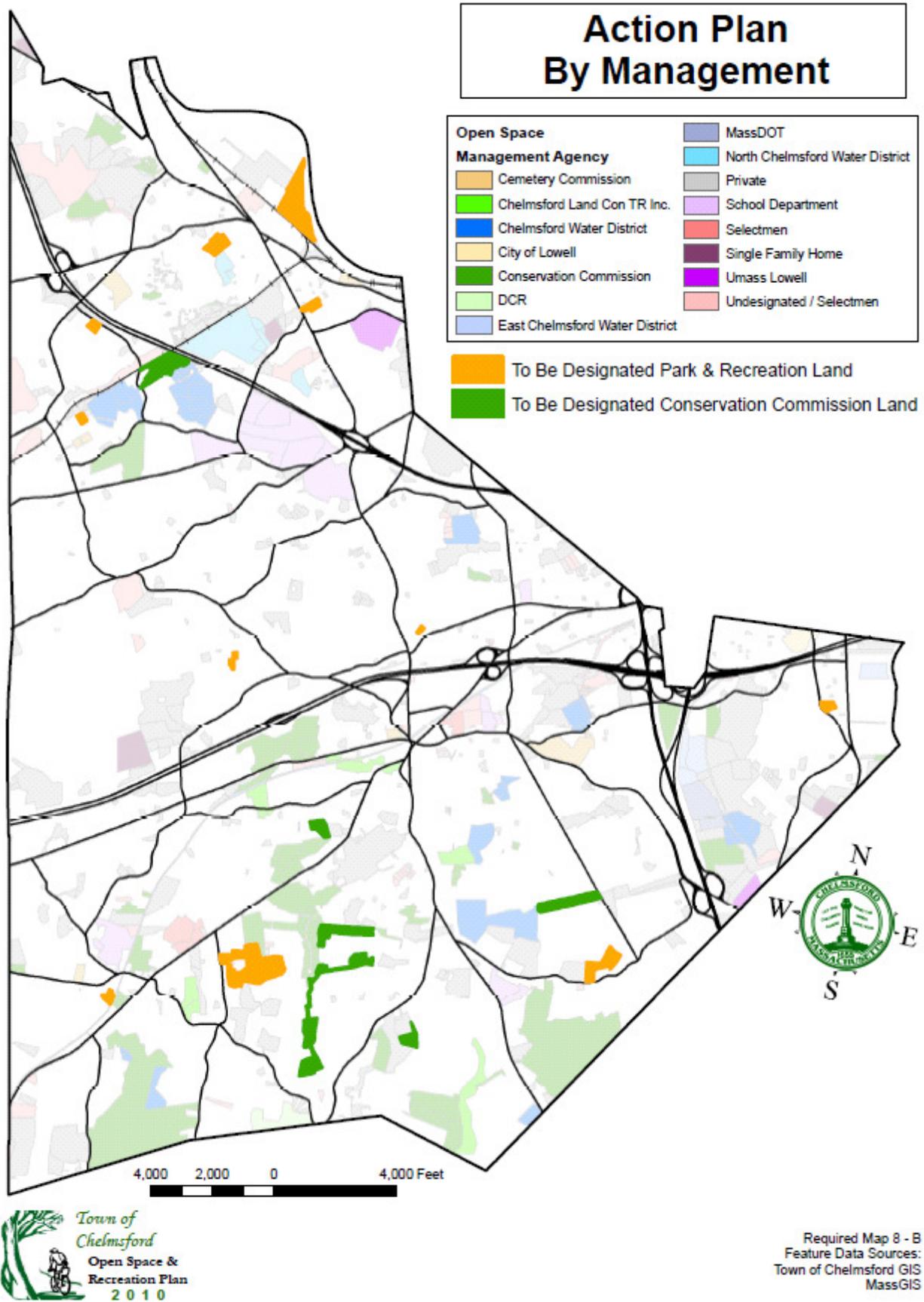
Open Space Inventory By NRPA Classification

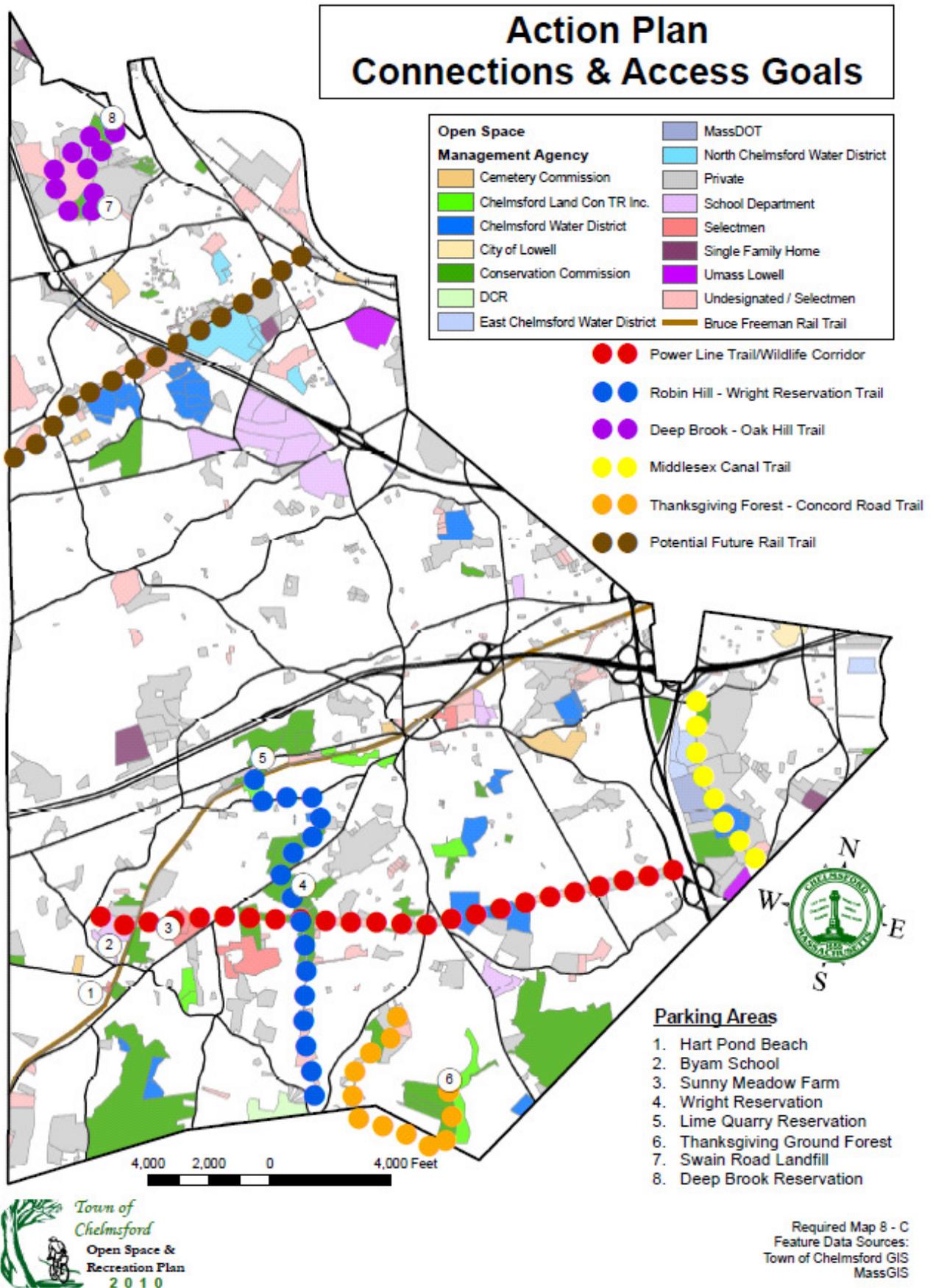
Open Space	
 Natural Resource Area	 Mini Park
 Community Park	 Greenway
 Neighborhood Park	 Private Park / Recreation Facility
	 School Park
	 Special Use

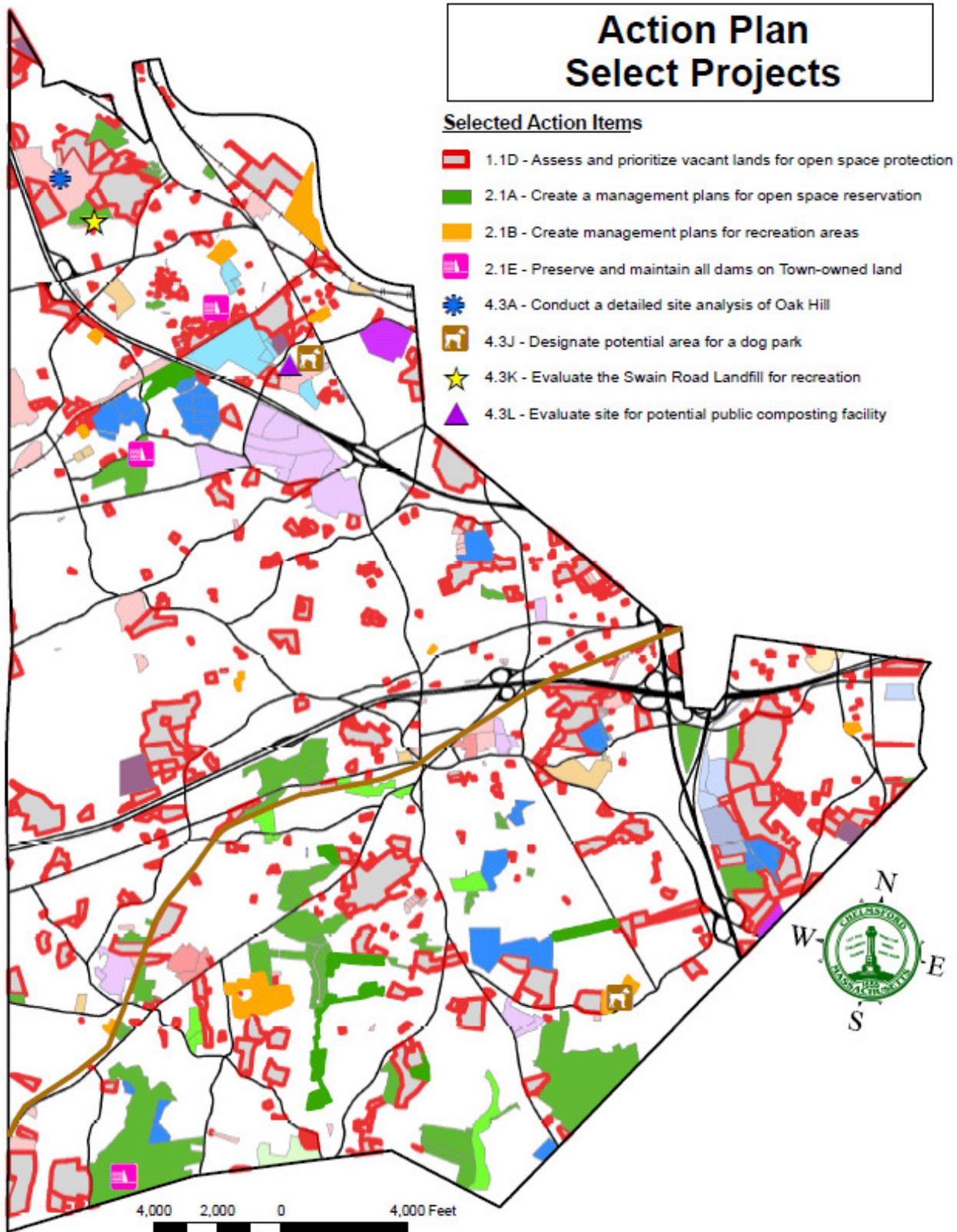


Required Map 7 - E
Feature Data Sources:
Town of Chelmsford GIS
MassGIS







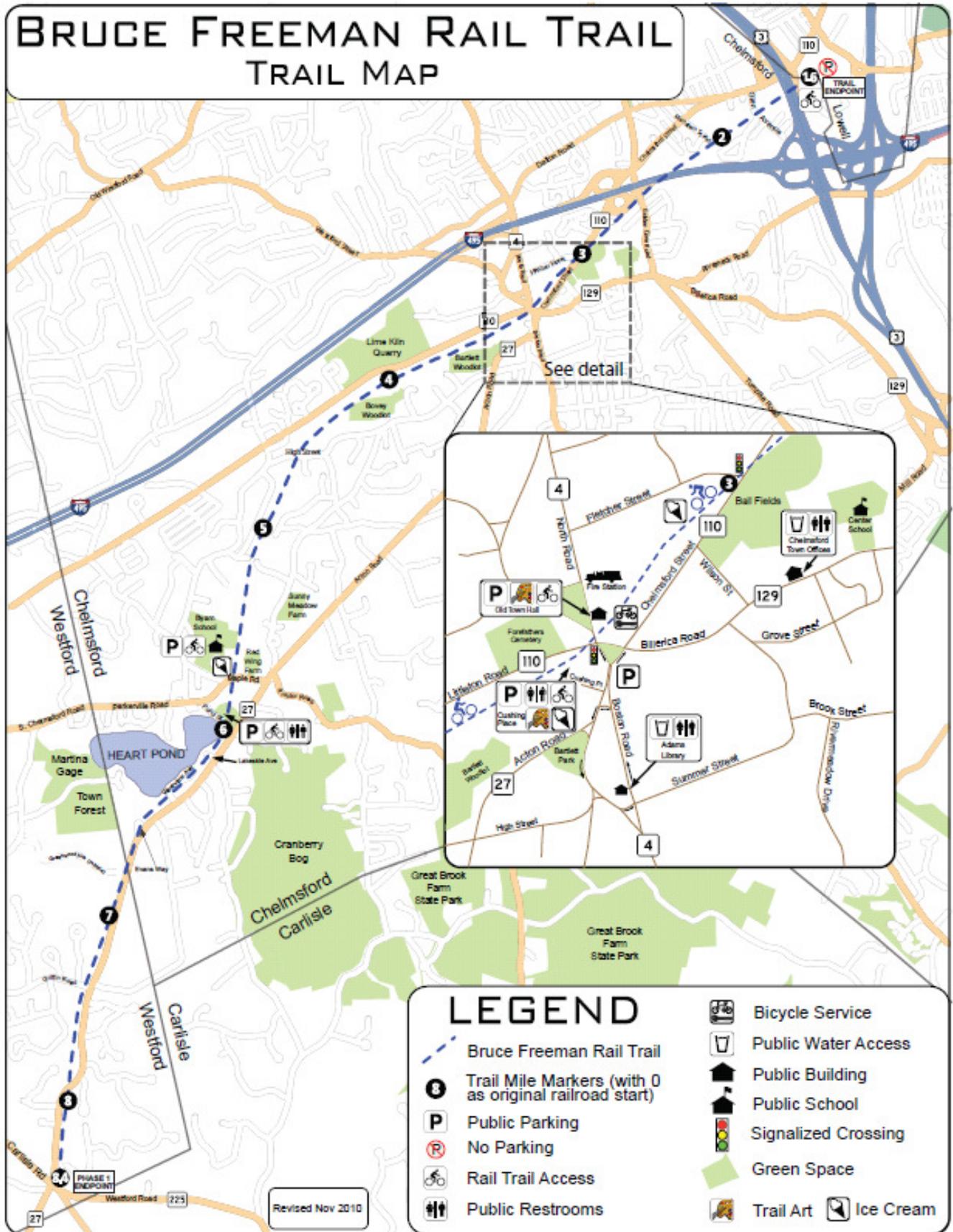


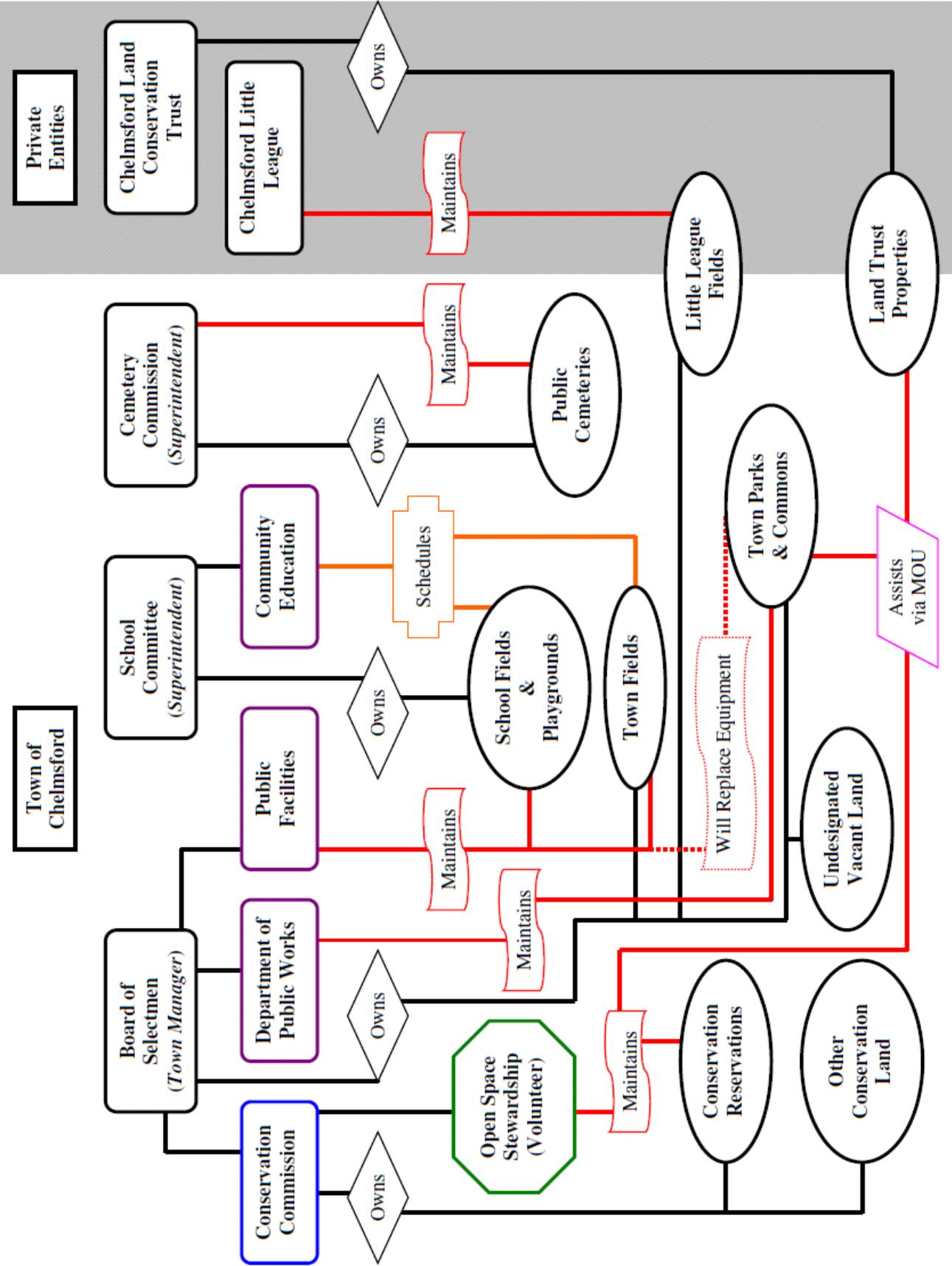
Required Map 8 - D
Feature Data Sources:
Town of Chelmsford GIS
MassGIS

Appendix 2: Additional Maps and Figures

List of Maps and Figures:

- Bruce Freeman Rail Trail Map
- Organizational Chart
- Extra Map 1: Public Parks & Active Recreation Areas
- Extra Map 2: Regional Infrastructure
- Extra Map 3: Neighborhood Map
- Extra Map 4: Access to Public Open Space
- Extra Map 5: Street Tree Inventory and Open Space
- Extra Map 6: Landscape Character Map





Public Parks & Active Recreation Areas

School Parks

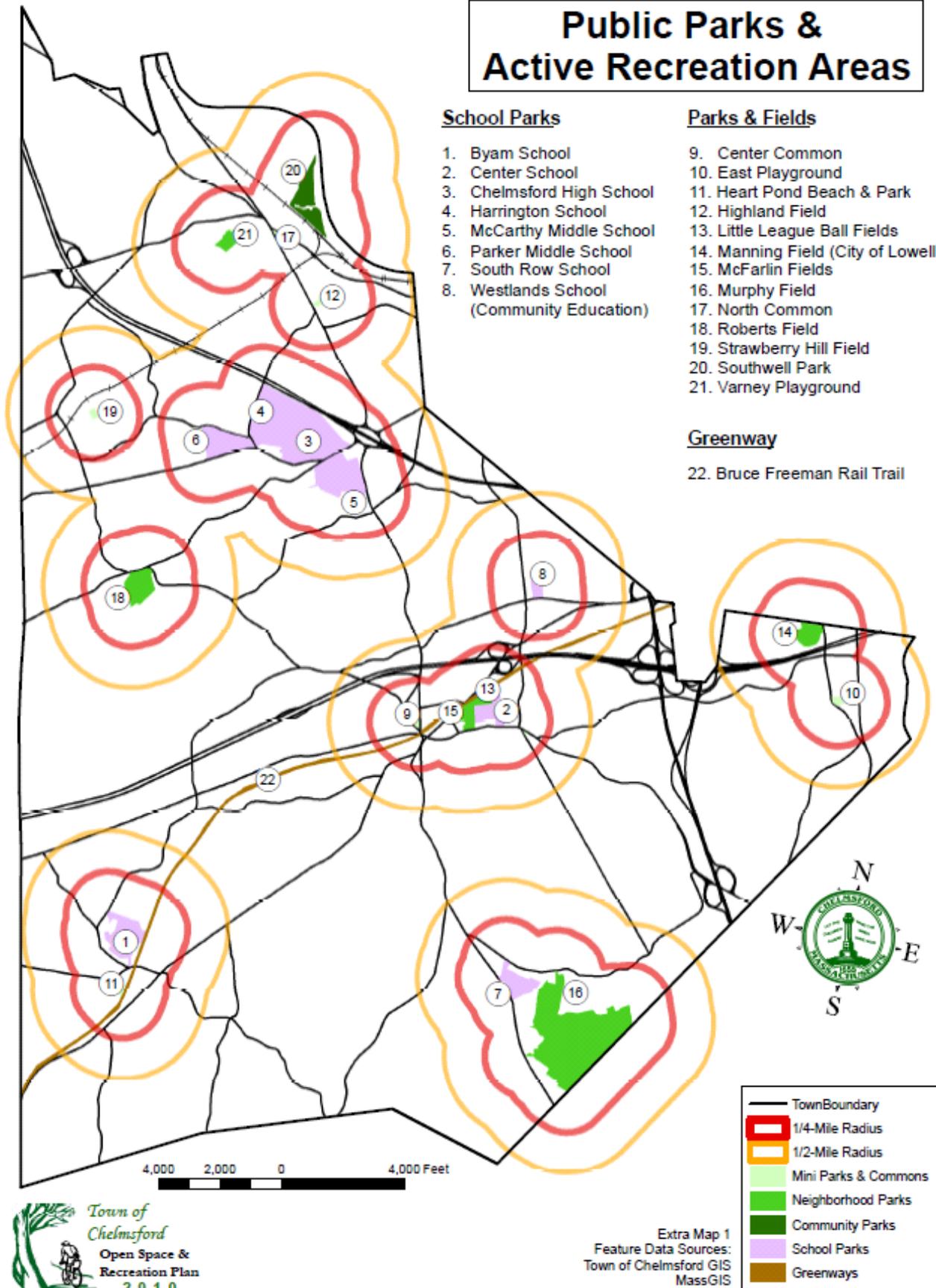
1. Byam School
2. Center School
3. Chelmsford High School
4. Harrington School
5. McCarthy Middle School
6. Parker Middle School
7. South Row School
8. Westlands School (Community Education)

Parks & Fields

9. Center Common
10. East Playground
11. Heart Pond Beach & Park
12. Highland Field
13. Little League Ball Fields
14. Manning Field (City of Lowell)
15. McFarlin Fields
16. Murphy Field
17. North Common
18. Roberts Field
19. Strawberry Hill Field
20. Sowell Park
21. Varney Playground

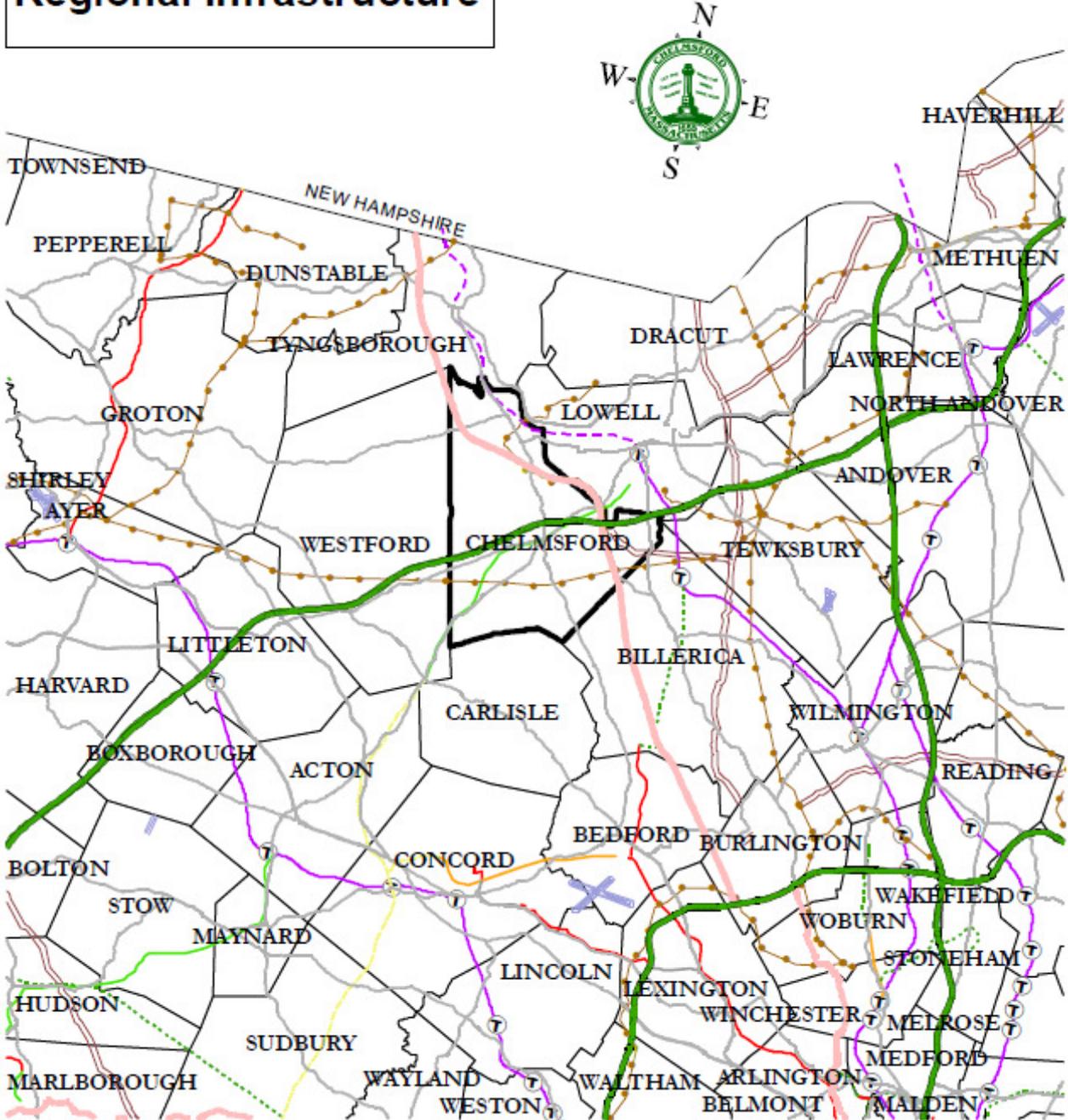
Greenway

22. Bruce Freeman Rail Trail



Extra Map 1
 Feature Data Sources:
 Town of Chelmsford GIS
 MassGIS

Regional Infrastructure



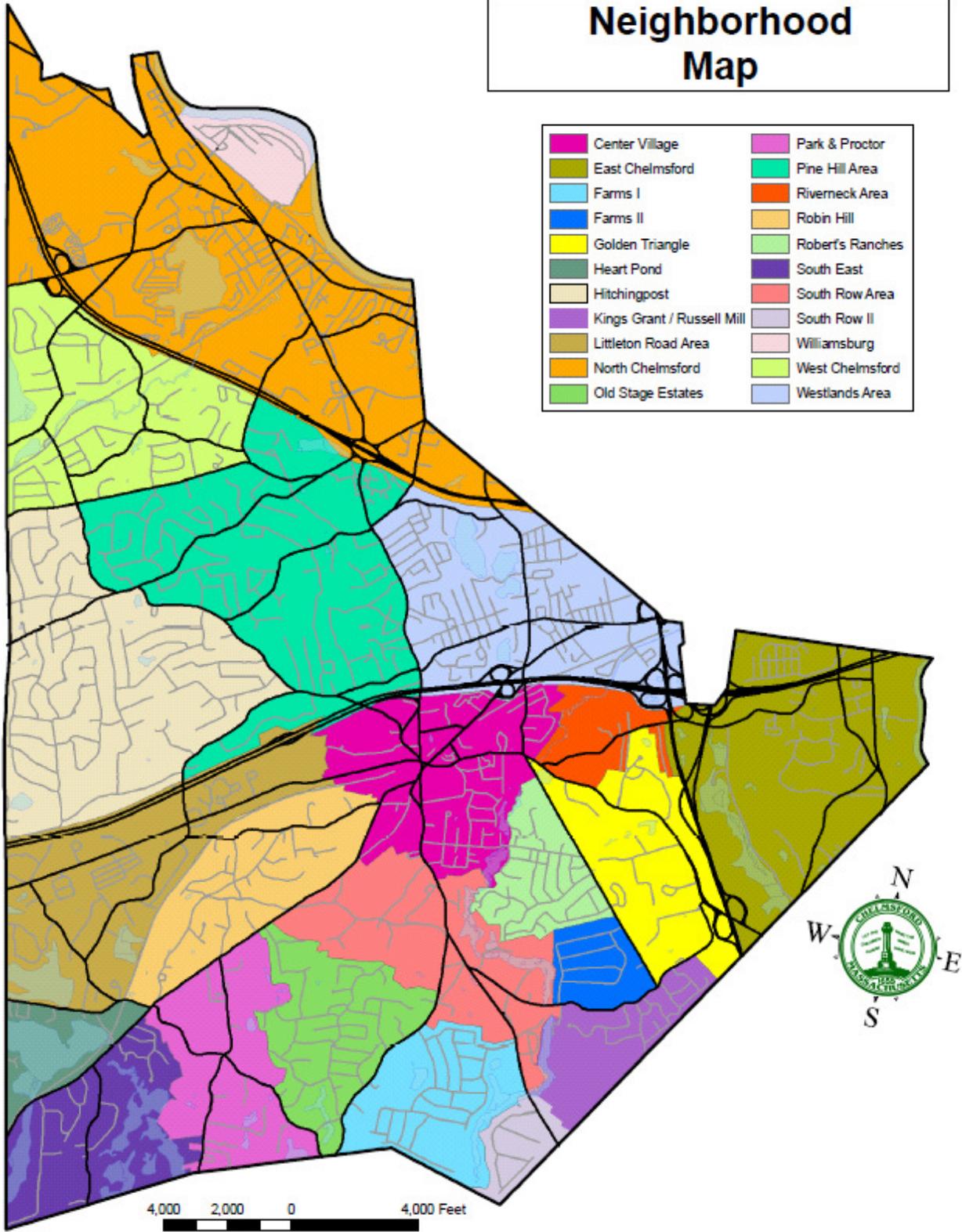
Feature Data Source: MassGIS



Interstate Highway	Existing Bicycle Trails	Active Commuter Rail Stations
U.S. Highway	Existing Unimproved Bicycle Trails	Proposed Commuter Rail Stations
State Roads	On-Road Connection Bicycle Trails	Open Only for Special Events Commuter Rail Stations
Transmission Lines	Underway Bicycle Trails	Commuter Rail Lines
Pipeline	Considered Bicycle Trails	Operational
Pipeline Arbitrary Extension	Potential Bicycle Trails	Proposed
Powerline		Used Only for Special Events
Powerline Arbitrary Extension		Towns
Landing Strip/Airport		

Neighborhood Map

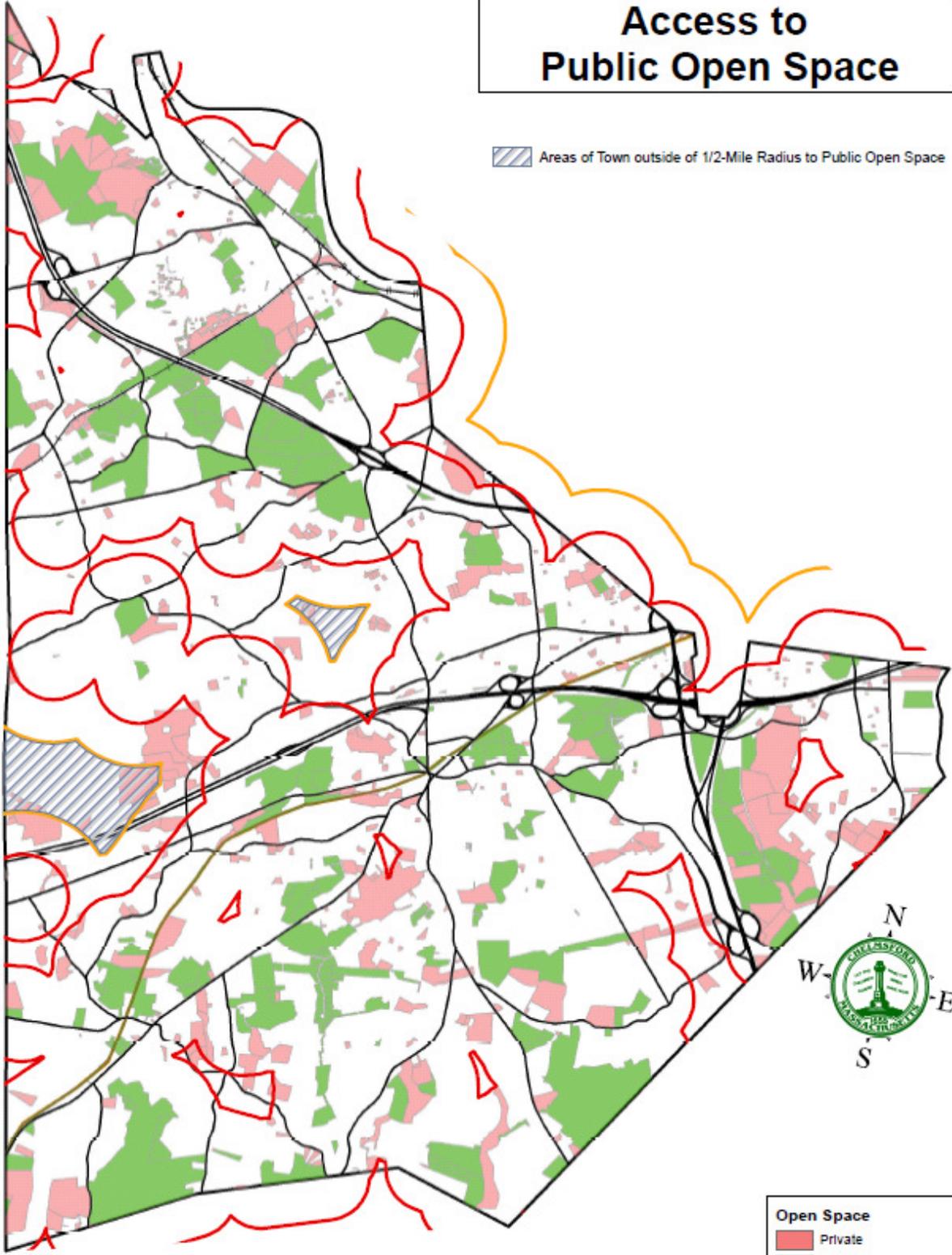
Center Village	Park & Proctor
East Chelmsford	Pine Hill Area
Farms I	Riverneck Area
Farms II	Robin Hill
Golden Triangle	Robert's Ranches
Heart Pond	South East
Hitchingpost	South Row Area
Kings Grant / Russell Mill	South Row II
Littleton Road Area	Williamsburg
North Chelmsford	West Chelmsford
Old Stage Estates	Westlands Area



Extra Map 3
 Feature Data Sources:
 Town of Chelmsford GIS
 MassGIS

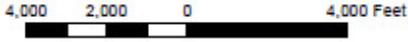
Access to Public Open Space

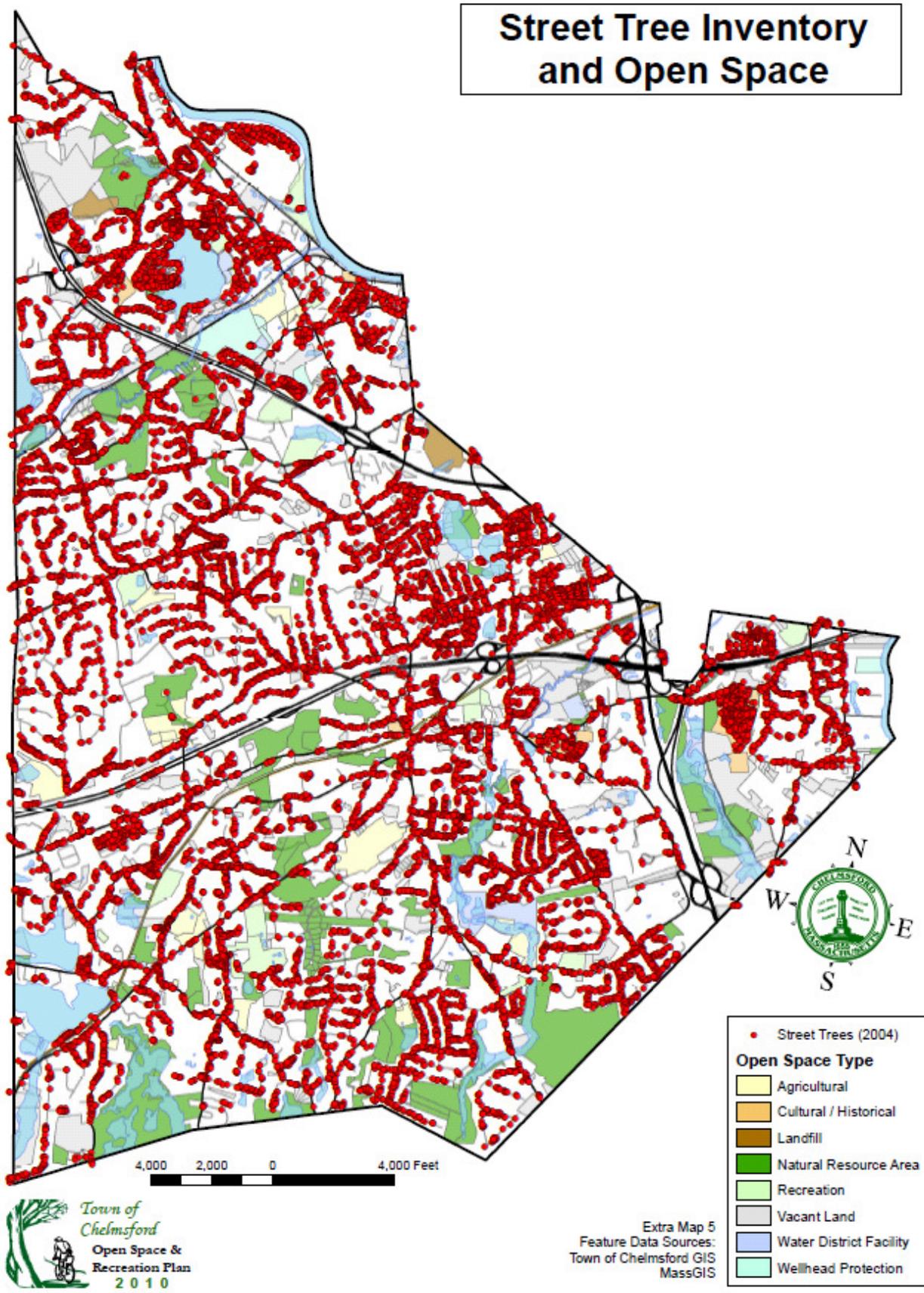
 Areas of Town outside of 1/2-Mile Radius to Public Open Space



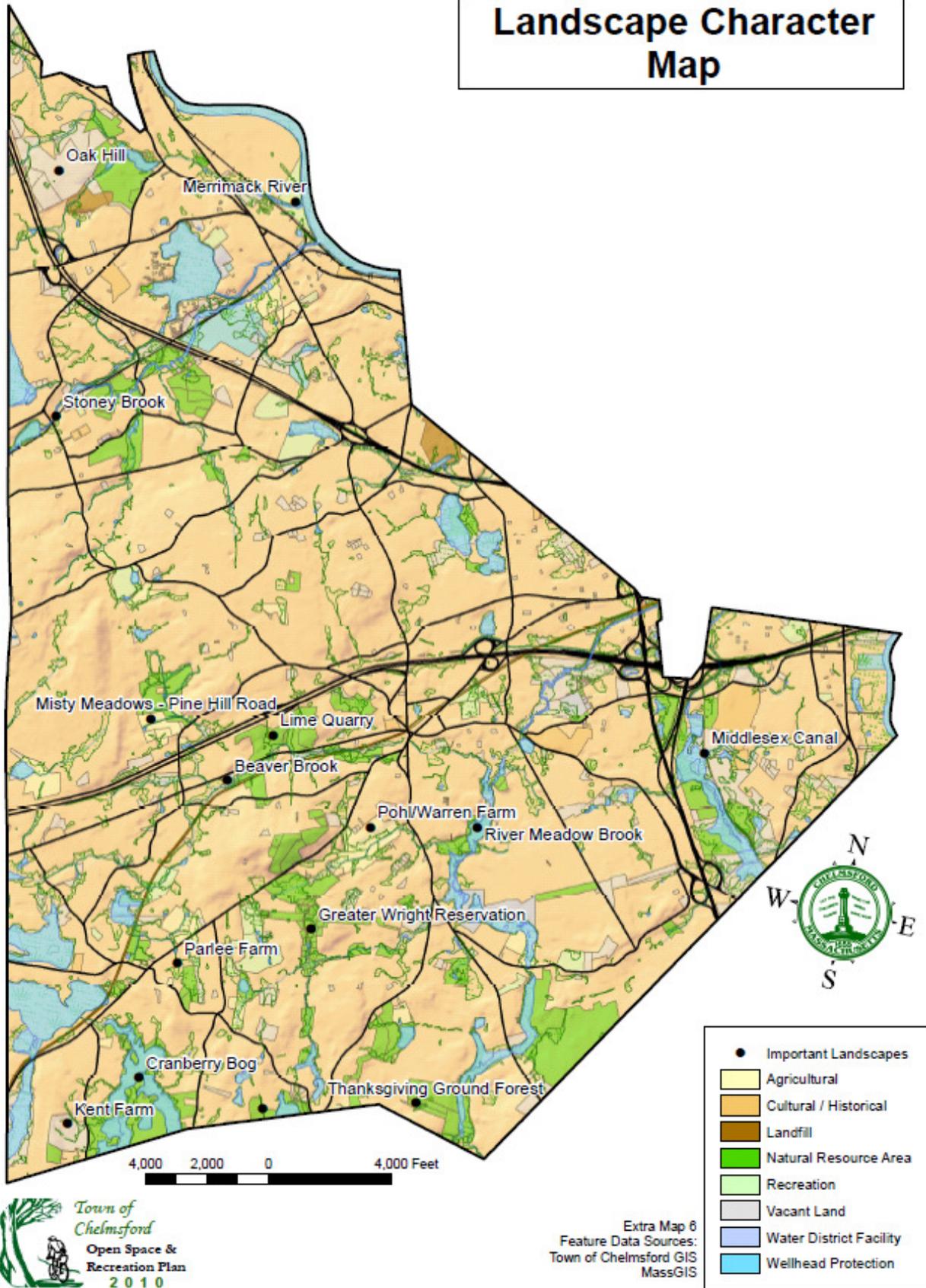
Open Space	
	Private
	Public
	1/4-Mile Public Radius
	1/2-Mile Public Radius
	Bruce Freeman Rail Trail

Extra Map 4
Feature Data Sources:
Town of Chelmsford GIS
MassGIS





Landscape Character Map



Appendix 3: Additional Information

List of Additional Information:

- Action items organized by responsible party and priority
- Accessibility Inventory
- Open space inventory
- Open Space Survey Results
- Glenview Landfill Fire Article
- Dutton House Article

Action Items Organized by Responsible Party and Priority

Goal	Action Item	Responsible Party	Priority
ADA Coordinator			
1.1 J	Identify and prioritize accessibility improvements	ADA	2
2.5 A	Ensure adequate designated accessible parking areas are provided at appropriate reservations and recreation areas	ADA, CON, RC	2
2.5 B	Initiate projects to upgrade sidewalks and surfaces leading to designated open spaces and recreation areas that are ADA compliant	ADA, CON, RC	3
Assessor's Department			
2.3 C	Update Assessor's database with open space research	ASD	1
Board of Selectmen			
4.3 A	Conduct a detailed site analysis of Oak Hill culminating in a master plan emphasizing protection of open space and creation of recreational opportunities	BOS	1
Bicycle and Pedestrian Advisory Committee			
2.5 C	Provide pedestrian and bicycling signage indicating directions from one open space area to a linked and/or relatively close open space area	BPAC	3
2.5 D	Install and maintain bicycle racks as advised by BPAC, benches, and other non-motorized vehicle amenities	BPAC, RC	2
Conservation Commission			
1.1 D	Assess and prioritize public and private vacant lands for open space protection	CON	2
1.1 E	Identify open spaces that need Conservation Restrictions (CR) and which organization should hold these CR's.	CON	2

1.2 B	Create broad Town-wide LOS standards/policies for all open space and specific standards for individual reservations	CON	2
4.3 E	Identify parcels that provide flood management and water storage which require protection	CON	4
4.3 G	Conduct regular wildlife, rare, threatened or endangered species, and vegetation inventories	CON, CLCT	2
4.3 I	Create a plan to identify, monitor and remove invasive plant species	CON, CLCT	2
1.1 H	Identify open spaces that should be prioritized as natural habitat for wildlife	CON, CLCT	3
4.3 B	Evaluate and designate areas solely for wildlife preservation (sanctuary)	CON, CLCT	3
4.3 H	Create a formal system for wildlife data storage and information dissemination	CON, CLCT	3
2.1 A	Create a management plan for each open space reservation including forestry management	CON, COSS	2
4.4 A	Develop an accessible trail for passive recreation	CON, COSS	2
2.6 B	Post signage for protection/education	CON, COSS	3
4.2 B	Connect Robin Hill Reservation to Wright Reservation and Greater Wright Reservation	CON, COSS	4
1.1 G	Identify open space areas where access should be limited	CON, COSS, CLCT	3
2.6 A	Enhance wildlife corridors and manage large natural vegetation areas for ecological values	CON, COSS, CLCT	3
3.1 A	Provide public maps and brochures on open space and recreation opportunities	CON, RC	0

2.2 A	Perform open space and recreation management plan evaluations on a tri-annual basis	CON, RC	3
2.2 B	Conduct public outreach tri-annually to improve management plans and adjust LOS	CON, RC	3
3.2 B	Publicize opportunities for citizens and businesses to be involved in open space and recreation area maintenance	CON, RC	4
4.3 K	Evaluate the Swain Road Landfill for reuse as open space or active recreation	CON, RC, DPW	3
3.2 A	Publicize threats to wetlands and information about improving water quality	CON, WD	2
4.3 F	Create watershed associations or stream teams to conduct water quality research and education projects	CON, WD, COSS	4
Chelmsford Open Space Stewardship			
1.1 I	Identify and prioritize open space maintenance needs (trails, structures, etc.)	COSS	1
Community Preservation Committee			
4.1 A	Purchase land for Open Space preservation with Community Preservation Funds and Town funds as long as financially feasible	CPC	0
4.3 M	Create plan to evaluate and prioritize acquisition or protection of all Chapter 61, 61A and 61B properties	CPC	1
4.3 N	Create process for information sharing to track which Chapter 61, 61A, and 61B properties are classified, when a property changes use or is sold	CPC, ASD	1
4.1 B	Develop criteria for evaluating and prioritizing potential parcels for open space conservation restrictions or acquisition	CPC, CON	1

4.2 A	Acquire land and/or place permanent CRs on private vacant land that creates linkages to existing open spaces	CPC, CON, CLCT	0
4.1 C	Develop criteria for the acquisition of recreational space as needed	CPC, RC	2
Chelmsford Public Schools			
21 D	Schools shall create management plans for their outdoor recreation areas and open spaces	CPS	2
3.2 C	Better publicize information about field scheduling	CPS, RC	1
Department of Public Works			
21 E	Preserve and maintain all dams on Town-owned land that create and facilitate recreation and Open Space lands	DPW	4
Historical Commission			
1.1 F	Inventory historic and natural resources within conservation areas	HC, CON	3
Planning Board			
4.3 O	Create appropriate zoning regulations for agricultural land	PB	2
Recreation Commission			
1.1 A	Create a systematic method for determining and assessing demand for recreation facilities and organized activities	RC	2
1.1 B	Utilize National Recreation and Park Association (NRPA) methodologies to determine needs based on current and projected population data	RC	2
1.1 C	Identify and prioritize active recreation maintenance needs (fields, equipment, etc.)	RC	2
1.2 A	Utilize NRPA methodologies to determine recreation LOS based on needs	RC	2

2.1 B	Create management plans for each recreation area, park, or playground	RC	2
3.2 D	Better publicize and educate citizens about opportunities for organized team and club sports	RC	2
4.3 P	Establish non-specialized recreation areas for multiple recreation activities	RC	2
4.4 B	Develop a senior appropriate/accessible fit trail	RC, ADA	3
2.4 C	Develop criteria to assess management of leased recreation facilities	RC, PBC	3
Town Manager			
2.4 A	Designate or create a Parks and Recreation Commission	TM	1
4.3 J	Designate a two-acre parcel of vacant upland for a dog park	TM	2
2.3 B	Conduct a feasibility study evaluating the consolidation of the water districts into one entity to improve water conservation, decrease duplication of services and thereby create additional resources for protecting aquifer protection lands	TM	4
2.3 A	Develop maintenance funding policy prioritizing private maintenance funding from "friends of" support groups via memorandum of understanding	TM, CON	2
2.1 C	Establish guidelines for designating management of vacant/undesignated Town-owned land	TM, BOS	1
2.4 B	Ensure the BFRT has a designated responsible party for maintenance	TM, DPW, BPAC	4
4.3 Q	Provide "pocket parks" within neighborhoods lacking access to existing recreation areas	TM, RC	4
4.3 L	Create a public composting facility	TM, RCD, DPW,	3
Water Departments			

Open Space Inventory

4.3 D	Create a plan to improve surface water quality within public drinking water supply watersheds	WD	1
4.3 C	Monitor surface water quantity and quality within public drinking water supply watersheds	WD	2

Name	Address	Description	Handicap Parking	Site Access (ramps, handrails, etc.)	Picnic Facilities	Accessible/ Paved Trails	Playground Equipment	Fields & Courts	Beaches, Docks & Fishing	Special Programming	Services & Technical Assistance
110 Ball Fields	75 Chelmsford St	Softball, Baseball fields		Yes	Yes			Yes	N/A		
Byam School	25 Maple Rd	Playground, multi-use field	Yes	Yes				Yes	N/A		
Center School	84 Billerica Rd	Basketball Court, Field	Yes	Yes				Yes	N/A		
Chelmsford Country Club	66 Park Rd	9 Hole Golf Course, driving range	Yes	Yes				Yes	N/A		
Chelmsford High School	Richardson Rd	Football, Soccer, Basketball, Tennis, Track, Other courts	Yes	Yes		Track		Yes	N/A		
Chelmsford High School	Graniteville Rd	Baseball, Softball, Soccer, Multi-use	Yes	Yes				Yes	N/A		
Cranberry Bog Reservation	60 Elm St	Hiking Trails		Yes					N/A		
Deep Brook Reservation	124 Dunstable Rd	Hiking Trails, Bridges							N/A		
East School Playground	Carlisle St	Baseball field, Playground, Multiuse court	Yes	Yes				Yes	N/A		
George B.B. Wright Reservation	120 Parker Rd	Hiking Trails, Bridges, Forest Ecology Trail		Yes					N/A		
Harrington School	120 Richardson Rd	soccer fields, Playground	Yes	Yes			Yes	Yes	N/A		
Heart Pond Beach/ Park	Pond St	Playground							Yes		
Highland Field	Princeton St	soccer fields							N/A		
Lime Quarry Reservation	151 Littleton Rd	Hiking Trails							N/A		
Crooked Springs Brook Reservation	Crooked Springs Rd	Hiking Trails							N/A		
McCarthy Middle School	230 - 250 North Rd	Football field, Track, Tennis courts, Baseball field, soccer field	Yes					Yes	N/A		
McFarlin Field	Chelmsford St	Softball Fields		Yes				Yes	N/A		
North Common	Princeton / Middlesex St	Benches, Gazebo		Yes					N/A		
Parker Middle School	75 Graniteville Rd	Softball fields, soccer field (multi-use field)	Yes	Yes				Yes	N/A		
Redwing Farm	17 Maple Rd	Hiking Trails	Yes	Yes					N/A		
Roberts Field	260 Old Westford Rd	Playground, soccer, Baseball, Softball	Yes	Yes				Yes	N/A		
Russell Mill Reservation / Murphy Field	105 Mill Rd	Soccer fields, Hiking Trails		No					N/A		
South Row School	250 Boston Rd	Tennis Courts, Basketball Courts, Playground, Soccer, Multi-use field		Yes				Yes	N/A		
Southwell Park	Wotton St	Baseball field, Softball fields, canoe launch, playground	Yes	Yes				Yes	N/A		
Strawberry Hill Field	Jorden St	Softball field		Yes				Yes	N/A		
Sunny Meadow Farm	168 Robin Hill Rd.	Community Garden		Yes					N/A		
Thanksgiving Ground Forest	40 Janet Rd	Hiking Trails							N/A		
Town Common	North Rd	Benches		Yes					N/A		
Varney Playground	25 Adams St.	Basketball, Playground, Tennis courts, Baseball, Beach	Yes	Yes			Yes	Yes	Yes		
Westlands School (Community Education)	170 Dalton Rd	Playground, Basketball, Softball Fields, Gazebo	Yes	Yes			Yes	Yes	N/A		

<u>MBL</u>	<u>Acres</u>	<u>Name</u>	<u>Ownership</u>	<u>Management Agency</u>	<u>Current Use</u>	<u>Condition</u>	<u>Public Access</u>	<u>Public / Private</u>	<u>ADA Accessibility</u>	<u>Recreation Potential</u>	<u>Zoning</u>	<u>Degree of Protection</u>	<u>Type of Public Grant Accepted</u>	<u>Deed Restriction (CR)</u>
2-1-1	5.70		Trustees of Boston	Private	Vacant Land	N/A	No	Private	N/A	No	RB	-	N/A	
2-1-2	0.88		TRUSTEES OF BOSTON	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
2-1-3	4.80		SUN SARIN &	Single Family Home	Private	N/A	No	Private	N/A	No	RB	N/A	N/A	
2-1-4	0.74	Tax lien 1993	Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	RB	None	None	
2-4-2	8.96		GUILMETTE GEORGE TRUSTEE	Private	Vacant Land	N/A	No	Private	N/A	Yes	RB	-	N/A	
3-2-5	0.75		WATER CONNECTION LLC (THE)	Private	Vacant Land	N/A	No	Private	N/A	No	IA	-	N/A	
3-3-1	0.13	Tax lien 1993	Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	CB	None	None	
3-3-8	0.02		GILL ROBERT J JR & LINDA M	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
3-8-1	0.14		STEFANAKIS CONSTANTINE &	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
3-8-2	0.45		SZBLAK CHESTER J JR &	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
4-5-1	0.13	Merrimack River	BOSTON & MAINE R R CO	Private	Vacant Land	N/A	No	Private	N/A		IA	-	N/A	
4-5-2	0.20	Merrimack River	AK MEDIA GROUP INC	Private	Vacant Land	N/A	No	Private	N/A		IA	-	N/A	
6-4-14	3.01		GESI REALTY LLC	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
6-4-17	2.50		GESI REALTY LLC	Private	Vacant Land	N/A	No	Private	N/A	No	RB	-	N/A	
6-4-21	0.07	Tax Lien 1987	Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	RB	None	None	
7-4-7	0.27		TRUBEY MARSHALL Q	Private	Vacant Land	N/A	No	Private	N/A	No	RB	-	N/A	
7-4-10	1.97		TRUBEY MARSHALL Q	Private	Vacant Land	N/A	No	Private	N/A	Yes	RB	-	N/A	
7-4-11	15.67	Deep Brook Reservation	Town	Conservation Commission	Conservation		Yes	Public		Yes	RB	In Perpetuity	Unknown	
7-4-31	0.25		PAJER VALENTINE M	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
7-4-33	19.00		GUILMETTE EARL J &	Private	Vacant Land	N/A	No	Private	N/A	Yes	RB	-	N/A	
7-4-35	7.86		Unknown	Private	Vacant Land	N/A	No	Private	N/A	Yes	RB	-	N/A	
7-4-40	4.36		Lowell Sportsmen Club	Private	Chapter 61	N/A	No	Private	N/A	Yes	RB	Temporary	N/A	
7-4-41	7.50		Lowell Sportsmen Club	Private	Chapter 61	N/A	No	Private	N/A	Yes	RB	Temporary	N/A	
7-4-42	0.99		SCHIEFEN STEVEN J &	Private	Vacant Land	N/A	No	Private	N/A		OS	-	N/A	
7-4-43	1.12		Lowell Sportsmen Club	Private	Chapter 61	N/A	No	Private	N/A	Yes	RB	Temporary	N/A	
7-4-44	1.95		Lowell Sportsmen Club	Private	Chapter 61	N/A	No	Private	N/A	Yes	RB	Temporary	N/A	
7-4-46	1.74		Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	Yes	RBI	None	Unknown	
8-4-10	0.40		Town	Conservation Commission	Conservation		Yes	Public	N/A		RB	In Perpetuity	Unknown	
8-4-12	0.40	Swain's Pond	Town	Conservation Commission	Conservation		Yes	Public	N/A		RB	In Perpetuity	Unknown	
8-4-13	0.40		Town	Conservation Commission	Conservation		Yes	Public	N/A		RB	In Perpetuity	Unknown	
8-4-15	0.52		Town	Conservation Commission	Conservation		Yes	Public	N/A		RB	In Perpetuity	Unknown	
8-4-18	0.40	Swain's Pond	Town	Conservation Commission	Conservation		Yes	Public	N/A		RB	In Perpetuity	Unknown	

MBL	Acres	Name	Ownership	Management Agency	Current Use	Condition	Public Access	Public / Private	ADA Accessibility	Recreation Potential	Zoning	Degree of Protection	Type of Public Grant Accepted	Deed Restriction (CR)
8-4-19	0.44		Town	Conservation Commission	Conservation		Yes	Public	N/A		RB	In Perpetuity	Unknown	
8-4-20	0.43		Town	Conservation Commission	Conservation		Yes	Public	N/A		RB	In Perpetuity	Unknown	
8-4-21	0.52		Town	Conservation Commission	Conservation		Yes	Public	N/A		RB	In Perpetuity	Unknown	
8-4-22	2.89	Swain's Pond	Town	Conservation Commission	Conservation		Yes	Public	N/A		RB	In Perpetuity	Unknown	
8-4-26	1.14		Lowell Sportsmen Club	Private	Chapter 61	N/A	No	Private	N/A	Yes	RB	Temporary	N/A	
8-4-29	0.30		Lowell Sportsmen Club	Private	Chapter 61	N/A	No	Private	N/A	Yes	RB	Temporary	N/A	
8-10-27	2.35	Frank Brox Gift, 2000	Town	Conservation Commission	Conservation		Yes	Public	N/A	No	CB	In Perpetuity	Unknown	
8-16-3	0.29		PASZKIEWICZ JOANNE &	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
8-16-9	0.14		KNIGHT GARY L ETALS	Private	Vacant Land	N/A	No	Private	N/A		RM	-	N/A	
8-17-8	0.11		STEVENS GAIL A	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
9-6-1	35.00	Lighthouse School	LIGHTHOUSE SCHOOL INC	Private	Private	N/A	No	Private	N/A	Yes	IA	-	N/A	
9-6-2	26.00	Southwell Park	Town	Undesignated / Selectmen	Park		Yes	Public		Yes	IA	None	Unknown	
9-10-2	0.24		DUFFY EDWARD J	Private	Vacant Land	N/A	No	Private	N/A		CD	-	N/A	
9-10-3	0.04		DUFFY EDWARD J & EILEEN M	Private	Vacant Land	N/A	No	Private	N/A		CB	-	N/A	
9-12-2	0.72		CDA REALTY - CHELMSFORD LLC	Private	Vacant Land	N/A	No	Private	N/A		CB	-	N/A	
9-12-4	10.80	1998 \$900,000 purchase	Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	IA	None	Unknown	
9-12-6	0.20		CARYE ASSOCIATES	Private	Vacant Land	N/A	No	Private	N/A		CD	-	N/A	
10-4-1	0.47		State	MassDOT	Vacant Land	N/A	No	Public	N/A	No	IS	None	Unknown	
10-4-2	21.27		CONGREGATIONAL CHURCH	Private	Vacant Land	N/A	No	Private	N/A	Yes	IS	-	N/A	
10-22-2	1.80		540 GROTON ROAD LLC	Private	Vacant Land	N/A	No	Private	N/A		IA	-	N/A	
11-4-1	66.37	1998 \$200,000 purchase	Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	Yes	IS	None	Unknown	
11-4-2	41.39		Lowell Sportsmen Club	Private	Chapter 61	N/A	No	Private	N/A	Yes	OS	Temporary	N/A	
11-4-3	4.70		Lowell Sportsmen Club	Private	Vacant Land	N/A	No	Private	N/A	Yes	CX	-	N/A	
11-4-5	16.76	Swain Rd Dump	Town	Selectmen	Landfill		No	Public	N/A	Yes	CX	None	Unknown	
11-4-6	1.75	From Lowell Sportsmen Club 1987	Town	Undesignated / Selectmen	Landfill		No	Public	N/A		RB	None	Unknown	
11-4-13	1.32		CARYE RAYMOND A ETAL	Private	Vacant Land	N/A	No	Private	N/A	No	RB	-	N/A	
11-4-15	0.27	Swain Rd Dump	Town	Undesignated / Selectmen	Landfill		No	Public	N/A	Yes	CX	None	Unknown	
11-4-17	0.53		HICKS ROBERT M	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
11-4-18	0.18	Swain Rd Dump	Town	Undesignated / Selectmen	Landfill		No	Public	N/A	Yes	CX	None	Unknown	
11-4-19	0.21	Swain Rd Dump	Town	Undesignated / Selectmen	Landfill		No	Public	N/A	Yes	CX	None	Unknown	
11-4-20	0.24	Swain Rd Dump	Town	Undesignated / Selectmen	Landfill		No	Public	N/A	Yes	CX	None	Unknown	

MBL	Acres	Name	Ownership	Management Agency	Current Use	Condition	Public Accesses	Public / Private	ADA Accessibility	Recreation Potential	Zoning	Degree of Protection	Type of Public Grant Accepted	Deed Restriction (CR)
11-4-21	0.37	Swain Rd Dump	Town	Undesignated / Selectmen	Landfill		No	Public	N/A	Yes	CX	None	Unknown	
11-4-22	0.28	Swain Rd Dump	Town	Undesignated / Selectmen	Landfill		No	Public	N/A	Yes	RB	None	Unknown	
111-412-5	0.51		NEW ENGLAND POWERCO	Private	Electric Transmission	N/A	No	Private	N/A		RB	-	N/A	
12-4-1	0.21		Lowell Sportsmen Club	Private	Chapter 61	N/A	No	Private	N/A	Yes	RB	Temporary	N/A	
12-4-2	2.51		Lowell Sportsmen Club	Private	Chapter 61	N/A	No	Private	N/A	Yes	RB	Temporary	N/A	
12-4-3	2.07	Swain Rd	Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A		RB	None	Unknown	
12-16-11	1.00		LETENDRE WILLIAM J	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
12-16-47	0.17		COSIC DRAGAN &	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
12-16-58	0.73		ZUKOWSKI HENRY R ETALS TRS	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
12-17-3	0.25		ROBERTS DAVID H &	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
12-29-5	2.80		MALEWICZ WESLEY R & BARBARA E	Private	Vacant Land	N/A	No	Private	N/A	No	RC	-	N/A	
12-29-8	0.19		NEWTON KEVIN F &	Private	Vacant Land	N/A	No	Private	N/A		RC	-	N/A	
12-30-1	0.03	tax taking	Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A		RC	None	None	
12-30-10	0.21	Varney Beach	Town	Undesignated / Selectmen	Park		Yes	Public		Yes	RC	None	Unknown	
12-38-1	0.05		MALEWICZ WESLEY R &	Private	Vacant Land	N/A	No	Private	N/A		RC	-	N/A	
12-38-2	0.01		FLANNERY PAUL &	Private	Vacant Land	N/A	No	Private	N/A		RC	-	N/A	
12-38-3	0.02		NEWTON ROBYN &	Private	Vacant Land	N/A	No	Private	N/A		RC	-	N/A	
12-40-1	1.00		COSIC DRAGAN &	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
13-19-20	1.12		CHELMSFORD HOLDINGS LTD PART	Private	Vacant Land	N/A	No	Private	N/A		IA	-	N/A	
13-20-7	0.24		CLARK BERNARD V	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
13-21-20	0.31		GILET WILLIAM J SR &	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
13-30-4	6.78	Varney Playground	Town	Undesignated / Selectmen	Park		Yes	Public		Yes	RC	None	Unknown	
13-30-5	0.06	Varney Playground	Town	Undesignated / Selectmen	Park		Yes	Public		Yes	RC	None	Unknown	
13-31-1	0.40	North Common	Town	Undesignated / Selectmen	Common		Yes	Public		No	CD	Limited	Unknown	
13-36-13	0.10		MASSACHUSETTS ELECTRIC CO	Private	Electric Transmission	N/A	No	Private	N/A		RC	-	N/A	
13-36-14	0.28		MASSACHUSETTS ELECTRIC CO	Private	Electric Transmission	N/A	No	Private	N/A		RC	-	N/A	
13-36-15	0.85		NEW ENGLAND POWER CO	Private	Electric Transmission	N/A	No	Private	N/A		RC	-	N/A	
13-36-16	0.09		MASSACHUSETTS ELECTRIC CO	Private	Electric Transmission	N/A	No	Private	N/A		RC	-	N/A	
13-43-10	0.13		MAGOVERN SCOTT &	Private	Vacant Land	N/A	No	Private	N/A		RC	-	N/A	
14-6-1	0.14		MASSACHUSETTS ELECTRIC CO	Private	Electric Transmission	N/A	No	Private	N/A		IA	-	N/A	
14-19-2	2.83		GAGNON LISA A TRUSTEE	Private	Vacant Land	N/A	No	Private	N/A	No	IA	-	N/A	

MBL	Acres	Name	Ownership	Management Agency	Current Use	Condition	Public Accesses	Public / Private	ADA Accessibility	Recreation Potential	Zoning	Degree of Protection	Type of Public Grant Accepted	Deed Restriction (CR)
14-19-5	0.27		GAGNON LISA A TRUSTEE	Private	Vacant Land	N/A	No	Private	N/A		IA	-	N/A	
14-19-23	3.84	Riverside Cemetery	Town	Cemetery Commission	Cemetery		Yes	Public	N/A	No	RC	Limited	Unknown	
14-46-3	0.12		MASSACHUSETTS ELECTRIC CO	Private	Electric Transmission	N/A	No	Private	N/A		RC	-	N/A	
14-50-1	0.78		ROMAN CATHOLIC ARCHBISHOP	Private	Vacant Land	N/A	No	Private	N/A		RC	-	N/A	
17-42-12	0.92		ABRAHAMSON FREDERICK	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
17-82-13	0.80		PENTEDEMOS JOSEPH A &	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
17-82-23	0.49		Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	RB	None	Unknown	
17-89-5	0.06		Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A		RB	None	Unknown	
17-89-8	0.14		THOMAS MATTHEW D &	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
18-41-3	0.01	Tax Lien 1959	Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	RB	None	None	
18-41-16	0.03		WHITE DOROTHY	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
18-41-20	0.09		MORRISON ELIZABETH L &	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
18-41-21	0.02		Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	RB	None	Unknown	
18-41-23	0.52		Town	Conservation Commission	Conservation		Yes	Public	N/A	Yes	RB	In Perpetuity	Unknown	
18-41-24	1.76		GILBERT LAWRENCE S &	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
18-41-25	2.52		Town	Conservation Commission	Conservation		Yes	Public	N/A	No	RB	In Perpetuity	Unknown	
18-41-28	0.24		Town	Conservation Commission	Conservation		Yes	Public	N/A	Yes	RB	In Perpetuity	Unknown	
18-48-8	0.11		CALDERONE PHILIP W	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
18-48-9	0.11		CALDERONE LENA IRREVOCABLE TR	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
18-48-13	0.11		WADE GRACE ANN	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
18-48-24	0.09		KINSELLA ANN M	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
18-48-38	0.10		Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	RB	None	Unknown	
18-48-40	0.18		QUINN SARAH A TR	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
18-56-21	14.17	Fairview Cemetery	Town	Cemetery Commission	Cemetery		Yes	Public	N/A	No	RB	Limited	Unknown	
18-66-6	0.25	Tax Lien 1992	Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	RB	None	None	
18-70-5	0.12		MCMASTER ANGELA M &	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
18-71-3	0.22		LACOURSE ROSEMARY	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
18-71-8	0.03		Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	RB	None	Unknown	
18-73-15	0.07		ANDERSON JR LAWRENCE J	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	

MBL	Acres	Name	Ownership	Management Agency	Current Use	Condition	Public Accesses	Public / Private	ADA Accessibility	Recreation Potential	Zoning	Degree of Protection	Type of Public Grant Accepted	Deed Restriction (CR)
18-73-18	0.07		SWANBECK WENDY	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
18-73-19	0.22		LOWENSTEIN CARROLL M TRUSTEE	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
18-75-3	0.04		SUGDEN THOMAS W TRUSTEE	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
18-75-4	0.04		KALOS GEORGE P &	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
18-75-6	0.11		CLERMONT PAULINE I TRUST	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
18-75-10	0.18		NUNNERY JAMES W III &	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
18-76-10	0.04		DEARBORN ROBERT I	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
18-75-11	0.07		DAIGLE ROLAND & LOUISE	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
18-75-12	0.07		SCOTT ROBERT G	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
18-76-12	0.27		DEARBORN ROBERT I	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
18-75-13	0.06	Tax Lien 1993	Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	RB	None	None	
18-75-14	0.04		SCOTT ROBERT G	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
18-75-15	0.07		DAIGLE ROLAND A & LOUISE M	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
18-75-17	0.22		LEVASSEUR MARK L	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
18-75-22	0.07		DAIGLE ROLAND & LOUISE	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
18-75-24	0.07		TRUDO DONNA M	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
18-76-4	0.08		CLERMONT PAULINE I	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
18-76-5	0.06	Tax Lien 1992	Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	RB	None	None	
18-76-14	0.08		KINNEEN KATHERINE L &	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
18-76-16	0.08		KINNEEN KATHERINE L, ANN MARIE &	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
18-76-22	0.11		ST LOUIS KIM A	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
18-79-10	0.08		BARRINGTON EVAN TOM JR	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
18-79-11	0.15		CLERMONT GAIL ANN	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
18-79-16	0.08		MIGGOS CHARLES T	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
18-79-19	0.08		CLERMONT GAIL ANN	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
18-79-20	0.15		MIGGOS CHARLES T	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
18-79-21	0.08		CLERMONT GAIL ANN	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
18-83-2	0.21		GILBERT LAWRENCE S &	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
18-83-17	0.06	Tax Lien 1993	Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A		RB	None	None	
18-83-18	0.06	Tax Taking 1975	Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	RB	None	None	
18-83-19	0.03		Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A		RB	None	Unknown	
18-83-20	0.04		HESSIAN JOHN F	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
18-83-21	0.08		RAFFONI CHARLES ANTHONY	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
18-83-22	0.08		LEVASSEUR DAVID A	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	

MBL	Acres	Name	Ownership	Management Agency	Current Use	Condition	Public Accesses	Public / Private	ADA Accessibility	Recreation Potential	Zoning	Degree of Protection	Type of Public Grant Accepted	Deed Restriction (CR)
18-83-26	0.08		RAFFONI CHARLES ANTHONY	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
18-83-28	0.03	Tax Taking 1975	Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	RB	None	None	
18-83-30	0.06	Tax taking 1975	Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A		RB	None	None	
18-89-2	0.15		MCSHEEHY TERRY A &	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
18-94-1	0.11		KINSELLA ANN M	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
18-94-2	0.08		Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	RB	None	Unknown	
18-94-3	0.13		MANISCALO ANTHONY J	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
19-30-1	6.35		North Chelmsford Water District	North Chelmsford Water District	Water District Facility	N/A	No	Public	N/A	No	RC	Limited or None	Unknown	
19-30-2	0.27		North Chelmsford Water District	North Chelmsford Water District	Vacant Land	N/A	No	Public	N/A	No	RC	Limited or None	Unknown	
19-30-3	1.21		North Chelmsford Water District	North Chelmsford Water District	Vacant Land	N/A	No	Public	N/A	No	RC / P	Limited or None	Unknown	
19-30-4	2.80	North Water District Office	North Chelmsford Water District	North Chelmsford Water District	Water District Facility	N/A	No	Public	N/A	No	RC	Limited or None	Unknown	
19-48-29	10.20		MCCOY DANIEL G TRUSTEE	Private	Vacant Land	N/A	No	Private	N/A	No	RA	-	N/A	
19-48-30	4.00	Freeman Lake / Tax Taking 1970	Town	Conservation Commission	Conservation		Yes	Public	N/A	No	RB	In Perpetuity	Unknown	
19-48-31	1.40		Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	P	None	Unknown	
19-48-34	0.10		Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A		RA	None	Unknown	
19-59-1	0.50		SEDELNICK GENA V &	Private	Electric Transmission	N/A	No	Private	N/A	No	CB	-	N/A	
19-59-3	0.35		SEDELNICK PETER	Private	Vacant Land	N/A	No	Private	N/A		CB	-	N/A	
19-59-5	23.02		Mahoney Group LLC	Private	Chapter 61A	N/A	No	Private	N/A	No	RB	Temporary	N/A	
19-59-11	0.50		JASON, FRANCIS R III &	Private	Vacant Land	N/A	No	Private	N/A	No	RA	-	N/A	
19-59-12	1.99		Mahoney Group LLC	Private	Chapter 61A	N/A	No	Private	N/A	No	RB	Temporary	N/A	
19-59-13	7.30		NARUS PETER	Single Family Home	Private	N/A	No	Private	N/A	No	RA	N/A	N/A	
19-59-14	2.56		North Chelmsford Water District	North Chelmsford Water District	Vacant Land	N/A	No	Public	N/A	No	RA	Limited or None	Unknown	
19-59-15	0.51		North Chelmsford Water District	North Chelmsford Water District	Vacant Land	N/A	No	Public	N/A	No	RA	Limited or None	Unknown	
19-72-4	0.11		AYOTTE DEAN M &	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
19-77-10	0.45		HAMALAINEN JEFFERY &	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
19-80-2	0.15		AVILA JOHN M	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
19-86-1	0.52	Freeman Spillway / Tax Taking 1970	Town	Conservation Commission	Town Facility		Yes	Public	N/A	No	RB	In Perpetuity	Unknown	

MBL	Acres	Name	Ownership	Management Agency	Current Use	Condition	Public Access	Public / Private	ADA Accessibility	Recreation Potential	Zoning	Degree of Protection	Type of Public Grant Accepted	Deed Restriction (CR)
19-87-1	2.00		Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	RA	None	Unknown	
20-49-3	0.15		MCENANEY PETER F JR &	Private	Vacant Land	N/A	No	Private	N/A		RC	-	N/A	
20-50-15	0.25		ROMAN CATH ARCH OF BOSTON	Private	Vacant Land	N/A	No	Private	N/A		RC0	-	N/A	
20-50-25	3.03	Highland Park	Town	Undesignated / Selectmen	Athletic Fields		Yes	Public		Yes	RB	None	Unknown	
20-50-38	0.49		LIFE SAVER MINISTRIES	Private	Vacant Land	N/A	No	Private	N/A		RC	-	N/A	
20-53-6	0.65		STOWELL ROBERT J &	Private	Vacant Land	N/A	No	Private	N/A		RD	-	N/A	
20-55-3	0.08		PLATER JON &	Private	Vacant Land	N/A	No	Private	N/A		RC	-	N/A	
20-59-1	4.26	Mahoney's Garden Center	Mahoney Group LLC	Private	Chapter 61A	N/A	No	Private	N/A	No	CBR	Temporary	N/A	
20-63-4	0.19		MCCARTHY CHRISTINE H	Private	Vacant Land	N/A	No	Private	N/A		RC	-	N/A	
20-65-2	0.21		ROMAN CATH ARCH OF BOSTON	Private	Vacant Land	N/A	No	Private	N/A		RC	-	N/A	
20-68-3	0.13		ELMORE, JAMES F &	Private	Vacant Land	N/A	No	Private	N/A		RC	-	N/A	
20-74-1	34.00	Umass Lowell	State	Umass Lowell	School		Yes	Public		No	RB	None	Unknown	
20-85-3	0.16		KHORY STEVEN A	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
21-67-7	0.12		CURRAN SUSAN F	Private	Vacant Land	N/A	No	Private	N/A		RC	-	N/A	
21-74-19	9.89		DH LAND LLC	Private	Vacant Land	N/A	No	Private	N/A		IA	-	N/A	
23-92-2	1.61		GORDON JUDITH A	Private	Vacant Land	N/A	No	Private	N/A	No	RB	-	N/A	
23-92-4	2.11		GORDON JUDITH A	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
23-92-9	0.41		Town	Undesignated / Selectmen	Vacant Land		No	Private	N/A		RB	None	Unknown	
23-92-10	4.51		MASSACHUSETTS ELECTRIC CO	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
23-92-11	0.69		SILVIO WILLIAM E	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
23-98-1	0.46		State	MassDOT	Vacant Land	N/A	No	Public	N/A	No	RB	None	Unknown	
23-98-2	2.28		SUGDEN THOMAS W TRUSTEE	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
23-99-1	0.15		KENNEY JOHN J	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
23-99-2	2.66		ANDERSON LORRAINE C	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
23-99-6	1.06	Tax Lien 1986	Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	RB	None	None	
23-99-7	0.93	Tax Lien 1986	Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	RB	None	None	
24-48-5	0.15		QUINN SARAH A TRUSTEE	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
24-48-10	0.09		QUINN SARAH A TR	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
24-48-13	0.15		PHO DAU NGUYEN &	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
24-48-14	0.11		KARR RONALD &	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
24-48-15	0.08		QUINN SARAH A TR	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
24-48-28	0.15		MCKENNA JOHN J TRUSTEE	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
24-48-32	0.10		Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	RB	None	Unknown	
24-48-33	0.27		KELLY TERRENCE	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	

<u>MBL</u>	<u>Acres</u>	<u>Name</u>	<u>Ownership</u>	<u>Management Agency</u>	<u>Current Use</u>	<u>Condition</u>	<u>Public Access</u>	<u>Public / Private</u>	<u>ADA Accessibility</u>	<u>Recreation Potential</u>	<u>Zoning</u>	<u>Degree of Protection</u>	<u>Type of Public Grant Accepted</u>	<u>Deed Restriction (CR)</u>
24-48-37	0.10		QUINN BRIAN F &	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
24-48-39	0.11	Tax Lien 1992	Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	RB	None	None	
24-48-41	0.10	1998	Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	RB	None	Unknown	
24-48-43	0.25		LINSKEY CHARLES JR &	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
24-48-46	0.11		KALOS GEORGE P &	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
24-48-49	0.29		MASSACHUSETTS ELECTRIC CO	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
24-48-51	0.14		BUTLER DAVID	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
24-48-52	0.05	Tax Lien 2000	Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	RA	None	None	
24-48-53	0.11		Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	RA	None	Unknown	
24-48-54	0.14		Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	RA	None	Unknown	
24-48-55	0.15		MASSACHUSETTS ELECTRIC CO	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
24-48-56	0.16		MASSACHUSETTS ELECTRIC CO	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
24-48-57	0.18		MASSACHUSETTS ELECTRIC CO	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
24-48-58	0.19		MASSACHUSETTS ELECTRIC CO	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
24-48-59	0.23		MASSACHUSETTS ELECTRIC CO	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
24-94-1	0.08		SMITH JAMES C	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
24-94-2	0.20	Deed 1986	Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	Yes	RB	None	Unknown	
24-94-3	0.09	Deed 1986	Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	Yes	RB	None	Unknown	
24-94-4	0.10		FINNEGAN BLAIR J &	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
24-94-5	0.10	Deed 1986	Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	Yes	RB	None	Unknown	
24-94-6	0.08		MANISCALO ANTHONY J	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
24-94-7	0.03	Deed 1986	Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	Yes	RB	None	Unknown	
24-98-1	0.01		Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	RB	None	Unknown	
24-98-4	0.01		Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	RB	None	Unknown	
24-98-4	0.01	Tax Lien 2000 - sliver along Rte 495	Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	RB	None	None	
24-98-7	0.49		GOULET SAMUEL E & DONNA M	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
24-98-10	5.85	Stony Brook RR	Town	Undesignated / Selectmen	Electric Transmission		No	Public	N/A	No	RB	None	Unknown	
24-98-13	21.00	Stoney Brook	Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	RB	In Perpetuity	Unknown	

<u>MBL</u>	<u>Acres</u>	<u>Name</u>	<u>Ownership</u>	<u>Management Agency</u>	<u>Current Use</u>	<u>Condition</u>	<u>Public Accesses</u>	<u>Public / Private</u>	<u>ADA Accessibility</u>	<u>Recreation Potential</u>	<u>Zoning</u>	<u>Degree of Protection</u>	<u>Type of Public Grant Accepted</u>	<u>Deed Restriction (CR)</u>
24-98-15	1.23		Chelmsford Water District	Chelmsford Water District	Aquifer Protection	N/A	No	Public	N/A	No	RB	Limited or None	Unknown	
24-98-16	1.44		Chelmsford Water District	Chelmsford Water District	Aquifer Protection	N/A	No	Public	N/A	No	RB	Limited or None	Unknown	
24-98-17	1.22		Chelmsford Water District	Chelmsford Water District	Water District Facility	N/A	No	Public	N/A	No	RB	Limited or None	Unknown	
24-104-6	1.38		SUGDEN THOMAS W TRUSTEE	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
25-59-1	57.74		North Chelmsford Water District	North Chelmsford Water District	Aquifer Protection	N/A	No	Public	N/A	No	RB	Limited or None	Unknown	
25-59-2	2.23		North Chelmsford Water District	North Chelmsford Water District	Aquifer Protection	N/A	No	Public	N/A	No	RA	Limited or None	Unknown	
25-59-4	2.80		North Chelmsford Water District	North Chelmsford Water District	Water District Facility	N/A	No	Public	N/A	No	RA	Limited or None	Unknown	
25-59-6	0.24		North Chelmsford Water District	North Chelmsford Water District	Aquifer Protection	N/A	No	Public	N/A	No	RA	Limited or None	Unknown	
25-59-7	2.50		MASSACHUSETTS ELECTRIC CO	Private	Electric Transmission	N/A	No	Private	N/A	No	RA	-	N/A	
25-59-30	1.03		SPIERS HARRY F	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
25-93-2	4.23		NEW ENGLAND POWER CO	Private	Electric Transmission	N/A	No	Private	N/A	No	RB	-	N/A	
25-98-1	0.99		Chelmsford Water District	Chelmsford Water District	Aquifer Protection	N/A	No	Public	N/A	No	RB	Limited or None	Unknown	
25-98-2	1.26		TELAMOS INC	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
25-98-3	0.98		Chelmsford Water District	Chelmsford Water District	Aquifer Protection	N/A	No	Public	N/A	No	RB	Limited or None	Unknown	
25-111-1	0.34	Deed Taking - Sliver along Rte 3	Town	School Department	Vacant Land		Yes	Public	N/A	No	P	None	Unknown	
26-93-9	14.30	DPW Facility	Town	Undesignated / Selectmen	Town Facility		No	Public	N/A	No	P	None	Unknown	
26-93-11	1.07	Deed 1998	Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	Yes	RB	None	Unknown	
26-93-20	0.17		GROENWOLDT CHAD	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
26-93-24	7.98		North Chelmsford Water District	North Chelmsford Water District	Aquifer Protection	N/A	No	Public	N/A	No	RB	Limited or None	Unknown	
26-93-26	0.33		DAY RICHARD J	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
26-93-28	0.57		DAY RICHARD J	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
26-93-30	0.64		DAY RICHARD J &	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
26-102-2	0.90		State	MassDOT	Vacant Land	N/A	No	Public	N/A		P	None	Unknown	
26-103-6	0.17		RYAN WILLIAM E	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
26-107-1	0.19		WASSER JOHN A	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
26-107-6	0.24		UNTRACHT ZACHARY H &	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
27-74-1	3.91		MAXIM INTEGRATED PRODUCTS INC	Private	Vacant Land	N/A	No	Private	N/A		IA	-	N/A	

MBL	Acres	Name	Ownership	Management Agency	Current Use	Condition	Public Access	Public / Private	ADA Accessibility	Recreation Potential	Zoning	Degree of Protection	Type of Public Grant Accepted	Deed Restriction (CR)
28-92-11	0.92		LOISELLE RONALD J	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
28-92-14	22.85	Tax Lien 1992	Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	RB	None	None	
28-92-38	0.72		BRADLEY LOREEN R &	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
28-92-42	0.86		DALEY GERALD J &	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
28-92-43	0.61		HAYES ROBERT T &	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
28-92-47	1.05		STOREY PAUL V &	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
28-104-18	3.60		WILSON ALFRED E TRUSTEE	Private	Vacant Land	N/A	No	Private	N/A	No	RB	-	N/A	
28-104-22	0.14		KALOGERAKOS PETER JOHN	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
28-104-29	0.95		MAGNELL BRUCE A &	Private	Vacant Land	N/A	No	Private	N/A		RA	-	N/A	
28-104-30	1.38		MILLSTONE PROPERTIES INC	Private	Vacant Land	N/A	No	Private	N/A		RA	-	N/A	
28-104-31	1.39		MILLSTONE PROPERTIES INC	Private	Vacant Land	N/A	No	Private	N/A		RA	-	N/A	
29-98-1	1.12		Chelmsford Water District	Chelmsford Water District	Aquifer Protection	N/A	No	Public	N/A	No	RB	Limited or None	Unknown	
29-104-1	8.02	Deed 1976	Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	RB	None	Unknown	
29-112-3	10.63		Chelmsford Water District	Chelmsford Water District	Aquifer Protection	N/A	No	Public	N/A	No	RB	Limited or None	Unknown	
29-112-7	7.40		Chelmsford Water District	Chelmsford Water District	Aquifer Protection	N/A	No	Public	N/A	No	RB	Limited or None	Unknown	
29-112-8	14.35		Chelmsford Water District	Chelmsford Water District	Aquifer Protection	N/A	No	Public	N/A	No	RB	Limited or None	Unknown	
29-112-14	0.70		MILLSTONE PROPERTIES INC	Private	Vacant Land	N/A	No	Private	N/A	Yes	RA	-	N/A	
29-112-17	0.11		Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	RA	None	Unknown	
29-112-19	1.47		MILLSTONE PROPERTIES INC	Private	Vacant Land	N/A	No	Private	N/A	Yes	RA	-	N/A	
29-115-20	0.19		TEUBNER ALAN T	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
29-124-1	1.50	Strawberry Hill Field	Town	Undesignated / Selectmen	Athletic Fields		Yes	Public		Yes	RB	None	Unknown	
29-125-1	1.83		Chelmsford Water District	Chelmsford Water District	Aquifer Protection	N/A	No	Public	N/A	No	RB	Limited or None	Unknown	
30-98-1	10.50		Chelmsford Water District	Chelmsford Water District	Aquifer Protection	N/A	No	Public	N/A	No	RB	Limited or None	Unknown	
30-98-22	6.00		BOY SCOUTS OF AMERICA	Private	Vacant Land	N/A	No	Private	N/A		RA	-	N/A	
30-98-32	0.48		TELAMOS REALTY TRUST II	Private	Vacant Land	N/A	No	Private	N/A		RA	-	N/A	
30-98-34	5.00		Chelmsford Water District	Chelmsford Water District	Aquifer Protection	N/A	No	Public	N/A	No	RB	Limited or None	Unknown	
30-98-35	11.30		Chelmsford Water District	Chelmsford Water District	Aquifer Protection	N/A	No	Public	N/A	No	RB	Limited or None	Unknown	
30-98-44	1.15		Chelmsford Water District	Chelmsford Water District	Aquifer Protection	N/A	No	Public	N/A	No	RB	Limited or None	Unknown	

MBL	Acres	Name	Ownership	Management Agency	Current Use	Condition	Public Accesses	Public / Private	ADA Accessibility	Recreation Potential	Zoning	Degree of Protection	Type of Public Grant Accepted	Deed Restriction (CR)
30-98-47	1.98		Chelmsford Water District	Chelmsford Water District	Aquifer Protection	N/A	No	Public	N/A	No	RB	Limited or None	Unknown	
30-98-65	11.00		Chelmsford Water District	Chelmsford Water District	Aquifer Protection	N/A	No	Public	N/A	No	RB	Limited or None	Unknown	
30-111-1	13.86	Harrington School	Town	School Department	School		Yes	Public		Yes	P	None	Unknown	
30-111-2	16.29	Chelmsford High School	Town	School Department	School		Yes	Public		Yes	RB	None	Unknown	
30-119-1	27.80	Parker Middle School	Town	School Department	School		Yes	Public		Yes	P	None	Unknown	
31-111-1	18.07	Chelmsford High School	Town	School Department	Athletic Fields		Yes	Public		Yes	P	None	Unknown	
31-111-2	34.42	Chelmsford High School	Town	School Department	School		Yes	Public		Yes	P	None	Unknown	
31-111-3	23.88	Chelmsford High School	Town	School Department	Athletic Fields		Yes	Public		Yes	RB	None	Unknown	
31-111-5	3.61	Chelmsford High School	Town	School Department	School		Yes	Public		Yes	RB	None	Unknown	
32-110-1	30.78	Stedman St Landfill	KASNER PERRY TRUSTEE	Private	Landfill	N/A	No	Private	N/A	No	IA	None	N/A	
32-116-3	0.72		State	MassDOT	Vacant Land	N/A	No	Public	N/A	No	IA	None	Unknown	
32-122-1	1.26		SUNNY MEADOW HOMES INC	Private	Electric Transmission	N/A	No	Private	N/A		RB	-	N/A	
33-110-2	0.11		KECY HAROLD E	Private	Vacant Land	N/A	No	Private	N/A		IA	-	N/A	
35-149-13	0.57		BROWN WILLIAM T	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
36-121-1	37.44	Margaret Robbins Mills/ Crooked Springs Brook Reservation	Town	Conservation Commission	Conservation		Yes	Public		Yes	RB	In Perpetuity	Unknown	
36-125-21	0.36		KERR JOHN J JR &	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
36-125-23	1.81	Strawberry Hill	Town	Cemetery Commission	Cemetery		Yes	Public	N/A	No	RB	Limited	Unknown	
36-125-27	0.52		MCCAFFREY EDWARD F	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
36-125-34	1.11		SCHNEPPER BRUCE M &	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
36-145-1	1.48	West Chelmsford Cemetery	Town	Cemetery Commission	Cemetery		Yes	Public	N/A	No	RB	Limited	Unknown	
37-130-2	3.50		Sack Roberts TRS ETAL	Private	Conservation Restriction	N/A	No	Private	N/A	No	RB	In Perpetuity	N/A	State
37-130-6	8.60		Sack Roberts TRS ETAL	Private	Conservation Restriction	N/A	No	Private	N/A	No	RB	In Perpetuity	N/A	State
37-130-73	0.90	Tax Lien 1993	Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	RB	None	None	
38-117-1	38.25	McCarthy Middle School	Town	School Department	School		Yes	Public		Yes	P	None	Unknown	
38-117-2	0.91		DIMARTINO MICHAEL J	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
38-117-8	2.43		DIXON PAMELA J M	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
38-129-1	4.17		AVILA MANUEL J JR	Private	Agricultural	N/A	No	Private	N/A	No	RB	-	N/A	
38-138-5	0.94		SOO HOO GROVER K	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
38-151-19	1.77		ZAHER CHARLES	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	

MBL	Acres	Name	Ownership	Management Agency	Current Use	Condition	Public Accesses	Public / Private	ADA Accessibility	Recreation Potential	Zoning	Degree of Protection	Type of Public Grant Accepted	Deed Restriction (CR)
38-151-26	1.13		HANCOCK BUILDING ASSOCIATES	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
38-151-28	0.92		ZAHER CHARLES	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
38-151-29	0.92		ZAHER CHARLES	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
38-151-36	1.14		HANCOCK BUILDING ASSOC	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
38-157-7	0.92		MCPHILLIPS JOSEPH J	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
39-132-7	0.17		SOUSA JAMES A	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
39-132-10	0.27		ANDERSON DAVID P &	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
39-132-15	0.89		GUARALDI EDMUND F &	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
40-131-7	6.50		BASSETT STEPHANIE &	Private	Vacant Land	N/A	No	Private	N/A	No	RA	-	N/A	
40-131-9	0.75		AHOUSE JEREMY C &	Private	Vacant Land	N/A	No	Private	N/A		RA	-	N/A	
40-131-11	1.03		PARESKY MARIANNE J	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
40-131-16	20.55		Chelmsford Water District	Chelmsford Water District	Aquifer Protection	N/A	No	Public	N/A	No	IA	Limited or None	Unknown	
40-131-19	1.50	Tax Taking 1979	Town	Undesignated / Selectmen	Aquifer Protection		No	Public	N/A	No	RB	None	None	
40-131-23	1.85	Tax Taking 1979	Town	Undesignated / Selectmen	Aquifer Protection		No	Public	N/A	No	RB	None	None	
40-131-33	0.93		Town	Undesignated / Selectmen	Aquifer Protection		No	Public	N/A	No	RB	None	Unknown	
40-131-35	6.38		PALETTA A BARRY	Private	Vacant Land	N/A	No	Private	N/A	No	RA	-	N/A	
40-131-38	1.36		Town	Undesignated / Selectmen	Aquifer Protection		No	Public	N/A	No	RB	None	Unknown	
40-131-47	13.29		KEYC DOROTHY TRUSTEE	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
40-140-2	0.11		GILINSON PHILIP J	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
40-140-3	0.11		PIACENZA CARL T	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
40-143-6	0.22		SCHULTS JOSEPH H & RICHARD F	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
40-150-5	0.23		NOBLE ROBERT J &	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
41-128-1	2.52	Lowell Hebrew Community	Lowell Hebrew Comm. CTR Corp	Private	Cemetery	N/A	No	Private	N/A	No	RB	Limited or None	N/A	
41-140-1	0.25		GUGLIOTTI JOSEPH A &	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
41-140-2	0.11		GUGLIOTTI JOSEPH A	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
41-140-5	0.85		MAGNUSSON MAUREEN C	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
41-140-6	6.20		MAGNUSSON MAUREEN C	Private	Vacant Land	N/A	No	Private	N/A	No	RB	-	N/A	
41-140-12	1.90		Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	RB	None	Unknown	
41-140-13	6.67		Manville, Claire	Private	Chapter 61A	N/A	No	Private	N/A	Yes	RB	Temporary	N/A	
41-140-15	0.34		DUMANIAN LUCY TRUSTEE	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
41-140-22	1.99		Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	RB	None	Unknown	
41-140-32	2.15		DUMANIAN LUCY TRUSTEE	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
41-140-34	2.10		KOHL GLENN A	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	

MBL	Acres	Name	Ownership	Management Agency	Current Use	Condition	Public Accesses	Public / Private	ADA Accessibility	Recreation Potential	Zoning	Degree of Protection	Type of Public Grant Accepted	Deed Restriction (CR)
41-140-35	0.50		WATTS WILLIAM F &	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
41-140-40	0.76		WATTS WILLIAM F &	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
41-140-47	0.73		WATTS WILLIAM F &	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
41-140-47	0.73		WATTS WILLIAM F &	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
41-140-59	0.46		DIODATI EGIDIO A	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
41-140-63	0.09		MAINVILLE CLAIRE R	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
41-140-69	0.36		DULGARIAN STEPHEN T	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
41-140-72	0.23		COWIE DAVID A	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
41-144-6	0.11		SHEPARD SAMUEL E &	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
41-144-10	0.32		NATICCHIONI ERIC J &	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
41-147-4	0.11		MCCARTHY PAUL J	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
43-175-1	1.30		WOODLAND PARK CONDO TRUST	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
44-168-1	7.36		AZAROWSKI JOHN A SR	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
44-174-1	0.43	Edson Cemetery	City of Lowell	City of Lowell	Cemetery	N/A	Yes	Public	N/A	No	RB	Limited	Unknown	
45-168-1	1.75		PATTAVINA MICHAEL C &	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
46-199-4	0.28	Tax Taking 1979	Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	RB	None	None	
47-121-4	0.25		HADLEY PAUL K	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
47-162-7	1.30		NELSON MARY ALICE	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
47-258-6	1.05		MORIN PETER C	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
48-177-4	1.40		TRINITY EVANGELICAL	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
48-194-8	0.92		SERGI ADELINE TR	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
48-194-14	0.18		DOOLITTLE MARK M &	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
49-177-9	1.76		OBRIEN ANTHONY F III &	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
49-177-10	1.59		FINNEGAN NANCY J &	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
49-192-2	0.93		BROX ELEANOR M	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
49-192-3	0.98		BROX ELEANOR M	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
49-192-5	0.94		BROX ELEANOR M	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
49-206-36	4.60		TALBOT ESTATES HOMEOWNERS	Private	Conservation Restriction	N/A	No	Private	N/A	No	RB	In Perpetuity	N/A	State
50-165-10	0.40		STONE PATRICIA M & KEITH P TRS	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
50-165-12	0.46		STONE PATRICIA M & KEITH P TRS	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
50-165-14	0.46		STONE PATRICIA M & KEITH P TRS	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
50-165-16	0.35		STONE PATRICIA M & KEITH P TRS	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
50-165-17	0.46		STONE PATRICIA M & KEITH P TRS	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
50-165-47	0.98		HOWARD PHYLLIS C TRUSTEE	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
50-165-49	1.10		YERID GEORGE N	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
50-195-2	0.43		GEFTEAS TINA M	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
50-195-10	0.43		LEONE WILLIAM A	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
50-226-9	0.30		SHAUGNESSY KEITH &	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	

MBL	Acres	Name	Ownership	Management Agency	Current Use	Condition	Public Accesses	Public / Private	ADA Accessibility	Recreation Potential	Zoning	Degree of Protection	Type of Public Grant Accepted	Deed Restriction (CR)
50-259-1	0.92		HOWARD PHYLLIS C TRUSTEE	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
50-259-4	0.94		HOWARD PHYLLIS C TRUSTEE	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
51-131-4	1.38		FINNEGAN BLAIR	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
51-131-7	2.15		FINNEGAN BLAIR	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
51-131-9	5.30	Westland Dump	Town	Conservation Commission	Conservation		Yes	Public	N/A	No	RB	In Perpetuity	Unknown	
51-131-12	1.55		KEYC DOROTHY TRUSTEE	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
51-131-16	1.51		KEYC DOROTHY TRUSTEE	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
51-266-2	0.17		FALL FRANCES M &	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
52-140-18	0.48		BUI CUONG	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
52-169-7	6.03	Westlands School (Community Education)	Town	School Department	School		Yes	Public		Yes	RB	None	Unknown	
52-169-11	0.51		PETERSEN KATHLEEN N	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
52-180-1	0.14		DOOLE JOHN T	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
52-184-6	0.23		FLETCHER ERWIN TRUSTEE	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
52-184-10	0.11		FLETCHER ERWIN TRUSTEE	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
52-200-2	0.10		GROOM DARRYL	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
52-203-5	0.39		CARYE RAYMOND A & BARBARA F TS	Private	Vacant Land	N/A	No	Private	N/A		CA	-	N/A	
52-203-6	0.22		MERRILL HELEN M	Private	Vacant Land	N/A	No	Private	N/A		CA	-	N/A	
52-203-14	0.56		ALTID ENTERPRISES LIMITED	Private	Vacant Land	N/A	No	Private	N/A		CA	-	N/A	
52-203-16	0.41		ALTID ENTERPRISES LIMITED PTNR	Private	Vacant Land	N/A	No	Private	N/A		CA	-	N/A	
52-203-18	0.46		CARYE RAYMOND A &	Private	Vacant Land	N/A	No	Private	N/A		CA	-	N/A	
52-210-1	0.15	Intersection Land	Town	Undesignated / Selectmen	Common		Yes	Public	N/A	No	RB	None	Unknown	
52-210-2	0.11	Intersection Land	Town	Undesignated / Selectmen	Vacant Land		Yes	Public	N/A	No	RB	None	Unknown	
52-219-7	0.17		MALAGUTI DAVID A	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
52-231-9	0.59		OBRIEN CAMILLE	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
52-234-1	1.74		CARYE R F & COHEN J	Private	Vacant Land	N/A	No	Private	N/A		IA	-	N/A	
53-187-3	0.34		MASSACHUSETTS ELECTRIC CO	Private	Electric Transmission	N/A	No	Private	N/A		CC	-	N/A	
53-214-1	0.08	Between rail Trail and Rivermeadow Brook	BOSTON & MAINE	Private	Vacant Land	N/A	No	Private	N/A	No	RB	-	N/A	
53-214-2	0.08	Between rail Trail and Rivermeadow Brook	CARYE RAYMOND A	Private	Vacant Land	N/A	No	Private	N/A	No	RB	-	N/A	
53-214-3	0.29	Between rail Trail and Rivermeadow Brook	WANG LABORATORIES INC	Private	Vacant Land	N/A	No	Private	N/A	No	RB	-	N/A	
53-218-1	0.05		BOSTON & MAINE	Private	Vacant Land	N/A	No	Private	N/A	No	RB	-	N/A	

MBL	Acres	Name	Ownership	Management Agency	Current Use	Condition	Public Accesses	Public / Private	ADA Accessibility	Recreation Potential	Zoning	Degree of Protection	Type of Public Grant Accepted	Deed Restriction (CR)
53-218-2	0.03	Tax Lien 2005	Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	RB	None	None	
53-218-3	0.15		DULGARIAN STEPHEN T	Private	Vacant Land	N/A	No	Private	N/A		IA	-	N/A	
53-218-8	0.10		CALSON STEVEN P	Private	Vacant Land	N/A	No	Private	N/A		IA	-	N/A	
53-224-2	4.54		NEW ENGLAND POWERCO	Private	Electric Transmission	N/A	No	Private	N/A		IA	-	N/A	
53-227-1	0.14		SPONHOLTZ MICHAEL J	Private	Vacant Land	N/A	No	Private	N/A		IA	-	N/A	
53-232-7	0.23		AL-HARBI MEFARREH	Private	Vacant Land	N/A	No	Private	N/A		IA	-	N/A	
53-242-6	0.23		MASSACHUSETTS ELECTRIC CO	Private	Electric Transmission	N/A	No	Private	N/A		IA	-	N/A	
54-179-13	0.16		RREEF American REIT III Corp CC	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
54-179-26	0.21		PESTANA WILLIAM &	Private	Vacant Land	N/A	No	Private	N/A		IA	-	N/A	
54-185-2	0.22		BEAUCHESNE LINDA M &	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
54-190-3	0.57		ROBSON RAYMOND F	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
54-202-2	0.23		FENERTY BART T	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
54-209-5	0.11		LEHOULLIER THOMAS &	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
54-209-8	0.13		FREDIANI OLGA D	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
54-212-3	0.11		VALERY ANN-MARIE TRUSTEE	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
54-212-5	0.23		BOISVERT DOROTHY M	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
54-233-2	0.01	Tax Lien 2003	Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	RB	None	None	
54-233-5	0.36		FERREIRA FRANCIS P ETALS	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
54-251-4	0.30		FERREIRA FRANCIS P ETALS	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
54-257-1	0.23		KINNEY GARY C &	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
54-262-1	0.01		Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	IA	None	Unknown	
54-262-3	0.67	Tax Lien 2001	Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	IA	None	None	
55-168-1	3.75		KINTON HELEN	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
55-168-15	10.55		East Chelmsford Water District	East Chelmsford Water District	Aquifer Protection	N/A	No	Public	N/A	No	RB	Limited or None	Unknown	
55-175-1	14.20	Edson Cemetery	City of Lowell	City of Lowell	Athletic Fields	N/A	Yes	Public	N/A	Yes	RB	Limited	Unknown	
55-198-1	0.23		BRUNELLE VICTOR	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
55-198-3	0.03		BRUNELLE VICTOR & COSETTA	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
55-198-7	0.24		MCDONOUGH LAUREN T	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
55-198-8	0.36		PARREIRA FRANCISCO J &	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
55-198-15	0.30		PARREIRA FRANCISCO J &	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
55-207-12	0.09		ALTERNATIVE SUPPORTS INC	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
55-221-18	1.19		MCKENNEDY DENNIS J	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
55-228-6	0.28		KALANTZAKOS MICHAEL	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	

MBL	Acres	Name	Ownership	Management Agency	Current Use	Condition	Public Accesses	Public / Private	ADA Accessibility	Recreation Potential	Zoning	Degree of Protection	Type of Public Grant Accepted	Deed Restriction (CR)
55-245-7	0.11		MALO MARC J &	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
55-250-6	0.16		WALSH DAVID W	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
57-215-9	1.26		HARMAN WILLIAM H III &	Private	Chapter 61B	N/A	No	Private	N/A	Yes	RB	-	N/A	
58-267-11	0.18		YU HANFEI	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
58-267-12	0.09		RAMINI CRAIG A &	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
58-276-1	20.65	Roberts Field	Town	Undesignated / Selectmen	Park		Yes	Public		Yes	RB	None	Unknown	
59-255-22	0.73		JALBERT JUDITH T TRUSTEE	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
59-255-23	1.23		PATENAUDE LEO F &	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
59-269-4	0.33		TAYLOR ELSIE J TRUSTEE	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
59-269-7	0.42		TAYLOR ELSIE J TRUSTEE	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
59-276-14	11.87		Lupien, Albert Jr.	Private	Chapter 61A	N/A	No	Private	N/A	Yes	RB	Temporary	N/A	
59-294-22	0.23		SCHEFFER NORMAN R &	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
60-206-31	7.93		SANBORN JEFFREY S	Private	Chapter 61A	N/A	No	Private	N/A	No	RB	Temporary	N/A	
60-206-81	0.16		CARLISLE EQUITY PARTNERS II, LLC	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
60-206-82	0.26		CARLISLE EQUITY PARTNERS II, LLC	Private	Vacant Land	N/A	No	Private	N/A		RV	-	N/A	
60-206-83	0.34		CARLISLE EQUITY PARTNERS II, LLC	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
60-279-15	0.93		CHOW MING SIU	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
61-165-80	0.34		DUBNER DANIEL W &	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
61-270-8	1.75		LAPORTE ARLINE M &	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
61-288-7	0.13	Tax Lien 1992	Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	RB	None	None	
61-288-9	1.51		RUSSELL EVALYN ETAL	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
62-230-12	0.31		MEDEIROS SHIRLEY S.	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
62-230-14	0.36	Tax Lien 2004	Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	RB	None	None	
62-230-15	0.23		Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	RB	None	Unknown	
62-230-17	0.12		Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	RB	None	Unknown	
62-230-34	0.32	Lot 15	Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	RB	None	Unknown	
62-266-5	0.21		GIANOULIS JULEE R	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
62-270-10	0.60	Tax Lien 1992	Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	RB	None	None	
62-280-14	0.28		GOODALL DAVID P &	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
63-256-5	2.15		KROOK STEVEN E	Private	Vacant Land	N/A	No	Private	N/A		CA	-	N/A	
63-275-1	7.96		CARYE RAYMOND A & BARBARA F	Private	Vacant Land	N/A	No	Private	N/A	No	IA	-	N/A	
63-275-2	1.75		CARYE RAYMOND A & BARBARA F	Private	Vacant Land	N/A	No	Private	N/A	No	RC	-	N/A	
63-275-3	3.25		CARYE RAYMOND A & BARBARA F	Private	Vacant Land	N/A	No	Private	N/A	No	IA	-	N/A	

<u>MBL</u>	<u>Acres</u>	<u>Name</u>	<u>Ownership</u>	<u>Management Agency</u>	<u>Current Use</u>	<u>Condition</u>	<u>Public Accesses</u>	<u>Public / Private</u>	<u>ADA Accessibility</u>	<u>Recreation Potential</u>	<u>Zoning</u>	<u>Degree of Protection</u>	<u>Type of Public Grant Accepted</u>	<u>Deed Restriction (CR)</u>
63-275-13	5.51		CARYE RAYMOND A & BARBARA F	Private	Vacant Land	N/A	No	Private	N/A	No	RC	-	N/A	
63-275-14	0.16	Tax Lien 1959	Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	IA	None	None	
63-275-15	0.37		Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	IA	None	Unknown	
63-275-16	16.00		CARYE RAYMOND A & BARBARA F	Private	Vacant Land	N/A	No	Private	N/A	No	IA	-	N/A	
63-275-17	0.08		Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	IA	None	Unknown	
63-275-18	0.10		Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	IA	None	Unknown	
63-275-20	0.15	Tax Lien 1993	Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	RB	None	None	
63-275-21	0.40		Town	Undesignated / Selectmen	Electric Transmission		No	Public	N/A		IA	None	Unknown	
63-275-22	0.15		Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A		IA	None	Unknown	
63-275-23	0.32		Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A		IA	None	Unknown	
63-275-25	0.37		Chelmsford Water District	Chelmsford Water District	Electric Transmission	N/A	No	Public	N/A	No	IA	Limited or None	Unknown	
63-275-26	0.31		Chelmsford Water District	Chelmsford Water District	Aquifer Protection	N/A	No	Public	N/A	No	IA	Limited or None	Unknown	
63-275-27	0.48		Chelmsford Water District	Chelmsford Water District	Aquifer Protection	N/A	No	Public	N/A	No	IA	Limited or None	Unknown	
63-275-28	0.33		Chelmsford Water District	Chelmsford Water District	Aquifer Protection	N/A	No	Public	N/A	No	IA	Limited or None	Unknown	
64-275-1	7.00	Tax Lien 2004	Town	Undesignated / Selectmen	Electric Transmission		No	Public	N/A		IA	None	None	
64-275-2	0.60		CARYE RAYMOND A & BARBARA F	Private	Electric Transmission	N/A	No	Private	N/A		IA	-	N/A	
64-275-3	2.03		CARYE RAYMOND A & BARBARA F	Private	Vacant Land	N/A	No	Private	N/A	No	IA	-	N/A	
64-275-5	5.00		BTI 199-201 RIVERNECK LP	Private	Vacant Land	N/A	No	Private	N/A		IA	-	N/A	
64-275-10	0.07		Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A		IA	None	Unknown	
64-275-11	0.12		CLARKE JOHN T	Private	Electric Transmission	N/A	No	Private	N/A		RC	-	N/A	
64-275-12	0.08		Town	Undesignated / Selectmen	Electric Transmission		No	Public	N/A		IA	None	Unknown	
64-275-13	0.12		Town	Undesignated / Selectmen	Electric Transmission		No	Public	N/A		IA	None	Unknown	
64-275-14	0.14		Town	Undesignated / Selectmen	Electric Transmission		No	Public	N/A		IA	None	Unknown	
64-275-15	0.16	Tax Lien 1959	Town	Undesignated / Selectmen	Electric Transmission		No	Public	N/A		IA	None	None	
64-275-20	0.16		Chelmsford Water District	Chelmsford Water District	Aquifer Protection	N/A	No	Public	N/A		IA	Limited or None	Unknown	
64-275-21	0.16		CLARKE JOHN T	Private	Vacant Land	N/A	No	Private	N/A		RC	-	N/A	

MBL	Acres	Name	Ownership	Management Agency	Current Use	Condition	Public Accesses	Public / Private	ADA Accessibility	Recreation Potential	Zoning	Degree of Protection	Type of Public Grant Accepted	Deed Restriction (CR)
64-275-23	0.33		Chelmsford Water District	Chelmsford Water District	Water District Facility	N/A	No	Public	N/A	No	IA	Limited or None	Unknown	
64-275-26	0.33		Chelmsford Water District	Chelmsford Water District	Water District Facility	N/A	No	Public	N/A	No	IA	Limited or None	Unknown	
64-275-31	0.16		Chelmsford Water District	Chelmsford Water District	Water District Facility	N/A	No	Public	N/A	No	RB	Limited or None	Unknown	
64-275-32	0.57		Chelmsford Water District	Chelmsford Water District	Water District Facility	N/A	No	Public	N/A	No	P / IA	Limited or None	Unknown	
64-275-33	0.15		Chelmsford Water District	Chelmsford Water District	Vacant Land	N/A	No	Public	N/A		RB	Limited or None	Unknown	
64-283-1	14.84	Riverneck Rd Triangle	Town	Conservation Commission	Conservation		Yes	Public	N/A	No	IA	In Perpetuity	Unknown	
65-257-1	7.75	St. Joseph Cemetery	Roman Catholic Arch of Boston	Private	Vacant Land	N/A	No	Private	N/A	No	IS / RB	-	N/A	
65-257-2	0.36		FERREIRA LAWRENCE J	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
65-262-3	0.70		TAYLOR HOWARD & ETALS	Private	Vacant Land	N/A	No	Private	N/A		IA	-	N/A	
65-271-4	57.00	St. Joseph Cemetery	OMI Rufus Whitley ETALS	Private	Cemetery	N/A	No	Private	N/A	No	RB	Limited	N/A	
65-271-5	0.31		KLEIN MICHAEL J &	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
65-271-13	9.25	Middlesex Canal	Town	Conservation Commission	Conservation		Yes	Public	N/A	No	IA	In Perpetuity	Unknown	
66-250-2	2.53	East School	Town	Undesignated / Selectmen	Park		Yes	Public		Yes	RB	Limited or None	Unknown	
66-250-8	0.20		DALEY ROBERT C	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
66-268-48	0.34		GONSALVES ISABELLE	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
67-168-3	0.54		PELKEY CHRISTINE N &	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
67-168-9	1.60		Town	Conservation Commission	Conservation		Yes	Public	N/A	No	RB	In Perpetuity	Unknown	
67-168-10	1.03		LECLAIR ALFRED A	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
67-168-12	2.72		R.J.PARE INC	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
68-293-2	0.60		WESTFORD TOWN OF	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
68-314-11	3.49		SWIFT TERRIN TR	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
69-309-14	0.12		Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A		RB	None	Unknown	
70-294-21	3.35	Crabapple Ln	Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	RB	None	Unknown	
70-306-2	0.08		DUMANIAN LUCY TRUSTEE	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
70-306-3	0.08		Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	RB	None	Unknown	
70-311-9	1.51		CHELMSFORD PINE HILL ESTATE INC	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
71-306-17	0.64		Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	RB	None	Unknown	
71-311-6	0.96		Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	RB	None	Unknown	
71-317-4	2.30		DONOVAN JOHN E TRUSTEE	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
72-308-5	0.17		MCLACHLAN VIVIEN M D	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	

MBL	Acres	Name	Ownership	Management Agency	Current Use	Condition	Public Access	Public / Private	ADA Accessibility	Recreation Potential	Zoning	Degree of Protection	Type of Public Grant Accepted	Deed Restriction (CR)
72-320-10	0.29		SCHULZ PETER C &	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
72-320-11	0.67		THORSTENSEN THOMAS C	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
72-320-14	13.72		Bridge St Realty Trust	Private	Chapter 61	N/A	No	Private	N/A	Yes	RB	Temporary	N/A	
72-320-40	1.53		ALEXANDRIA WAY, LLC	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
72-323-1	0.10	Worthen & Westford Triangle	Town	Undesignated / Selectmen	Common		Yes	Public	N/A	No	RB	None	Unknown	
73-289-2	6.15	Ball Fields	Town	Undesignated / Selectmen	Athletic Fields		Yes	Public		Yes	RB	None	Unknown	
73-289-3	3.30	Center School	Town	School Department	Athletic Fields		Yes	Public		Yes	RB	None	Unknown	
73-289-4	8.10	See Center School	Town	Undesignated / Selectmen	Park		Yes	Public	N/A	Yes	RB	None	Unknown	
73-289-5	8.69	Town Offices / McFarlin Fields	Town	Selectmen	Town Facility		Yes	Public		Yes	RB	None	Unknown	
73-295-5	0.51	Tax Taking 1980	Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	RB	None	None	
73-313-1	0.04		Town	Undesignated / Selectmen	Common		No	Public	N/A	No	RB	None	Unknown	
73-315-3	0.99		CURRIE CORPORATION	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
73-320-2	5.00	Forefathers Burying Ground	Town	Cemetery Commission	Cemetery		Yes	Public	N/A	No	RB	Limited	Unknown	
73-326-10	0.23	Tax Lien 1984	Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	RC	None	None	
73-330-1	1.00	Town Common	Town	Undesignated / Selectmen	Common		Yes	Public		No	P	Limited	Unknown	
74-275-1	15.06		Chelmsford Water District	Chelmsford Water District	Water District Facility	N/A	No	Public	N/A	No	IAR	Limited or None	Unknown	
74-275-3	8.00		PRINCETON RIVERMEADOW LLC	Private	Vacant Land	N/A	No	Private	N/A		IA/RB	-	N/A	
74-275-4	7.00		CORMIER YVON CONS CORP	Private	Vacant Land	N/A	No	Private	N/A	No	RC	-	N/A	
74-275-33	0.56		BURNHAM JOHN E TRUSTEE	Private	Vacant Land	N/A	No	Private	N/A	No	RB	-	N/A	
74-289-8	0.58		KNOWLES RAYMOND F JR &	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
74-289-10	2.10		Town	School Department	Vacant Land		Yes	Public	N/A	Yes	RB	None	Unknown	
74-289-11	6.30	Center School	Town	School Department	School		Yes	Public		Yes	RB	None	Unknown	
74-289-14	0.33		Town	School Department	Vacant Land		Yes	Public	N/A	No	RB	None	Unknown	
74-291-1	27.00	Pine Ridge Cemetery	Town	Cemetery Commission	Cemetery		Yes	Public	N/A	No	RB	Limited	Unknown	
74-324-6	0.41		WOODHEAD FRANK A &	Private	Vacant Land	N/A	No	Private	N/A		RC	-	N/A	
74-325-1	0.26		Town	Undesignated / Selectmen	Common		Yes	Public	N/A	No	RC	None	Unknown	
74-326-5	0.48		FERREIRA CHARLES	Private	Vacant Land	N/A	No	Private	N/A		RC	-	N/A	
74-328-2	3.30		PLACE ROBIN L	Private	Vacant Land	N/A	No	Private	N/A	No	IA	-	N/A	
74-328-2	3.32		PLACE ROBIN L	Private	Vacant Land	N/A	No	Private	N/A		IA	-	N/A	

<u>MBL</u>	<u>Acres</u>	<u>Name</u>	<u>Ownership</u>	<u>Management Agency</u>	<u>Current Use</u>	<u>Condition</u>	<u>Public Access</u>	<u>Public / Private</u>	<u>ADA Accessibility</u>	<u>Recreation Potential</u>	<u>Zoning</u>	<u>Degree of Protection</u>	<u>Type of Public Grant Accepted</u>	<u>Deed Restriction (CR)</u>
74-328-4	1.00		CARYE RAYMOND A & BARBARA F	Private	Vacant Land	N/A	No	Private	N/A		IA	-	N/A	
75-275-2	2.50		Chelmsford Water District	Chelmsford Water District	Aquifer Protection	N/A	No	Public	N/A	No	RB	Limited or None	Unknown	
75-291-17	0.35	Tax Lien 1982	Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	IA	None	None	
75-291-20	0.29		Town	Cemetery Commission	Vacant Land		Yes	Public	N/A	No	RB	Limited	Unknown	
75-291-27	0.12		Town	Cemetery Commission	Vacant Land		Yes	Public	N/A		IA	Limited	Unknown	
75-291-28	0.11		GRAHAM CHRISTOPHER	Private	Vacant Land	N/A	No	Private	N/A		IA	-	N/A	
75-291-30	0.18		Town	Cemetery Commission	Vacant Land		Yes	Public	N/A		IA	Limited	Unknown	
75-291-32	0.11		GRAHAM CHRISTOPHER	Private	Vacant Land	N/A	No	Private	N/A		IA	-	N/A	
75-291-33	0.06	Tax Lien 1959	Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A		RB	None	None	
76-271-1	6.10		East Chelmsford Water District	East Chelmsford Water District	Aquifer Protection	N/A	No	Public	N/A	No	IA	Limited or None	Unknown	
76-271-2	15.80		East Chelmsford Water District	East Chelmsford Water District	Water District Facility	N/A	No	Public	N/A	No	IA	Limited or None	Unknown	
76-271-3	17.00	Former Racetrack	St Josephs Cemetery	Private	Vacant Land	N/A	No	Private	N/A	No	IA	-	N/A	
76-271-6	1.26		MASCESTER COMPANY INC	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
76-271-7	11.60	St. Joseph Cemetery	St Josephs Cemetery	Private	Cemetery	N/A	No	Private	N/A	No	IA	Limited	N/A	
76-271-8	41.26		MASCESTER COMPANY INC	Private	Vacant Land	N/A	No	Private	N/A		IA	-	N/A	
76-271-10	1.40		East Chelmsford Water District	East Chelmsford Water District	Aquifer Protection	N/A	No	Public	N/A	No	IA	Limited or None	Unknown	
76-271-11	6.20	St. Joseph Cemetery	St Josephs Cemetery	Private	Vacant Land	N/A	No	Private	N/A	No	RB	-	N/A	
77-268-5	1.80		EASTMAN GEORGE V	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
77-271-1	1.09		LAWRENCE BARBARA BROOKS	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
77-271-10	0.92		MASCESTER COMPANY INC	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
77-271-11	0.93		MASCESTER COMPANY INC	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
77-271-13	0.95		MASCESTER COMPANY INC	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
77-271-15	1.58		MASCESTER COMPANY INC	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
77-271-17	1.05		MASCESTER COMPANY INC	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
77-271-22	0.73		COLONIAL GAS CO	Private	Vacant Land	N/A	No	Private	N/A	No	RB	-	N/A	
77-271-23	1.46		MASCESTER COMPANY INC	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
77-307-1	1.00		DAILEY GEORGE E	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
77-307-13	7.77		WRIGHT HARRY C	Private	Vacant Land	N/A	No	Private	N/A	No	RB	-	N/A	

MBL	Acres	Name	Ownership	Management Agency	Current Use	Condition	Public Accesses	Public / Private	ADA Accessibility	Recreation Potential	Zoning	Degree of Protection	Type of Public Grant Accepted	Deed Restriction (CR)
77-307-14	5.30		CHELMSFORD ALLIANCE FOR EDUCA	Private	Vacant Land	N/A	No	Private	N/A	No	RB	-	N/A	
77-307-15	0.06		Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A		RB	None	Unknown	
77-307-17	4.47		EMANOUIL ENTERPRISES LLC	Private	Private	N/A	No	Private	N/A	No	RB	-	N/A	
77-307-18	8.25		WRIGHT HARRY C &	Single Family Home	Private	N/A	No	Private	N/A	No	RB	N/A	N/A	
78-168-3	0.15		MENDONCA DEBORAH L	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
78-307-3	0.20		WALLS CHARLES G &	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
81-316-7	0.05		Parlee, Henry G Jr.	Private	Chapter 61A	N/A	No	Private	N/A	No	RB	Temporary	N/A	
81-316-8	1.89		Parlee, Henry G Jr.	Private	Chapter 61A	N/A	No	Private	N/A	No	RB	Temporary	N/A	
81-321-1	41.16		HENNESSY MARJORIE R	Private	Chapter 61	N/A	No	Private	N/A	Yes	RB	Temporary	N/A	
81-321-17	8.19		Parlee, Henry G Jr.	Private	Chapter 61A	N/A	No	Private	N/A	Yes	RB	Temporary	N/A	
81-321-35	15.00		Parlee, Henry G Jr.	Private	Chapter 61A	N/A	No	Private	N/A	Yes	RB	Temporary	N/A	
81-321-44	3.37		Parlee, Henry G Jr.	Private	Chapter 61A	N/A	No	Private	N/A	Yes	RB	Temporary	N/A	
81-321-45	0.12		Parlee, Henry G Jr.	Private	Chapter 61A	N/A	No	Private	N/A	No	RB	Temporary	N/A	
81-321-46	2.76		Parlee, Henry G Jr.	Private	Chapter 61A	N/A	No	Private	N/A	No	RB	Temporary	N/A	
82-316-14	2.20		TAMBO WILLIAM & JOSEPHINE TRS	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
82-320-1	26.23	Lime Quarry Reservation	Town	Conservation Commission	Conservation		Yes	Public		Yes	RB	In Perpetuity	Unknown	
82-337-4	0.68	Lime Quarry Reservation	Town	Conservation Commission	Conservation		Yes	Public		Yes	RB	In Perpetuity	Unknown	
83-320-1	25.10	Lime Quarry Reservation	Town	Conservation Commission	Conservation		Yes	Public		Yes	RB	In Perpetuity	Unknown	
83-320-6	0.26		RICHARDS MATHEW S	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
83-320-11	0.45		TONKS GERALD D & ROBERTA J TRS	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
83-320-33	1.50		PEARSON RICHARD P &	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
83-320-36	6.09	Lime Quarry Reservation	Town	Conservation Commission	Conservation		Yes	Public		Yes	RB	In Perpetuity	Unknown	
83-336-1	10.07	Bartlett Woodlot	Chelmsford Land Con TR Inc.	Chelmsford Land Con TR Inc.	Conservation	N/A	Yes	Private	N/A		RB	In Perpetuity	Unknown	
83-336-2	0.36	Bartlett Woodlot	Chelmsford Land Con TR Inc.	Chelmsford Land Con TR Inc.	Conservation	N/A	Yes	Private	N/A		RB	In Perpetuity	Unknown	
83-337-10	0.57		AKERMAN WILLIAM Y JR &	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
83-337-15	1.94	Miriam E. Warren Wetlands Preserve	Chelmsford Land Con TR Inc.	Chelmsford Land Con TR Inc.	Conservation	N/A	Yes	Private	N/A		RB	In Perpetuity	Unknown	
83-337-16	0.33	Miriam E. Warren Wetlands Preserve	Chelmsford Land Con TR Inc.	Chelmsford Land Con TR Inc.	Conservation	N/A	Yes	Private	N/A		RB	In Perpetuity	Unknown	
83-337-17	0.74	Miriam E. Warren Wetlands Preserve	Chelmsford Land Con TR Inc.	Chelmsford Land Con TR Inc.	Conservation	N/A	Yes	Private	N/A		RB	In Perpetuity	Unknown	
83-337-18	0.93		LAPORTE ARLINE M	Private	Vacant Land	N/A	No	Private	N/A	No	RB	-	N/A	
83-337-19	4.10		Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	RB	None	Unknown	

MBL	Acres	Name	Ownership	Management Agency	Current Use	Condition	Public Accesses	Public / Private	ADA Accessibility	Recreation Potential	Zoning	Degree of Protection	Type of Public Grant Accepted	Deed Restriction (CR)
84-333-6	0.07		GIOUMBAKIS JOHN H	Private	Vacant Land	N/A	No	Private	N/A		RC	-	N/A	
84-333-7	0.08		MACELROY LEONARD S	Private	Vacant Land	N/A	No	Private	N/A		RC	-	N/A	
84-333-10	0.16		TWOMBLY KEVIN D &	Private	Vacant Land	N/A	No	Private	N/A		RC	-	N/A	
84-334-3	0.72	Tax Lien 1993	Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	RC	None	None	
84-334-7	2.06		MACELROY LEONARD S.	Private	Vacant Land	N/A	No	Private	N/A		RC	-	N/A	
84-338-1	0.07	Central Square	Town	Undesignated / Selectmen	Common		Yes	Public	N/A	No	CV	None	Unknown	
84-343-1	3.25	Bartlett Park	Chelmsford Land Con TR Inc.	Chelmsford Land Con TR Inc.	Conservation	N/A	Yes	Private	N/A		RB	In Perpetuity	Unknown	
84-346-1	0.02	Adams & Bartlet St Triangle	Town	Undesignated / Selectmen	Common		Yes	Public	N/A	No	RB	None	Unknown	
84-348-3	0.37		GERENZ PETER A	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
84-349-1	0.03	Adams & Boston Rd Traingle	Town	Undesignated / Selectmen	Common		Yes	Public	N/A	No	RB	None	Unknown	
84-359-3	0.13		WRIGHT JEFFORY S	Private	Vacant Land	N/A	No	Private	N/A		RC	-	N/A	
84-359-5	0.09		FABBRI EDWARD	Private	Vacant Land	N/A	No	Private	N/A		RC	-	N/A	
85-324-12	2.14		Chelmsford Water District	Chelmsford Water District	Electric Transmission	N/A	No	Public	N/A	No	RB	Limited or None	Unknown	
85-324-20	2.25		Chelmsford Water District	Chelmsford Water District	Aquifer Protection	N/A	No	Public	N/A	No	RB	Limited or None	Unknown	
85-324-25	2.03		Chelmsford Water District	Chelmsford Water District	Aquifer Protection	N/A	No	Public	N/A	No	RB	Limited or None	Unknown	
85-324-30	0.51	Lot 14	Town	Conservation Commission	Conservation		Yes	Public	N/A	No	RC	In Perpetuity	Unknown	
85-324-35	0.78	Lot 15	Town	Conservation Commission	Conservation		Yes	Public	N/A	No	RC	In Perpetuity	Unknown	
85-324-44	0.85	Lot 16	Town	Conservation Commission	Conservation		Yes	Public	N/A	No	RC	In Perpetuity	Unknown	
85-324-51	1.01	Lot 17	Town	Conservation Commission	Conservation		Yes	Public	N/A	No	RC	In Perpetuity	Unknown	
85-333-4	1.30		NORTH COMMERCIAL INC	Private	Vacant Land	N/A	No	Private	N/A		RC	-	N/A	
85-354-11	0.36		ROBERTS HOMES INC	Private	Electric Transmission	N/A	No	Private	N/A		RB	-	N/A	
86-328-1	1.91		ALTID ENTERPRISES LLC	Private	Vacant Land	N/A	No	Private	N/A		IA	-	N/A	
86-328-4	0.29		LOSPENNATO FRANK H	Private	Vacant Land	N/A	No	Private	N/A		IA	-	N/A	
86-328-7	0.18		CARYE RAYMOND A & BARBARA TRS	Private	Vacant Land	N/A	No	Private	N/A		IA	-	N/A	
86-328-12	7.40		CARYE RAYMOND A & BARBARA TRS	Private	Vacant Land	N/A	No	Private	N/A		IA	-	N/A	
86-328-17	3.77		CARYE RAYMOND A & BARBARA F	Private	Vacant Land	N/A	No	Private	N/A		IA	-	N/A	
86-328-18	1.00		ALPHA ROAD LLC	Private	Vacant Land	N/A	No	Private	N/A		IA	-	N/A	
86-328-21	8.93		ALTID ENTERPRISES LLC	Private	Vacant Land	N/A	No	Private	N/A		IA	-	N/A	
86-328-27	0.07		CARYE RAYMOND A &	Private	Vacant Land	N/A	No	Private	N/A		IA	-	N/A	
86-328-28	0.07		CARYE RAYMOND A &	Private	Vacant Land	N/A	No	Private	N/A		IA	-	N/A	
86-328-30	0.55		ALTID ENTERPRISES LIMITED PART	Private	Vacant Land	N/A	No	Private	N/A		IA	-	N/A	

MBL	Acres	Name	Ownership	Management Agency	Current Use	Condition	Public Accesses	Public / Private	ADA Accessibility	Recreation Potential	Zoning	Degree of Protection	Type of Public Grant Accepted	Deed Restriction (CR)
86-328-34	0.01	Tax lien 2005	Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	IA	None	None	
86-328-36	0.21		COMET PRODUCTS INC	Private	Vacant Land	N/A	No	Private	N/A		IA	-	N/A	
86-328-37	0.71		CUPS (DE) LP	Private	Vacant Land	N/A	No	Private	N/A		IA	-	N/A	
87-271-1	27.64	Rte 3 Layout / Mitigation	State	MassDOT	Aquifer Protection	N/A	No	Public	N/A	No	IA	In Perpetuity	Unknown	
87-271-2	1.38		Chelmsford Water District	Chelmsford Water District	Aquifer Protection	N/A	No	Public	N/A	No	IA	Limited or None	Unknown	
87-271-3	21.70		Chelmsford Water District	Chelmsford Water District	Aquifer Protection	N/A	No	Public	N/A	No	IA	Limited or None	Unknown	
87-271-4	6.00	Small Pumping Station	Chelmsford Water District	Chelmsford Water District	Aquifer Protection	N/A	No	Public	N/A	No	IA	Limited or None	Unknown	
87-271-6	7.91	Rte 3 Layout / Mitigation	State	MassDOT	Aquifer Protection	N/A	No	Public	N/A	No	IA	In Perpetuity	Unknown	
87-271-7	2.10		NEW ENGLAND POWERCO	Private	Electric Transmission	N/A	No	Private	N/A	No	IA	-	N/A	
87-271-8	1.35		Chelmsford Water District	Chelmsford Water District	Aquifer Protection	N/A	No	Public	N/A	No	IA	Limited or None	Unknown	
87-271-9	6.92		RANDALL THOMAS H III &	Private	Vacant Land	N/A	No	Private	N/A	No	IA	-	N/A	
87-271-10	1.74		Chelmsford Water District	Chelmsford Water District	Aquifer Protection	N/A	No	Public	N/A	No	IA	Limited or None	Unknown	
87-271-11	0.43		Chelmsford Water District	Chelmsford Water District	Aquifer Protection	N/A	No	Public	N/A	No	IA	Limited or None	Unknown	
87-271-12	20.47	Middlesex Canal	Town	Conservation Commission	Conservation		Yes	Public	N/A	No	IA	In Perpetuity	Unknown	
88-271-1	2.50		Chelmsford Water District	Chelmsford Water District	Aquifer Protection	N/A	No	Public	N/A	No	IA	Limited or None	Unknown	
88-271-3	9.59		PAREKH NALINIKANT	Private	Vacant Land	N/A	No	Private	N/A	No	IA	-	N/A	
88-271-6	5.50	Tax lien 1993	Town	Undesignated / Selectmen	Electric Transmission		No	Public	N/A	No	IA	None	None	
88-271-7	10.00		NEW ENGLAND POWERCO	Private	Electric Transmission	N/A	No	Private	N/A	No	IA	-	N/A	
88-307-8	3.02		NEW ENGLAND POWERCO	Private	Electric Transmission	N/A	No	Private	N/A		IA	-	N/A	
90-362-3	2.84		CHIANIS JULIA C	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
90-370-11	1.14		JANIS ROBERT M	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
90-370-20	1.00		SHEEHAN ANDREW F	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
91-321-1	25.20		KOULAS CONSTANTO M	Single Family Home	Private	N/A	No	Private	N/A	Yes	RB	N/A	N/A	
91-321-2	2.33		Parlee, Henry G Jr.	Private	Chapter 61A	N/A	No	Private	N/A	No	RB	Temporary	N/A	
91-362-5	6.50		KOULAS CONSTANTO M	Private	Vacant Land	N/A	No	Private	N/A	No	RB	-	N/A	
91-362-12	0.19		VROUHAS SPIRO	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
91-378-3	6.66		KOULAS THOMAS M	Private	Vacant Land	N/A	No	Private	N/A		IA	-	N/A	
91-378-4	3.55		KOULAS CONSTANTO M	Private	Vacant Land	N/A	No	Private	N/A		IA	-	N/A	
91-378-14	0.22		VROUHAS SPIRO	Private	Vacant Land	N/A	No	Private	N/A		IA	-	N/A	
91-378-15	0.92		VROUHAS SPIRO	Private	Vacant Land	N/A	No	Private	N/A		CB	-	N/A	
91-378-16	0.41		KENSINGTON AT CHELMSFORD LLC	Private	Vacant Land	N/A	No	Private	N/A		CB	-	N/A	
92-336-3	9.00	Bovey Memorial Woodlot	Chelmsford Land Con TR Inc.	Chelmsford Land Con TR	Conservation	N/A	Yes	Private	N/A	Yes	RB	In Perpetuity	Unknown	

MBL	Acres	Name	Ownership	Management Agency	Current Use	Condition	Public Accesses	Public / Private	ADA Accessibility	Recreation Potential	Zoning	Degree of Protection	Type of Public Grant Accepted	Deed Restriction (CR)
				Inc.										
92-337-1	6.27	Lime Quarry Reservation	Town	Conservation Commission	Conservation		Yes	Public		No	RB	In Perpetuity	Unknown	
92-337-2	0.72	Tax Lien 2004	Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	RB	None	None	
92-337-3	4.40		AGARWAL SATY K	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
92-337-5	2.12		DUTTON LEWIS A & VIRGINIA L	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
92-383-1	1.15	McDermott / Bovey Woodlot	Chelmsford Land Con TR Inc.	Chelmsford Land Con TR Inc.	Conservation	N/A	Yes	Private	N/A	No	RB	In Perpetuity	Unknown	
92-383-2	0.71	McDermott / Bovey Woodlot	Chelmsford Land Con TR Inc.	Chelmsford Land Con TR Inc.	Conservation	N/A	Yes	Private	N/A	No	RB	In Perpetuity	Unknown	
92-383-7	0.93	McDermott / Bovey Woodlot	Chelmsford Land Con TR Inc.	Chelmsford Land Con TR Inc.	Conservation	N/A	Yes	Private	N/A	No	RB	In Perpetuity	Unknown	
92-383-18	0.91		DUTTON LEWIS A & VIRGINIA L	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
92-393-1	1.49		DUTTON LEWIS A & VIRGINIA L	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
93-348-8	0.46		POHL MARTHA L	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
93-348-9	0.46		POHL MARTHA L &	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
93-357-1	1.03		EGAN ROBERT G	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
93-357-20	1.31		SANSONE IGNATIUS P	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
93-357-28	0.47		DORMAN SCOTT R &	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
93-357-29	3.75		WEEKS BLANCHE D	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
93-357-31	1.15		DESMARAIS ROBERT J	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
93-357-32	1.83		Chelmsford Water District	Chelmsford Water District	Vacant Land	N/A	No	Public	N/A	Yes	RB	In Perpetuity	Unknown	
93-357-38	0.08		Chelmsford Water District	Chelmsford Water District	Vacant Land	N/A	No	Public	N/A	No	RB	Limited or None	Unknown	
93-357-41	0.08		Chelmsford Water District	Chelmsford Water District	Vacant Land	N/A	No	Public	N/A	No	RB	Limited or None	Unknown	
93-380-9	2.62		Chelmsford Water District	Chelmsford Water District	Vacant Land	N/A	No	Public	N/A	Yes	RB	In Perpetuity	Unknown	
93-380-18	0.21		Chelmsford Water District	Chelmsford Water District	Vacant Land	N/A	No	Public	N/A	No	RB	Limited or None	Unknown	
94-348-10	4.77		HELMAN IRVING J ETAL TR	Private	Vacant Land	N/A	No	Private	N/A	No	RB	-	N/A	
94-348-14	53.32		Pohl, Martha L. & David C	Private	Chapter 61A	N/A	No	Private	N/A	Yes	RB	Temporary	N/A	
94-348-23	0.43		POLITI JUSTIN W &	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
94-359-2	0.19		FABBRI EDWARD	Private	Vacant Land	N/A	No	Private	N/A		RC	-	N/A	
94-359-4	0.08	Tax Lien 1994	Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	RC	None	None	
94-359-5	0.09		MONAHAN TIMOTHY &	Private	Vacant Land	N/A	No	Private	N/A		RC	-	N/A	
94-368-12	12.74	Archer Meadowbrook Preserve	Chelmsford Land Con TR Inc.	Chelmsford Land Con TR Inc.	Conservation	N/A	Yes	Private	N/A	No	RB	In Perpetuity	Unknown	

MBL	Acres	Name	Ownership	Management Agency	Current Use	Condition	Public Accesses	Public / Private	ADA Accessibility	Recreation Potential	Zoning	Degree of Protection	Type of Public Grant Accepted	Deed Restriction (CR)
94-386-1	0.13		Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	RB	None	Unknown	
95-367-8	0.65		RUSZKOWSKI JOSEPH G	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
95-368-1	17.29		Chelmsford Water District	Chelmsford Water District	Aquifer Protection	N/A	No	Public	N/A	No	RCR	Limited or None	Unknown	
95-368-11	0.67		Town	Conservation Commission	Conservation		Yes	Public	N/A	No	RB	In Perpetuity	Unknown	
95-368-12	0.58		Town	Conservation Commission	Conservation		Yes	Public	N/A	No	RB	In Perpetuity	Unknown	
95-368-19	0.14		HERRMANN CARL F &	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
95-368-46	2.15		Town	Conservation Commission	Conservation		Yes	Public	N/A	No	RB	In Perpetuity	Unknown	
96-328-12	4.63		NEW ENGLAND POWERCO	Private	Electric Transmission	N/A	No	Private	N/A		IA	-	N/A	
96-328-15	5.35		MASSACHUSETTS ELECTRIC CO	Private	Electric Transmission	N/A	No	Private	N/A		IA	-	N/A	
96-376-16	0.08		CHILTON WAYNE &	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
96-376-18	0.08		GORDON DAVID S &	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
96-387-9	0.53		GADBOIS STEPHEN	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
97-271-1	9.98		NEW ENGLAND POWERCO	Private	Electric Transmission	N/A	No	Private	N/A	No	IA	-	N/A	
97-271-2	1.26	Middlesex Canal	Town	Conservation Commission	Electric Transmission		Yes	Public	N/A	No	IA	In Perpetuity	Unknown	
97-271-3	1.71		NEW ENGLAND POWERCO	Private	Electric Transmission	N/A	No	Private	N/A	No	IA	-	N/A	
97-271-4	1.22		MCKAY MARIE TRUSTEE OF	Private	Vacant Land	N/A	No	Private	N/A	No	IA	-	N/A	
97-328-3	7.04		NEW ENGLAND POWERCO	Private	Electric Transmission	N/A	No	Private	N/A		IA	-	N/A	
97-328-4	2.95		NEW ENGLAND POWERCOMPANY	Private	Electric Transmission	N/A	No	Private	N/A		IA	-	N/A	
97-328-10	0.41		MCCRENSKY ROBERT L &	Private	Vacant Land	N/A	No	Private	N/A		IA	-	N/A	
97-328-11	1.67		FUCHS LOTHAR U ETUX	Private	Vacant Land	N/A	No	Private	N/A		IA	-	N/A	
97-372-1	1.72		DIRECT INVEST-5 OMNI WY LLC ETALS	Private	Vacant Land	N/A	No	Private	N/A		IA	-	N/A	
97-379-1	0.51		NEW ENGLAND POWERCO	Private	Electric Transmission	N/A	No	Private	N/A		IA	-	N/A	
97-388-1	1.05		MCKAY MARIE E TRUSTEE	Private	Vacant Land	N/A	No	Private	N/A		IA	-	N/A	
98-271-1	9.27		VISNIESKI ANTHONY	Private	Vacant Land	N/A	No	Private	N/A	No	IA	-	N/A	
98-271-2	8.00		State	Umass Lowell	Private	N/A	No	Public	N/A	No	IA	None	Unknown	
99-370-1	29.68		Sheehan, Andrew	Private	Chapter 61A	N/A	No	Private	N/A	Yes	RB	Temporary	N/A	
99-370-2	1.17		SHEEHAN ANDREW F	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
99-403-11	4.93		CHELMSFORD 110 HOLDINGS LLC	Private	Vacant Land	N/A	No	Private	N/A		IA	-	N/A	
99-409-11	0.13		BUCHAN ROBERT	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
99-409-13	0.22		OKVIST JAMES P	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
99-409-15	2.25		FORCIER RITA D	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
100-378-8	0.92		VROUHAS SPIRO	Private	Vacant Land	N/A	No	Private	N/A		CB	-	N/A	

MBL	Acres	Name	Ownership	Management Agency	Current Use	Condition	Public Accesses	Public / Private	ADA Accessibility	Recreation Potential	Zoning	Degree of Protection	Type of Public Grant Accepted	Deed Restriction (CR)
100-389-1	0.90		TUCKER JOHN M &	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
100-389-13	1.87		FERREIRA NORBERT M	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
100-403-9	3.37		AGGREGATE INDUSTRIES /	Private	Vacant Land	N/A	No	Private	N/A		IA	-	N/A	
101-357-4	0.98		MARCHAND GARY J	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
101-357-23	0.39		FALLGREN GUSTAVE H	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
101-357-25	5.35		RICHARDS BARBARA J	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
101-393-15	0.95		FARMER KAREN M TRUSTEE	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
102-348-2	1.75		SPANOS JOHN	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
102-348-8	0.29		POHL MARTHA L & DAVID C	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
102-357-1	8.23	Robin Hill Reservation	Town	Conservation Commission	Conservation		Yes	Public	N/A	Yes	RB	In Perpetuity	Unknown	
102-357-6	11.73	Robin Hill Reservation	Town	Conservation Commission	Conservation		Yes	Public	N/A	Yes	RB	In Perpetuity	Unknown	
102-357-8	2.32	Robin Hill Reservation	Town	Conservation Commission	Conservation		Yes	Public	N/A	Yes	RB	In Perpetuity	Unknown	
102-357-9	8.85	Robin Hill Reservation	Town	Conservation Commission	Conservation		Yes	Public	N/A	Yes	RB	In Perpetuity	Unknown	
102-357-16	1.89	Robin Hill Reservation	Town	Conservation Commission	Conservation		Yes	Public	N/A	Yes	RB	In Perpetuity	Unknown	
102-357-17	0.13		CHELMSFORD CHILDRENS SCHOOL	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
102-401-7	0.31		LARRIMORE RICHARD C	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
102-410-3	30.74	George B.B. Wright Reservation	Town	Conservation Commission	Conservation		Yes	Public		Yes	RB	In Perpetuity	Unknown	
102-410-4	0.14		SPANOS VASILIOS TRUSTEES	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
102-410-6	0.24		SPANOS CONSTANTINE	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
103-386-2	0.52		HAGGERTY JUDITH V	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
103-386-4	0.68	Tax Lien 1987	Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	RB	None	None	
103-386-6	0.72	Tax Lien 1987	Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	RB	None	None	
103-386-7	0.75	Tax Lien 1987	Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	RB	None	None	
103-386-9	0.87	Tax Lien 1987	Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	RB	None	None	
103-386-13	0.88	Tax Lien 1985	Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	RB	None	None	
103-395-1	0.30		HARRINGTON JOHN G	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
103-395-15	0.99		HARRINGTON J DENNIS	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
103-399-2	0.38	Tax Lien 1987	Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	RB	None	None	
103-399-3	0.31	Tax Lien 1988	Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	RB	None	None	

<u>MBL</u>	<u>Acres</u>	<u>Name</u>	<u>Ownership</u>	<u>Management Agency</u>	<u>Current Use</u>	<u>Condition</u>	<u>Public Accesses</u>	<u>Public / Private</u>	<u>ADA Accessibility</u>	<u>Recreation Potential</u>	<u>Zoning</u>	<u>Degree of Protection</u>	<u>Type of Public Grant Accepted</u>	<u>Deed Restriction (CR)</u>
103-399-5	0.30	Deed 2005	Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	RB	None	Unknown	
103-412-9	6.90	Tax Taking	Town	Conservation Commission	Conservation		Yes	Public	N/A	No	RB	In Perpetuity	Unknown	
103-415-4	0.34		TAHA MOHAMMED &	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
103-415-7	9.50		VESMARK INC &	Private	Vacant Land	N/A	No	Private	N/A	No	RB	-	N/A	
103-416-4	0.43		COUGHLIN EMILY M TRUSTEE	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
103-417-2	0.36		DUBE MICHAEL R	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
103-417-5	2.75		NEW ENGLAND POWERCO	Private	Electric Transmission	N/A	No	Private	N/A		RB	-	N/A	
104-387-5	1.54		Town	Conservation Commission	Conservation		Yes	Public	N/A	No	RB	In Perpetuity	Unknown	
104-387-33	52.95		Chelmsford Water District	Chelmsford Water District	Water District Facility	N/A	No	Public	N/A	No	RB	Limited or None	Unknown	
104-387-48	29.00		CHASE JOHN S & MARION L TRS	Private	Chapter 61A	N/A	No	Private	N/A	No	RA	Temporary	N/A	
104-387-54	0.60		NEW ENGLAND POWERCO	Private	Electric Transmission	N/A	No	Private	N/A		RB	-	N/A	
105-387-1	11.77	Anise Rd	Town	Undesignated / Selectmen	Electric Transmission		No	Public	N/A	Yes	RB	In Perpetuity	Unknown	
105-397-25	6.70		Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A		RB	None	Unknown	
106-391-3	4.59		Lyons II Elmer H. TR	Private	Conservation Restriction	N/A	No	Private	N/A		RB	In Perpetuity	N/A	State
107-405-10	1.48		KOECHLIN MELINDA A	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
107-430-4	0.05		Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	RB	None	Unknown	
107-435-16	0.52		LEWIS RICHARD W	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
108-393-1	17.30		Chelmsford Swimming	Private	Chapter 61B	N/A	No	Private	N/A	Yes	CB	Temporary	N/A	
108-393-3	4.24		NEW ENGLAND POWER CO	Private	Vacant Land	N/A	No	Private	N/A		RB1	-	N/A	
108-393-6	0.97	Robin Hill Meadows LLC Subdivision	Town	Selectmen	Multi-use Trail		Yes	Public	N/A	Yes	RB	None	Unknown	
108-405-2	3.48		SWINIARSKI JOHN S JR ETAL	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
108-405-3	1.15		SWINIARSKI JOHN S JR ETAL	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
108-405-11	3.46		KOECHLIN MELINDA A	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
108-428-13	1.05		Town	Conservation Commission	Conservation		Yes	Public	N/A	No	RB	In Perpetuity	Unknown	
108-428-19	1.44	Tax Lien 1984	Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	RB	None	None	
108-428-21	5.42	Deed 1989	Town	Conservation Commission	Conservation		Yes	Public	N/A	No	RB	In Perpetuity	Unknown	
108-428-25	8.29		NEW ENGLAND POWER COMPANY	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	

<u>MBL</u>	<u>Acres</u>	<u>Name</u>	<u>Ownership</u>	<u>Management Agency</u>	<u>Current Use</u>	<u>Condition</u>	<u>Public Accesses</u>	<u>Public / Private</u>	<u>ADA Accessibility</u>	<u>Recreation Potential</u>	<u>Zoning</u>	<u>Degree of Protection</u>	<u>Type of Public Grant Accepted</u>	<u>Deed Restriction (CR)</u>
108-428-28	2.47		Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	RB	None	Unknown	
109-421-32	14.00	Sunny Meadow Farm	Town	Selectmen	Agricultural		Yes	Public		Yes	RB	In Perpetuity	CPA	State CR
109-421-33	0.78		NEW ENGLAND POWERCO	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
109-421-35	0.95		LEWIS DIANE F BENNETT	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
109-421-36	8.52	Sunny Meadow Farm	Town	Selectmen	Agricultural		Yes	Public		Yes	RB	In Perpetuity	CPA	State CR
109-429-4	15.80	Chelmsford Country Club	Town	Conservation Commission	Golf Course		Yes	Public		Yes	RB	In Perpetuity	Unknown	
110-410-2	1.25	George B.B. Wright Reservation	Town	Conservation Commission	Conservation		Yes	Public		Yes	RB	In Perpetuity	Unknown	
110-410-4	0.97	George B.B. Wright Reservation	Town	Conservation Commission	Conservation		Yes	Public		Yes	RB	In Perpetuity	Unknown	
110-410-5	1.15	George B.B. Wright Reservation	Town	Conservation Commission	Conservation		Yes	Public		Yes	RB	In Perpetuity	Unknown	
110-415-5	1.11	George B.B. Wright Reservation	Town	Conservation Commission	Conservation		Yes	Public		Yes	RB	In Perpetuity	Unknown	
110-415-7	9.96	Greater Wright Reservation	Town	Undesignated / Selectmen	Electric Transmission		Yes	Public		Yes	RB	In Perpetuity	Unknown	
110-415-9	1.22	George B.B. Wright Reservation	Town	Conservation Commission	Conservation		Yes	Public		Yes	RB	In Perpetuity	Unknown	
110-415-10	2.15	George B.B. Wright Reservation	Town	Conservation Commission	Electric Transmission		Yes	Public		Yes	RB	In Perpetuity	Unknown	
110-415-16	0.52	Greater Wright Reservation	Town	Undesignated / Selectmen	Vacant Land		Yes	Public		Yes	RB	In Perpetuity	Unknown	
110-415-17	0.88	Greater Wright Reservation	Town	Undesignated / Selectmen	Electric Transmission		Yes	Public		Yes	RB	In Perpetuity	Unknown	
110-415-18	1.58	George B.B. Wright Reservation	Town	Conservation Commission	Conservation		Yes	Public		Yes	RB	In Perpetuity	Unknown	
110-415-21	1.61	George B.B. Wright Reservation	Town	Conservation Commission	Conservation		Yes	Public		Yes	RB	In Perpetuity	Unknown	
110-415-25	0.97		Town	Undesignated / Selectmen	Vacant Land		Yes	Public	N/A	Yes	RB	In Perpetuity	Unknown	
110-415-28	0.97	George B.B. Wright Reservation	Town	Conservation Commission	Conservation		Yes	Public		Yes	RB	In Perpetuity	Unknown	
110-415-30	0.95	George B.B. Wright Reservation	Town	Conservation Commission	Conservation		Yes	Public		Yes	RB	In Perpetuity	Unknown	
110-415-34	0.93	George B.B. Wright Reservation	Town	Conservation Commission	Conservation		Yes	Public		Yes	RB	In Perpetuity	Unknown	
110-415-37	0.92	George B.B. Wright Reservation	Town	Conservation Commission	Conservation		Yes	Public		Yes	RB	In Perpetuity	Unknown	
110-415-42	0.94	George B.B. Wright Reservation	Town	Conservation Commission	Conservation		Yes	Public		Yes	RB	In Perpetuity	Unknown	

<u>MBL</u>	<u>Acres</u>	<u>Name</u>	<u>Ownership</u>	<u>Management Agency</u>	<u>Current Use</u>	<u>Condition</u>	<u>Public Accesses</u>	<u>Public / Private</u>	<u>ADA Accessibility</u>	<u>Recreation Potential</u>	<u>Zoning</u>	<u>Degree of Protection</u>	<u>Type of Public Grant Accepted</u>	<u>Deed Restriction (CR)</u>
110-415-47	0.94	George B.B. Wright Reservation	Town	Conservation Commission	Conservation		Yes	Public		Yes	RB	In Perpetuity	Unknown	
110-415-49	0.93	George B.B. Wright Reservation	Town	Conservation Commission	Conservation		Yes	Public		Yes	RB	In Perpetuity	Unknown	
110-415-54	0.92	George B.B. Wright Reservation	Town	Conservation Commission	Conservation		Yes	Public		Yes	RB	In Perpetuity	Unknown	
110-415-55	1.32		Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	Yes	RB	None	Unknown	
110-415-56	0.92	George B.B. Wright Reservation	Town	Conservation Commission	Conservation		Yes	Public		Yes	RB	In Perpetuity	Unknown	
110-429-3	1.52		Town	Conservation Commission	Electric Transmission		Yes	Public	N/A	Yes	RB	In Perpetuity	Unknown	
110-429-10	1.03	Tax Lien 2000	Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	Yes	RB	None	None	
110-429-15	0.92		CARTER SUSAN E	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
110-433-1	1.13	George B.B. Wright Reservation	Town	Conservation Commission	Conservation		Yes	Public		Yes	RB	In Perpetuity	Unknown	
110-433-2	0.91	George B.B. Wright Reservation	Town	Conservation Commission	Conservation		Yes	Public		Yes	RB	In Perpetuity	Unknown	
110-433-7	6.21		Town	Conservation Commission	Electric Transmission		Yes	Public	N/A	Yes	RB	In Perpetuity	Unknown	
110-433-8	1.02	George B.B. Wright Reservation	Town	Conservation Commission	Conservation		Yes	Public		Yes	RB	In Perpetuity	Unknown	
111-412-1	8.20		NEW ENGLAND POWERCO	Private	Electric Transmission	N/A	No	Private	N/A		RB	-	N/A	
111-412-10	0.36		PAUL CENTER FOR LEARNING	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
111-412-26	5.41		Kayla Estates Trust Trustees	Private	Conservation Restriction	N/A	No	Private	N/A	No	RB	Limited or None	N/A	Local
111-412-34	5.60	Greater Wright Reservation	Town	Undesignated / Selectmen	Vacant Land		Yes	Public		Yes	RB	None	Unknown	
111-412-76	2.24		Town	Conservation Commission	Electric Transmission		Yes	Public	N/A	Yes	RB	In Perpetuity	Unknown	
111-415-1	2.72		GROUT FRANCIS A	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
111-423-12	0.01		Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	RB	None	Unknown	
112-387-15	0.41		HAMILTON JAMES A	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
112-425-7	15.00		Wojtas, Charles Trustee of Franks Farm Realty TR	Private	Conservation Restriction	N/A	No	Private	N/A	No	RB	In Perpetuity	N/A	State
112-425-9	0.92		WOJTAS CHARLES	Private	Vacant Land	N/A	No	Private	N/A		CA	-	N/A	
112-425-33	1.36		WOJTAS CHARLES	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
112-426-8	0.93		MURPHY KATHLEEN S	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
112-426-10	13.20	South Row School	Town	School Department	School		Yes	Public		Yes	RB	None	Unknown	
112-426-22	5.64	South Row School	Town	School Department	Athletic Fields		Yes	Public		Yes	RB	None	Unknown	

<u>MBL</u>	<u>Acres</u>	<u>Name</u>	<u>Ownership</u>	<u>Management Agency</u>	<u>Current Use</u>	<u>Condition</u>	<u>Public Accesses</u>	<u>Public / Private</u>	<u>ADA Accessibility</u>	<u>Recreation Potential</u>	<u>Zoning</u>	<u>Degree of Protection</u>	<u>Type of Public Grant Accepted</u>	<u>Deed Restriction (CR)</u>
113-387-6	0.30		GREENE LLOYD C JR &	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
113-397-4	3.40		Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	Yes	RB	None	Unknown	
113-397-7	10.60	Russell Mill Swim & Tennis Club	S. Chelmsford Rod & Gun Club	Private	Chapter 61B	N/A	No	Private	N/A	Yes	RC	Temporary	N/A	
113-431-9	1.17	Tax Lien 1988	Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	RB	None	None	
113-431-31	0.32		FLOYD ALLEN L	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
115-435-1	3.75		HICKS ROBERT M TRUSTEE	Private	Electric Transmission	N/A	No	Private	N/A		RB	-	N/A	
115-437-2	5.35		CRANDALL JOAN A	Private	Electric Transmission	N/A	No	Private	N/A		RB	-	N/A	
115-437-12	6.87		HICKS ROBERT M INC	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
115-437-14	3.50		Town	Conservation Commission	Conservation		Yes	Public	N/A	No	RB	In Perpetuity	Unknown	
116-393-11	0.13		FIELD SALLY E	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
116-393-13	0.13		FIRST BAPTIST CHURCH THE	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
116-393-14	12.56	Redwing Farm	Town	Conservation Commission	Conservation		Yes	Public		Yes	RB	In Perpetuity	Unknown	
116-428-1	26.14	Byam School	Town	School Department	School		Yes	Public		Yes	RB	None	Unknown	
116-428-6	3.63	Byam School	Town	School Department	Park		Yes	Public		Yes	RB	None	Unknown	
116-437-12	3.86	Heart Pond Cemetery	Town	Cemetery Commission	Cemetery		Yes	Public	N/A	No	RB	Limited	Unknown	
116-461-7	0.60		345 ACTON ROAD LLC	Private	Vacant Land	N/A	No	Private	N/A		CA	-	N/A	
117-393-1	0.42		HECKMAN STAN J	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
117-429-4	0.03	Chelmsford Country Club	Town	Undesignated / Selectmen	Golf Course		Yes	Public		Yes	RB	Limited	Unknown	
117-429-5	0.06	Chelmsford Country Club	Town	Selectmen	Golf Course		Yes	Public		Yes	RB	Limited	Unknown	
117-429-6	0.98		PARK ESTATES LLC	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
117-429-8	0.02		PARK ESTATES LLC	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
117-443-1	5.00		Parlee, Charles A.	Private	Chapter 61A	N/A	No	Private	N/A	Yes	RB	Temporary	N/A	
117-443-7	0.35		BIGLEY WILLIAM S ETALS	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
117-443-10	6.73		HIGGINS CHARLES J &	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
117-443-18	9.06	Kroll/ Calder/ Larter Pasture	Chelmsford Land Con TR Inc.	Chelmsford Land Con TR Inc.	Conservation	N/A	Yes	Private	N/A	No	RB	In Perpetuity	Unknown	
117-443-31	1.06		Parlee, Charles A.	Private	Chapter 61A	N/A	No	Private	N/A	No	RB	Temporary	N/A	
117-443-34	0.68		SEVEN HILLS COMMUNITY SER INC	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
117-449-2	3.95	Chelmsford Country Club	Town	Selectmen	Golf Course		Yes	Public		Yes	RB	None	Unknown	
118-415-1	0.79	Greater Wright Reservation	Town	Undesignated / Selectmen	Vacant Land		Yes	Public		Yes	RB	None	Unknown	

<u>MBL</u>	<u>Acres</u>	<u>Name</u>	<u>Ownership</u>	<u>Management Agency</u>	<u>Current Use</u>	<u>Condition</u>	<u>Public Accesses</u>	<u>Public / Private</u>	<u>ADA Accessibility</u>	<u>Recreation Potential</u>	<u>Zoning</u>	<u>Degree of Protection</u>	<u>Type of Public Grant Accepted</u>	<u>Deed Restriction (CR)</u>
118-415-3	1.06	George B.B. Wright Reservation	Town	Conservation Commission	Conservation		Yes	Public		Yes	RB	In Perpetuity	Unknown	
118-415-4	0.93	George B.B. Wright Reservation	Town	Conservation Commission	Conservation		Yes	Public		Yes	RB	In Perpetuity	Unknown	
118-415-8	1.00	George B.B. Wright Reservation	Town	Conservation Commission	Conservation		Yes	Public		Yes	RB	In Perpetuity	Unknown	
118-415-12	0.92	George B.B. Wright Reservation / Deed 1959	Town	Conservation Commission	Conservation		Yes	Public		Yes	RB	In Perpetuity	Unknown	
118-429-1	31.50	Chelmsford Country Club	Town	Selectmen	Golf Course		Yes	Public		Yes	RB	Limited	Unknown	
118-449-1	8.79		Dorobiala Lee Metals TRS	Private	Conservation Restriction	N/A	No	Private	N/A		RB	In Perpetuity	N/A	Unknown
118-451-6	0.41	Greater Wright Reservation	Town	Undesignated / Selectmen	Vacant Land		Yes	Public			RB	None	Unknown	
118-451-22	0.53	Greater Wright Reservation	Town	Undesignated / Selectmen	Vacant Land		Yes	Public			RB	None	Unknown	
118-455-1	0.52		CAJKA DANIEL J	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
118-456-8	6.76		ESMAIL RIYAZ TRUSTEE	Private	Vacant Land	N/A	No	Private	N/A	No	RB	-	N/A	
118-460-5	7.35	Greater Wright Reservation	Town	Undesignated / Selectmen	Vacant Land		Yes	Public		Yes	RB	In Perpetuity	Unknown	
119-412-11	1.04		STAITE STEPHEN J &	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
119-448-11	0.56	Tax Lien 2004	Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	RB	None	None	
119-450-4	7.20		Mckay, Marlee E. Trustee	Private	Chapter 61A	N/A	No	Private	N/A	Yes	RB	Temporary	N/A	
119-450-8	17.26		VISNIEWSKI ANTHONY B &	Private	Chapter 61	N/A	No	Private	N/A	Yes	RB	Temporary	N/A	
119-450-10	1.00		Mckay, Marlee E. Trustee	Private	Chapter 61A	N/A	No	Private	N/A	Yes	RB	Temporary	N/A	
119-450-12	4.37		Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	Yes	RB	In Perpetuity	Unknown	
121-431-1	132.00	Russell Mill Pond and Forest Reservation / Murphy Field	Town	Conservation Commission	Conservation		Yes	Public		Yes	RB	In Perpetuity	Self-Help	
121-431-4	1.37		Town	Conservation Commission	Conservation		Yes	Public	N/A	Yes	RB	In Perpetuity	Unknown	
121-431-6	6.39		SWENSON JOHN ARTHUR JR &	Private	Agricultural	N/A	No	Private	N/A		RB	-	N/A	
124-461-2	1.88	Lot #3	Town	Conservation Commission	Conservation		Yes	Public	N/A	No	CB	In Perpetuity	Unknown	
124-461-3	2.83	Lot #2	Town	Conservation Commission	Conservation		Yes	Public	N/A	No	RB	In Perpetuity	Unknown	
124-462-15	1.23		Chelmsford Water District	Chelmsford Water District	Aquifer Protection	N/A	No	Public	N/A	No	RB	Limited or None	Unknown	
124-463-2	0.99	Heart Pond Beach / Park	Town	Selectmen	Park		Yes	Public		Yes	RB	None	CPA	State CR
124-468-12	0.06		BROWN DAVID K	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
124-478-7	0.06		WOLCOTT PAUL A	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	

MBL	Acres	Name	Ownership	Management Agency	Current Use	Condition	Public Accesses	Public / Private	ADA Accessibility	Recreation Potential	Zoning	Degree of Protection	Type of Public Grant Accepted	Deed Restriction (CR)
125-443-1	5.06	Kroll/ Calder/ Larter Pasture	Chelmsford Land Con TR Inc.	Chelmsford Land Con TR Inc.	Conservation	N/A	Yes	Private	N/A	No	RB	In Perpetuity	Unknown	
125-462-4	0.91		LIGOURI ELIZABETH ANN	Private	Agricultural	N/A	No	Private	N/A		RB	-	N/A	
126-449-2	11.85		WOJTAS FRANK	Private	Chapter 61A	N/A	No	Private	N/A	No	RB	Temporary	N/A	
126-449-3	12.50		WOJTAS FRANK	Private	Chapter 61A	N/A	No	Private	N/A	Yes	RB	Temporary	N/A	
126-469-5	7.55		MANAGEMENT REALTY INC	Private	Vacant Land	N/A	No	Private	N/A	No	RB	-	N/A	
126-475-16	0.92		ELIOPOULOS MICHAEL P TRUST	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
126-475-26	0.92		ZOUZAS DACEY	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
126-477-3	7.00		Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	RB	None	Unknown	
127-450-1	13.20	Concord Rd Forest	Town	Conservation Commission	Conservation		No	Public	N/A	Yes	P	In Perpetuity	Unknown	
127-450-15	9.80		FLAHERTY JOSEPH TR	Private	Conservation Restriction	N/A	No	Private	N/A	Yes	RB	In Perpetuity	N/A	Unknown
127-485-2	1.04	Tax Lien 2000	Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	RB	None	None	
128-446-1	24.00	Warren Wildlife Sanctuary	Chelmsford Land Con TR Inc.	Chelmsford Land Con TR Inc.	Conservation	N/A	Yes	Private	N/A	No	RB	In Perpetuity	Unknown	
128-446-2	2.18	Deed 1967	Town	Conservation Commission	Conservation		Yes	Public	N/A	No	RB	In Perpetuity	Unknown	
128-446-36	0.50	Thanksgiving Ground Forest	Town	Conservation Commission	Conservation		Yes	Public		Yes	P	In Perpetuity	Unknown	
128-446-40	23.12	Thanksgiving Ground Forest	Town	Conservation Commission	Conservation		Yes	Public		Yes	RB	In Perpetuity	Unknown	
128-446-44	0.32	Thanksgiving Ground Forest	Town	Conservation Commission	Conservation		Yes	Public		Yes	RB	In Perpetuity	Unknown	
128-446-51	6.00	Thanksgiving Ground Forest	Town	Conservation Commission	Conservation		Yes	Public		Yes	RB	In Perpetuity	Unknown	
128-446-56	0.26		WARREN DAVID E	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
129-431-2	0.92		MORGAN LESLIE D	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
129-431-8	2.00		FRENCH WILLIAM L TRUSTREE	Private	Vacant Land	N/A	No	Private	N/A	Yes	RB	-	N/A	
129-446-19	6.21		Chelmsford Water District	Chelmsford Water District	Vacant Land	N/A	No	Public	N/A	Yes	RB	Limited or None	Unknown	
130-483-9	4.80		EMERSON BRYANT C	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
130-493-1	0.09		Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	RB	None	Unknown	
130-493-2	1.75	Tax Lien 1987	Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	RB	None	None	
131-462-2	5.25		WOJTAS PATRICIA &	Private	Chapter 61A	N/A	No	Private	N/A	No	RB	Temporary	N/A	
131-462-15	1.95		Chelmsford Water District	Chelmsford Water District	Aquifer Protection	N/A	No	Public	N/A	No	RB	Limited or None	Unknown	
132-462-15	180.00	Cranberry Bog Reservation	Town	Conservation Commission	Conservation		Yes	Public		No	RB	In Perpetuity	Self-Help	
132-462-16	6.02		Chelmsford Water District	Chelmsford Water District	Aquifer Protection	N/A	No	Public	N/A	No	RB	Limited or None	Unknown	

<u>MBL</u>	<u>Acres</u>	<u>Name</u>	<u>Ownership</u>	<u>Management Agency</u>	<u>Current Use</u>	<u>Condition</u>	<u>Public Accesses</u>	<u>Public / Private</u>	<u>ADA Accessibility</u>	<u>Recreation Potential</u>	<u>Zoning</u>	<u>Degree of Protection</u>	<u>Type of Public Grant Accepted</u>	<u>Deed Restriction (CR)</u>
132-462-17	6.02		Chelmsford Water District	Chelmsford Water District	Aquifer Protection	N/A	No	Public	N/A	No	RB	Limited or None	Unknown	
132-475-11	0.08		PARR SCOTT K	Private	Vacant Land	N/A	No	Private	N/A		RB0	-	N/A	
133-475-12	1.09		MURPHY TERRANCE A &	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
133-475-16	1.19		LEARY WILLIAM F JR &	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
133-475-26	20.60	Great Brook Farm State Park	State	DCR	Conservation	N/A	Yes	Public	N/A	Yes	RB	In Perpetuity	Unknown	
133-475-28	1.07		LEARY WILLIAM F JR &	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
133-475-45	2.13	Tax Lien 2000	Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	RB	None	None	
133-475-59	0.43		BISHOP THOMAS J	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
135-446-1	4.73	Thanksgiving Ground Forest	Town	Conservation Commission	Conservation		Yes	Public		Yes	RB	In Perpetuity	Unknown	
135-446-2	11.00	Thanksgiving Ground Forest	Town	Conservation Commission	Conservation		Yes	Public		Yes	RB	In Perpetuity	Unknown	
137-493-1	2.80		DARLING ROBERT L	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
137-493-4	8.68	Tax lien 1994	Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	RB	None	None	
137-493-5	29.19		RYAN STEPHEN M	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
137-493-6	0.58		RYAN STEPHEN M	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
137-493-7	0.58		Town	Undesignated / Selectmen	Vacant Land		No	Public	N/A	No	RB	None	Unknown	
138-462-4	0.18		OPOLSKI STEVEN W	Private	Vacant Land	N/A	No	Private	N/A		RB	-	N/A	
138-484-26	5.80		CARACO JOSEPH ETAL TRS	Private	Conservation Restriction	N/A	No	Private	N/A		RB	In Perpetuity	N/A	Unknown
138-484-34	31.00		KENT ALAN T TR	Private	Vacant Land	N/A	No	Private	N/A	Yes	RB	-	N/A	
RAILTRAIL	8.82	Bruce Freeman Trail	State	MassDOT	Multi-use Trail	N/A	Yes	Public	N/A	Yes	-	Limited	Unknown	

Chelmsford Open Space & Recreation Plan Survey

Open Space is an important addition to quality of life. Your opinion counts!

Summary Prepared on 04/27/10

This report summarizes 93 of 96 total responses.

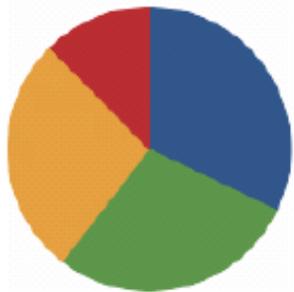
Summary for the results with the following restrictions:

Response Filters

Invitation Type: all
Status: completed
Alerts:
Email Contains:

Chelmsford Open Space & Recreation Survey

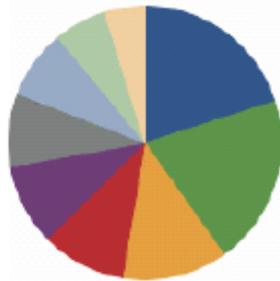
1. Do you consider Chelmsford:



32.0%	bedroom community (26)
28.3%	suburb of Boston (23)
27.1%	suburb of Lowell (22)
12.3%	rural town (10)

2. Why do you live in Chelmsford? Please check no more than three.

20.0%	Close to job (42)
20.0%	School system (42)
12.4%	Close to family (26)
10.0%	Cost of living (21)



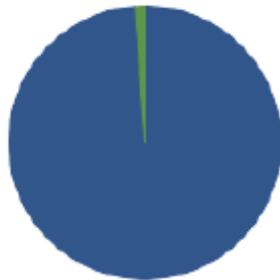
- 9.5% [Family safety \(20\)](#)
- 8.6% [View "Other" Answers "Other" Answers](#)
- 8.1% [Convenient to transportation \(17\)](#)
- 6.2% [I was born here \(13\)](#)
- 4.7% [Availability of services \(10\)](#)

3. How would you define open space?

You may browse freeform responses online or download the CSV.

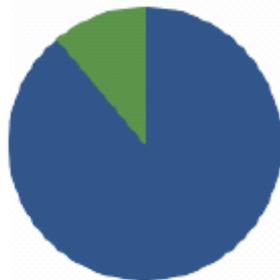
[View Answers](#)

4. Do you favor preserving open space in Chelmsford?



- 98.7% [Yes \(80\)](#)
- 1.2% [No Opinion \(1\)](#)
- 0.0% [No \(0\)](#)

5. Have you visited any Chelmsford town parks and recreation facilities or conservation lands in the past year?



- 88.8% [Yes \(72\)](#)
- 11.1% [No \(9\)](#)

If yes, which one(s):

You may browse comments online or download the CSV.

[View Comments](#)

6. Are existing recreation facilities adequate for:

	Yes	No
Young Children	74.2 %	25.7 %
Teens	64.1 %	35.8 %
Adults	77.7 %	22.2 %
Seniors	63.3 %	36.6 %
Disabled	34.6 %	65.3 %

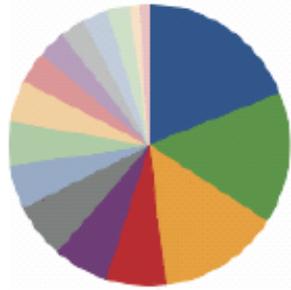
You may browse comments online or download the CSV.

[View Comments](#)

Provide additional comments below:

7. What outdoor activities do you enjoy doing in Chelmsford?

- 19.0% [Walking \(72\)](#)
- 15.0% [Biking \(57\)](#)



- 14.0% [Hiking \(53\)](#)
- 6.8% [Swimming \(26\)](#)
- 6.3% [Bird watching \(24\)](#)
- 6.3% [Running/Jogging \(24\)](#)
- 5.0% [Team Sports \(19\)](#)
- 5.0% [Snowshoeing/XC skiing \(19\)](#)
- 4.7% [Fishing \(18\)](#)
- 3.7% [Boating \(14\)](#)
- 3.1% [Ice skating/Hockey \(12\)](#)
- 2.9% [Golf \(11\)](#)
- 2.9% [Tennis \(11\)](#)
- 2.6% [View "Other" Answers "Other" Answers](#)
- 1.0% [Volleyball \(4\)](#)
- 1.0% [Skateboarding \(4\)](#)

Which activities do you pursue outside Chelmsford and why?

You may browse comments online or download the CSV.

[View Comments](#)

8. Please rank the top five recreational facilities you feel are needed: (1 = Highest Priority)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Basketball courts	16.6 %	5.5 %	11.1 %	16.6 %	11.1 %	0.0 %	16.6 %	0.0 %	0.0 %	16.6 %	0.0 %	5.5 %	0.0 %	0.0 %
Conservation areas	41.2 %	17.4 %	26.9 %	3.1 %	9.5 %	0.0 %	0.0 %	1.5 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %
Athletic Fields	37.0 %	7.4 %	7.4 %	3.7 %	22.2 %	7.4 %	0.0 %	0.0 %	0.0 %	0.0 %	3.7 %	7.4 %	3.7 %	0.0 %
Public Boating Access	21.0 %	21.0 %	15.7 %	5.2 %	10.5 %	0.0 %	0.0 %	0.0 %	15.7 %	10.5 %	0.0 %	0.0 %	0.0 %	0.0 %
Swimming Areas	35.8 %	20.5 %	20.5 %	5.1 %	12.8 %	0.0 %	0.0 %	0.0 %	0.0 %	5.1 %	0.0 %	0.0 %	0.0 %	0.0 %
Tennis Courts	14.2 %	14.2 %	0.0 %	7.1 %	21.4 %	0.0 %	7.1 %	21.4 %	7.1 %	7.1 %	0.0 %	0.0 %	0.0 %	0.0 %
Town common improvements	31.0 %	20.6 %	10.3 %	6.8 %	17.2 %	0.0 %	3.4 %	0.0 %	3.4 %	0.0 %	0.0 %	0.0 %	6.8 %	0.0 %
Mountain Biking, Hiking and Skiing Trails	12.1 %	19.5 %	26.8 %	24.3 %	9.7 %	2.4 %	0.0 %	0.0 %	0.0 %	0.0 %	2.4 %	0.0 %	0.0 %	2.4 %
Road Biking Trails	34.3 %	15.6 %	3.1 %	15.6 %	15.6 %	3.1 %	0.0 %	3.1 %	6.2 %	3.1 %				
Ice Skating Rink or Ponds	13.6 %	4.5 %	9.0 %	27.2 %	13.6 %	0.0 %	9.0 %	0.0 %	0.0 %	0.0 %	0.0 %	9.0 %	0.0 %	13.6 %
Local Neighborhood Parks	23.6 %	9.0 %	23.6 %	30.9 %	10.9 %	0.0 %	0.0 %	1.8 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %
Outdoor Amphitheater	5.0 %	5.0 %	10.0 %	25.0 %	15.0 %	0.0 %	5.0 %	5.0 %	5.0 %	5.0 %	10.0 %	0.0 %	5.0 %	5.0 %
Playground/Picnic Areas	7.3 %	14.6 %	19.5 %	24.3 %	19.5 %	7.3 %	2.4 %	0.0 %	2.4 %	2.4 %	0.0 %	0.0 %	0.0 %	0.0 %
Recreation Center	28.1	21.8	12.5		15.6									

Building [%](#) [%](#) [%](#) [3.1%](#) [%](#) [3.1%](#) [0.0%](#) [3.1%](#) [0.0%](#) [0.0%](#) [0.0%](#) [3.1%](#) [0.0%](#) [9.3%](#)

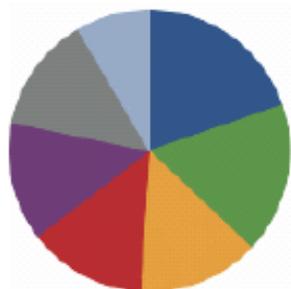
Please use this space to provide more details and/or to list 'other' recreational facilities:

You may browse comments online or download the CSV.
[View Comments](#)

9. What is your favorite recreational area location in Chelmsford?
You may browse freemform responses online or download the CSV.
[View Answers](#)

10. What is your favorite natural area in Chelmsford
You may browse freemform responses online or download the CSV.
[View Answers](#)

11. What town actions do you favor to preserve open space?



- [19.7%](#) [land acquired and developed for passive recreational use \(i.e. trails\) \(58\)](#)
- [17.3%](#) [land should be acquired and dedicated for permanent conservation purposes, such as wetlands, wildlife habitats, etc. \(51\)](#)
- [13.9%](#) [town purchase of land for open space \(41\)](#)
- [13.6%](#) [land should be acquired and left undeveloped for future generations. \(40\)](#)
- [13.6%](#) [zoning for open space \(40\)](#)
- [13.2%](#) [strengthen town regulations for wetlands and habitat protection for future use on private lands. \(39\)](#)
- [8.5%](#) [land should be developed for active recreational open space. \(i.e. athletic fields\) \(25\)](#)

Provide additional comments below:

You may browse comments online or download the CSV.
[View Comments](#)

12. Rank the following items in order of importance to you as a citizen of Chelmsford (1 = Highest Priority)

	1	2	3	4	5	6	7	8	9
Preserving wildlife habitat	8.2%	19.1%	17.8%	12.3%	20.5%	10.9%	6.8%	1.3%	2.7%
Encouraging economic development	8.1%	3.2%	3.2%	13.1%	14.7%	13.1%	13.1%	16.3%	14.7%
Protecting drinking water sources	32.3%	15.4%	21.1%	11.2%	11.2%	2.8%	5.6%	0.0%	0.0%
Retaining/restoring historical character of Chelmsford	15.0%	12.3%	20.5%	13.6%	8.2%	12.3%	12.3%	4.1%	1.3%
Preserving agricultural land	8.4%	8.4%	21.1%	11.2%	9.8%	16.9%	9.8%	11.2%	2.8%
Encouraging residential development	0.0%	0.0%	3.5%	1.7%	5.3%	5.3%	7.1%	19.6%	57.1%
Promoting high quality Schools	35.6%	23.2%	13.6%	5.4%	12.3%	4.1%	2.7%	1.3%	1.3%
Maintaining									

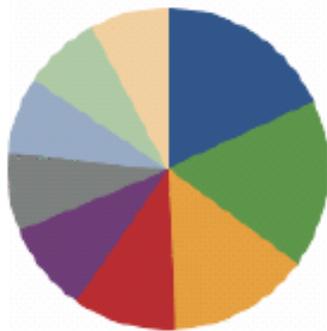
excellent Public Safety	13.4 %	25.3 %	14.9 %	17.9 %	8.9 %	7.4 %	7.4 %	4.4 %	0.0 %
Providing additional public recreation opportunities	4.4 %	8.9 %	13.4 %	14.9 %	10.4 %	16.4 %	10.4 %	14.9 %	5.9 %

13. How long have you been a resident of Chelmsford?



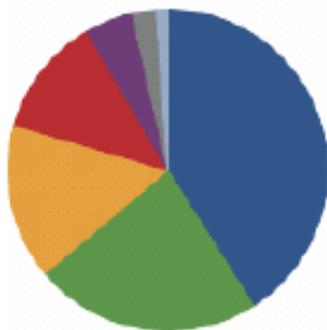
- 39.7% [More than 20 years \(33\)](#)
- 31.3% [10 20 years \(26\)](#)
- 14.4% [5 10 years \(12\)](#)
- 14.4% [Less than 5 years \(12\)](#)

14. What best describes the area of the town in which you live? (based on voting precincts)



- 18.1% [Precinct 1 \(14\)](#)
- 16.8% [Precinct 9 \(13\)](#)
- 14.2% [Precinct 5 \(11\)](#)
- 10.3% [Precinct 6 \(8\)](#)
- 9.0% [Precinct 7 \(7\)](#)
- 7.7% [Precinct 2 \(6\)](#)
- 7.7% [Precinct 4 \(6\)](#)
- 7.7% [Precinct 8 \(6\)](#)
- 7.7% [Precinct 3 \(6\)](#)

15. Which of the following best describes your current living situation?



- 40.9% [family with young children \(34\)](#)
- 22.8% [family with older children \(19\)](#)
- 15.6% [adult couple no children \(13\)](#)
- 12.0% [family grown children no longer at home \(10\)](#)
- 4.8% [single adult living alone \(4\)](#)
- 2.4% [senior couple or family \(2\)](#)
- 1.2% [senior living alone \(1\)](#)
- 0.0% [single parent children at home \(0\)](#)
- 0.0% [single young adult sharing living quarters \(0\)](#)

16. Additional Comments:

You may browse freform responses online or download the CSV.

[View Answers](#)

End of Survey Page 2

Glenview Landfill exposes legacy of Big Dig

By **Monica Jimenez**/staff writer

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Posted Nov 18, 2010 @ 01:09 PM

Chelmsford

The Glenview landfill has begun to give up its secrets — sort of.

A mysterious fire recently damaged the tarp covering the landfill, exposing the material beneath. No one knows exactly what's the landfill, dug up in Boston during the city's Central Artery Project, also known as the Big Dig.

Boston, for the most part, is a big landfill. For centuries, companies dumped fill in Boston's hollows, expanding the city and creating new land. That fill was a slurry of bricks, wood, ash and what have you. No records were kept and regulation was lax to non-existent.

Then the Big Dig came along, breaching the decades-old seal.

"They dug up hundreds of years of dumping anything and everything," said Chelmsford Board of Health Director Richard Day. "Any waste product you didn't want, you just dumped it and buried it."

The fill was tested for dangerous chemicals as it was unearthed, but there was too much to test every shovelful. Some of the dirt was carted to nearby cities like Quincy, which built a golf course on top of its Big Dig landfill. Some of it went all the way to Chelmsford — in 1997, the town gave Mass Gravel Inc. permission to put Big Dig material into a pit at the former Glenview Sand and Gravel.

Mass Gravel Inc. promised to cap the landfill, control storm water runoff and maintain the site. But the company ran into financial trouble, never finished the cap and apparently didn't monitor the site.

This past October, Todd Melanson, Environmental Compliance Manager at the Chelmsford Water District, visited the Glenview site for a related project and found between 2,000 and 3,000 square feet of landfill exposed. Part of the fabric cover had burned or melted away and more had been blown back by the wind.

Melanson had been to the site four times in the previous weeks and found the tarp intact. No residents had reported smelling smoke or seeing flames. And the tarp, which is partly rubber, does not burn easily.

Finding the point where the fire started didn't provide answers, either. But to Melanson, solving the mystery is less urgent than solving the problem.

"We're hoping they'll take care of it before the spring," Melanson said. "With the heavy rains, there will be some washout."

Representatives from the Massachusetts Department of Environmental Protection (DEP) came to inspect the site and are currently trying to settle the matter with Mass Gravel Inc. Day said the DEP has a bond with the company, but speculated it might not be enough to cover the cost of fixing the problem.

BOH Director Richard Day said he doesn't care whether Mass Gravel or the DEP takes responsibility for the Glenview site, but something must be done soon. He echoed Melanson's concerns about site runoff, especially because no one is sure what substances are in the landfill.

"We're getting an interesting vibe. On one side of the coin, 'urban fill' is a great buzzword for something that's not that problematic," Day said. "But the obvious thing is, if the material had no issues, why did it need to be capped and sealed? If it's just fill, you should be able to put it anywhere and not do anything with it."

Short-term options include replacing the fabric cover and stabilizing the bottom of the slope to contain the fill. The DEP has also talked about inspecting the monitoring wells in the area — if they're still active, the groundwater around the landfill can be tested for contamination.

In the long term, Day said a full cap should be placed on the site as originally planned, including a layer of soil and vegetation. He pointed to the Lowell landfill, a dirt-covered mound with grass on top.

In the meantime, Day said he is checking back with the DEP to make sure the Chelmsford site doesn't drop off its radar. Town personnel are monitoring the landfill.

Day said if the company responsible for capping the fill had just done its duty, the town wouldn't be in this position now.

"We shouldn't still talking about what Big Dig leftovers are in that landfill," Day said. "It never should have been like this — period. It would be a non-issue if they had done what they were supposed to do."

Dutton House to be moved for green space



Town officials hope someone is interested in moving the Dutton House off the Library property to make room for a new Center Greenway. (File photo)

Kevin Zimmerman/Staff Reporter

• Fri, Dec 03, 2010

Officials hope to create a greenway of sloping hills, babbling brooks and tree canopies connecting the Library in the Center and Lime Quarry on Littleton Road.

But before that can happen, they need to find a new home for the Dutton House.

Town Manager Paul Cohen met with the Library Board of Trustees in mid-November to discuss the proposal.

"It's an effort to improve the Library and Bartlett Park," said Cohen.

Although still in a proposal phase, the plan would involve removing the Dutton House—also known as the Pink House—from the Library's property.

Then, the parking area currently between the Library and the Dutton House would be converted to green space. A raised crosswalk, similar to the one between the Library and Friendly's, would allow pedestrians to move from the Library property into Bartlett Park.

Cohen said a painted crosswalk over Acton Road would let people safely go from Bartlett Park to the Bartlett Woodlot. From there, pedestrians would follow the paths over to the Bruce Freeman Rail Trail and up to the Miriam E. Warren Wetlands Preserve.

The Warren Wetlands Preserve sits across Route 110 from the Lime Quarry but is not currently accessible to hikers because of the wetness of the property.

For Cohen, the timing is right for this plan. Next year marks the 50th anniversary of Harriett Bartlett's donation of 3.25 acres of pasture land in the Center. That property became Bartlett Park and also led to the creation of the Chelmsford Land Conservation Trust.

To date, no one has expressed interest in taking possession of the Dutton House. The town would donate it to someone if they would be willing to move it to another parcel in town, said Cohen.

"We're going to develop the plan and come up with the funding while we search for a home to relocate the Dutton House," said Cohen. "I don't want to ignore it and let it sit there."

Appendix 4: Public Comments & OSRP Meeting Minutes



The Commonwealth of Massachusetts
Executive Office of Energy and Environmental Affairs
100 Cambridge Street, Suite 900
Boston, MA 02114

Deval Patrick
GOVERNOR

Timothy Murray
LIEUTENANT GOVERNOR

Ian Bowles
SECRETARY

Tel: (617) 626-1000
Fax: (617) 626-1181

November 23, 2010

Thaddeus J. Soule
Conservation Commission
50 Billerica Road
Chelmsford, MA 01824

Re: Open Space and Recreation Plan

Dear Mr. Soule:

Thank you for submitting the draft Open Space and Recreation Plan for Chelmsford to this office for review and compliance with the current Open Space and Recreation Plan Requirements. This plan has been conditionally approved through November 2015. Conditional approval will allow the town to participate in DCS grant rounds through November 2015, and a grant award may be offered to the town. However, no final grant payments will be made until the plan is completed.

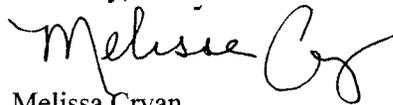
Once the following items are addressed, your plan will receive final approval:

1. Introduction – the Planning Process and Public Participation section should describe how the public meetings and survey were advertised. This section does not describe the Enhanced Outreach that occurred in the town's Environmental Justice neighborhoods. Please add that.
2. Referencing the 2003 Open Space and Recreation Plan – your OSRP references the 2003 OSRP frequently. You cannot just tell the reader to look at the 2003 plan for the information. You have to, at a minimum, cut and paste the information from that plan into this plan. This holds true for the following sections: History of the Community, Vegetation (the forest land section and the general inventory), and the Scenic Resources and Unique Environments (cultural and historic areas section).
3. Population Characteristics – this section should have information on the Environmental Justice populations, industries, and employment trends.
4. Growth and Development Patterns – information on the town's zoning must be included in the Long-term Development Patterns section.
5. Landscape Characteristics – please provide more specifics as to where the features referenced are found.
6. Water Resources – more information on surface water, aquifer recharge areas, and the town's watersheds is needed.
7. Fisheries and Wildlife – please include the information that you do have on the town's fisheries and wildlife.
8. Environmental Challenges – additional information on forestry issues and environmental equity issues is needed.

9. Section 5 – this section should begin with a discussion as to why open space protection is important. Also, any APRs in the town should be listed in this section. The Open Space Equity information that is provided does not satisfy our requirements. What we're looking for here is an analysis of the distribution of open space and recreation resources throughout the community and if there is an area or areas of the community that are lacking in them.
10. Analysis of Needs – the Community Needs should include information on the SCORP and how it pertains to Chelmsford. It can be found online at <http://www.mass.gov/Eoeea/docs/eea/dcs/massoutdoor2006.pdf>.
11. Five-Year Action Plan – each objective should have a potential funding source included. Also, Action Plans can now be written for seven years, giving the plan an additional two years worth of approval. Your Action Plan can be rewritten for seven years.
12. Letters of Review from the planning board, chief municipal officer, and regional planning agency must be included.
13. ADA/Section 504 – This is a three-part report on municipal property under the jurisdiction of the conservation commission or park commission, and is described in the Planner's Workbook. It includes information on administrative and employment practices for the town as well. Administrative information includes formal designation of an ADA coordinator, a grievance procedure for the general public and a review of the town's employment practices. Information on employment practices can be shortened considerably if the town's ADA coordinator will send a letter stating that the town's employment practices are consistent with the ADA.

Congratulations on undertaking this important task! Please contact me at (617) 626-1171 or melissa.cryan@state.ma.us if you have any questions or concerns, and I look forward to reviewing your final plan.

Sincerely,



Melissa Cryan
Grants Manager



Town Offices
50 Billerica Road
Chelmsford, MA 01824
978-250-5248
tsoule@townofchelmsford.us

MEMORANDUM

TO:

- | | |
|--|--|
| ADA Coordinator - 1.1J, 2.5A and 2.5B;
Assessors Department - 2.3C;
Board of Selectmen - General Document, 4.3A;
Bicycle and Pedestrian Advisory Committee - 2.5C, 2.5D;
Cemetery Commission;
Chelmsford Friends of the BFRT;
Chelmsford Land Conservation Trust, Inc.;
Chelmsford Open Space Stewardship - 1.1I;
Chelmsford School Committee 2.1D, 3.2C;
Chelmsford Water District - 4.3C, 4.3D;
Community Preservation Committee - 4.1A, 4.1B, 4.1 C,
4.2A, 4.3M, 4.3N; | Conservation Commission - General Document;
Director Department of Public Works - 2.1E;
Director of Community Development - General Document;
East Chelmsford Water District - 4.3C, 4.3D;
Historical Commission - 1.1F;
NMCOG
North Chelmsford Water District - 4.3C, 4.3D;
Permanent Building Committee;
Planning Board - 4.3O; and
Town Manager - General Document, 2.1C, 2.3A, 2.3B, 2.4A,
4.3J, 4.3L, 4.3Q. |
|--|--|

FROM: Open Space and Recreation Plan committee

DATE: October 27, 2010

SUBJECT: Draft 2010 Open Space and Recreation Plan (OSRP)

A representative from each Board, Committee, Commission, Department, or Organization listed above received an electronic copy of the Draft 2010 OSRP via email. Next to each group name is a reference to the Action Items (See Section 9) specifically relevant to your organization.

- Please review the plan with your group and complete this form acknowledging that you support the Draft 2010 OSRP.
- If you have comments, edits, or recommendations please provide these in a letter and return them with this form.

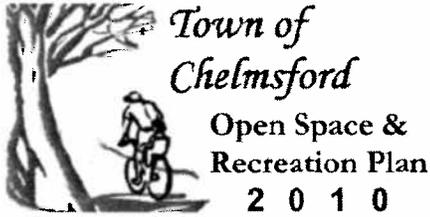
If you did not receive a copy of the Draft 2010 OSRP, please contact Thad Soulé in the Chelmsford Community Development Department.

Please submit your comments and/or recommendations to the Open Space and Recreation Plan Committee no later than **November 30, 2010.**

We support the OSRP (No Concerns) OR See Attached Letter

Organization: Planning Board Signature: Em Belmy Date: 12-18-10
PB voted on 12-8-10 to approve the OSRP as drafted.

*** **PLEASE RETURN THIS SHEET TO THAD SOULÉ** ***
COMMUNITY DEVELOPMENT



Town Offices
50 Billerica Road
Chelmsford, MA 01824
978-250-5248
tsoule@townofchelmsford.us

MEMORANDUM

TO:

ADA Coordinator;
Affordable Housing Committee;
Board of Assessors;
Board of Health;
Board of Selectmen;
Bicycle and Pedestrian Advisory Committee;
Cemetery Commission;
Chelmsford Friends of the BFRT;
Chelmsford Land Conservation Trust, Inc.;Chelmsford Open Space Stewardship;
Chelmsford School Committee;
Chelmsford Water District;
Community Preservation Committee;

Conservation Commission;
Director Department of Public Works;
Director of Community Development;
East Chelmsford Water District;
Historical Commission;
Master Plan Committee;
NMCOG
North Chelmsford Water District;
Permanent Building Committee;
Planning Board;
✓ Town Manager; and
Zoning Board of Appeals.

FROM: Open Space and Recreation Plan committee

DATE: October 27, 2010

SUBJECT: Draft 2010 Open Space and Recreation Plan (OSRP)

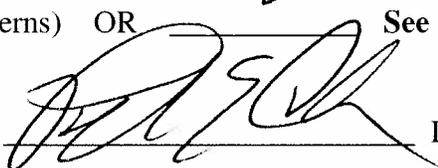
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- If you have comments, edits, or recommendations please provide these in a letter and return them with this form.

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Please submit your comments and/or recommendations to the Open Space and Recreation Plan Committee no later than **November 30, 2010.**

_____ We support the OSRP (No Concerns) OR _____ See Attached Letter

Organization: TOWN MANAGER Signature:  Date: 11/16/10

*** **PLEASE RETURN THIS SHEET TO THAD SOULÉ** ***
COMMUNITY DEVELOPMENT



Office of the Town Manager

Paul E. Cohen
Town Manager

50 Billerica Road
Chelmsford, MA 01824-2777

978.250.5201
Fax: 978.250.5252

November 16, 2010

TO: Open Space and Recreation Plan Committee
FROM: Paul Cohen, Town Manager *PC*
Re: Draft 2010 Open Space and Recreation Plan

Thank you for all the effort that you have extended in producing the draft 2010 Open Space and Recreation Plan (OSRP). I expect, that in coordination with the recently adopted Master Plan, that the OSRP will enable the Town to preserve and protect open space in the years ahead. Here are my edits and comments on the draft report:

- Page 3, 2nd paragraph, 4th sentence: a comma is needed between the words "Maple Road" and "Sunny Meadow Farm".
- Page 3, 6th paragraph, 1st sentence: the Board of Selectmen does not manage open space land. The Town Charter assigns this responsibility to the Town Manager. Also, it is the School Department, not the "school district".
- Page 6, 2nd paragraph, 1st sentence: The Recreation Commission was dissolved by the Town Manager, not the Town Meeting, in 2007. In fact, the Recreation Commission was dormant for several years prior to that.
- Page 10, 1st paragraph, 1st sentence: The Sunny Meadow Farm is subject to an "Agricultural Preservation Restriction", rather than a "Conservation Restriction". Again, the property is managed by the Town Manager, rather than the Board of Selectmen.
- Page 10, final paragraph: The Recreation Department was dissolved by the Town Manager in 2007.
- Page 29, after paragraph 8. Impaired Water Bodies: It may be helpful to add a new paragraph regarding the environmental

challenges to Freeman Lane and Heart Pond. Invasive plants are widespread in Freeman Lake and present a concern to Heart Pond.

- o Page 62, paragraph 2.4 Recreation management: I recommend changes to the duties of the proposed Parks and Recreation Commission. Similar to other Town board's, an appointed commission should not have management responsibility. Such responsibility resides with the Town Manager and other Town administrative personnel such as the DPW Director and Director of Facilities. Therefore, I recommend that the commission's duties be revised as follows:
 - Develop active recreation area management plans;
 - Monitor minimum recreation maintenance LOS standards;
 - Advocate for recreation;
 - Provide public education;

- o Page 69, Goal 2.3B: The three water districts are separate municipal governmental agencies established and governed by the State Legislature, not the Town of Chelmsford. Therefore, I recommend that any study to consolidate the three water districts into one entity be an action undertaken through Town Meeting via a special ad-hoc committee appointed by the Town Moderator.



Town Offices
50 Billerica Road
Chelmsford, MA 01824
978-250-5248
tsoule@townofchelmsford.us

MEMORANDUM

TO:

ADA Coordinator - 1.1J, 2.5A and 2.5B;
Assessors Department - 2.3C;
✓ Board of Selectmen - General Document, 4.3A;
Bicycle and Pedestrian Advisory Committee - 2.5C, 2.5D;
Cemetery Commission;
Chelmsford Friends of the BFRT;
Chelmsford Land Conservation Trust, Inc.;
Chelmsford Open Space Stewardship - 1.1I;
Chelmsford School Committee 2.1D, 3.2C;
Chelmsford Water District - 4.3C, 4.3D;
Community Preservation Committee - 4.1A, 4.1B, 4.1C,
4.2A, 4.3M, 4.3N;

Conservation Commission - General Document;
Director Department of Public Works - 2.1E;
Director of Community Development - General Document;
East Chelmsford Water District - 4.3C, 4.3D;
Historical Commission - 1.1F;
NMCOG
North Chelmsford Water District - 4.3C, 4.3D;
Permanent Building Committee;
Planning Board - 4.3O; and
Town Manager - General Document, 2.1C, 2.3A, 2.3B, 2.4A,
4.3J, 4.3L, 4.3Q.

FROM: Open Space and Recreation Plan committee

DATE: October 27, 2010

SUBJECT: Draft 2010 Open Space and Recreation Plan (OSRP)

A representative from each Board, Committee, Commission, Department, or Organization listed above received an electronic copy of the Draft 2010 OSRP via email. Next to each group name is a reference to the Action Items (*See* Section 9) specifically relevant to your organization.

- Please review the plan with your group and complete this form acknowledging that you support the Draft 2010 OSRP.
- If you have comments, edits, or recommendations please provide these in a letter and return them with this form.

If you did not receive a copy of the Draft 2010 OSRP, please contact Thad Soulé in the Chelmsford Community Development Department.

Please submit your comments and/or recommendations to the Open Space and Recreation Plan Committee no later than **November 30, 2010.**

 We support the OSRP (No Concerns) OR See Attached Letter

Please incorporate the attached TREE policy.

Organization: Board of Selectmen Signature: *Thad Soule* Date: 11/23/10

*** **PLEASE RETURN THIS SHEET TO THAD SOULÉ** ***
COMMUNITY DEVELOPMENT

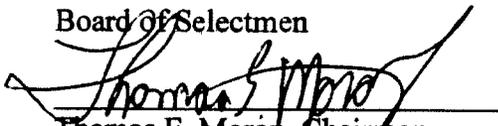
TREES

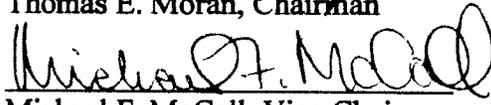
Preface: The community of Chelmsford is concerned with preserving its natural resource of trees. Each year the Town must remove trees that are within the Town's control, either due to the health of the tree or the tree's location to a Town capital project. The Board of Selectmen recognizes the value of this important resource, both from a quality of life standpoint, as well as the long-term importance of trees to the environment. Accordingly, the Town adopts the following policy in order to maintain, preserve and enhance this resource:

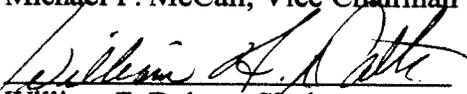
The Town of Chelmsford shall seek to replace on a one-for-one basis all trees removed from Town land due to disease/death of the tree or its removal in relation to a capital project performed by the Department of Public Works. It will be the responsibility of the head of the Department of Public Works, or that person's designee, to determine the type and size of the replacement tree. While it should be a goal under this policy to have a tree replanted in the same location as the removed tree, it may be replaced in an alternate location if extenuating circumstances arise.

Approved: 6/04/01

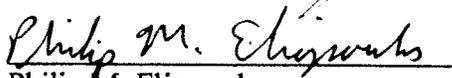
Board of Selectmen


Thomas E. Moran, Chairman


Michael F. McCall, Vice Chairman


William F. Dalton, Clerk


Stuart G. Weisfeldt


Philip M. Eliopoulos

February 3, 2011

**Thaddeus J. Soule
Conservation Commission
50 Billerica Road
Chelmsford, MA. 01824**

Dear Thad,

I have investigated the town's employment practices and find them consistent with the ADA regulations as well as the Massachusetts Office on Disabilities.

Chelmsford's Open Space and Recreation Plan has exhibited a foremost interest in the disabled community and I applaud their projects. Chelmsford is fortunate to have this in our town.

Sincerely


Ralph B. Hickey
ADA Coordinator
Town of Chelmsford

**Cc Beth Logan, Chairman
Open Space and Recreation Plan**



Town Offices
50 Billerica Road
Chelmsford, MA 01824
978-250-5248
tsoule@townofchelmsford.us

MEMORANDUM

TO:

- | | |
|---|---|
| <ul style="list-style-type: none"> ADA Coordinator - 1.1J, 2.5A and 2.5B; Assessors Department - 2.3C; ✓ Board of Selectmen - General Document, 4.3A; Bicycle and Pedestrian Advisory Committee - 2.5C, 2.5D; Cemetery Commission; Chelmsford Friends of the BFRT; Chelmsford Land Conservation Trust, Inc.; Chelmsford Open Space Stewardship - 1.1I; Chelmsford School Committee 2.1D, 3.2C; Chelmsford Water District - 4.3C, 4.3D; Community Preservation Committee - 4.1A, 4.1B, 4.1 C, 4.2A, 4.3M, 4.3N; | <ul style="list-style-type: none"> Conservation Commission - General Document; Director Department of Public Works - 2.1E; Director of Community Development - General Document; East Chelmsford Water District - 4.3C, 4.3D; Historical Commission - 1.1F; NMCOG North Chelmsford Water District - 4.3C, 4.3D; Permanent Building Committee; Planning Board - 4.3O; and Town Manager - General Document, 2.1C, 2.3A, 2.3B, 2.4A, 4.3J, 4.3L, 4.3Q. |
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FROM: Open Space and Recreation Plan committee

DATE: October 27, 2010

SUBJECT: Draft 2010 Open Space and Recreation Plan (OSRP)

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Please submit your comments and/or recommendations to the Open Space and Recreation Plan Committee no later than **November 30, 2010.**

We support the OSRP (No Concerns) OR **See Attached Letter**
Please incorporate the attached TREE policy. ✓
 Organization: Board of Selectmen Signature: [Signature] Date: 11/23/10

*** **PLEASE RETURN THIS SHEET TO THAD SOULÉ** ***
COMMUNITY DEVELOPMENT

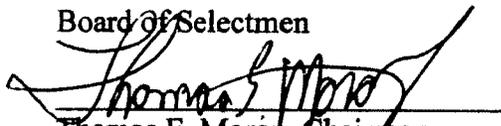
TREES

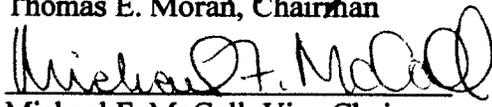
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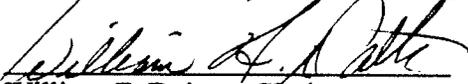
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Approved: 6/04/01

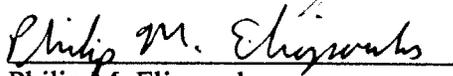
Board of Selectmen

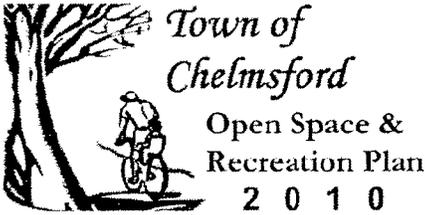

Thomas E. Moran, Chairman


Michael F. McCall, Vice Chairman


William F. Dalton, Clerk


Stuart G. Weisfeldt


Philip M. Eliopoulos



Town Offices
50 Billerica Road
Chelmsford, MA 01824
978-250-5248
tsoule@townofchelmsford.us

MEMORANDUM

TO:
ADA Coordinator – 1.1J, 2.5A and 2.5B;
Assessors Department – 2.3C;
Board of Selectmen – General Document, 4.3A;
Bicycle and Pedestrian Advisory Committee – 2.5C, 2.5D;
Cemetery Commission;
Chelmsford Friends of the BFRT;
Chelmsford Land Conservation Trust, Inc.;
Chelmsford Open Space Stewardship – 1.1I;
Chelmsford School Committee 2.1D, 3.2C;
Chelmsford Water District - 4.3C, 4.3D;
Community Preservation Committee – 4.1A, 4.1B, 4.1 C,
4.2A, 4.3M, 4.3N;
Conservation Commission – General Document;
Director Department of Public Works – 2.1E;
Director of Community Development – General Document;
East Chelmsford Water District - 4.3C, 4.3D;
Historical Commission – 1.1F;
NMCOG
North Chelmsford Water District - 4.3C, 4.3D;
Permanent Building Committee;
Planning Board – 4.3O; and
Town Manager – General Document, 2.1C, 2.3A, 2.3B, 2.4A,
4.3J, 4.3L, 4.3Q.

FROM: Open Space and Recreation Plan committee

DATE: October 27, 2010

SUBJECT: Draft 2010 Open Space and Recreation Plan (OSRP)

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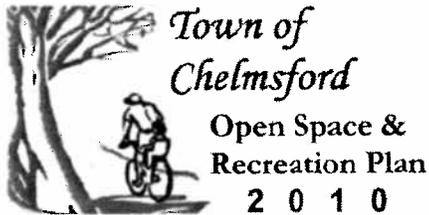
We support the OSRP (No Concerns) OR See Attached Letter

Organization: Planning Board Signature: Em Belamy Date: 12-18-10

PB voted on 12-8-10 to approve the OSRP as drafted.

*** **PLEASE RETURN THIS SHEET TO THAD SOULÉ** ***

COMMUNITY DEVELOPMENT



Town Offices
50 Billerica Road
Chelmsford, MA 01824
978-250-5248
tsoule@townofchelmsford.us

MEMORANDUM

TO:

ADA Coordinator;
Affordable Housing Committee;
Board of Assessors;
Board of Health;
Board of Selectmen;
Bicycle and Pedestrian Advisory Committee;
Cemetery Commission;
Chelmsford Friends of the BFRT;
Chelmsford Land Conservation Trust, Inc.;
Chelmsford Open Space Stewardship;
Chelmsford School Committee;
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Director Department of Public Works;
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Historical Commission;
Master Plan Committee;
NMCOG
North Chelmsford Water District;
Permanent Building Committee;
Planning Board;
✓ Town Manager; and
Zoning Board of Appeals.

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Organization: Town Manager Signature: [Signature] Date: 11/16/10

*** **PLEASE RETURN THIS SHEET TO THAD SOULÉ** ***
COMMUNITY DEVELOPMENT



Office of the Town Manager

Paul E. Cohen
Town Manager

50 Billerica Road
Chelmsford, MA 01824-2777

978.250.5201
Fax: 978.250.5252

November 16, 2010

TO: Open Space and Recreation Plan Committee
FROM: Paul Cohen, Town Manager *R*
Re: Draft 2010 Open Space and Recreation Plan

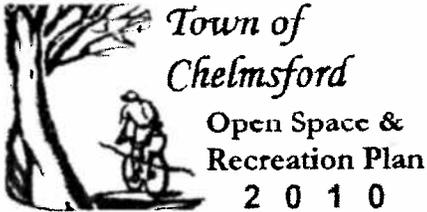
Thank you for all the effort that you have extended in producing the draft 2010 Open Space and Recreation Plan (OSRP). I expect, that in coordination with the recently adopted Master Plan, that the OSRP will enable the Town to preserve and protect open space in the years ahead. Here are my edits and comments on the draft report:

- Page 3, 2nd paragraph, 4th sentence: a comma is needed between the words "Maple Road" and "Sunny Meadow Farm".
- Page 3, 6th paragraph, 1st sentence: the Board of Selectmen does not manage open space land. The Town Charter assigns this responsibility to the Town Manager. Also, it is the School Department, not the "school district".
- Page 6, 2nd paragraph, 1st sentence: The Recreation Commission was dissolved by the Town Manager, not the Town Meeting, in 2007. In fact, the Recreation Commission was dormant for several years prior to that.
- Page 10, 1st paragraph, 1st sentence: The Sunny Meadow Farm is subject to an "Agricultural Preservation Restriction", rather than a "Conservation Restriction". Again, the property is managed by the Town Manager, rather than the Board of Selectmen.
- Page 10, final paragraph: The Recreation Department was dissolved by the Town Manager in 2007.
- Page 29, after paragraph 8. Impaired Water Bodies: It may be helpful to add a new paragraph regarding the environmental

challenges to Freeman Lane and Heart Pond. Invasive plants are widespread in Freeman Lake and present a concern to Heart Pond.

- Page 62, paragraph 2.4 Recreation management: I recommend changes to the duties of the proposed Parks and Recreation Commission. Similar to other Town board's, an appointed commission should not have management responsibility. Such responsibility resides with the Town Manager and other Town administrative personnel such as the DPW Director and Director of Facilities. Therefore, I recommend that the commission's duties be revised as follows:
 - Develop active recreation area management plans;
 - Monitor minimum recreation maintenance LOS standards;
 - Advocate for recreation;
 - Provide public education;

- Page 69, Goal 2.3B: The three water districts are separate municipal governmental agencies established and governed by the State Legislature, not the Town of Chelmsford. Therefore, I recommend that any study to consolidate the three water districts into one entity be an action undertaken through Town Meeting via a special ad-hoc committee appointed by the Town Moderator.



Town Offices
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tsoule@townofchelmsford.us

MEMORANDUM

TO:

ADA Coordinator;
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Board of Assessors;
Board of Health;
Board of Selectmen;
Bicycle and Pedestrian Advisory Committee;
Cemetery Commission;
Chelmsford Friends of the BFRT;
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Chelmsford Water District;
Community Preservation Committee;

Conservation Commission;
Director Department of Public Works;
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NMCOC
North Chelmsford Water District;
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Town Manager; and
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Organization: Bicycle & Pedestrian Advisory Cmte. Signature: Thomas E. Gage, Chair Date: Nov, 30, 2010

*** **PLEASE RETURN THIS SHEET TO THAD SOULÉ** ***
COMMUNITY DEVELOPMENT

Open Space and Recreation Plan – Comments from The Bicycle and Pedestrian Advisory Committee

Group 1 – Suggested Edits Concerning Items Specific to OSRP Policy and Related to Bicycle and Pedestrian Activities

Page 7 - Modify map to include location of the proposed trail connecting Sunny Meadow Farm to the BFRT

Page 10 – Include the formation of the BPAC in this section

The Chelmsford Bicycle and Pedestrian Advisory Committee (BPAC) was formed in 2008 and consists of nine members nominated by the Town Manager. The duties of the BPAC include: working towards improvements to the bicycling and pedestrian conditions in the Town of Chelmsford; coordination of maintenance, policing, and enhancements to the Bruce Freeman Rail Trail and any future bicycle/pedestrian paths; providing advice and comment on any bicycle or pedestrian related issues to the Town Manager; and coordination of bicycling and pedestrian initiatives with town, regional or state officials or agencies.

Page 11 – Replace the word “abandoned” in reference to the Rail Trail ROW with the word “dormant” due to legal implications tied to the former

Page 17 – Existing Management and Operation

Add paragraph:

The BFRT property is owned by the Commonwealth of Massachusetts and vested with the Massachusetts Department of Transportation (MassDOT), Highway Division. By a Memorandum of Agreement (MOA), the Town of Chelmsford is responsible for maintenance and operation of the rail trail. Within the Town of Chelmsford, the Department of Public Works is responsible for maintaining the rail trail property, the Chelmsford Police Department is responsible for policing it, and the BPAC is responsible for coordinating activities on it, including maintenance. Maintenance activity performed by the DPW includes bi-annual sweeping of the trail, installation and maintenance of trail signs, restriping of crosswalks, and refreshing of worn pavement markings. The Friends of the Bruce Freeman Rail Trail (FBFRT) have a Chelmsford Trail Crew that assists the Town with maintenance activities on the trail including litter pickup and disposal, weeding, grass trimming, removal of debris from the trail surface, and general clean up. MassDOT, Highway Division maintains the infrastructures of the Rt. 3 tunnel and the Rt. 495 overpass. Maintenance of the Rt. 3 and Rt. 495 infrastructures includes repair and replacement of lights and removal of graffiti.

Page 45

Change wording under BFRT:

“The Towns are responsible for maintenance of the travel surface. “

to read “The Towns are responsible for maintenance and operation of the facilities.”

This language is used in the BFRT MOA. The facilities in Chelmsford include the shoulders, landscaping, railings, fencing, signage, pavement markings, and barrier posts in addition to the travel surface.

Page 55

Paragraph 2, Recreation:

Add bullet to list: “Increase access to recreational areas via bicycle and foot.”.

Open Space and Recreation Plan – Comments from The Bicycle and Pedestrian Advisory Committee

Page 56 -Table

Skateboarding: add BFRT to availability column

Add entry on Inline Skating: add BFRT to availability column

Under Hiking/ Walking, add under availability the BFRT

Add entry on Running. Availability should include Conservation Land, School tracks and the BFRT

Page 59

Regarding:

C. Management Needs

1. Open Space and Recreation Land Delineation

- Monitor and resolve encroachments and trash dumping

Where there are encroachments and abuse of open space by abutters using public property for private benefit, the problem needs to be eliminated.

This needs to be reworded as it rather strong and can be construed as antagonistic. There are cases where it may be better to take a less confrontational approach with some abutters to avoid conflicts, subsequent problems or legal liability for the Town. Suggested alternative wording:

“Where there are encroachments and abuse of town owned open space by abutters using public property for private benefit, resolutions to such activity should be pursued.”

2. Planning and Mapping

Add sentence relative to GPS data and GIS mapping: “This data should also be provided for the BFRT.”

Page 61

Add bullet for Bruce Freeman Rail Trail: Identify and Prioritize Maintenance of the Bruce Freeman Rail Trail

Page 63

Delete bullet at top of page “Ensure the BFRT has a designated responsible party for maintenance” as *Section 4 Bruce Freeman Rail Trail* already defines who is responsible for BFRT maintenance

Section 2.5

Add sub-bullet under second major bullet”

“Improve access along public roads by developing sidewalks or bicycle lanes where practical.”

Page 67

Add the Friends of Bruce Freeman Rail Trail (FBFRT) to this list of organizations

Open Space and Recreation Plan – Comments from The Bicycle and Pedestrian Advisory Committee

Page 68

1.1 I - Add BPAC and FBFRT to list of responsible parties

Add 1.1 K Identify and Prioritize Maintenance of the Bruce Freeman Rail Trail

BPAC and FBFRT as Responsible Parties

Add 2.1 F

Create a management plan for the BFRT

Responsible Parties: TM, DPW, BPAC, FBFRT

Add 2.5 E

“Improve access along public roads by developing sidewalks or bicycle lanes where practical.” (ref. To page 63)

Responsible Parties: DPW

Page 97

The BPAC is missing from this Chart. BPAC falls under the BOS and Town Manager

The FBFRT is missing from the Chart. FBFRT is not a town organization and should be free-standing

The BFRT should be included as a property but noted that it is State owned. BPAC and FBFRT should be shown as parties involved in BFRT maintenance.

Group 2 – General Additional Suggestions and Corrections for Consideration

Page 15 – Walking and Cycling

Split first paragraph. Add after first sentence:

“Pedestrian crossing signals exist at some but not all signalized intersections. Audible and countdown pedestrian crossing signals are planned for installation in Chelmsford Center to improve overall pedestrian safety.”

Replace “bicycle triggers at traffic lights” with “bicycle sensors at traffic lights”

Replace “A one day study performed by the Bicycle and Pedestrian Advisory Committee in 2009 recorded approximately 1,200 individuals using the BFRT.”

with

“In September 2010, a 12 hour tally on a Saturday recorded approximately 1,500 trips on the trail.”

Bus Section:

Add sentence: “The LRTA is currently retrofitting all of its buses with bicycle racks.”

MBTA Section:

Add sentence: “The MBTA is adding bicycle racks on train cars and at its stations.”

Open Space and Recreation Plan – Comments from The Bicycle and Pedestrian Advisory Committee

Page 17 – Existing Management and Operation

Clarify first paragraph to indicate that cemetery maintenance is done by the Cemetery Department.
(<http://www.townofchelmsford.us/Cemetary-Department.cfm>)

Include paragraph on the Cemetery Department such as (Note: from their webpage):
The Cemetery Department is responsible for the operation and maintenance of six town cemeteries as attractive, dignified, and appropriate burial grounds. The three member Elected Board of Cemetery Commissioners is responsible for the governance of all Town Cemeteries. The Cemetery Commission appoints a Superintendent to manage daily department operations.

BFRT Maintenance:

Page 20

The wording of paragraph C “Wastewater” is inconsistent with the information in the related paragraph C “Sewer Services” on page 16. The page 16 paragraph more accurately reflects the current state of wastewater/sewerage in Chelmsford whereas the paragraph on page 20 sounds like Chelmsford in 1980.

At the top of this page, should the Charles Parlee property on Acton Road be added to this list? (It may be relevant even if relatively small because of its visibility and proximity to Sunny Meadow Farm.)

Page 25

Correct the spelling of the word “Bovey” as it appears as “Bovery”

Page 28

Correct “Billerica Avenue” to read “Billerica Road”

Page 47

Is motorized boating in fact not allowed on Heart Pond? While canoes and kayaks may be launched off the Pond Street beach, the adjacent boat ramp is not open to use. Yet, there are motorized boats on the pond owned and used by abutting property owners. Are they grandfathered on this use?

Page 45

Change wording in first section:

The Chelmsford portion of the BFRT is the first phase of the trail that will eventually extend from Lowell to Framingham.”

To read “is envisioned to eventually extend from Lowell to Framingham.”

Page 53

Last paragraph relative to invasive species: Add FBFRT to this list of coordinating parties.

Page 55

Add BPAC to the list of departments

Change the word “between” to “among”

Open Space and Recreation Plan – Comments from The Bicycle and Pedestrian Advisory Committee

Page 56 -Table

Add Snow shoeing to the Skiing category

Swimming: add under Availability: “2 private clubs”

Page 58 Subsection “a” Walking and Cycling, second paragraph:

Add after bike facilities “(for example, bike racks, locker rooms, shower facilities, etc.)”

Page 96

An up to date trail map will be provided as a separate file by the FBFRT



Town Offices
50 Billerica Road
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978-250-5248
tsoule@townofchelmsford.us

MEMORANDUM

TO:

ADA Coordinator – 1.1J, 2.5A and 2.5B;
Assessors Department – 2.3C;
Board of Selectmen – General Document, 4.3A;
Bicycle and Pedestrian Advisory Committee – 2.5C, 2.5D;
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Conservation Commission – General Document;
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✓
_____ We support the OSRP (No Concerns) OR _____ See Attached Letter

Organization: Cemetery Commission Signature: Jean R. Mc Caffery, Ch. Date: 11/10/10

*** **PLEASE RETURN THIS SHEET TO THAD SOULÉ** ***
COMMUNITY DEVELOPMENT



Chelmsford Water District

20 Watershed LN
Chelmsford, MA 01824-4884

Answers to Chelmsford's Open Space and Recreation Plan Questionnaire

Question 1:

Any concern the Chelmsford Water District has about recreational use of open space in Chelmsford would come to any possible effect it would have on water resource concerns, whether they be quantity or quality in nature. Any use that would entail motorized recreational vehicles would have to be discussed for reasonable concerns over possible VOC contamination. The District is limited by the Massachusetts Department of Environmental Protection over what can and can not be allowed on land that the District owns. In addition the Town of Chelmsford is limited as well in this regard by the Town Bylaws, Article XIV, Chapter 195-69 through 70. If said uses do not pose any threat to the stated concerns of water quantity or quality, the District would not oppose such uses but would like to party to any discussion as a working partner of the Chelmsford community.

Question 2:

The District has no plans to eliminate any program or service currently being offered or run by the District. As for expansion, the District operates in a fluid sector of municipality operations that has to adjust for a multitude of factors. The District currently has no specific plans to expand its operation beyond what currently exist right now. However, the District must stay open to chances that allow it to better protect the water resources under its charge. Any change in the availability of reliable clean water resources such as contamination, loss of a source, loss of treatment resource and any change in the District operating regulations will require the District to react as best mandated to do so.

Question 3:

The facilities that the District owns are not what could be considered open for public use, mostly. The only facility open to possible use could be the District Offices at Watershed Lane. This would have to be strongly coordinated and worked out between the parties involved and the Board of Water Commissioners and Superintendent. The District currently works at being a partner with the Town and its' many organizations, such as the girl scouts and school system.

Question 4: NA

Commissioners

Ronald W. Wetmore, Chairman
Roger C. Mann
John G. Harrington

Operations

Robert J. Delaney, Superintendent
Tel: (978) 256-2911
Fax: (978) 256-7114
E-mail: rdelaney@chelmsfordwater.com

Administration

Maureen D. Ham, Manager
Tel: (978) 256-2381
Fax: (978) 244-1434
E-mail: maureen@chelmsfordwater.com

Question 5:

The District would be interested participating in any program that promoted conservation, whether it is water or energy. The District looks to be a working partner with the Town in these times.

Question 6:

The District looks to be the same job it has since 1913, in that it will protect water resources and supply clean and safe drinking water.

Question 7:

The greatest challenges to the District will come in the form of regulation, possible diminished resources or loss of sources and a growing population. The loss or diminishment of water resource can be natural or regulatory and so the District must maintain its standing within the State and its industry.

Question 8:

The District is very limited legally to what it can and can not do with the land under its stewardship. State law holds the District to a very strict course of action on what it can do with and how it deals with these lands. First and foremost, the District is required to protect it and the water sources that these lands protect. Recently, the District has worked with Town committees for the betterment of both in dealing with these types of land issues and the result was satisfying to most parties. However the process was long and hard. The District can say it has no intent to divest itself of any of these properties, in truth legally it can not.

Question 9:

As to the District plans to acquire open spaces, the District is mandated by both state federal agencies to look toward acquiring land that will protect the aquifers that the District pulls from. So, the District tries to be aware of opportunities of that nature as a normal operating procedure but has no pre-determined plan or course of action in this regard.

Sincerely,

*The Chelmsford Water District Commissioners
Ronald W. Wetmore
John G. Harrington
Roger C. Mann*

Robert J. Delaney, Superintendent



Town Offices
50 Billerica Road
Chelmsford, MA 01824
978-250-5248
tsoule@townofchelmsford.us

MEMORANDUM

TO:

ADA Coordinator – 1.1J, 2.5A and 2.5B;
Assessors Department – 2.3C;
Board of Selectmen – General Document, 4.3A;
Bicycle and Pedestrian Advisory Committee – 2.5C, 2.5D;
Cemetery Commission;
Chelmsford Friends of the BFRT;
Chelmsford Land Conservation Trust, Inc.;
Chelmsford Open Space Stewardship – 1.1I;
Chelmsford School Committee 2.1D, 3.2C;
Chelmsford Water District - 4.3C, 4.3D;
Community Preservation Committee – 4.1A, 4.1B, 4.1 C,
4.2A, 4.3M, 4.3N;

Conservation Commission – General Document;
Director Department of Public Works – 2.1E;
Director of Community Development – General Document;
East Chelmsford Water District - 4.3C, 4.3D;
Historical Commission – 1.1F;
NMCOG
North Chelmsford Water District - 4.3C, 4.3D;
Permanent Building Committee;
Planning Board – 4.3O; and
Town Manager – General Document, 2.1C, 2.3A, 2.3B, 2.4A,
4.3J, 4.3L, 4.3Q.

FROM: Open Space and Recreation Plan committee

DATE: October 27, 2010

SUBJECT: Draft 2010 Open Space and Recreation Plan (OSRP)

A representative from each Board, Committee, Commission, Department, or Organization listed above received an electronic copy of the Draft 2010 OSRP via email. Next to each group name is a reference to the Action Items (See Section 9) specifically relevant to your organization.

- Please review the plan with your group and complete this form acknowledging that you support the Draft 2010 OSRP.
- If you have comments, edits, or recommendations please provide these in a letter and return them with this form.

If you did not receive a copy of the Draft 2010 OSRP, please contact Thad Soulé in the Chelmsford Community Development Department.

Please submit your comments and/or recommendations to the Open Space and Recreation Plan Committee no later than **November 30, 2010.**

_____ **(We support the OSRP (No Concerns))** OR _____ **See Attached Letter**

Organization: CHELMSFORD LAND CONSERVATION TRUST, INC Signature: KADews Date: 12-7-2010
VICE PRESIDENT

*** **PLEASE RETURN THIS SHEET TO THAD SOULÉ** ***
COMMUNITY DEVELOPMENT



Town Offices
50 Billerica Road
Chelmsford, MA 01824
978-250-5248
tsoule@townofchelmsford.us

MEMORANDUM

TO:

ADA Coordinator – 1.1J, 2.5A and 2.5B;
Assessors Department – 2.3C;
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Community Preservation Committee – 4.1A, 4.1B, 4.1 C,
4.2A, 4.3M, 4.3N;

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NMCOG
North Chelmsford Water District - 4.3C, 4.3D;
Permanent Building Committee;
Planning Board – 4.3O; and
Town Manager – General Document, 2.1C, 2.3A, 2.3B, 2.4A,
4.3J, 4.3L, 4.3Q.

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- If you have comments, edits, or recommendations please provide these in a letter and return them with this form.

If you did not receive a copy of the Draft 2010 OSRP, please contact Thad Soulé in the Chelmsford Community Development Department.

Please submit your comments and/or recommendations to the Open Space and Recreation Plan Committee no later than **November 30, 2010.**

X *voted on Nov 23rd, 2010*
We support the OSRP (No Concerns) OR See Attached Letter

Organization: Conservation Signature: Thad Soule Date: 11/30/2010

*** **PLEASE RETURN THIS SHEET TO THAD SOULÉ** ***
COMMUNITY DEVELOPMENT

Chelmsford Dog Association

* What are your concerns with regards to open space and recreation?

The CDA is in the process of trying to locate a minimum two acre parcel for the creation of a dog park. What we are finding is that most of the available unused space is wetland, and cannot be developed for any reason. We would be concerned that in the future you will see too many restrictions placed on Open Space (Example: no horses here, only agriculture here, no dogs there, etc)

* What plans does your group/organization have for programs, expansion, or elimination of services in the next 5 and 10 years?

If an appropriate location can be found, the CDA plans on entering into an agreement with the Town of Chelmsford to maintain a Dog Park. We would continue to have public awareness events and seminars on responsible pet ownership and training, and would probably expand to hosting a Dog Show and similar fundraising events. The CDA will continue to grow and expand over the next five years. In ten years we would like to see a successful first dog park, and possibly the completion of a second park.

* What facilities do you own that you see benefiting from more or less public use?

The area of the proposed Dog Park would be Town owned land, developed for the enjoyment of dogs and their owners.

* What facilities/programs would you like to see that the Town could potentially provide?

The CDA is working with the town to create a Dog Park, as no such facilities exist at this time.

* What mutually beneficial projects could your organization/group undertake with the Town?

The CDA could help educate the residents of Chelmsford and not just dog owners of the responsibilities of owning pets. How to prevent dog bites, the mandatory dog license, the importance of state required and additional vaccines.

* What role will your organization be playing in 5 to 10 years?

The CDA will continue to upgrade and maintain a dog park, and provide other training and educational opportunities.

* What will be your greatest challenges moving forward?

Our greatest challenge to date has been to locate a useable parcel that is not wetland or wildlife habitat, and the funding needed to make the park operational.

* Do you anticipate divesting or changing the use of any of your open or vacant land within the next 5 to 10 years?

Hopefully just continued improvements and maintenance.

* Do you have plans or desires to acquire any open space in the next 10 years?

The CDA would like to create at least one Dog Park in Chelmsford, and after that, we may consider working with or consulting for other town's groups for parks in other towns. It may take several years to get the park in Chelmsford equipped the way we'd like it. After that, we would like to consider creating a second park in town, if feasible.



Town Offices
50 Billerica Road
Chelmsford, MA 01824
978-250-5248
tsoule@townofchelmsford.us

MEMORANDUM

TO:

ADA Coordinator – 1.1J, 2.5A and 2.5B;
Assessors Department – 2.3C;
Board of Selectmen – General Document, 4.3A;
Bicycle and Pedestrian Advisory Committee – 2.5C, 2.5D;
Cemetery Commission;
Chelmsford Friends of the BFRF;
Chelmsford Land Conservation Trust, Inc.;;
Chelmsford Open Space Stewardship – 1.1I;
Chelmsford School Committee 2.1D, 3.2C;
Chelmsford Water District - 4.3C, 4.3D;
Community Preservation Committee – 4.1A, 4.1B, 4.1 C,
4.2A, 4.3M, 4.3N;

Conservation Commission – General Document;
Director Department of Public Works – 2.1E;
Director of Community Development – General Document;
East Chelmsford Water District - 4.3C, 4.3D;
Historical Commission – 1.1F;
NMCOG
North Chelmsford Water District - 4.3C, 4.3D;
Permanent Building Committee;
Planning Board – 4.3O; and
Town Manager – General Document, 2.1C, 2.3A, 2.3B, 2.4A,
4.3J, 4.3L, 4.3Q.

FROM: Open Space and Recreation Plan committee

DATE: October 27, 2010

SUBJECT: Draft 2010 Open Space and Recreation Plan (OSRP)

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- If you have comments, edits, or recommendations please provide these in a letter and return them with this form.

If you did not receive a copy of the Draft 2010 OSRP, please contact Thad Soulé in the Chelmsford Community Development Department.

Please submit your comments and/or recommendations to the Open Space and Recreation Plan Committee no later than **November 30, 2010.**

_____ We support the OSRP (No Concerns) OR See Attached Letter

Organization: Friends of the Bruce Freeman Rail Trail Signature: [Signature] Date: 11/30/2010

*** **PLEASE RETURN THIS SHEET TO THAD SOULÉ** ***
COMMUNITY DEVELOPMENT



Friends of the Bruce Freeman Rail Trail

<http://www.brucefreemanrailtrail.org/>

30 November 2010

Thaddeus Soule
Community Development Office
Town Offices
50 Billerica Rd.
Chelmsford, MA 01824

Dear Mr. Soule,

In general, the Friends of the Bruce Freeman Rail Trail (BFRT) agree with the policy captured in the Draft Town of Chelmsford Open Space and Recreation Plan 2010. However, there are some places where we believe the policy would benefit from additions or modifications. Those areas are noted in the first set of comments in the first attachment. The second set of comments in the first attachment contains suggestions on changes to the text not specifically related to policy. The second attachment is an updated map of Phase 1 of the Bruce Freeman Rail Trail.

Thank you for your consideration of our input. Please let me know if you have any questions.

Sincerely,

Cynthia McLain
Board of Directors, Chelmsford Representative
Friends of the Bruce Freeman Rail Trail
P.O. Box 202
Chelmsford, MA 01824
cynthia.mclain@comcast.net
978-726-0864

attachments:

Friends of the BFRT comments on the Draft 2010 OSRP
BFRT Phase 1 map

cc:

Tom Michelman, President, Friends of the Bruce Freeman Rail Trail
Sharon Galpin, Board of Directors, Friends of the Bruce Freeman Rail Trail
Tom Gazda, Chair, Chelmsford Bicycle and Pedestrian Advisory Committee

Friends of the BFRT Comments on the Draft 2010 Open Space and Recreation Plan (OSRP)

#	section	page	text	comment
1. Comments related to Policy				
1-1		7	Lewis property possible site usage	Picture should include the planned path to BFRT from Sunny Meadow Farm along the easement between Robin Hill Road and the BFRT.
1-2	3B, #4	11	"to follow an abandoned rail line"	Please substitute " dormant " for " abandoned ". The word "abandoned" has specific legal meaning that does not apply in this case.
1-3	3E	17-18	Missing information	Please include text indicating that the BFRT property is owned by the Commonwealth of Massachusetts and vested with the Massachusetts Department of Transportation (MassDOT), Highway Division. By a Memorandum of Agreement (MOA), the Town of Chelmsford is responsible for maintenance and operation of the rail trail. Within the Town of Chelmsford, the Department of Public Works (DPW) is responsible for maintaining the rail trail property, the Chelmsford Police Department is responsible for policing it, and the Bicycle and Pedestrian Advisory Committee (BPAC) is responsible for coordinating activities on it, including maintenance. Maintenance activity performed by the DPW includes bi-annual sweeping of the trail, installation and maintenance of trail signs, restriping of crosswalks, and refreshing of worn pavement markings. The Friends of the Bruce Freeman Rail Trail (FBFRT) have a Chelmsford Trail Crew that assists the Town with maintenance activities on the trail including litter pickup and disposal, weeding, grass trimming, removal of debris from the trail surface, and general clean up. MassDOT, Highway Division maintains the infrastructures of the Rt. 3 tunnel and the Rt. 495 overpass. Maintenance of the Rt. 3 and Rt. 495 infrastructures includes repair and replacement of lights and removal of graffiti.
1-4	5B, #4	45	"responsible for maintenance of the travel surface"	Should be " responsible for maintenance and operation of the facilities ". This language is used in the MOA for the BFRT. The facilities in Chelmsford include the shoulders, landscaping, railings, fencing, signage, pavement markings, and barrier posts in addition to the travel surface.
1-5	7A, #3	53-54	Additional information	We request that invasive plant species control and native flora monitoring be coordinated with the FBFRT for the areas on and adjacent to rail trail. a) Add BFRT to "Availability" column for "Hiking/Walking" b) Add BFRT to "Availability" column for "Skateboarding" c) Please consider adding a line for "Running". The BFRT provides a facility for running (as do the school tracks and the cpservation properties) d) Please add a line for "Inline Skating". There are limited areas that are suitable for inline skating. The BFRT provides a facility for inline skating. Inline skaters are tabulated separately during the trail usage counts for this reason.
1-6	table	56	Missing information	

Friends of the BFRF Comments on the Draft 2010 Open Space and Recreation Plan (OSRP)

#	section	page	text	comment
1-7	7C, #1	59	"Where there are encroachments and abuse of open space by abutters using public property for private benefit, the problem needs to be eliminated."	Please consider rewording. There is significant concern with the scope and strength of the current wording. a) The State enters into agreements with abutters for easements and lease agreements. The Town is not party to those agreements. Consider replacing "open space" with " Town-owned open space. " b) Suggest changing " problem needs to be eliminated " to something less forceful. In some cases, the public good may be better served by not antagonizing abutters. Wording such as: " measures should be taken to resolve the issue " or " resolutions to such activity should be pursued " is recommended.
1-8	7C, #2	59	Missing information	A trail map has been developed for the BFRF. The BFRF needs to be GPS located. Once available, the GPS location information should be transferred to GIS and a trail map for emergency responders. Consider adding a separate bullet for Bruce Freeman Rail Trail with sub-bullets for Inventory historic and natural resources Identify areas along the BFRF where access should be limited Identify and prioritize maintenance needs Identify and prioritize accessibility improvements The BFRF and BPAC would be included as responsible parties. (CON as well for limiting access, HC and CON for inventory, ADA for accessibility improvements). If this bullet is not added the BPAC and BFRF should be incorporated into the appropriate items in Section 9.
1-9	8, 1.1	61	Missing information	
1-10	8, 2.4	63	"Ensure the BFRF has a designated responsible party for maintenance..."	The BFRF has multiple designated parties responsible for maintenance, see comment 1-3 (regarding section 3E, pages 17-18). Consider deleting.
1-11	9	67	Organizational Acronyms	Please add BFRF for Friends of the Bruce Freeman Rail Trail
1-12	Goal 1.1 I	68		Please add BPAC, BFRF to this item or add items if bullets added per comment 1-9.
1-13	Goal 2.1	68		BPAC and BFRF should create a management plan for the BFRF
1-14	Goal 2.4 B	69		Please delete item or add BFRF. (See comments 1-3 and 1-10)
1-15	Goal 3.1	69		Please add BPAC, BFRF for BFRF
1-16	Goal 3.2 B	70		Please add BPAC, BFRF for BFRF
1-17	Goal 4.3 I	71		Please add BFRF (for BFRF)
1-18	Appendix 2	96	BFRF Phase 1 map	Map is outdated. New map is supplied with these comments.

Friends of the BFR T Comments on the Draft 2010 Open Space and Recreation Plan (OSRP)

#	section	page	text	comment
1-19	Appendix 2	97	Organizational chart	Organization chart should include state owned property. The BFR T is owned by the state and maintained by DPW and the BFR T. BPAC coordinates activities on the trail.
1-20	Appendix 2	97	Organizational chart	Organization chart should include BFR T. BFR T is an all-volunteer non-profit organization. It "Maintains" the BFR T, along with DPW.
1-21	Appendix 2	97	Organizational chart	Organization chart should include BPAC. BPAC should be a blue box under "Board of Selectmen (Town Manager)", similar to the Conservation Commission. The BPAC "Coordinates" the BFR T.
1-22	Appendix 3, BPAC	99		Please include 2.4 B (if retained) + additional Goals noted in comments for BPAC
1-23	Appendix 3	102	Missing information	Please add "Friends of the Bruce Freeman Rail Trail". Include relevant Goals.

2. Non-policy-related Comments

				Consider substituting "A 12-hour tally in September of 2010 recorded approximately 1,500 trips on the BFR T on a Saturday". a) "Tally" is more accurate than "study". b) Individuals may be counted more than once (out and back). The count could reflect half as many individuals as the number of trips. Trips is what was counted. c) 2010 numbers are more up-to-date. d) Multiple counts were taken in 2010 (June, July and September -- on Saturdays and Tuesdays). The number 1500 reflects the highest number of trips recorded in 2010 at a single location.
2-1	3D, #2a	15	"A one day study in 2009 recorded approximately 1,200 individuals using the BFR T"	
2-2	4E, #3	25	"Bovey/McDermott Woodlots and BFR T"	Should be "Bovey"
2-3	5B, #4	45	"trail that will eventually extend"	Suggest using "trail that is envisioned to extend". Although the BFR T is working towards this goal, there are significant hurdles to be overcome including acquisition of the rail property in south Sudbury and Framingham.
2-4	table	56	Skiing (cross-country)	Consider adding "Snowshoeing" to "Activity" column with "Skiing (cross-country)"

Re: Input from the Chelmsford Girl Scouts

Please note the Girl Scouts of Chelmsford are in the Tahattawan Neighborhood. We are a group of girl scouts and adult volunteers in the council of the Girl Scouts of Eastern MA located in North Andover, Waltham, Middleboro and Boston, Massachusetts.

1. What are your concerns with regards to open space and recreation?

It is great that the town has continued to support the open space cultivation. The Stewards have done an outstanding job improving and maintaining these properties, but there is concern that this momentum and support may not continue because of budget limitations.

2. What plans does your group/organization have for programs, expansion, or elimination of services in the next 5 and 10 years?

We hope to continue to serve any girl in Chelmsford who would like to be a Girl Scout and we expect to continue to offer this level of service for the long term.

3. What facilities do you own that you see benefiting from more or less public use?

We do not own any facilities in Chelmsford.

4. What facilities/programs would you like to see that the Town could potentially provide?

Overnight camping opportunities in open spaces (i.e. Red Wing Farm) would be good. GSEM I requires a Certificate of Liability for these activities and it is unknown if this can be provided.

5. What mutually beneficial projects could your organization/group undertake with the Town?

The Girl Scout program encourages public service, so projects that would give girls opportunities to give service in town and to explore the world around them would be beneficial.

6. What role will your organization be playing in 5 to 10 years?

We will continue to support the Stewards by promoting opportunities for service and enjoyment of Open Spaces to over 600 girls and their families.

7. What will be your greatest challenges moving forward?

We are challenged to remain relevant and financially solvent.

8. Do you anticipate divesting or changing the use of any of your open or vacant land within the next 5 to 10 years (if you have any)? N/A

9. Do you have plans or desires to acquire any open space in the next 10 years? N/A

Please mail or email your responses by May 7, to me at loganbeth@lycos.com.

Historical Commission

Survey

1. What are your concerns with regards to open space and recreation?
2. What plans does your group/organization have for programs, expansion, or elimination of services in the next 5 and 10 years? The Historical commission does not plan to eliminate services over the next 5-10 years. We plan to develop a Historical Plan identifying areas to be protected, to develop more education programs to promote more preservation and to work on developing by laws to help protect our historic assets.
3. What facilities do you own that you see benefiting from more or less public use? The Commission does not own facilities, but cares for several buildings in Town. All of our historic buildings would benefit from more public use, the more a building is used, the more the Town will realize the value of the building and provide care for the building. We would like to see the North and Center Town Halls booked to capacity, the 1802 School House be used to teach children, the Toll House to house an exhibit on the Middlesex Canal.
4. What facilities/programs would you like to see that the Town could potentially provide? More local history in the school, especially at the secondary level. Our children do not know the extraordinary parts our local forefathers played in the defining who we are today. For example Simeon Spaulding, Matthias Spaulding, Nettie Stevens, John Dalton or Willard Parker.
5. What mutually beneficial projects could your organization/group undertake with the Town? Identifying and preserving our historical assets.
6. What role will your organization be playing in 5 to 10 years? More education and preservation.
7. What will be your greatest challenges moving forward? Education and finding the funding for preservation.
8. Do you anticipate divesting or changing the use of any of your open or vacant land within the next 5 to 10 years? The commission does not own open land, and the town will not divest itself of open spaces such as cemeteries.
9. Do you have plans or desires to acquire any open space in the next 10 years? The CPC plan to acquire open space when available.



Northern Middlesex Council of Governments

January 31, 2010

Melissa Cryan
Grants Manager
Executive Office of Energy and Environmental Affairs
100 Cambridge Street, Suite 900
Boston, MA 02114

A Multi-Disciplinary
Regional Planning
Agency Serving:

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Beverly A. Woods
Executive Director

40 Church Street
Suite 200
Lowell, MA
01852-2686

TEL: (978) 454-8021

FAX: (978) 454-8023

www.nmcog.org

Dear Ms. Cryan:

The Northern Middlesex Council of Governments (NMCOG) has reviewed the revised Draft Open Space and Recreation Plan for the Town of Chelmsford. NMCOG staff finds the Plan to be consistent with the *Greater Lowell Open Space and Recreation Plan*. In addition, the Plan complies with the guidelines set forth by your office, and provides town decision-makers with specific guidance for protecting and enhancing the community's resources. It is our understanding that the Town is in the process of addressing the ADA/Section 504 requirements, per your letter of November 23, 2010.

Such a coordinated and well-planned initiative will ensure that the special places and resources of Chelmsford can be enjoyed by future generations. By undertaking this planning effort, the Town has recognized that protection and stewardship of its natural, cultural, recreational and historical resources is essential to the overall quality of life, health, vitality and sustainability of the community, the region, and the Commonwealth.

Please feel free to contact me directly should you have questions regarding NMCOG's support for the updated Plan or if you require additional information. NMCOG looks forward to the successful implementation of the Action Plan over the upcoming years and commends the Town for its efforts.

Sincerely,

Beverly Woods
Executive Director

Cc: Chelmsford NMCOG Councillors
Conservation Commission

NORTH CHELMSFORD WATER DISTRICT

P.O. Box #655

North Chelmsford, MA 01863-0655

Tel. (978) 251-3931 Fax. (978) 251-1181

April 23, 2010

Mr. David McLachlan
Open Space Committee
Town of Chelmsford
50 Billerica Road
Chelmsford, MA 01824

Dear Mr. McLachlan,

The following is in response to the questions posed in your recent letter.

Q. What are your concerns, if any, with regards to open space and recreation as it affects the Water District?

A. The North Chelmsford Water District feels the Open Space Committee should allocate the DPW acreage to remain open space after the DPW relocates to the Alpha Road site. The land should be limited to recreational use only without any development. Additionally, the residential home located at 58-60 Richardson Road should be looked at and if possible converted to open space. At the present time, this property is an eyesore and a detriment to the surrounding area.

Q. What plans does the District have for programs, expansion, or elimination of services in the next 5 and 10 years? Will the District need additional land in the next 5-10 years?

A. There is a potential well site located in the same area as the DPW that currently has two observation/monitoring wells. These wells could be beneficial to the North Chelmsford Water District in the future.

Q. Is there any land that you own that you see benefiting from more or less public use?

A. The North Chelmsford Water District owns 7.98 ± Acres of land abutting the DPW Facility on Richardson Road. By converting the present DPW location to open space for recreational use, the North Chelmsford Water District would not have to worry about the future use of the land and the potentially negative impact of its use on the Districts water supply.

Q. Are there any projects that your District could undertake with the Town?

A. That is a possibility. The North Chelmsford Water District always works in conjunction with the Town. The DPW relocation and the building of our \$8.4 million Treatment Plant are testaments of that.

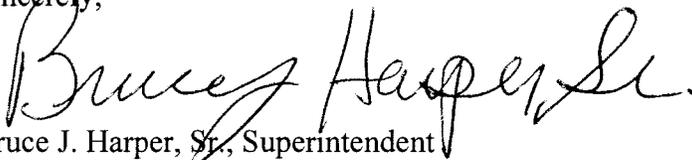
Q. What will be your greatest challenges moving forward?

A. The North Chelmsford Water District's main priority is protecting our water supply. We would be very concerned about possible future contamination should the DPW property not be converted to open space for recreational use.

Q. Do you anticipate divesting or changing the use of any of your open or vacant land within the next 5-10 years?

A. Not at this time.

Sincerely,

A handwritten signature in black ink that reads "Bruce J. Harper, Sr." The signature is written in a cursive style with a large initial "B" and a long, sweeping underline.

Bruce J. Harper, Sr., Superintendent
North Chelmsford Water District

Input for the Open Space and Recreation Plan

From the Slow Growth Initiative

April 14, 2010

Open Space is a critical and dwindling asset of the Town of Chelmsford. The work of the Conservation Commission in formulating an Open Space and Recreation Plan is valuable and important.

The 1996 Master Plan, 2008 Build-Out Analysis, and testimony to the Master Plan Committee by the Director of Community Development all affirm that Chelmsford is a “mature” community. The quantity of remaining open space is relatively small. And so, as Town Hall promulgates an approach to open space, and as the community struggles to retain its character, now is the time to recognize the important benefits conferred by open space.

First, open space strengthens the environmental integrity of our land. The plant life, animal life, hydrological cycle, and even air quality are all inextricably linked to the presence of adequate open space. As leaders of this community, we are not just administrators of a town, we are stewards of an environment.

Second, open space is a critical component of the Town’s character. One of the features that distinguishes Chelmsford from urbanized communities is the frequent and accessible presence of open space parcels. While urban communities designate a few parcels as open space and check off the “open space box”, suburban communities like Chelmsford owe it to their residents to provide multiple and quality open space parcels. Not doing so strikes a blow against the very character of our community.

Third, open space is fiscally salubrious. At a time when budgets are shrinking and residents’ finances are suffering, open space stands as an inexpensive and risk-free investment. New homes may fail to sell and additional commercial space may add fiscal burdens to the strained budget – but open space presents no “drain” on budgets.

Fourth, open space is a source of community. Parks are places where families leave their isolated homes and seek recreation in and connection to the broader community. Many long-time residents lament the loss of the communal connections common decades ago. Sadly, the shrinking of open spaces has been a contributor to this trend.

Fifth, quality open space raises the property values of residents’ homes. As the housing market recovers and many residents look forward to homes that are once again worth more than their mortgages, the value boost provided by open space is welcome and important. Homes are the biggest investment that most individuals make in their life; and so, it is fitting and appropriate that the Town take steps to increase the value of these investments.

With these benefits in mind, we recommend the following:

- A. Take steps to reverse the decision to develop Center Park. This land represents one of the few open spaces in the town center. It is a source of natural beauty, recreation, and historical significance. Moreover, this land is clearly important to the environment in several ways: It acts as one of the few watershed areas in the center; it is used heavily by bird species; and it rests near an aquifer.
- B. Protect and preserve the 392 acres of unprotected Town-owned open space. Currently, out of 2378 acres of open space in town, 1610 acres are permanently protected. Of the remaining 768 acres of unprotected open space, the Town owns 392 acres and private holders own the rest. These 392 acres must be recognized for their importance and affirmative measures should be taken to, over time, secure them for generations to come.
- C. Funds should be raised to purchase and permanently protect as much of the 376 acres of privately owned unprotected open space as possible. The Town need not necessarily fund these purchases; fundraisers and underwriting grants could move this process forward without an attendant increase in taxes or cut in programs. The Conservation Commission should partner with existing conservation groups already committed to this goal.

Open space must be vigilantly guarded. Once it is ceded to development, it is almost never returned to its natural state. Therefore, with each passing loss of open space, this most natural of assets is lost forever.

It is easy to cave to development pressures. The temptation to permit “job-creating” and “profitable” development is often great. And frequently we can justify giving in by rationalizing that a few lost acres will do little to alter the community at large. However, like a ship setting out on a long journey, a slight error in navigation will, over the course of the journey, place the ship at a terribly wrong destination. Like a well-skippered ship, the Town must resist any forces that seek to alter our course, even if only a few degrees are only at stake.

In the end, open space is something we pass on to the next generation. We must make the prudent and circumspect conservation decisions made by many of our predecessors. We must allow our children to benefit, as we have benefited, from careful and aggressive stewardship of Chelmsford’s open space.

Open Space and Recreation Plan Committee
Town of Chelmsford
50 Billerica Rd.
Chelmsford, Ma 01824

Minutes
Meeting-January 25, 2010
(Approved May 25, 2010)

Meeting Location: Room 110, Town Offices, 50 Billerica Road, Chelmsford, Ma 01824

Members Present: Beth Logan - Chairman, Rebecca Markey, David McLachlan, Erik Merrill, Steven Roberts, Edmond Roux, Charles Wojtas

Members Absent: Michael Koziel

Others Present: Thad Soulé - Staff Representative

First meeting was called to order at 7:05 PM

Introductions

Beth Logan – Conservation Commission & Community Preservation Committee

Rebecca Markey – Chelmsford Land Conservation Trust & Community Preservation Committee

David McLachlan – Conservation Commission

Erik Merrill – Animal Control Officer

Steven Roberts – Open Space Stewardship

Edmond Roux – Planning Board

Charles Wojtas – Agricultural Commission

Thad Soulé – Conservation Agent / Planner

Reviewing Plan Goals

Discussion of how the Open Space and Recreation Plan (OSRP) should be different from the Town's Master Plan. Components should include:

- Updated open space and recreation inventory
 - Privately owned open space
 - Conservation Restrictions
 - Water district lands
 - Cemeteries
 - Assessor's information
 - Athletic fields (how many does the Town need and what types?)
- Need data from the Community Education Department at the schools
 - Field scheduling and use
 - Rules on school use vs. adult or civic team use
 - Facility ownership vs. management
 - Facility sharing, fees, permits, and MOUs
- Definition of "open space"
- General categories that should be identified by the OSRP
 - Natural Resource Area
 - Recreation

- Cultural / Historical
- Agriculture
- Itemized inventory of open space
- Parties responsible for implementing plan components

The plan should acknowledge the accomplishments that have taken place since 2003, which should include:

- Bruce Freeman Rail Trail
- Open Space Stewardship
- Community Gardens

Defining Open Space

Mr. McLachlan noted that defining open space is critical to crafting the OSRP. Mr. Soulé cited the Massachusetts OSRP Workbook provided by the EOEEA as a source to begin looking at Chelmsford's definition:

"The term "open space" is often used to refer to conservation land, forested land, recreation land, agricultural land, corridor parks and amenities such as small parks, green buffers along roadways or any open area that is owned by an agency or organization dedicated to conservation. However, the term can also refer to undeveloped land with particular conservation or recreation interest. This includes vacant lots and brownfields that can be redeveloped into recreation areas. Some open space can be used for passive activities such as walking, hiking, and nature study while others are used for more active recreational uses including soccer, tennis, or baseball."

Forwarding Information

- Mr. Soulé will forward Word and PDF copies of the 2003 OSRP to those who request it, so long as it does not exceed email capacity. He noted that the appendices are too large to send via email.
- Mr. McLachlan or Ms. Logan will forward copies of the Master Plan section on open space and recreation

Topics for Future Discussion

- Public Input and Public Meeting to Accept the Final Plan
- How many of the 2003 OSRP's goals and objectives were completed (why or why not?)

Election of Chairman

Motion: by Mr. McLachlan to nominate Ms. Logan to be Chairman of the Committee. Seconded by Mr. Merrill. **Motion carries, unanimous.**

Motion: to adjourn meeting at 9:00 PM by Ms. Markey. **Unanimous.**

Next Meeting: February 23, 2010.

Respectfully Submitted,
Thad Soulé

Open Space and Recreation Plan Committee
Town of Chelmsford
50 Billerica Rd.
Chelmsford, Ma 01824

Minutes
Meeting-February 23, 2010
(Approved April 27, 2010)

- Meeting Location:** Room 110, Town Offices, 50 Billerica Road, Chelmsford, Ma 01824
- Members Present:** Beth Logan - Chairman, Michael Koziel, Rebecca Markey, David McLachlan, Erik Merrill, Steven Roberts, Edmond Roux
- Members Absent:** Charles Wojtas
- Others Present:** Thad Soulé - Staff Representative

The meeting was called to order by Ms. Logan at 7:02 PM

Mission and Purpose

The Committee reviewed the 2003 OSRP mission and purpose. The following comments and suggestions were discussed:

- Repurposing the classification of Chelmsford as a mature town at near build out
- Describe the change in support structure for parks and recreation
- Emphasize the need to maintain the open space and recreation the community already has
- Describe the change in the Town's focus due to budget crises and ability to fund fewer services
 - Fiscally sound means of moving forward with open space and recreation
 - Importance of prioritizing due to limited resources
- Proactive identification of highest priority open space that is available
- Mission Statement should be a concise statement that stands out from the supporting description
 - Open spaces and recreation areas contribute to the quality of life in Chelmsford and the Open Space and Recreation Plan is a tool to guide the maintenance, improvement, acquisition, and accessibility of these resources for the inhabitants of Chelmsford

OSRP Sections

Ms. Logan proposed that individual sections of the OSRP could either be deliberated by the Committee as a whole, or delegated to individuals or groups of individuals working together, and then they could present their updates and changes to the Committee. There was no objection to moving forward with individuals volunteering to work on different components of the plan. Individuals adopted the following sections.

- | | | | |
|------------|-----------|-------------|---------|
| Section 1: | | Section 7: | |
| Section 2: | Logan | Section 8: | Roux |
| Section 3: | McLachlan | Section 9: | |
| Section 4: | Markey | Section 10: | Roberts |
| Section 5: | Soulé | Section 11: | |
| Section 6: | Merrill | | |

Ms. Logan noted that the other sections would be worked on at a later date as they are dependant on completing research, data gathering and analysis as part of the initial sections assigned. Mr. Koziel will also be examining other town's OSRPs as a comparables analysis to help guide and inform the format and any additional content that the Committee may wish to include.

Public Input

Discussion of the best means for the Committee to give citizens an opportunity to comment on and contribute to the OSRP. This should include the public input and comments gathered on the open space and recreation portion of the Town's Master Plan, as gathered by NMCOG. The Committee weighed the benefits of a survey, both an electronic internet survey using "Survey Monkey" or posting to several news and electronic network websites (In-Town Report, www.chelmsfordmassnews.com), and a paper format that can be distributed and collected manually at the Library, Town Offices, and Senior Center.

The survey distributed for the 2003 OSRP was read and the Committee discussed including this survey again. The benefit being that they could compare answers between the two survey results and this would provide additional data about individuals opinion of open space and recreation in Town and potentially, how it has changed or stayed the same in the past seven years.

Mr. Roberts volunteered to lead the survey creation, distribution, and tabulation. Ms. Logan noted that Committee members should report any edits or suggested changes to the survey (such as the age/demographic categorization) to Mr. Roberts by March 2, 2010.

Defining Open Space

Ms. Logan noted that the initial definition of open space was discussed at the previous meeting and that the draft plans prepared by Mr. Soulé reflect the broad categories of open space that were identified. Mr. McLachlan noted that the Community Development office differs in their definition of Open Space from NMCOG and asked Mr. Soulé to explain that the regional planning authority included buildings and publicly owned land that was not necessarily protected open space. Mr. Soulé cited the Recreational and Open Land statute (M.G.L. Ch. 61B) that defines open land as that:

"retained in substantially a natural, wild, or open condition, or in landscaped condition in such a manner as to allow to a significant extent the preservation of wildlife and natural resources."

Motion: to adjourn meeting at 8:52 PM by Ms. Markey. **Unanimous.**

Next Meeting: March 23, 2010.

Respectfully Submitted,
Thad Soulé

Open Space and Recreation Plan Committee
Town of Chelmsford
50 Billerica Rd.
Chelmsford, Ma 01824

Minutes
Meeting-March 23, 2010
(Approved May 25, 2010)

Meeting Location: Room 110, Town Offices, 50 Billerica Road, Chelmsford, Ma 01824

Members Present: Beth Logan - Chairman, Michael Koziel, Rebecca Markey (arrive at 7:13), David McLachlan, Steven Roberts (arrive at 7:18), Edmond Roux, Charles Wojtas

Members Absent: Erik Merrill

Others Present: Thad Soulé - Staff Representative, Student Observer

The meeting was called to order by Ms. Logan at 7:07 PM

- Mr. Soulé distributed the memorandum to NMCOG from the Chelmsford Community Development Department explaining the open space inventory tables and summaries
 - The Committee agreed that the information in the tables was very useful for the OSRP and that categorization by use was helpful in describing the types of open space
- Mr. McLachlan recommended that the Town pursue ownership of the unprotected open space currently held by the Commonwealth
- Chapter 61, 61A, and 61B were defined and discussed briefly
- Mr. Roberts presented data collected from the web survey, which collected 82 responses
 - The statistics were reviewed briefly and will be evaluated as part of the community input section of the report
 - It was recommended that the 2010 survey data be compared to the 2003 survey by presenting each in two columns
- Discussion of athletic fields (McCarthy, Friendship Field at Richardson Fields, Murphy Field at Russell Mill) and their scheduling/management – For Town League Softball, up to grade 6 is played at Southwell Field
 - Mr. Soulé recommended contacting both the person responsible for scheduling field use within the school department and the athletic leagues
 - Recreation fields are a shared limited resource, whose use, availability, scheduling, maintenance, and responsibility need to be explored and summarized
- Mr. Koziel discussed his findings in researching other Town's OSRPs and concluded that all are similar and all are too long – Concord has a good 10 page summary of their OSRP
 - It was recommended that the Committee pursue a simplified summary that is less than 10 pages and that could be read easily by anyone
- Mr. Roux reported that many of the needs from the 2003 OSRP could be transferred to the 2010 OSRP. Recommended re-categorization of the topics and provided handouts

- It was recommended that the categories be adopted, such that there are strategies and tactics for each category – Executive summary, strategy with specific action items and responsible parties for those action items
- Recreation and Open Space: distribution, access, and type of open space or recreation
 - The Committee understands that it is unlikely that every neighborhood will have access to every type of park, but it would be good to see what types of parks and open space exist and the current levels of access – ¼ mile and ½ mile radius
 - Sidewalks are also key to access and should be depicted and described where available
 - Private vacant lots should also be shown for planning purposes
 - It was recommended that neighborhoods be identified, perhaps using their original subdivision/creation, and determining access to open space and recreation on a neighborhood by neighborhood level
 - Recommended delineating the neighborhoods are listing them by name
- Mr. McLachlan noted that the language in Section 3 needed updating and that it was also repeating similar information contained elsewhere in the OSRP
- Mr. McLachlan noted that master plan will contain valuable information, such as changing demographics and the number of family vs. non-family households
 - Composition of Town’s population has changed and the OSRP recognizes that this changes some of the needs for different types of open space and recreation
- Ms. Markey reviewed her edits within the natural resources section and noted that several sections have redundant information
- The Committee agreed that any redundancies should be eliminated that the plan should be as concise as possible, while still meeting the minimum criteria set by the state
- Committee agreed to email stakeholder questions to the responsible parties and organizations that would be best to answer them

Minutes:

- Discussion of minutes was postponed to the April 27, 2010 meeting.

Motion: to adjourn meeting at 8:52 PM by Ms. Markey. **Unanimous.**

Next Meeting: April 27, 2010.

Respectfully Submitted,
Thad Soulé

Open Space and Recreation Plan Committee
Town of Chelmsford
50 Billerica Rd.
Chelmsford, Ma 01824

Minutes
Meeting-March 23, 2010
(Approved May 25, 2010)

Meeting Location: Room 110, Town Offices, 50 Billerica Road, Chelmsford, Ma 01824

Members Present: Beth Logan - Chairman, Michael Koziel, Rebecca Markey (arrive at 7:13), David McLachlan, Steven Roberts (arrive at 7:18), Edmond Roux, Charles Wojtas

Members Absent: Erik Merrill

Others Present: Thad Soulé - Staff Representative, Student Observer

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- The Committee agreed that any redundancies should be eliminated that the plan should be as concise as possible, while still meeting the minimum criteria set by the state
- Committee agreed to email stakeholder questions to the responsible parties and organizations that would be best to answer them

Minutes:

- Discussion of minutes was postponed to the April 27, 2010 meeting.

Motion: to adjourn meeting at 8:52 PM by Ms. Markey. **Unanimous.**

Next Meeting: April 27, 2010.

Respectfully Submitted,
Thad Soulé

Open Space and Recreation Plan Committee
Town of Chelmsford
50 Billerica Rd.
Chelmsford, Ma 01824

Minutes
Meeting-April 27, 2010
(Approved July 12, 2010)

Meeting Location: Room 110, Town Offices, 50 Billerica Road, Chelmsford, Ma 01824

Members Present: Beth Logan - Chairman, Michael Koziel, Erik Merrill, Steven Roberts
(arrive at 7:18), Edmond Roux,

Members Absent: Rebecca Markey, David McLachlan, Charles Wojtas

The meeting was called to order by Beth Logan at 7:07 PM

- Discussion of the OSRP Survey:
 - The Senior Center misplaced the ones dropped off by Ms. Logan. Mr. Merrill will try to locate them.
 - The library may have some also. Mr. Roberts will check.
- Stakeholder Input:
 - Current responses obtained from:
 - Boy Scouts, Girl Scouts, Friends of the Bruce Freeman Rail Trail, the 3 Water Districts, Lowell Sportsman Club, Chapter 61.
 - Permanent Building Committee – Steve Roberts to provide.
 - BPAC – Mike Koziel to provide.
 - Planning Board – Edmond meets with them on 4/28/2010. He will supply their input.
 - Slow Growth Initiative sent the OSRP an unsolicited letter providing their input. Beth Logan to forward it to the OSRP Committee.
 - School Recreation Committee – Erik Merrill believes he has a contact and will attempt so.
 - Civic Recreation League – Steve Roberts may have a contact.
 - Cemetery Commission – Edmond Roux will contact.
 - Garden Clubs (multiple) – Steve Roberts will contact as many as he can.
 - Pop Warner – Erik has a contact.
 - Town Recreation POC – Both Steve and Erik may have a contact.
- Section 2 is complete.
- Mr. Merrill provided a list of “goals”. Beth Logan to forward them to the group for further discussion.
 - Discussion to continue whether to list these goals and assign ownership/responsibility.
 - Make a list or publicize the completed goals.
 - Consider adding a classification for priority, such as high versus secondary.
- Mr. Roux to send Ms. Logan his list of new “categories”.

Minutes:

- January 25, 2010 – tabled to next meeting due to lack of voting members that attended.
- **Motion:** by Mr. Roberts to approve the minutes of February 23, 2010 as presented. Seconded by Mr. Roux. **Motion carries, unanimous.**
- March 23, 2010 - tabled to next meeting due to lack of voting members that attended.

Motion: to adjourn meeting at 8:53 PM by Mr. Roux. **Unanimous.**

Next Meeting: May 25, 2010.

Respectfully Submitted,
Mike Koziel

Open Space and Recreation Plan Committee
Town of Chelmsford
50 Billerica Rd.
Chelmsford, Ma 01824

Minutes
Meeting-May 25, 2010
(Approved July 12, 2010)

Meeting Location: Room 110, Town Offices, 50 Billerica Road, Chelmsford, Ma 01824

Members Present: Beth Logan - Chairman, Michael Koziel, Rebecca Markey, David McLachlan, Steven Pincher, Edmond Roux,

Members Absent: Erik Merrill, Steve Roberts, Charles Wojtas

Others Present: Thad Soulé - Staff Representative

The meeting was called to order by Ms. Logan at 7:05 PM

- Reports from stakeholders
 - Committee noted that they received detailed feedback, but only from the few stakeholders who took the time to answer the questions
 - The Committee questioned how much weight should be given to the input
- How much open space is enough?
 - Should the Committee recommend that more money be allocated by CPC to open space protection?
 - Should the Committee encourage that private donations be made to the Chelmsford Land Conservation Trust?
- A question as to whether the Committee should take a stand on individual large parcels in Town was asked
 - Yes- the Committee agreed that decisions should be rendered on individual parcels with significant open space and recreation values
 - The Committee will make specific recommendations on Oak Hill, Richardson Road, and the UMass Lowell Sites
 - The Committee will prioritize the acquisition value of all Chapter 61, 61A and 61B parcels
- Funding open space and recreation maintenance
 - Varney Playground used as an example of where the Committee will need to take a stand on funding
 - The Committee should make a recommendation on a policy for private money dedicated to maintenance vs. public maintenance money
 - The Committee will outline recommendations organizing this relationship
 - Suggested prioritizing private maintenance and funding from “friends of” support groups
 - Where no friends group exists, public maintenance and funding would be used
- Goals

- Defining management, funding, and minimum level of service standards for specific open space and recreation properties
 - Formerly and clearly assign all town parcels to appropriate management groups
 - Identify which parcels that currently do not have Conservation Restrictions (CR) should and which organization should hold these CRs
- Open space exhibit review
 - Committee requested that population density be added to the public parks and active recreation areas exhibit
 - Committee recommended looking at areas of Town from neighborhood perspective and identifying neighborhoods that lack parks with active recreation
 - Mr. Roux volunteered to assist with identifying and mapping neighborhoods
- Accessibility and plans for individual open space areas
 - The Committee questioned whether there was a need to provide more parking at conservation areas
 - The Committee recommended that level of service standards be established for each open space area to determine if suitable facilities for accessing and using the open spaces exist
 - The committee recommended that each parcel or major public open space and recreation area have a management plan and that the designated responsible party be charged with developing and implementing the management plan
 - The Committee recommended that schools be encouraged to do the same for their outdoor open space, if they are not already doing so.
- The Committee recommended creating a parks and recreation commission
 - This group would be point person for management – to coordinate steward work, volunteer group work, garden club work, and public facilities/DPW work
 - Not duplicate services already being provided, but ensure that management standards are being met
- The Committee considered making a recommendation to encourage the consolidation of the water districts into one entity in order to better address water conservation Town-wide
 - Recommendation might be to have a feasibility study conducted to see if water district consolidation would improve water conservation, decrease duplication of services and thereby create additional resources for protecting aquifer protection lands.
- Chelmsford Open Space Stewardship
 - Compliment them and encourage them to formalize their organization to help them maintain continuity for long-term stewardship
 - Work with both Conservation and a Parks and Recreation Commission (if created)
- Bicycle and Pedestrian Committee
 - Increase bicycle and pedestrian access (non-motorized access) to open spaces and recreation areas
- Report
 - Mr. Soulé to begin drafting and send an electronic copy in two weeks to each member
 - June 22, 2010 and June 29, 2010 are anticipated dates to review draft report and potentially approve with conditions.

Minutes:

- **Motion:** by Mr. McLachlan to approve the minutes of January 25, 2010 and March 23, 2010 as presented. Seconded by Mr. Roberts. **Motion carries, unanimous.**
- April 27, 2010 – tabled to the June 22, 2010 Meeting.

Motion: to adjourn meeting at 8:52 PM by Ms. Markey. **Unanimous.**

Next Meeting: April 27, 2010.

Respectfully Submitted,
Thad Soulé

Open Space and Recreation Plan Committee
Town of Chelmsford
50 Billerica Rd.
Chelmsford, Ma 01824

Minutes
Meeting-June 22, 2010
(Approved July 12, 2010)

- Meeting Location:** Room 110, Town Offices, 50 Billerica Road, Chelmsford, Ma 01824
- Members Present:** Beth Logan - Chairman, Michael Koziel, Rebecca Markey, David McLachlan, Edmond Roux, Erik Merrill, Steve Roberts (7:14 PM), Charles Wojtas (7:27 PM)
- Members Absent:** Stephen Pincher
- Others Present:** Thad Soulé - Staff Representative

The meeting was called to order by Ms. Logan at 7:03 PM

- Review comments and edits made on sections 2 through 4 of the OSRP
 - Committee agreed on edits and will incorporate them into the final draft of the OSRP
 - The Committee requested that cross-references be added to note where items are discussed within other sections.
 - Chart in Section 3 from the Master Plan should note that the term “open space” has a different definition in the Master Plan than the OSRP
- Schedule for next meetings
 - July 12, 2010, July 19, 2010 and August 9, 2010
- Definition of Open Space
 - The Committee agreed on the definition provided in the introduction of Section 5
- Farms
 - The Committee identified addresses for Chase, Parlee, Warren-Poullé, Sunny Meadow, Jones, Wojtas, and Kent Farms
- Goals
 - To improve connectors between open space areas
 - More bike racks at open space and recreation areas
 - Encourage non-motorized access to parks and open space
 - Prioritize open space protection
 - Provide pocket parks to neighborhoods lacking access to recreation
 - Connect Robin Hill Reservation to Wright Reservation & Greater Wright Reservation
- Prioritizing Open Space Protection
 - Acquire, either through Town purchase or donation, or place Conservation Restrictions, either through Town purchase or donation, all Chapter 61, 61A and 61B properties
 - Retain Oak Hill as open space and recreation land

- Utilize and/or acquire appropriate vacant parcels for pocket parks in neighborhoods that do not have public parks
- Open Space Management
 - Any undesignated Town-owned land that abuts Conservation Commission land should be under Conservation Commission management
 - Identify which parcels that currently do not have Conservation Restrictions (CR) should and which organization should hold these CRs
- Accessibility
 - Mr. Merrill to review, edit and provide additional data on preliminary accessibility assessment done by Ms. Markey
- Preliminary Goals
 - Review Mr. Roux's summary of the Master Plan Goals
 - Produce fewer goals rather than more
 - Ensure that goals are assigned to responsible parties

Minutes:

- April 27, 2010 – tabled to the June 22, 2010 Meeting.
- May 25, 2010 - tabled to the June 22, 2010 Meeting.

Motion: to adjourn meeting at 8:52 PM by Mr. McLachlan. **Unanimous.**

Next Meeting: July 12, 2010

Respectfully Submitted,
Thad Soulé

Open Space and Recreation Plan Committee
Town of Chelmsford
50 Billerica Rd.
Chelmsford, Ma 01824

Minutes
Meeting-July 12, 2010
(Approved August 23, 2010)

Meeting Location: Room 110, Town Offices, 50 Billerica Road, Chelmsford, MA

Members Present: Beth Logan (Chairman), Michael Koziel, Rebecca Markey, David McLachlan, Edmond Roux, and Erik Merrill

Members Absent: Steve Roberts, Charles Wojtas, Stephen Pincher

Ms. Logan called the meeting to order at 7:03 PM.

- ❖ The OSRP document referenced in the minutes is available from the Community Development Department

Ms. Logan asked if there were any comments from the audience regarding the activities of the OSRPC. Mr. Tim McCarron, 4 First Street, Chelmsford and Ms. Wanda Dunn, 60 Willis Drive addressed the Committee concerning the condition of the outflow dam at Freeman Lake. They presented information about the leakage at the dam from a study conducted by the State of Massachusetts in 1995 and showed the committee photographs of what they believe continues to be leakage. They indicted that Chelmsford is responsible for the dam's maintenance and that the DPW had added sealant to the dam but from their opinion it did little to correct the problem. They expressed concern as to the dam's safety. There proceeded a discussion about how the maintenance of dams in Chelmsford should be addressed in the OSRMP. At the conclusion of the discussion the Committee decided to adopt the following Goal:

Preserve and maintain all dams on Chelmsford owned land that create and facilitate recreation and Open Space lands.

Ms. Logan led a discussion continued from the last meeting on June 22, 2010 about the Goals that should be in the OSRMP. She reminded the Committee that the following goals had been discussed (not formally voted upon) on June 22:

1. Goals
 - a. To improve connectors between Open Space areas
 - b. More bike racks at Open Space and recreation areas
 - c. Encourage non-motorized access to parks and Open Space
 - d. Prioritize Open Space protection
 - e. Provide "pocket parks" to neighborhoods lacking access to recreation
 - f. Connect Robin Hill Reservation to Wright Reservation & Greater Wright Reservation
 - g. Establish undesignated multipurpose fields (not for baseball, football, soccer, basketball, etc., but for other sports)
2. Prioritizing Open Space Protection
 - a. Acquire, either through Town purchase or donation, or place Conservation Restrictions, either through Town purchase or donation, all Chapter 61, 61A and 61B properties
 - b. Retain Oak Hill as Open Space and recreation land with at least 50% as open space.

- c. Utilize and/or acquire appropriate vacant parcels for pocket parks in neighborhoods that do not have public parks
3. Open Space Management
- a. Any undesignated Town-owned (BoS) land that abuts Conservation Commission land should be under Conservation Commission management
 - b. Identify which parcels that currently do not have Conservation Restrictions (CR) should and which organization should hold these CR's.

Each attending member was given the opportunity to discuss these goals further and to suggest additional Goals. The following suggestions were made:

1. Proactively purchase land for Open Space preservation with Community Preservation Funds and Town funds as long as financially feasible.
2. Provide linkage between public Open Spaces through the acquisition of corridors and land. This is a reiteration of Goal 1a at the June meeting. (*Examples: Robin Hill Reservation to Greater Wright Reservation; Greater Wright Reservation to Sunny Meadows, Bartlett Wood lot to the rail trail*)
3. Insure adequate access to Open Space and Recreation land. (*Example: Bartlett Park*).
4. Provide pedestrian and bicycling signage indicating directions from one Open Space area to the next closest Open Space area. (*Example: Thanksgiving Forest to Russell Mill reservation and Town Forest*).
5. Increase restricted Open Space and Conservation Land for wildlife sanctuaries.
6. Create a Recreation Committee with the following responsibilities among others to be determined by the Committee:
 - a. Address the recreational needs of Chelmsford residents of all ages and determine what additional recreational space is required.
 - b. Coordinate the proper maintenance and insure that minimum maintenance standards of Town recreational areas are met.
 - c. Facilitate the acquisition of recreational space as needed.
7. Formerly assign all Town owned land to the appropriate responsible group. Each group who is the custodian of Town owned land should have a maintenance plan for that land.
8. Create dog parks. Should be mix of trees and open land. Need about 2 acres per park

Minutes:

April 27, 2010: approved unanimously, 2 abstentions by Ms. Markey and Mr. McLachlan
 May 25, 2010: approved unanimously, 1 abstention
 June 22, 2010: approved unanimously, no abstentions.

Motion: to adjourn meeting at 8:50 PM by Ms. Markey. **Unanimous.**

Next Meeting: July 19, 2010.

Respectfully Submitted,
 Mike Koziel

Open Space and Recreation Plan Committee
Town of Chelmsford
50 Billerica Rd.
Chelmsford, Ma 01824

Minutes
Meeting-July 19, 2010
(Approved August 23, 2010)

Meeting Location: Room 110, Town Offices, 50 Billerica Road, Chelmsford, Ma 01824

Members Present: Beth Logan - Chairman, Michael Koziel, Rebecca Markey, David McLachlan, Edmond Roux, Erik Merrill, Steve Roberts

Members Absent: Charles Wojtas, Stephen Pincher

Others Present: Thad Soulé - Staff Representative

The meeting was called to order by Ms. Logan at 7:02 PM

- ❖ The OSRP document referenced in the minutes is available from the Community Development Department
- Briefly reviewed discussion of goals from last meeting
- Edits to the July 12, 2010 minutes were discussed
- Identify additional goals
 - Public composting facility within Town
 - Should be part of agriculture at Sunny Meadow Farm
 - Requires management and coordination with solid waste department
 - Swain Road Landfill
 - Explore closure process
 - Recommend recreational use
 - Establish designated multipurpose recreation areas
 - Non-facility specialized recreation activities – bocce, horseshoes, volley ball, badminton, crochet, curling
 - Encourage Conservation Commission to designate areas solely for wildlife preservation (sanctuary)
 - Recommendation to have a Recreation Committee
 - Create more centralized recreation management that is coordinated with school department
 - Published information about field scheduling, opportunities to reserve vs. “first come first serve,” and opportunities for organized team and club sports
 - Oak Hill – Town-owned land
 - Retained as at least 50% open space and the remaining portion may be developed for recreation, up to 50% of the total acreage.
- Request that goals be listed separately from minutes, summarized in the appropriate section of the Draft OSRP and sent to the Committee
- Discussion of School recreation land vs. Town recreation land
 - A proposed recreation committee should coordinate with the school committee

- Scheduling needs to be clear and accessible
- Need to retain data on use in order to develop a way of assessing Town demand for recreation facilities and future needs
- Coordination has not existed in the past but will be required to move forward
- Little League Fields
 - Recommendation that the relationship between the Town and the Chelmsford Little League be investigated
 - Ensure that needs of both parties are being met with regards to use and management agreement
- Bruce Freeman Rail Trail (BFRT)
 - Recommend proper management plan for BFRT
 - Examine level of service and designating responsible parties

Minutes:

- July 12, 2010 – tabled to the August 9, 2010 Meeting.

Motion: to adjourn meeting at 9:16 PM by Ms. Markey. **Unanimous.**

Next Meeting: August 9, 2010

Respectfully Submitted,
Thad Soulé

Open Space and Recreation Plan Committee
Town of Chelmsford
50 Billerica Rd.
Chelmsford, Ma 01824

Minutes
Meeting-August 9, 2010
(Approved August 23, 2010)

Meeting Location: Room 110, Town Offices, 50 Billerica Road, Chelmsford, Ma01824
Members Present: Beth Logan - Chairman, Rebecca Markey, David McLachlan, Edmond Roux, Steve Roberts
Members Absent: Charles Wojtas, Stephen Pincher, Michael Koziel, Erik Merrill
Others Present: Thad Soulé - Staff Representative

The meeting was called to order by Ms. Logan at 7:04PM

- ❖ The OSRP document referenced in the minutes is available from the Community Development Department
- Discussed Section 1 – the Committee agreed that the draft presented by Ms. Logan is a good summary of the plan:
 - Creating access
 - Assigning management
 - Protecting open space
 - Creating neighborhood parks
 - Supporting stewards
 - Ensuring active recreation space
- It was requested that each section of the plan be segregated and sent out separately for review
- Reviewed Section 7
 - Water Conservation
 - Potential recommendation: Water Districts need to be more aggressive in enforcing their own water regulations
 - Finalized edits to Section 7
 - Mr. Soulé to email revised electronic version of Section 7 after edits are made
- Prioritized Oak Hill for open space protection
- Portions of UMass Lowell and Richardson Road should be considered for open space protection
- Open space and recreation need to be considered as part of any future development that is 5 acres or larger in size, especially those with high density development

Minutes:

- July 12, 2010 & July 19, 2010 – tabled to the August 23, 2010 Meeting.

Motion: to adjourn meeting at 9:25 PM by Mr. Roberts. **Unanimous.**

Next Meeting: August 23, 2010 at 6:30 pm at the Senior Center

Respectfully Submitted,
Thad Soulé

Open Space and Recreation Plan Committee
Town of Chelmsford
50 Billerica Rd.
Chelmsford, Ma 01824

Minutes
Meeting-August 23, 2010

- Meeting Location:** Room B07, Senior center, 75 Groton Road, North Chelmsford, Ma
- Members Present:** David McLachlan – Acting Chairman, Michael Koziel, Erik Merrill, Edmond Roux, Rebecca Markey (Arrive at 7:20 pm)
- Members Absent:** Charles Wojtas, Stephen Pincher, Beth Logan, Steve Roberts
- Others Present:** Thad Soulé - Staff Representative

The meeting was called to order by Mr. McLachlan at 6:33 PM

- ❖ The OSRP document referenced in the minutes is available from the Community Development Department
- Discussed Section 7 – the Committee agreed that the comments from the last meeting need to be incorporated, as described in the Minutes.
 - Send updated Section 7 to Committee
- Discussed Section 8: goals
 - Master plan will have an implementation committee
 - Can the OSRP be implemented by that same committee, which is preferred, or would they need to create a separate OSRP implementation committee?
 - The Committee agreed that the OSRP needs some body to oversee and enforce implementation
 - Additional edits were recommended to improve the section
 - The Committee agreed to the structure of four broad goals with subheadings

Minutes:

- July 12, 2010 – Approved unanimously subject to minor edits
- July 19, 2010 – Approved unanimously subject to minor edits
- August 9, 2010 – Approved unanimously subject to minor edits - 2 abstentions by Mr. Koziel and Mr. Merrill

Motion: to adjourn meeting at 7:30 PM by Mr. Koziel. **Unanimous.**

Next Meeting: September 22, 2010 at 7:00 pm at the Town Offices

Respectfully Submitted,
Thad Soulé

Open Space and Recreation Plan Committee
Town of Chelmsford
50 Billerica Rd.
Chelmsford, Ma 01824

Minutes
Meeting-September 22, 2010

Meeting Location: Room 110, Town Offices, 50 Billerica Road, Chelmsford, Ma01824
Members Present: Beth Logan – Chairman, David McLachlan, Michael Koziel, Rebecca Markey
Members Absent: Steve Roberts, Erik Merrill, Edmond Roux
Others Present: Thad Soulé - Staff Representative

The meeting was called to order by Ms. Logan at 7:05PM

- ❖ The OSRP document referenced in the minutes is available from the Community Development Department
- Reviewed comments on Section 9: Action Items
 - Made edits and added additional action items
 - Committee agreed that format was appropriate
- Mr. Soulé will resend Section 8 with edits
 - The Community Development Director's edits will also be added to the OSRP
 - Send updated Section 7 to Committee
- The Committee Agreed that all sections should be integrated into a final complete report
- Mr. Soulé will compile the report and send electronically prior to the next meeting

Minutes:

- August 23, 2010 – Tabled to next meeting

Motion: to adjourn meeting at 9:13 PM by Mr. Koziel. **Unanimous.**

Next Meeting: September 29, 2010 at 5:00 pm at the Town Offices

Respectfully Submitted,
Thad Soulé

Open Space and Recreation Plan Committee
Town of Chelmsford
50 Billerica Rd.
Chelmsford, Ma 01824

Minutes
Meeting-September 29, 2010

Meeting Location: Room 110, Town Offices, 50 Billerica Road, Chelmsford, Ma01824
Members Present: Beth Logan – Chairman, David McLachlan, Michael Koziel, Edmond Roux
Members Absent: Steve Roberts, Erik Merrill, Rebecca Markey
Others Present: Thad Soulé - Staff Representative, Evan Belansky – Community Development Director

The meeting was called to order by Ms. Logan at 5:00PM

- ❖ The OSRP document and PowerPoint presentation referenced in the minutes is available from the Community Development Department
- Reviewed all sections of the OSRP
 - The Committee made minor edits and content changes
- The presentation for the Board of Selectmen meeting was reviewed and agreed upon
 - Ms. Logan will present the PowerPoint presentation at the BOS next meeting in October
- The Committee Agreed that the final document should be distributed for public comment concurrent to submitting to the State for their review – the distribution list was reviewed and included in Section 10
- Mr. Soulé will make additional edits to the plan, integrate maps and appendices and send electronically to members of the OSRP Committee and those on the public comment distribution list

Motion: to approve the 2010 Open Space and Recreation Plan Update, subject to final edits by McLachlan. **Unanimous.**

Motion: to adjourn meeting at 6:30 PM by Mr. Roux. **Unanimous.**

Respectfully Submitted,
Thad Soulé