

TOWN OF TEWKSBURY
OPEN SPACE AND RECREATION PLAN
2009 UPDATE



Prepared for
The Tewksbury Community Preservation Committee acting as
The Open Space and Recreation Committee
By
The Northern Middlesex Council of Governments



February 2009

TOWN OF TEWKSBURY
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2009 UPDATE

The Tewksbury Community Preservation Committee acting as

The Open Space and Recreation Committee

By

The Northern Middlesex Council of Governments



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

RECEIVED

AUG 13 2009

TEWKSBURY
 COMMUNITY DEVELOPMENT

Dr. Steve Sadorsky

JDC

8/13/09

pd

Tel: (617) 626-1000
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August 11, 2009

Deval Patrick
 GOVERNOR
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 Ian Bowles
 SECRETARY

David Cressman
 Town of Tewksbury
 1009 Main Street
 Tewksbury, MA 01876

Re: Open Space and Recreation Plan

Dear Mr. Cressman:

Thank you for submitting Tewksbury's Open Space and Recreation Plan to this office for review for compliance with the current Open Space and Recreation Plan Requirements. I am pleased to write that the plan is approved. This final approval will allow Tewksbury to participate in DCS grant rounds through July 2014.

Congratulations on a great job. Please call me at (617) 626-1171 if you have any questions or concerns about the plan.

Sincerely,

Melissa Cryan

Melissa Cryan
 Grants Manager

cc: Board of Selectmen
 Conservation Commission
 Recreation Department

2009 AUG 13 AM 10:43

RECEIVED
 TOWN OF TEWKSBURY
 BOARD OF SELECTMEN/TOWN MANAGER

ACKNOWLEDGMENTS

Community Preservation Committee:

Chair: Nancy Reed, Planning Board

Vice Chair: Donna Pelczar, Citizen Representative

Clerk: Larry Bairstow, Conservation Commission

Members: Corinne Delaney, Tewksbury Housing Authority

David Cressman, Parks Representative

David Gay, Board of Selectmen

Thomas Churchill, Historic Commission

Special thanks to the following individuals for their assistance:

Steve Sadwick, Community Development Director

Walter Polchlopek, Conservation Administrator

Michele Stein, Town Engineer

Jay Kelley, Chief Assessor

Tewksbury Board of Assessors

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Section 1: Plan Summary

Since the completion of the last Open Space and Recreation Plan Update, nearly ten years ago, the Town of Tewksbury has experienced significant growth and development that has altered the natural landscape and character of the Town. Once a rural agricultural community, the Town is a mature suburb that is home to approximately 29,000 people. Nonetheless, Tewksbury has been able to permanently protect approximately 1,387 acres of open space, 412.53 acres of which are under the ownership of the Commonwealth of Massachusetts.

The Tewksbury Open Space and Recreation Plan Update builds upon the accomplishments of past plans, and has been prepared by the Community Preservation Committee, acting as The Open Space and Recreation Committee, with technical assistance from the Northern Middlesex Council of Governments. The Plan follows the Massachusetts Executive Office of Energy and Environmental Affairs requirements and guidelines, provides an inventory of open space and recreation resources, assesses community needs, establishes goals and objectives, and outlines a seven-year action plan.

Throughout the Plan development process, it has been the goal of the Community Preservation Committee to develop a Plan that not only meets the open space and recreation needs of the town and its residents, but also provides an action plan that can be implemented over the course of the next five years. The Seven-Year Action Plan addresses the goals and objectives formulated to encourage the protection of the Town's open spaces, and to address the recreational needs of all segments of the Town's population. Toward this end, the 2009 Open Space and Recreation Plan Update is focused on the following ten (10) goals:

1. Preserve and protect the rivers, brooks, ponds, wetlands, and floodplain in Tewksbury;
2. Preserve and protect the Town's natural resources and outstanding natural features for future generations;
3. Provide accessible, well-balanced recreation opportunities for all Town residents;
4. Ensure adequate maintenance of conservation areas, open spaces and recreation facilities in the interest of protecting the Town's investment and reducing long-term costs;
5. Educate the town's residents regarding the importance of open space and recreation areas to the town's quality of life - encourage enjoyment, use, and stewardship;
6. Preserve important historical and archaeological sites;
7. Enhance and protect the scenic and aesthetic character of the Town;

8. Work with regional, federal and state agencies, and non-profit organizations to develop a trail network linking open spaces within Tewksbury, as well as establishing linkages to other trail facilities located in adjoining communities;
9. Protect the Merrimack River as the Town's water supply; and
10. Promote efforts to preserve and protect open space for conservation, agriculture, and active and passive recreational needs.

These goals were developed based on input received through the Visioning Session, the written community survey (Appendix B), Community Preservation Committee meetings, and the public meeting on the draft plan. The goals established the foundation for developing the Plan and served as the basis for formulating the Seven-Year Action Plan.

Section 2: Introduction

A. Statement of Purpose

The 2009 Open Space and Recreation Plan Update is intended to serve as a guide for Tewksbury's citizens and local officials, as they work together over the next five years to protect the Town's natural, cultural and historic resources, preserve remaining open space, and provide recreational opportunities for the Town's residents. Such a coordinated and well-planned effort will allow these unique places and opportunities to be enjoyed by future generations. The Plan attempts to be specific enough to guide future decision making and provide policy direction, while providing the flexibility needed to respond to changing opportunities, programs and constraints. Through the adoption of this Open Space and Recreation Plan, the Town recognizes that protection and stewardship of its natural, cultural and historic resources is essential to the overall quality of life, health, economic vitality and sustainability of the community. Open space is a vital component to the quality of life in any community, whether it's a metropolis or a small rural town. It can be thought of as part of a community's infrastructure system – green infrastructure - that supports and links built and natural environments.

The Community Preservation Committee has undertaken the five year update of the Town's Open Space and Recreation Plan, which includes an inventory of all existing open space and recreation facilities. In addition, the plan makes recommendations for future policies and actions regarding open space, conservation, and recreation facilities. The Plan also provides an update on accomplishments that have been achieved since completion of the Town's previous Open Space and Recreation Plan.

B. Planning Process and Public Participation

The 2009 Tewksbury Open Space and Recreation Plan Update has been developed by the Community Preservation Committee acting as The Open Space and Recreation Committee. The Committee is comprised of representatives from various Town departments, boards, and committees, including the Board of Selectmen, Planning Board, Conservation Commission, Tewksbury Housing Authority, and a local citizen. The Committee has met on numerous occasions throughout the plan development process. Copies of the meeting notices and agendas are included in Appendix A. These meetings were open to the general public and posted in accordance with Massachusetts Open Meeting Law.

Public participation was also sought through a written survey distributed to each household with the Town Census Form. A copy of the survey is included in Appendix B. A total of 2,686 (26.2%) responses were received and analyzed, while 10,253 were distributed. A synopsis of the survey results can be found in Appendix C.

Two (2) visioning sessions were conducted (November 29, 2007 and February 4, 2008) to provide input and assistance in the development of the Plan's goals and objectives.

The visioning sessions emphasized brainstorming and open discussion. Several participants attended the sessions and were asked to address the following:

- What are the Town's strengths and assets in terms of its Open space and Recreation facilities and programs?
- What are the community's weaknesses and liabilities in this regard?
- What opportunities does the Town have to improve upon or expand its existing open space and recreation facilities and programs?
- What challenges lie? What concerns need to be addressed in order to move forward to meet the Town's open space and recreation needs?

The agenda for the Visioning Sessions and the Visioning Session Summary can be found in Appendix D.

Under the Massachusetts Environmental Justice (EJ) Policy of the Executive Office of Energy and Environmental Affairs (EOEEA), the Tewksbury State Hospital has been designated as an "income" EJ Neighborhood. This tool was created in an effort to protect the environment and public health for communities in the Commonwealth. This reinforces and enhances EOEEA efforts to meet the existing legal mandates in Title VI of the federal Civil Rights Act of 1964, which apply to all recipients of federal financial assistance, including all EOEEA agencies. The goal of the environmental program is to ensure that EJ populations have a strong voice in environmental decision-making and receive full protection through existing environmental rules and regulations, and to increase access to investments that enhance the quality of life within EJ communities, by restoring degraded natural resources (21E sites), enhancing open space and building the urban park network. Because access to this community is limited given the medical issues affecting the resident population, no special outreach efforts were made to the hospital patients. However, the Town of Tewksbury has worked closely with hospital administrators and the DCAM to protect the agricultural lands surrounding the hospital facility. In addition, town residents are allowed to utilize the hospital property for passive recreation purposes.

On February 9, 2009, following the completion of the Draft 2009 Open Space and Recreation Plan, a public meeting was held to present an overview of the Plan and receive comments. A copy of the agenda and meeting notice for the Public Meeting can be found in Appendix E, along with a summary of the comments received. In addition, the Draft Open Space and Recreation Plan was presented and discussed at a meeting of the Board of Selectmen.

C. Accomplishments Since 1998

The Town of Tewksbury has reviewed and identified accomplishments since the implementation of the 1998 Open Space and Recreation Plan. This information is organized according to the 1998 Open Space and Recreation Plan Goals:

Goal 1: Protect the Town's water supply

- Identified and mapped the Zone II recharge areas
- Town Meeting approved an Aquifer Protection Bylaw for the State Hospital wells
- Vehicular access to Town wellfields (which are no longer in use) has been restricted
- The results of routine water quality monitoring are published annually
- In August 2007, the Town completed the construction of a 5,000,000 gallon wire wrapped pre-stressed concrete water storage tank with a dome roof; located on Colonial Drive.
- The town recently increased the capacity of its Water Treatment Plant to 7.0 million gallons per day.
- Sewer expansion project was approved at the October 1, 2002, Special Town Meeting, which will be completed in six (6) separate phases bringing sewer service to the entire Town.
- Tewksbury Recycling Committee now provides information and services for recycling motor oil and other hazardous materials that have the potential for polluting the groundwater. A household Hazardous Waste Collection Day was traditionally held in conjunction with the DPW and Recycling Committee, but was recently eliminated due to fiscal considerations.
- Due to the sewer expansion project, there has been a decrease in septic system applications and an increase in septic system abandonment applications.
- DPW completed the DEP mandated leak detection survey and has repaired all 36 leaks.
- The town is in the process of developing specifications for the upgrading of seven (7) of the oldest and largest sewer pumping stations, which commenced in 2007, with an assessment of the oldest and most problematic stations.

Goal 2: Preserve and protect the rivers, brooks, ponds, wetlands, and floodplain in Tewksbury

- Work has continued on the Town's Sewer Program, reducing nonpoint source pollution.
- Long Pond Environmental Status Report was prepared in January 2008, to establish an updated water quality baseline for the Pond and to provide insight as to potential remediation activities to enable increased use of Long Pond by Town residents, helping to preserve Long Pond as a community and recreational asset.
- Ames Run Cluster Subdivision wetland replication area of 5,000 sq. ft. to replace the area and functionality of the Bordering Vegetated Wetland.

- DPW provided administrative oversight for the on-going design work by the town's consulting engineer, VHB, that encompasses drainage and roadway improvements on River Road from the Andover town line to Trull Brook.
- The Town has adopted The Community Preservation Act which provides financial resources to further continue progress on this goal.

Goal 3: Preserve and protect the Town's natural heritage and outstanding natural features for conservation purposes, for this and future generations

- Although Ames Hill was listed as a scenic resource in the previous Open Space and Recreation Plan and has since been developed into a 364-unit 40B cluster subdivision, the developer has preserved several tracks of open space, whereas a traditional subdivision doesn't require setting aside land for open space.
- The Town continues working with the state and federal environmental agencies in dealing with the Rocco Landfill. A private engineering consultant firm is continually providing research on the site and the EPA has accepted the proposed cleanup plan, the next step is to implement the plan.
- The newly constructed water tank on Colonial Drive not only minimized its presence on the landscape by having a low profile, but was also designed to provide passive recreation opportunities.
- The Town revised some of the dimensional and minimal lot size requirements within its Open Space Residential Development Zoning Bylaw, to encourage greater use of the bylaw.

Goal 4: Provide accessible, well-balanced sports and recreation opportunities for all Town residents

- Summer recreational programs at the High School have been expanded.
- Schools sites within the Town have upgraded their existing facilities and playgrounds.

Goal 5: Ensure needed maintenance of existing and proposed open space and recreation facilities, keeping costs within the Town's means.

- Tewksbury Youth Center is a not-for-profit designed to provide youths with a multi-purpose facility and a safe and supportive environment. The Center offers recreational, educational, social and youth-oriented programs, and also provides an avenue for young people to become involved in community services and activities.
- Two revolving accounts have been established through the Recreation Department.
- At the Annual Town Meeting, May 9, 2007, the Community Preservation Committee was granted \$150,000 to improve Livingston Park/Recreation drainage problems. Funds are intended to keep the park's land areas from further harm by providing proper drainage for areas that are threatened due to flooding.
- The East Street Little League Field has established a sponsorship program within local businesses.

Goal 6: Encourage open space enjoyment and use

- Long Pond Environmental Status Assessment was completed to establish an updated water quality baseline for the Pond and provide insight to the Town as to potential remediation activities to enable increased use of Long Pond by town residents, helping to preserve Long Pond as a community and recreational asset.

Goal 7: Preserve important historical and archaeological sites, and enhance the scenic quality and pleasant character of the town

- The Town of Tewksbury is currently preparing and updating a Historical Survey of all listed properties and sites within the Town. This list was last updated on May 30, 2005. This is required for the Tewksbury Historical Commission to pursue preservation efforts, like establishing historical districts, and seeking grant opportunities.
- During 2007, the Historical Commission fulfilled its responsibilities under the town's Demolition Delay Bylaw, reviewing eight (8) applications.
- Historical Commission renewed its historic building marker program, in order to increase awareness of Tewksbury historic buildings and sites by making a standard design-sign available.
- Historical Commission was awarded a grant which will be applied in conducting a survey of architectural and historic resources in the town.

Goal 8: Work with the Bay Circuit Program and other appropriate federal and state agencies to develop a green belt plan for the Town which links open space in Tewksbury with that of surrounding Towns in the region

- Town officials have worked with the Bay Circuit Alliance to identify a potential route for the portion of the trail passing through Tewksbury.

Goal 9: Promote efforts to preserve and protect state and privately owned open space in the Town for conservation, agriculture and compatible recreation needs

- Approximately 400 acres of land was preserved at the State Hospital. However, future use for this land has not been determined.

Section 3: Community Setting

A. Regional Context

The Town of Tewksbury is located within Middlesex County, approximately 25 miles northwest of Boston, at the junction of I-495 and I-93. This convenient interstate highway access has benefited the town's economy but has also created pressure on the municipal infrastructure and impacted land use practices and policies. Once a rural agricultural community, the town is now considered an economically mature suburb. Map 1 on the following page depicts the location of Tewksbury in relation to the Northern Middlesex Region and the Commonwealth.

The town is bordered on the north by the Merrimack River and the Town of Dracut, on the northeast by the Town of Andover, on the southeast by the Town of Wilmington, on the southwest by the Town of Billerica and on the west by the City of Lowell. The Merrimack River forms part of the northern boundary and also supplies the town's drinking water. The Concord River touches the western most portion of town, while the Shawsheen River runs through the southern end of town. These rivers serve as vital recreation resources for boaters, canoeists, anglers, bird watchers and wildlife enthusiasts.

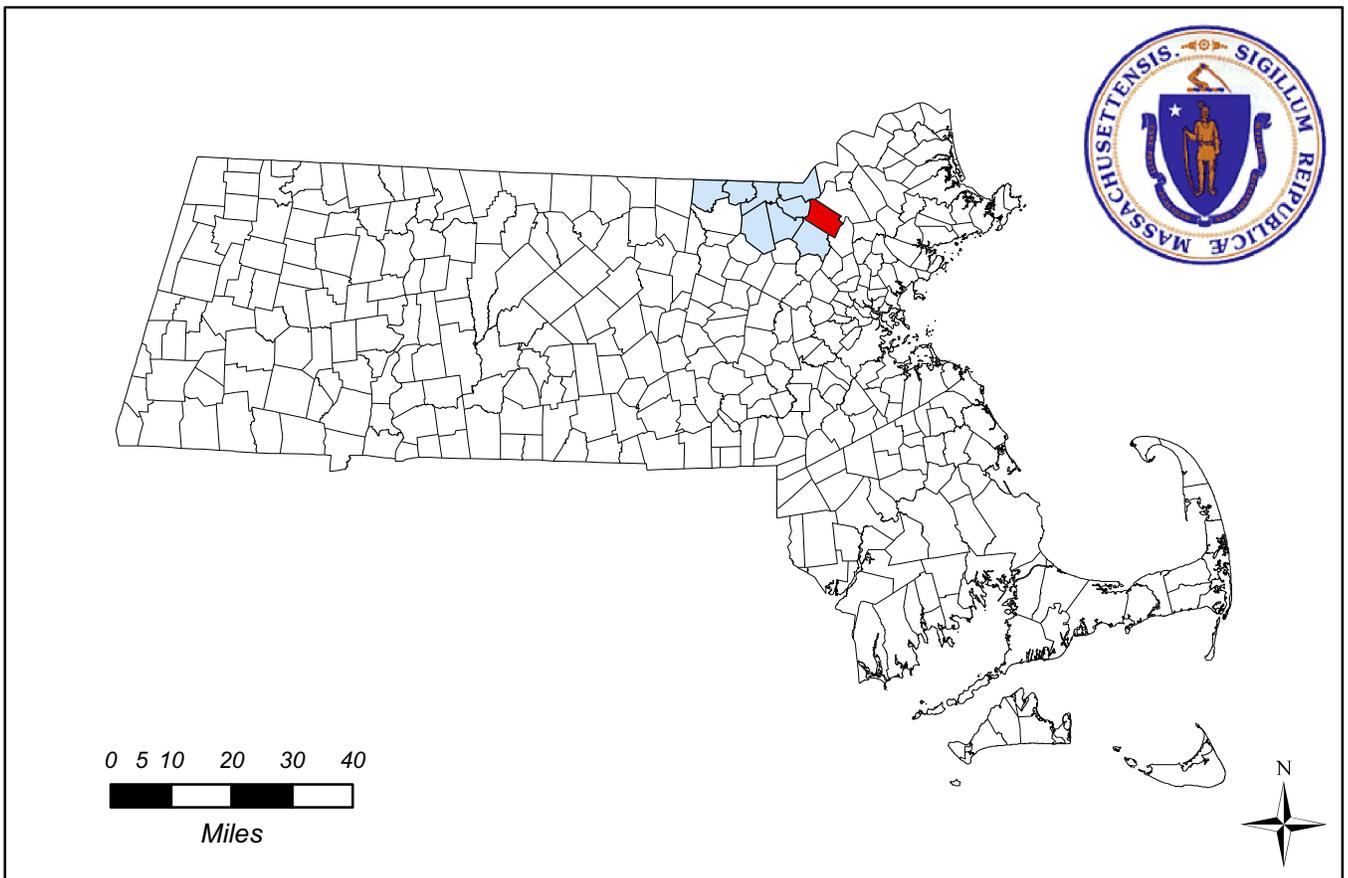
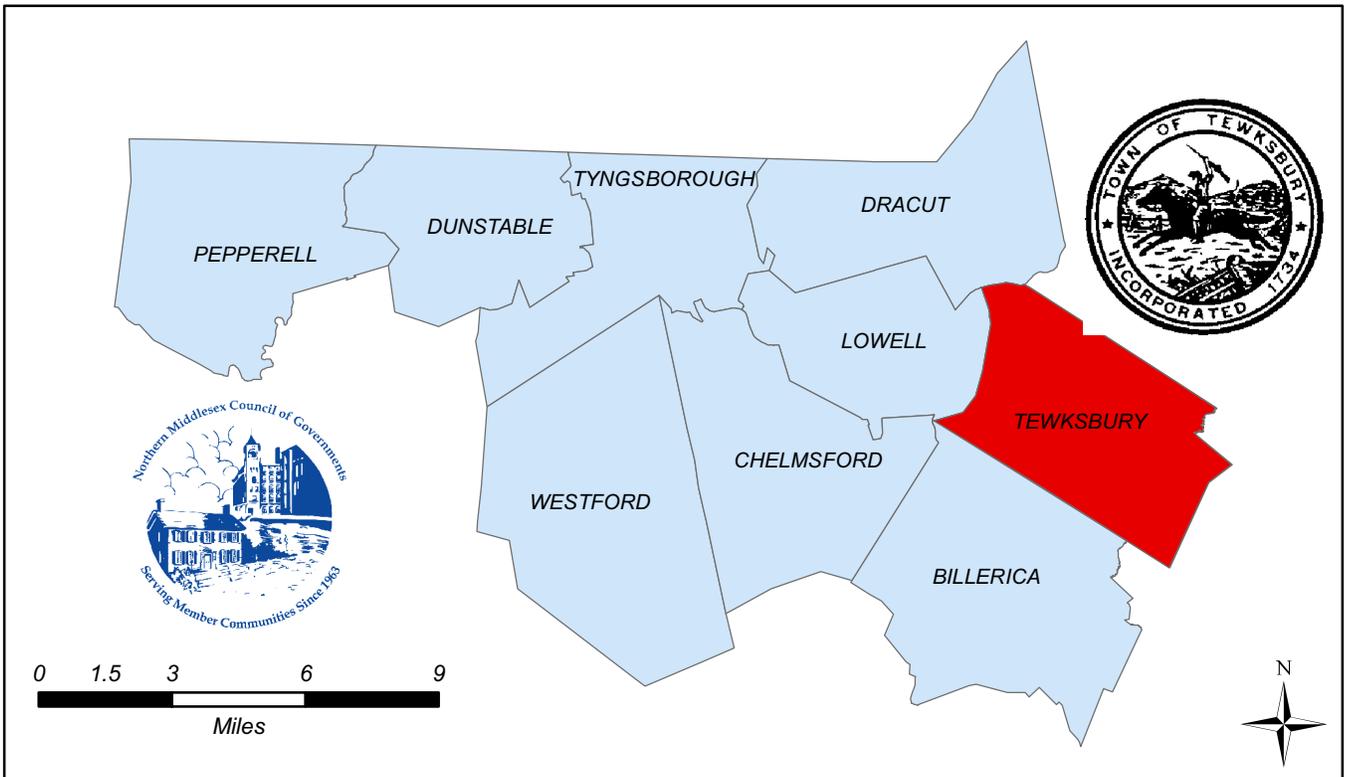
Among the town's unique features is the convergence of three watersheds: Concord (SuAsCo), Merrimack and Shawsheen, and it lies within four watershed basins: Merrimack, Concord (SuAsCo), Shawsheen and Ipswich. There are four major streams in town: Heath Brook, Sutton Brook, and Strongwater Brook (which flow into the Shawsheen River) and Trull Brook (which flows into the Merrimack River). Open water, wetlands and streams constitute about 22.5% of the town's total area and have played a major role in the town's development patterns. The town's largest contiguous wetland system, the Great Swamp, comprises the large undeveloped area between North Street, Main Street and I-495. According to the Massachusetts Department of Environmental Protection, Long and Round Pond are classified as Great Ponds.

Tewksbury is approximately 21.1 square miles in area and is home to nearly 29,000 residents. The Town Hall is at an elevation of 120 feet above sea level. Land uses include a diverse mix of residential, industrial, commercial, and agricultural districts interspersed throughout the community.

Bay Circuit Greenway

Tewksbury is one of fifty communities located along the Bay Circuit Greenway. The Bay Circuit, also known as the outer Emerald Necklace, was envisioned in 1929 as a 100-mile long "green beltway", extending from Plum Island on the north shore, to Kingston Bay on the south shore. The goal of the project was to create a series of parks and conservation lands linked by trails, waterways and scenic drives. Since the development of the original concept, the plan has been modified to accommodate current land use and

**Tewksbury, Massachusetts:
Location within the Northern Middlesex Region
and the Commonwealth.**



development patterns. As now envisioned, the potential network of parks and open spaces will preserve a swath of cultural and natural resources surrounding greater Boston.

The Bay Circuit Trail and the Merrimack River Trail traverses the northern portion of Tewksbury, south of the Merrimack River and north of River Road. The Bay Circuit Trail has two possible routes, depending on the season. In winter, skiers and walkers are allowed to continue parallel to the river on the Trull Brook Golf Course and behind St. Mary's Cemetery, to the public river trail through Tewksbury and Lowell. In other seasons the golf course is closed to non-golf use and people are encouraged to use Merrimack River Trail. The network of trails extends approximately 4 miles. The Bay Circuit Alliance has proposed additional trails that would traverse the southern portion of Town through the State Hospital lands and Livingston Park. Implementation of the proposed trail will require property acquisitions or easements.

B. History of the Community

Tewksbury is a suburban community perched in the uplands between the Merrimack and the Concord Rivers. The Wamesit tribe, who lived in the Shawsheen River Valley, and the European settlers that came to the area, shaped the evolution of community. Named after the Town of Tewkesbury, England, Tewksbury, Massachusetts was first settled in 1637, and established in the area formerly known as Wamesit in 1734, when the town was officially incorporated from Billerica. The Massachusetts Historical Commission has identified approximately two-dozen sites of possible archaeological significance that date back to these early inhabitants.

The town was gradually settled during the early decades of the 18th century. The early economic base depended on farming and grazing, with lumbering as a secondary activity. A sawmill was established on Trull Brook in about 1736.

By the early 19th century, the Lee Family Tannery was built and continued in operation throughout the century. The agricultural economy of the town shifted toward commercial activities due to the community's proximity to Lowell. In 1854, the state opened the almshouse, one of three established by the General Court. The complex of buildings housed one thousand inmates.

Some of Tewksbury's most unique resources exist as a result of the Town's rural history. Tewksbury was once well known for its rural character, including its proximity to Silver Lake in neighboring Wilmington, as well as for its greenhouses used to cultivate carnations. In the early 1900's, South Tewksbury became a haven for Boston residents as a summertime camp area. People would often buy property near Silver Lake and vacation in the summer months. Greenhouses and market gardens emerged as the town's primary businesses between 1890 and 1915. Many greenhouses cultivated carnations and other flowers for sale to the city markets. In fact, Tewksbury was nicknamed the "Carnation Capital of America." Even today there are several remaining greenhouses that offer a unique horticultural environment rich in historic value.

Most of Tewksbury’s oldest homes are located in the northwest, west and central sections of the town. A number of 18th and early to mid 19th century residences can be found on River Road, Main Street, East Street, Whipple Road and Rogers Street. Until the 1940s, the residential growth in Tewksbury occurred mainly along these roadways, with the exception of South Tewksbury between Main, South and Brown Streets and the Wilmington town line, where very small house lots were laid out during the 1920s.

Tewksbury was further transformed by two decades of very high growth following World War II. Subdivisions consumed significant portions of the town’s agricultural land. During the 1950s, a considerable amount of housing development occurred along Chandler Street and Foster Road. By the 1960s, large outlying tracts of land were developed as residential subdivisions. This trend continued until the mid-1970s when the demand for housing began to stabilize.

The Tewksbury Historical Commission engages in various projects directed at helping safeguard and promoting stewardship of Tewksbury’s rich heritage. Examples include administration of the town’s Demolition Delay By-Law in an effort to protect historically significant structures. The By-Law, although a useful tool, can only offer limited protection.

Tewksbury State Hospital and the Cyrus Battles House on North Street are listed on the State Register of Historic Places. The buildings at Tewksbury State Hospital are also listed on the National Register of Historic Places. Nearly fifty historic buildings and landmarks were identified in the Town’s Master Plan. Table 1 below contains a listing of these properties.

Table 1: Historic Buildings and Landmarks

Name	Location	Date constructed
Abram Mace House	219 Old Main Street	1780
Ames Castle	Catamount Road	c. 1800s
Benjamin Burt Homestead	1304 South Street	1800
Brown Homestead	1202 Main Street	1800
Captain Trull Monument	Corner of River and Trull Roads	NA
Centre Burial Ground	East Street	c. 1850
Chandler House	1269 Main Street	1777
Clark House	912 Shawsheen Street	1780
Colonel Russell Mears House	592 Main Street	1780
Cyrus Battles House	1002 North Street	NA
Davis Carter House	1574 Main Street	1780
Dunn House	687 Shawsheen Street	NA
Flemings Homestead	922 North Street	1800
Foster School	Main Street	1894
George Trull House	1515 Andover Street	1878
Gerald Carrigg House	574 Chandler Street	NA
J. Carter House	142 Carter Street	NA
Jefferson Soap Factory site	Main Street	NA
Jonas Clark Homestead	20 Fiske Street	1820
Kendall Homestead	Kendall Road	NA

Table 1 (Cont'd): Historic Buildings and Landmarks

Name	Location	Date constructed
Livingston Homestead	518 Kendall Road	NA
Maillet Farmhouse	728 Whipple Road	1800
Melvin Rogers Home	272 Whipple Road	NA
O.R. Clark Homestead	1400 Andover Street	1800
Oblate Novitiate	Chandler Street	1883
Old Railroad Bridge ruins	Shawsheen River south of Shawsheen St.	NA
Olive Roberts Farmhouse	360 North Billerica Road	NA
Original Parsonage	1448 Andover Street	1846
Osterman's Dairy	98 North Billerica Road	1872
P. Livingston House	166 French Street	NA
Patten's Greenhouse	North Street	1887
Paul O'Laughlin House	721 Shawsheen Street	NA
Powder Mill Explosion site	NA	1900
Preston Homestead	107 Pleasant Street	1775
Rev. Jacob Coggin Homestead/Sycamore Hall	1039 Main Street	1806
Rev. Spaulding Homestead	60 East Street	1736
Robert Rauseo	682 Chandler Street	NA
Saw Mill Site	Shawsheen Street	c. 1736
Shawsheen Cemetery	Corner of Main and Shawsheen Streets	c. 1714
Tewksbury State Hospital	East Street	1854
Tewksbury Country Club	1880 Main Street	NA
The Brown Tavern	993 Main Street	c. 1740
The Colonel Russell Means House	592 Main Street	1780
The Crosby Canning Factory	922 Whipple Road	NA
The Ella Fleming School	Andover Street	1744
The Enoch Foster House	43 Dewey Street	NA
The First Baptist Church	1500 Andover Street	1843
The G. French Homestead	27 Carter Street	c.1800
The George Lee House	53 Lee Street	1805
The Hardy Homestead	496 Main Street	1740
The Jonathan Clark Homestead	Andover Street	1800
The Life Farmer Homestead	1472 Andover Street	1744
The Marshall Homestead	379 Pleasant Street	1728
The Pike House	464 Main Street	
The Stone House	55 East Street	c. 1850
The 911 Memorial	Tewksbury Public Library, Main Street	NA
Widow Bailey House	219 River Road	1800
World Wars Monument	Main Street	NA

Source: *Tewksbury Master Plan, 2003*

C. Population Characteristics

General Population and Household Characteristics

The population of the Town of Tewksbury increased by 5.8% between 1990 and 2000 to 28,851 and has increased an additional 2.0% as of 2006 to 29,418, according to the Population Estimates Program administered by the U.S. Census Bureau. As outlined in Tables 2 and 3 below, these percentage increases in population have been less than in most other Northern Middlesex communities, with the exceptions of Chelmsford and

Lowell. According to the 2000 U.S. Census the population density for the Town of Tewksbury is 1, 316 persons per square mile.

Table 2: Population

Community	1990	2000	2006 (estimated)
Billerica	37,609	38,981	41,391
Chelmsford	32,383	33,858	33,707
Dracut	25,594	28,562	29,385
Dunstable	2,236	2,829	3,222
Lowell	103,439	105,167	103,229
Pepperell	10,098	11,142	11,412
Tewksbury	27,266	28,851	29,418
Tyngsborough	8,642	11,081	11,542
Westford	16,392	20,754	21,507

Source: U.S. Census Bureau, 1990 and 2000 Census Population Estimates Program

Table 3: Population Growth Rates

Community	1990-2000	2000-2006 (estimated)
Billerica	3.6%	6.2%
Chelmsford	4.6%	- 0.4%
Dracut	11.6%	2.9%
Dunstable	26.5%	13.9%
Lowell	1.7%	- 1.8%
Pepperell	10.3%	2.4%
Tewksbury	5.8%	2.0%
Tyngsborough	28.2%	4.2%
Westford	26.6%	3.6%

Source: U.S. Census Bureau, 1990 and 2000 Census Population Estimates Program

The Massachusetts Executive Office of Transportation and Public Works (EOTPW) has developed population projections for the Commonwealth of Massachusetts, the individual Metropolitan Planning Organizations (MPOs) and the individual communities within those MPOs. These figures were initially developed by EOTPW in draft form and provided to the regional planning agencies and individual communities for review and comment. The approach taken by EOTPW is based upon a share basis and the statewide projections are likely to be more accurate than the specific projections for local communities. Outlined in Table 4 below are the population projections for Tewksbury and the other NMCOG communities. The projections for 2010, 2020 and 2030 indicate that the population growth experienced by Tewksbury and the region during the past sixteen years is likely to continue.

Table 4: Population Projections

Community	2000	2010 (proj.)	2020 (proj.)	2030 (proj.)
Billerica	38,981	40,019	41,580	42,150
Chelmsford	33,858	34,923	36,680	37,500
Dracut	28,562	33,409	36,390	40,300
Dunstable	2,829	3,780	4,950	6,120
Lowell	105,167	108,208	111,890	113,270
Pepperell	11,142	14,509	18,450	22,450
Tewksbury	28,851	30,915	32,080	33,270
Tyngsborough	11,081	13,430	15,230	17,400
Westford	20,754	24,807	27,750	31,340

Source: U.S. Census Bureau, 2000 Census
Projections completed by Mass. EOTPW

As shown in Table 5 below, the number of households in Tewksbury increased by 12.6% to 9,964 households between 1990 and 2000. Based upon the household projections developed by EOTPW, it is expected that the number of households in Tewksbury will increase by 8% between the 2000 U.S. Census figures and the 2007 EOTPW projection figures, while there will be an increase of 9% between 2007 and 2020.

Table 5: Number of Households

Community	1990	2000	2007 (proj.)	2020 (proj.)
Billerica	11,687	12,919	13,590	14,920
Chelmsford	11,453	12,812	13,210	14,130
Dracut	9,019	10,451	11,940	13,990
Dunstable	692	923	1,180	1,790
Lowell	36,930	37,887	39,470	41,390
Pepperell	3,450	3,847	4,890	6,750
Tewksbury	8,711	9,964	10,770	11,750
Tyngsborough	2,844	3,731	4,400	5,530
Westford	5,332	6,808	7,950	10,050

Source: U.S. Census Bureau, 1990 and 2000 Census
Projections for 2007 and 2020 completed by Mass. EOTPW

Population by Age Group

As shown in Table 6 on the following page, the elderly population increased in the Town of Tewksbury from 9.4% in 1990 to 11.5% in 2000. The population of persons under age 18 years of age rose by 7.8% between 1990 and 2000. Most of Tewksbury's under-18 population growth occurred among persons 5 to 17 years of age, while the pre-school population declined by 4.7%.

Table 6: Population Change by Age Group

Age Cohort	1990 Population	2000 Population	% Change
Under 5 years	2,120	2,020	-4.72
5-17 years	4,568	5,193	13.70
18-24 years	2,764	1,787	-35.40
25-34 years	5,343	3,917	-26.70
35-44 years	4,555	5,537	21.60
45-54 years	2,999	4,285	42.90
55-64 years	2,352	2,801	19.10
65-74 years	1,559	1,926	23.50
Over 75 years	1,006	1,385	37.70
Total Population	27,266	28,851	5.81%

Special Needs Population

According to the 2000 U.S. Census, the special needs population of the Town of Tewksbury was estimated to be approximately 17.6% of the total population, or 4,655 residents. In comparison, the special needs population in the Greater Lowell region was 17.8% of the population, or 45,721 residents. As shown in Table 7 below, 40.4% of those residents over age 65 years reported some form of disability. The recreation needs of this population group must be given special consideration during the development of the Open Space and Recreation Plan.

Table 7: Disability Status of Tewksbury Residents

Disability status of the civilian non-institutional population	Both sexes	Male	Female
Population 5 years and over	26,517	12,871	13,646
With a disability	4,655	2,484	2,171
Percent with a disability	17.6	19.3	15.9
Population 5 to 15 years	4,403	2,203	2,200
With a disability	255	201	54
Percent with a disability	5.8	9.1	2.5
Sensory	55	38	17
Physical	21	0	21
Mental	201	156	45
Self-care	31	7	24
Population 16 to 64 years	19,061	9,390	9,671
With a disability	3,168	1,768	1,400
Percent with a disability	16.6	18.8	14.5
Sensory	397	272	125
Physical	965	484	481
Mental	602	326	276
Self-care	234	86	148

Table 7 (Cont'd): Disability Status of Tewksbury Residents

Disability status of the civilian non-institutional population	Both sexes	Male	Female
Going outside the home	883	472	411
Employment disability	2,230	1,236	994
Population 65 years and over	3,053	1,278	1,775
With a disability	1,232	515	717
Percent with a disability	40.4	40.3	40.4
Sensory	439	206	233
Physical	847	295	552
Mental	236	97	139
Self-care	212	89	123
Going outside the home	550	197	353
Population 21 to 64 years	17,532	8,590	8,942
With a disability	3,042	1,689	1,353
Percent employed	67.3	69.4	64.6
No disability	14,490	6,901	7,589
Percent employed	84.5	90.2	79.2

(X) Not applicable. Source: U.S. Census Bureau, Census 2000 Summary File 3, Matrices P42, PCT26, PCT27, PCT28, PCT29, PCT30, PCT31, PCT32, and PCT33.

Income Characteristics

Based on information provided in the 1990 and 2000 U.S. Census, the per capita income in Tewksbury increased from \$18,224 in 1990 to \$27,031 in 2000 or by 48.3%. As outlined in Table 8 below, the estimates developed for 2007 by Claritas, Inc., show a per capita income of \$32,015, an increase of 18.4% since 2000.

Table 8: Per Capita Income

Community	1990	2000	2007 (estimated)
Billerica	\$ 19,395	\$ 24,953	\$ 31,057
Chelmsford	\$ 21,814	\$ 30,465	\$ 36,887
Dracut	\$ 16,508	\$ 23,750	\$ 28,505
Dunstable	\$ 20,059	\$ 30,608	\$ 37,943
Lowell	\$ 12,701	\$ 17,557	\$ 20,411
Pepperell	\$ 17,374	\$ 25,722	\$ 34,422
Tewksbury	\$ 18,224	\$ 27,031	\$ 32,015
Tyngsborough	\$ 16,633	\$ 27,249	\$ 34,681
Westford	\$ 21,878	\$ 37,979	\$ 48,788

Source: U.S. Census Bureau, 1990 and 2000 Census. Estimates for 2007 developed by Claritas, Inc.

The statistics for median household income were slightly different, as outlined in Table 9 below. In 1990, Tewksbury lagged behind Chelmsford, Dunstable, and Westford with a median household income of \$52,572. Between 1990 and 2000, the median household income for Tewksbury increased by 30.9%, from \$52,572 to \$68,800. According to the 2007 estimates developed by Claritas, Inc., Tewksbury ranked fifth in the region for

median household income at \$80,767. This 2007 estimate represents an increase of 17.4% over the 2000 Census figure for median household income.

Table 9: Median Household Income

Community	1990	2000	2007 (estimated)
Billerica	\$ 50,210	\$ 67,799	\$ 79,040
Chelmsford	\$ 53,971	\$ 70,207	\$ 83,998
Dracut	\$ 45,165	\$ 57,676	\$ 66,335
Dunstable	\$ 62,515	\$ 82,633	\$ 100,161
Lowell	\$ 29,351	\$ 39,192	\$ 45,097
Pepperell	\$ 44,492	\$ 65,163	\$ 80,490
Tewksbury	\$ 52,572	\$ 68,800	\$ 80,767
Tyngsborough	\$ 48,842	\$ 69,818	\$ 85,785
Westford	\$ 60,566	\$ 98,272	\$ 124,514

Source: U.S. Census Bureau, 1990 and 2000 Census. Estimates for 2007 developed by Claritas, Inc.

Under the Massachusetts Environmental Justice (EJ) Policy of the Executive Office of Energy and Environmental Affairs (EOEEA), the Tewksbury State Hospital has been designated as an “income” EJ Neighborhood. Persons residing in this block group earned 65% or less of the state’s median household income, as determined by the 2000 U.S. Census.

The Business Community

The statistics reflecting the condition of the business community include the number of establishments, average monthly employment, average weekly wage, projected employment and industry composition in the Town of Tewksbury. Table 10 on the following page compares the number of establishments, average monthly wage and average weekly wage in the NMCOG communities and the state for the third quarters of 2003 and 2006. The number of establishments in Tewksbury actually decreased slightly from 819 in 2003 to 817 on 2006. The number of establishments statewide decreased by 1.8%, between 2003 and 2006. Average monthly employment and average weekly wages also decreased from 2003 to 2006. Tewksbury ranked fourth in average weekly wages, behind Billerica, Chelmsford and Westford.

Table 10: Establishments, Employment and Wages

Community	Establishments		Average Monthly Employment		Average Weekly Wage	
	2003(Q3)	2006(Q3)	2003(Q3)	2006(Q3)	2003(Q3)	2006(Q3)
Billerica	1,181	1,181	22,679	22,897	\$1,000	\$1,172
Chelmsford	1,130	1,154	20,788	21,350	916	1,055
Dracut	581	596	4,822	4,888	608	716
Dunstable	55	55	284	282	545	581
Lowell	1,876	1,936	32,059	32,974	787	859
Pepperell	213	233	1,472	1,440	604	615

Table 10 (Cont'd): Establishments, Employment and Wages

Tewksbury	819	817	15,766	15,417	1,046	1,040
Tyngsborough	355	376	4,609	4,391	557	625
Westford	665	651	10,866	11,334	1,275	1,358
State	205,211	208,821	3,131,033	3,197,357	\$860	\$950

Source: ES-202 Reports

The projected employment figures in Table 11 were developed by EOTPW and predict the employment levels in each community for 2010, 2020 and 2030. According to these projections, employment in Tewksbury is expected to increase by 12.2% over 2000 levels by 2010. Between 2010 and 2020, employment growth is expected to be lower at 2.5% for the decade. Similarly, a 3.5% employment growth rate is anticipated between 2020 and 2030.

Table 11: Projected Employment

Community	2000	2010 (proj.)	2020 (proj.)	2030 (proj.)
Billerica	26,632	28,796	29,450	28,930
Chelmsford	22,801	24,670	25,430	25,100
Dracut	9,019	10,451	11,940	13,990
Dunstable	692	923	1,180	1,790
Lowell	34,705	39,990	43,420	45,170
Pepperell	1,571	1,770	1,920	2,000
Tewksbury	17,266	19,370	19,860	19,930
Tyngsborough	4,293	5,203	5,740	6,200
Westford	11,485	14,987	15,990	17,530

Source: U.S. Census Bureau, 2000 Census; Projections completed by Mass. EOTPW

Table 12 on the next page summarizes the industry composition for the Town of Tewksbury. During the first quarter of 2007, there were a total of 825 establishments within the community. Of those, 185 were within the goods-producing domain and 640 were within the service-providing domain. Those businesses within the goods-producing domain paid the highest wages with an average weekly wage of \$2,415, compared with an average weekly wage of \$981 within the service-providing domain.

Table 12: Industry Composition for the Town of Tewksbury
(First quarter of 2007)

Description	Number of Establishments	Number of Employees			Total Wages	Average Monthly Employment	Average Weekly Wages
		Jan	Feb	Mar			
Total, All Industries	825	15,284	15,224	15,278	\$259,149,384	15,262	\$1,306
Goods-Producing Domain	185	3,458	3,525	3,392	\$108,564,625	3,458	\$2,415
Construction	154	949	909	919	\$12,058,002	926	\$1,002

Table 12 (Cont'd): Industry Composition for the Town of Tewksbury

23 - Construction	154	949	909	919	\$12,058,002	926	\$1,002
NONDUR - Non-Durable Goods Manufacturing	8	60	57	53	\$384,994	57	\$520
Service-Providing Domain	640	11,826	11,699	11,886	\$150,584,759	11,804	\$981
Trade, Transportation and Utilities	159	3,140	3,129	3,182	\$32,453,042	3,150	\$793
42 - Wholesale Trade	51	786	808	828	\$15,642,961	807	\$1,491
44-45 - Retail Trade	83	2,028	2,000	2,030	\$13,454,160	2,019	\$513
48-49 - Transportation and Warehousing	23	284	279	282	\$2,424,207	282	\$661
Information	13	581	597	593	\$17,858,408	590	\$2,328
51 - Information	13	581	597	593	\$17,858,408	590	\$2,328
Financial Activities	63	559	564	580	\$7,716,518	568	\$1,045
52 - Finance and Insurance	30	361	371	386	\$5,580,908	373	\$1,151
53 - Real Estate and Rental and Leasing	33	198	193	194	\$2,135,610	195	\$842
Professional and Business Services	133	2,466	2,461	2,490	\$53,151,748	2,472	\$1,654
54 - Professional and Technical Services	85	1,673	1,668	1,691	\$37,074,510	1,677	\$1,701
56 - Administrative and Waste Services	43	268	263	273	\$1,882,558	268	\$540
Education and Health Services	71	2,551	2,500	2,522	\$23,958,810	2,524	\$730
62 - Health Care and Social Assistance	57	1,866	1,815	1,829	\$17,625,717	1,837	\$738
Leisure and Hospitality	87	1,575	1,534	1,581	\$6,099,381	1,563	\$300
71 - Arts, Entertainment, and Recreation	13	126	125	125	\$768,101	125	\$473
72 - Accommodation and Food Services	74	1,449	1,409	1,456	\$5,331,280	1,438	\$285
Other Services	104	644	620	626	\$5,268,345	630	\$643
81 - Other Services, Ex. Public Admin	104	644	620	626	\$5,268,345	630	\$643
Public Administration	10	310	294	312	\$4,078,508	305	\$1,029
92 - Public Administration	10	310	294	312	\$4,078,508	305	\$1,029

Source: ES-202 Reports

D. Growth and Development Patterns

Land Use and Zoning

Tewksbury is a mature suburb of Lowell. Although the Town’s present population of 28,851 represents a modest increase of 5.8% over the past decade, the community was transformed by high growth rates after World War II. Between 1950 and 1970, the number of people living in Tewksbury increased by 155%. In the early 1970s, Tewksbury had 1.47 acres of forest per person. Today, forests constitute less than .15 acres per capita. Commercial and industrial development occupied only 3.2 % of the town in 1971, but has since doubled.

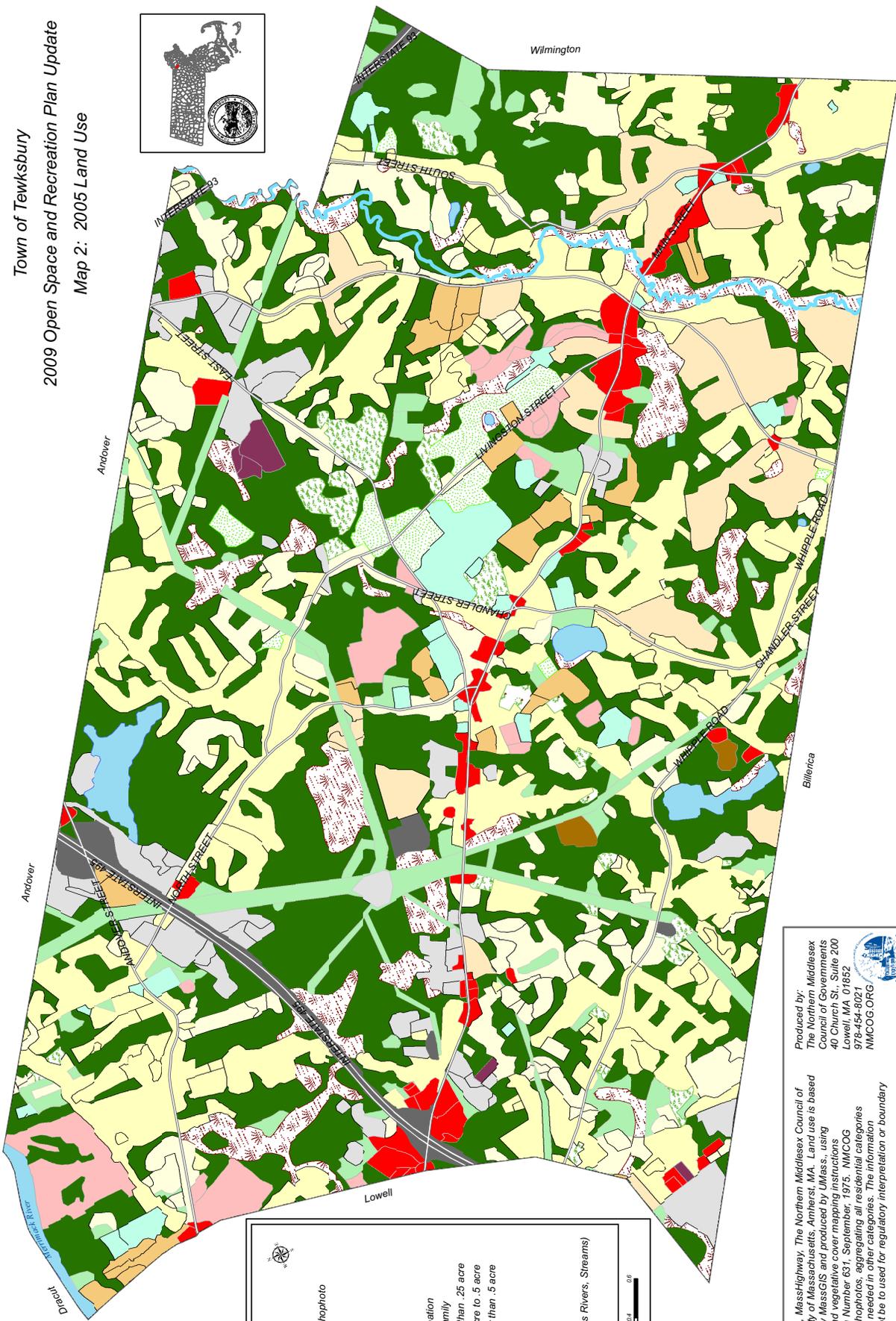
Today, Tewksbury is a mix of development styles and traditions, many of which pre-date zoning law. Among the most striking changes in Tewksbury’s late 20th century development is the increase in land used for multi-family dwelling units. Tewksbury had almost no garden apartments in the early 1970s. Map 2 on the following page depicts the 1999 Land Uses for the Town of Tewksbury. Table 13 below summarizes major land use changes since 1971.

**Table 13: Land Use: 1971 to 1999
(Acres)**

Land Use Category	1971	1985	1999	Change from 1971-1999
Agriculture	946.6	806.6	477.3	-469.0
Forest	5,438.4	4,669.0	4,275.4	-1,163.0
Wetlands and water resources	930.9	930.9	933.7	2.9
Multi-family housing	6.7	112.0	346.8	240.2
High Density residential	653.9	653.9	687.5	33.6
Moderate/low density residential	3,028.5	3,725.5	4,380.5	1,351.9
Commercial	224.1	301.2	349.7	125.6
Industrial	204.7	385.3	535.3	330.7
Transportation	238.1	239.9	198.2	-39.8
Open space, parks, institutional uses	589.5	717.3	565.8	-23.7
Other Open Land	1,073.8	830.0	810.6	-263.1
Miscellaneous	191.0	154.4	65.1	-125.9

The town’s Zoning Bylaw policies and practices have influenced the development of the community over the past four decades and will continue to impact the quality and appearance of future development and redevelopment of established areas. As shown in Table 14, the Tewksbury Zoning Bylaw includes 12 zoning districts, as well as six (6) overlay districts. Two of the overlay districts are intended to protect environmental resources by regulating development within the Floodplain and within Zone II of a public water supply.

Town of Tewksbury
 2009 Open Space and Recreation Plan Update
 Map 2: 2005 Land Use



Legend

- Town Boundary
- Major Roadways
- Land Use from 2005 Orthophoto
- Cropland
- Pasture
- Forest
- Wetland
- Mining
- Open Land
- Participatory Recreation
- Residential-Multi-family
- Residential - Less than .25 acre
- Residential - .25 acre to .5 acre
- Residential greater than .5 acre
- Commercial
- Industrial
- Urban Open
- Transportation
- Waste Disposal
- Open Water, (Lakes, Rivers, Streams)
- Woody Perennial

0 0.1 0.2 0.4 0.6 Miles

Data provided by MassGIS, Massachusetts, The Northern Middlesex Council of Governments and University of Massachusetts, Amherst, MA. Land use is based upon 1999 files provided by MassGIS and produced by Ultras, using the McCell, fence and vegetation cover mapping methodology issued in Research Bulletin Number 631, September, 1975. MIMCOG updated based on 2005 orthophotos, aggregating all residential categories and making changes when needed in other categories. The information portrayed on this map is not to be used for regulatory interpretation or boundary determination.

Produced by:
 The Northern Middlesex
 Council of Governments
 40 Church St., Ste 200
 Lowell, MA 01852
 978-454-8021
 NIMCOG.ORG



Two of the overlay districts are geared toward roadways and interstates by regulating development within and/or along the Highway Corridor and Interstate Overlay Districts. The fifth overlay district regulates arts, crafts, and cottage industries in residential neighborhoods along Shawsheen Street, East Street, South Street, Whipple Road and Salem Road. The last overlay district encourages multiple family dwellings in the senior village district/55, by allowing a greater variety of multi-family building types at a higher density than would normally be allowed.

Table 14: Tewksbury Zoning Districts

Zoning District	Acres	% Area
Commercial (COM)	480.3	3.55
Community Development (CDD)	67.8	0.50
Farming (FA)	700.0	5.18
Heavy Industrial (HI)	2,155.6	15.94
Limited Business (LB)	5.3	0.04
Municipal (MN)	205.6	1.52
Multi-family (MFD)	318.5	2.35
Multi-family 55 (MFD/55)	70.3	0.52
Park (P)	103.4	0.76
Residential 40 (R-40)	9,392.2	69.44
Transitional (TR)	26.5	0.20

Tewksbury’s land use pattern is dominated by residential development, including single-family homes on small to moderate sized lots, two-family and multi-family uses. Residential land uses occupy nearly 40% of the town’s total land area, or 5,315 acres. Although the town absorbed new residential development in the 1990s, the town has not grown at a rate significantly higher than other communities in the Commonwealth. In fact, as stated previously, its rate of population growth is lower than average, which can be attributed to the amount of multi-family housing development that exists.

Approximately, 69% of all land within the community is in the R-40 Zoning District which is intended for single-family homes on one-acre lots. Parcels of 12 or more acres in the R-40 district may be developed by right as a conventional subdivision or as a cluster subdivision by special permit from the Planning Board. Tewksbury does not specify a minimum percentage of protected open space in its cluster bylaw; although it requires the total area of unsubdivided land to not be less than 8 acres. Instead, the zoning bylaw sets open space performance standards and leaves the percentage flexible as a way to accommodate varying site conditions.

The town’s zoning bylaw provides for a range of housing options within three zoning districts: Multi-family (MFD), Multi-family 55 (MFD-55) and Community Development (CDD). Multi-family housing is allowed by special permit in the MFD and MFD-55 districts. The MFD-55 district restricts multi-family occupancy to householders over age 55 and allows for large (150-unit) developments. MFD district regulations limit individual developments to a maximum of 100 units. While MFD developments must

meet a minimum lot size requirement of four acres, MFD-55 projects are subject to a twelve-acre minimum. In both zones, development must provide open space and recreation areas. In October 2002, Tewksbury adopted an affordable housing bylaw that requires developments in the MFD and MFD-55 to provide 15% of all units to be deed-restricted for affordable housing and included on the state's Subsidized Housing Inventory.

Uses allowed with the Community Development District include independent living and assisted living units, and adult day care facilities, along with accessory retail and restaurant uses. Age-restricted multi-family housing is also allowed within the CDD district. As a use distinct from age-restricted multi-family housing, a CDD project may contain independent living units but it must contain assisted living units. CDD projects are allowed as of right subject to site plan approval by special permit. The CD District requires 25% open space.

Commercial and industrial land uses have more than doubled in Tewksbury since 1970. The rate of industrial growth has far surpassed the rate of commercial growth. New industries have located in the northern and western sections of the community where land zoned for heavy industry is easily accessed from I-495. Except for a small area near the junction of River Road and Andover Street, the town's commercially zoned land lies along Main Street (Route 38).

Tewksbury encourages business and industrial development in four zones: Commercial (C), Limited Business (LB), Heavy Industrial (HI) and Transitional (TR). Non-residential development in all zoning districts is subject to site plan special permit from the Planning Board. The commercial district runs the entire length of Route 38, except for a small pocket of transitional district land near the intersection of Livingston and Main Street. The town divides the jurisdiction over development within the commercial district between the Planning Board, the Zoning Board of Appeals and the Board of Selectmen. This district allows several uses by right including retail, restaurants, bed and breakfast facilities, and personal service establishments. Other uses require a special permit from the Planning Board, such as hotel, fast-food restaurants and recreational facilities. The ZBA has authority over special permits for auto storage businesses, membership clubs, and car washes, while the Board of Selectmen is the special permit granting authority for roadside vendors. All business projects require site plan approval by special permit regardless of whether the use is permitted by right or by special permit.

The TR District occupies a 26-acre area on Route 38. Uses within the district allowed by right include single-family homes, a bed and breakfast, childcare facilities in an existing structure and accessory uses. The ZBA may grant a special permit for personal service establishments and garaging of commercial vehicles, while the Planning Board has jurisdiction over special permits for retail sales, restaurants and fast food outlets.

The LB District is located at the corner of Shawsheen Street, Foster Road and Beech Street. The Zoning Bylaw allows single-family homes by right in the LB District but

prohibits traditional commercial uses. Commercial land uses currently occupy about half of the five-acre district.

The HI District is the second largest district in the town. One section of the HI District runs along a portion of East Street from the Andover town line, extends to Pinnacle Road, and crosses Livingston Street. A second section begins in North Tewksbury and follows both sides of I-495 to the Great Swamp. A third area exists adjacent to the Route 38/I-495 interchange, and a fourth lies in the southwest corner of town near the Billerica town line. The prevalence of wetlands hinders the development potential of this district. The average industrial parcel in Tewksbury is 13 acres in size and the average facility is 47,525 for a floor area ratio of .084, which is quite low in comparison to other communities across the Commonwealth.

The OR District was established based on recommendations from the 2003 Master Plan. The OR District must comply with the dimensional requirements of the HI District. The Planning Board may waive the HI requirements in the Office Research District upon granting a Special Permit.

The Town permits a range of industrial development by right including R&D facilities and machine shops. Other industrial uses are allowed by special permit from the Planning Board including manufacturing, warehouse facilities and freight terminals. All uses are subject to site plan approval by special permit from the Planning Board.

Build-out Potential

In 2001, the Northern Middlesex Council of Governments (NMCOG) evaluated the build-out potential for the Town of Tewksbury utilizing a methodology developed by the Executive Office of Environmental Affairs (EOEA). EOEA's intent was to forecast the maximum amount of residential, commercial and industrial development that could occur under existing zoning regulations.

NMCOG estimated that Tewksbury had 1,712 acres of developable land. The potential number of house lots was approximated by reducing the amount of developable land in each residential district by a unique factor for roads and irregular lots, and dividing the result by each district's minimum lot size. Additional reductions were made to account for partial development constraints such as wetlands and floodplains. Similarly, commercial and industrial development estimates were made by multiplying an effective floor area ratio by the amount of developable land in each non-residential zoning district. Table 15 on the following page, details the residential, commercial and industrial multipliers that were used in Tewksbury's build-out analysis; along with the amount of developable land in each zoning district. Map 3 on page 26 outlines the current zoning districts.

**Table 15: Summary Statistics - Tewksbury Build-out Study
(2001)**

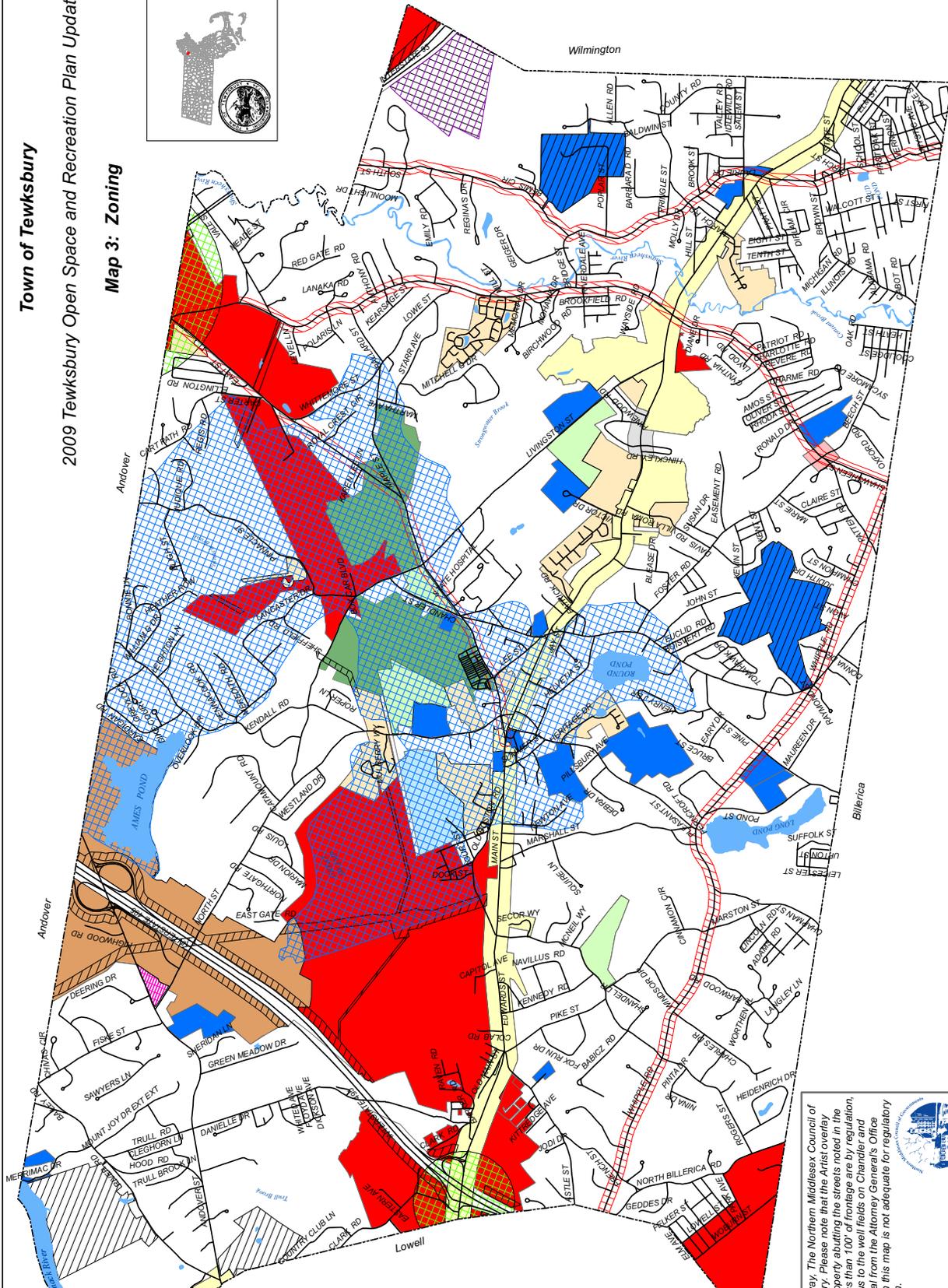
Zoning District	Minimum Lot Size (sf)	Build Factor or Floor Area Ratio	Net Developable Land (acres)	% of Developable Land	Zoning District % of Town Area
C	43,560	.322	20.7	1.2	3.5
CDD	522,720	0.89	22.3	1.3	0.5
Fm	43,560	0.82	19.6	1.2	5.1
H	43,560	.345	283.2	16.7	16.4
LB	NA	NA	0.0	0.0	0.0
M	43,560	.410	6.4	0.4	1.4
MFD	174,240	0.88	10.5	0.6	2.3
MFD 55	522,720	0.89	12.1	0.7	0.5
P	NA	NA	0.0	0.0	0.8
R-40	43,560	0.82	1,318.9	77.7	69.4
TR	NA	.470	3.6	0.2	0.2
Total			1,697	100.0	100.0

Although Tewksbury still has room for new growth, the town is largely developed and future land use changes will likely arise principally from redevelopment projects. Taking into account the Town's developed suburban character and extensive wetlands; NMCOG's build-out analysis projects a maximum of 1,268 new housing units and 4.7 million square feet of new commercial and industrial growth. Tewksbury's wetland and water resources are already stressed by the impact of intensive development.

Town of Tewksbury

2009 Tewksbury Open Space and Recreation Plan Update

Map 3: Zoning



Legend

- Town Boundary
- Roadways
- Lakes, rivers and streams
- Zoning Overlay Districts
- Artist
- Cell Tower
- Ground Water
- Highway Corridor
- Interstate
- Senior Village
- Zoning Districts
- Commercial
- Community Development
- Farming
- Heavy Industrial
- Limited Business
- Multi-Family
- Municipal
- Office/Research
- Park
- Residential
- Transitional

Scale: 0 50 100 Feet

Data provided by MassGIS, MassHighway, The Northern Middlesex Council of Governments and the Town of Tewksbury. Please note that the Artist Overlay District has been drawn to include all property abutting the streets noted in the Zoning Regulations. Properties with less than 100' of frontage are by regulation, excluded. Also note the change of status of the wet fields on Chandler and Poplar Streets has been made. Approval from the Attorney General's Office is pending. The information depicted on this map is not adequate for regulatory purposes and is for informational purposes only.

The Northern Middlesex Council of Governments
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 Lowell, MA 01852
 978-454-8021
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E. Infrastructure

Transportation

Located at the junction of I-495 and I-93, Tewksbury is served by two major interstate transportation corridors. Interstate 495 loops through the northern section of town from the Lowell border to the Andover town line. There are two interchanges along the highway that provide access to Tewksbury: one at Route 38 and another at Route 133. Interstate 93 runs in a north-south direction through the eastern most section of town. However, Tewksbury is not directly served by an I-93 interchange. The closest interchange to Tewksbury is located on Dascomb Road in Andover, approximately one-half mile from the Tewksbury line.

State numbered Route 38 and Route 133 serve as major arterials. Route 133 runs east-west through North Tewksbury and is connected to I-495 by Interchange 39. Route 38 is also known as Main Street and runs southeast to northwest through the entire length of town. Route 38 connects to I-495 at Interchange 38 and serves as a major gateway into the community. Major collector roadways in town include Whipple Road, Shawsheen Street, Pleasant Street, Chandler Street, East Street, North Street and River Road. Most of the town's collector roadways lack sidewalks and have very limited shoulder widths limiting the areas in town that are walkable. In total, there are 142.66 miles of roadway with the Town of Tewksbury.

The Lowell Regional Transit Authority (LRTA) provides fixed route bus service in two areas of Tewksbury: along Route 133 and along Main Street. The LRTA also provides Road Runner service for senior citizens and persons with disabilities. The MBTA commuter rail line between Gallagher Intermodal Center in Lowell and North Station in Boston provides indirect service to Tewksbury residents. The stations along the Lowell line that are utilized most by Tewksbury residents include Lowell, North Billerica, and Wilmington.

Water Supply

The Tewksbury water system was established circa 1941, mainly to service the State Hospital and surrounding homes near Long Pond. The remainder of the town was serviced by a town water system supported by individual wells, which were eventually abandoned due to reduced water output and increased levels of contamination. The location of the town's first storage tank located at Catamount Street (aka Ames Hill), which is still in use, is home to the two (2) underground storage tanks which were built circa 1951 and 1958. Each tank can hold up to 500,000 gallons of water. In 1971 an elevated storage tank was constructed at Astle Street, which was just recently refurbished and can store up to 1,000,000 gallons of water. In August 2007, the Town completed the construction of a wire wound pre-stressed concrete tank that can hold 5,000,000 million gallons of water, which is located on Colonial Drive. This tank is the largest pumped tank in New England and provides a low profile. Its low profile is due to the tank being practically buried, minimizing its presence on the landscape. The Water Treatment Plant

that operates today to supply residents with water was built in 1988. The town recently increased the capacity of its Water Treatment Plant to 7.0 million gallons per day.

Tewksbury receives its water supply primarily from the Merrimack River, which traverses through the northeast portion of Town. The Massachusetts Surface Water Quality Standards classify the Merrimack River as a Class B waterway, which means that the water withdrawn for drinking water purposes must be treated. The water drawn from the Merrimack River by the Tewksbury Water Plant is considered one of the best raw water sources in the area. Since the mid-1990s, the Merrimack River has supplied all of the water for Tewksbury's municipal water systems, which serves most of the community. Only a few homes and Tewksbury State Hospital rely on private wells.

The water drawn from the river undergoes many treatment processes that remove particulate matter, and disinfect and polish the water before transmission to the general public. The Water and Sewer Division of the Town's Department of Public Works is responsible for the distribution of a public water supply and for the provision of a fire suppression service to the 9,000 residential and 562 commercial accounts within the Town. The water is distributed throughout town via a system comprised of 164 miles of water mains. The town's water system is also responsible for providing service to its 1,191 fire hydrants.

Tewksbury once used groundwater from aquifers for its public drinking water and the town's well-fields. The source for these wells is the large aquifer located below the Shawsheen River. The Shawsheen River watershed is of major importance to the Town, as it occupies a considerable portion of the land area, and is underlain by a large aquifer, which serves as the major source of groundwater for Town wells. Land use management to protect aquifers must be undertaken with great care to protect the Town's own water resources for sustainable, long term use. A significant part of aquifer recharge area continues to be strictly protected and managed by the Wetlands Protection Act and Tewksbury's Wetland Protection bylaw. Additionally, during peak water usage days that occur primarily in the summer months; Tewksbury has the option to purchase water from the neighboring Town of Andover.

The Massachusetts Department of Environmental Protection (DEP) and the Environmental Protection Agency (EPA) requires the Town to notify the public if any drinking water regulations are violated. The EPA and the Merrimack River Watershed Council monitor the River's water quality and its flows and report the water quality of the portion of the River south of Manchester, NH that flows through Tewksbury.

Wastewater Treatment

During the 1980s and 1990s, the Town of Tewksbury planned and built five phases of a town-wide sewer system, which serviced 40% of the Town. Initially the Town planned to have a unified municipal sewer system, which was scheduled to be completed in 17 phases, however fell funding short and the remaining 12 phases were put on hold. On October 1, 2002, a Special Town Meeting was held and voters approved a long-term

funding program to fund a sewer expansion project that would finally bring sewer service to the entire town. Phases 6, 7, 8 and 9 have successfully been completed. Phase 10 is scheduled to be completed in June 2009 and Phase 11 in June 2010. The cost for Phases 6 through 11 is estimated to be approximately \$99 million.

Since commencement of Phase 6, the Town has worked ambitiously to complete all remaining six (6) phases by 2010. The cost will be covered through a combination of a one-time \$3,000.00 availability charge, and user rates that will be placed in a dedicated fund to cover the expansion costs.

The Town's sewerage system discharges to the Greater Lowell Waste Water Treatment Plant located along the Merrimack River in the City of Lowell. The Sewer Program component when completed will be responsible for the collection and disposal of 4.2 million gallons of sewerage each day from approximately 12,000 +/- residential and commercial accounts within the Town. The collection system will consist of 92 miles of gravity and forced sewer mains, 28 sewer pumping and booster stations, several thousand manholes, and several miles of sewer easements.

The most recent Title V regulations (310 CMR 15.000) which took effect on April 21, 2006, have placed older conventional septic systems in jeopardy, and thus, increased the need for expanded sewer service throughout the Town. The MassDEP recommends upgrading conventional systems or impaired systems with innovative/alternative (I/A) Title 5 systems. Additionally, with the enactment of a Town Bylaw in 1993, properties are assessed a sewer fee when a sewer line is constructed. Thus, emphasis is placed on the need for existing properties that have access to the Town sewer system to tie in and utilize the sewer system. The town is in the process of developing specifications for the upgrading of seven (7) of the oldest and largest sewer pumping stations, which commenced in 2007, with an assessment of the oldest and most problematic stations. The DPW has also worked with the DEP in completing their mandated leak detection survey, which identified over thirty (30) leaks, which have since been repaired.

The new sewer system holds potential for passive recreation. Some of the main sewer interceptors run with 20-foot wide easements along waterways and through undeveloped areas. In 1980, the Northern Middlesex Area Commission suggested in a study entitled *Recreation and Open Space Opportunities Associated with Water Cleanup* that the 20-foot wide sewer easements running near or through significant open space areas could serve as part of a bikeway or trail system, which might be considered in conjunction with other objectives in this plan.

Section 4: Environmental Inventory and Analysis

A. Geology, Soils and Topography

Landforms

Tewksbury is located on slightly rolling lowland terrain, with elevations varying from 85 feet to 200 feet above sea level. The northwestern section consists of rolling hills, and the southeastern section is fairly level. The one major exception is Ames Hill in the northern corner. The summit, at 363 feet above sea level, is the highest point in the Shawsheen River watershed. In addition, there are significant areas of low-lying marshland throughout the Town, the largest of which is The Great Swamp near the Town Center.

Tewksbury is situated on glacial outwash plain, deltas, and related landforms left behind by the last Ice Age. To the north and west, are upland hills consisting of drumlins and ground moraine. The Town's ponds are kettle lakes, and the soil is sandy or gravelly in many areas, all due to the retreat of the glacier around 10,000 years ago.

Bedrock Geology

According to the United States Geological Survey (USGS) the Town of Tewksbury consists of the following three (3) Rock B classification types: Granite, Mafic and Metamorphic. Granite and Mafic are *igneous* rocks that are formed from a molten state. Igneous rocks are geologically important in that igneous rocks evolve; they change from one kind of rock into another. Some common igneous rock types that can be found in Tewksbury are: granite, quartz, amphibole, monzonite, diorite, and gneiss. These formations are high in magnesium and ferrous iron, and their presence gives mafic rock its characteristic dark color. Mafic rocks found in Tewksbury tend to have a low sensitivity to acid deposition, while granite is known for having high concentration levels of radon.

Metamorphic rocks come from the word "metamorphism," which means the alteration of a pre-existing rock (the parent rock) due to heat and pressure caused by burial in the earth. The parent rock must adapt to the new conditions and it does so by changing mineral composition and texture. As with igneous and sedimentary rocks, metamorphic rocks are classified on the basis of texture (grain size, shape, orientation) and mineral composition. Some common metamorphic rock types that can be found in Tewksbury are: schist, gneiss, quartz, greenstone and greenschist. Metamorphic rocks found in Tewksbury range from having a low to high sensitivity to acid deposition depending on the specific rock type.

Throughout town the depth of bedrock varies greatly. The bedrock is covered by soil, subsoil, and surficial deposits. The bedrock divides the town into two drainage basins: Shawsheen and Concord/Merrimack. In the Paxton-Woodbridge Soil Association,

described in the soils subsection of this report, depth to bedrock varies from two (2) feet of the surface to extremely deep.

Surficial Geology

The surface is underlain by hard, crystalline bedrock, which is exposed in several places, mainly in western and northern Tewksbury. The underlying bedrock divides the Town into two water drainage systems. The northwest region of Town drains into the Concord or Merrimack Rivers, and the southeast region of the Town drains into the Shawsheen River or its tributaries.

Soils

Soil composition is an important consideration for stormwater control, siltation and erosion control, drainage, land use planning, and groundwater resource protection. There are several soil associations within the town, including Freetown in the wetland resource areas, Windsor-Hinckley-Deerfield covering nearly half the town, Paxton-Woodbridge around till uplands near Ames Pond, and Canton-Hollis-Chatfield at two hilly, ledge outcrops. Soil conditions make about twenty (41.7%) of Tewksbury largely unsuitable for development, and another fifty-six (17.5%) percent of the town unsuitable for development that relies on on-site traditional sewage disposal methods. The following soil associations were grouped together based on several soil classifications: Windsor-Hinckley-Deerfield Association; Paxton-Woodbridge Association; Freetown Association; and Canton-Hollis-Chatfield Association. Map 4 on the following page depicts the various soil types within the Town of Tewksbury. Soils information is used to determine limitations of land areas for recreation and open space activities as well as for residential, commercial, and industrial development.

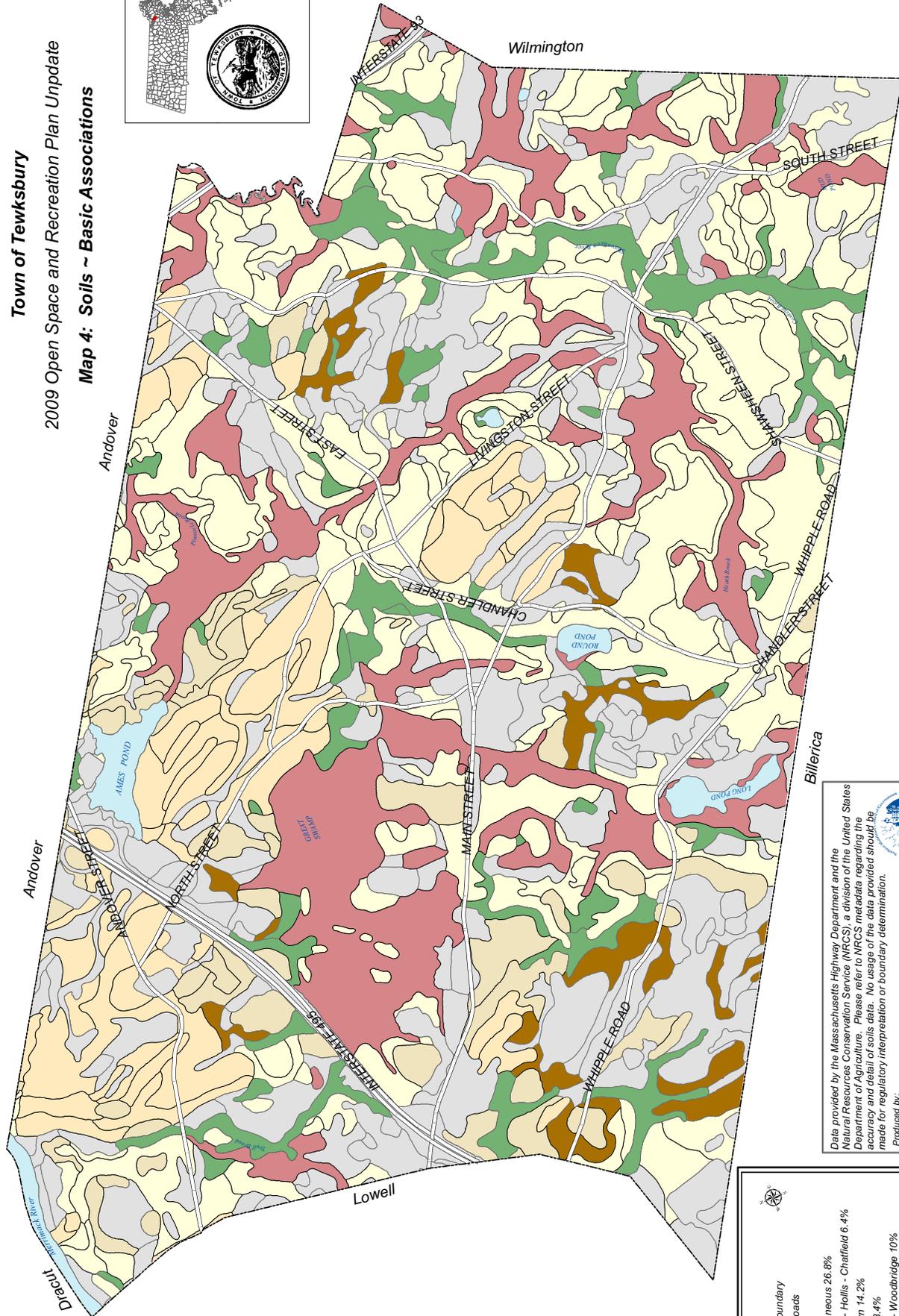
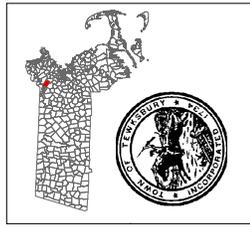
About thirty-one (31.4%) of Tewksbury is covered by the Windsor-Hinckley-Deerfield Association, which is composed of sandy, gravelly, and moderately well-drained soils. These soils make up most of the ground cover in the Town and they are found on level or gently sloping land formations. The sandy nature of these soils allows them to absorb sewage effluent, but their rapid permeability means that shallow wells in these soils can easily become contaminated from nearby septic systems or other nonpoint source pollutions. Most of these soils have slight limitations for residential, commercial, or industrial uses, and can readily accommodate most kinds of recreation.

Comprising about fourteen (14.2%) of the land area, and scattered throughout Tewksbury, the Freetown soils are composed of very poorly drained muck and freshwater marsh organic soils. They are found in level and depressed areas, and along waterways, and have a moderate to very moderately permeability. The water table is generally at or near the surface most of the year in these areas. These soils have moderate limitations for site development and recreational uses. Freetown soils are poorly suited for most agricultural and woodland uses. There are severe limitations for residential, commercial, or industrial uses because of wetness, poor load-bearing capacity, and seasonal high

Town of Tewksbury

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Map 4: Soils ~ Basic Associations



Legend

- Town Boundary
- Major Roads
- Soil Types
- Miscellaneous 26.8%
- Canton - Hollis - Chatfield 6.4%
- Freetown 14.2%
- Mucky 8.4%
- Paxton - Woodbridge 10%
- Schuete - Essex 2.7%
- Windsor - Hickey - Deerfield 31.4%

Data provided by the Massachusetts Highway Department and the Natural Resources Conservation Service (NRCS), a division of the United States Department of Agriculture. Please refer to NRCS metadata regarding the accuracy and detail of soils data. No usage of the data provided should be made for regulatory interpretation or boundary determination.

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water tables. Organic layers have very low strength and should be removed to support loads.

The Paxton-Woodbridge Association covers approximately ten (10%) of the land area in Tewksbury, mostly concentrated around Ames Pond and in the western corner of Town. They are well-drained and moderately well-drained loamy soils in the sub-glacial and lodgement till classification. These soils are very deep to bedrock and moderately deep to a densic contact. They are found on level to moderately steep formations on till plains, hills, and drumlins. Slopes for such formations range from 0 to 25, and 0 to 45 percent respectively. These soils are characterized by a slowly permeable hardpan within two feet of the surface. Seepage keeps them wet for significant periods in winter and early spring. These soils have few limitations for woodlands, some recreational uses, and agriculture. However, they have strict limitations for industrial and commercial use, and residential development with on-site sewerage disposal.

Canton-Hollis-Chatfield Association soils are moderately well-drained and comprise only six (6.4%) of the land area in the Town. These soils are found in two (2) locations – one tract near Ames Pond, and another in the western corner of Town, where the terrain is hilly. These soils are found in stony and rocky areas with frequent ledge outcrops, and have moderate to severe limitations for woodlands, but slight or moderate limitations for some wildlife or recreational uses. Agricultural, residential, commercial, and most other uses are severely limited by the bedrock. Groundwater supplies are difficult to develop and sewage disposal areas are difficult to install.

Mucky-Fresh Water Marsh Association soils covers approximately eight (8.4%) of the land and are very poorly drained organic and mineral soils on low-lying level terrain with water tables at or near the surface. The general soil area has no limitations for wetland wildlife, and is suitable for some kinds of recreational uses. It is not suitable for development. The vast majority of these areas are within protected wetlands.

Comprising about two (2.7%) of Tewksbury, the Scituate-Essex Association is composed of compact glacial till soils that have hardpan near the surface. These soils are well-drained and moderately well-drained stony soils that developed in sandy, compact glacial till. The depth to hardpan is from 1.5 to 2 feet. Excess seepage water or fluctuating water table within two feet of the surface of Scituate soils may keep them saturated with water for a significant period of time. The condition generally prevails during the winter and spring, but also occurs during prolonged periods of rainfall. The hardpan present in this soil association is slowly permeable, severely curtailing the ability of these soils to absorb sewage effluent. In addition to hardpan, the soils contain stones and boulders on and below the surface. These soils are unsuitable for development dependent on on-site disposal systems but can be used for woodland, wildlife habitat, and some kinds of recreation.

B. Landscape Character

Tewksbury's landscape is characterized by both natural and built environments. The most distinctive landscape features are the State Hospital land, Trull Brook, floodplains, and wetlands surrounding the Concord, Merrimack and Shawsheen Rivers, the rivers themselves, and the two major ponds: Round and Long Pond. The Rivers are equally important today as they were over two hundred years ago. These rivers shaped Tewksbury's landscape, topography and development patterns. Today, they provide residents with drinking water and recreational opportunities; and they are natural and cultural resources that influence planning and development decisions.

Once a rural agricultural community, the town is now considered a mature suburb of Lowell. The Town Center remains the nucleus of the town, where civic engagement is most likely to be found. Today, the Town Center, Town Hall and Victorian-era homes preserve the architectural and historic character of the Town. Additionally, the State Hospital, circa 1854, and surrounding land has been an important attribute to the town's natural landscape and heritage.

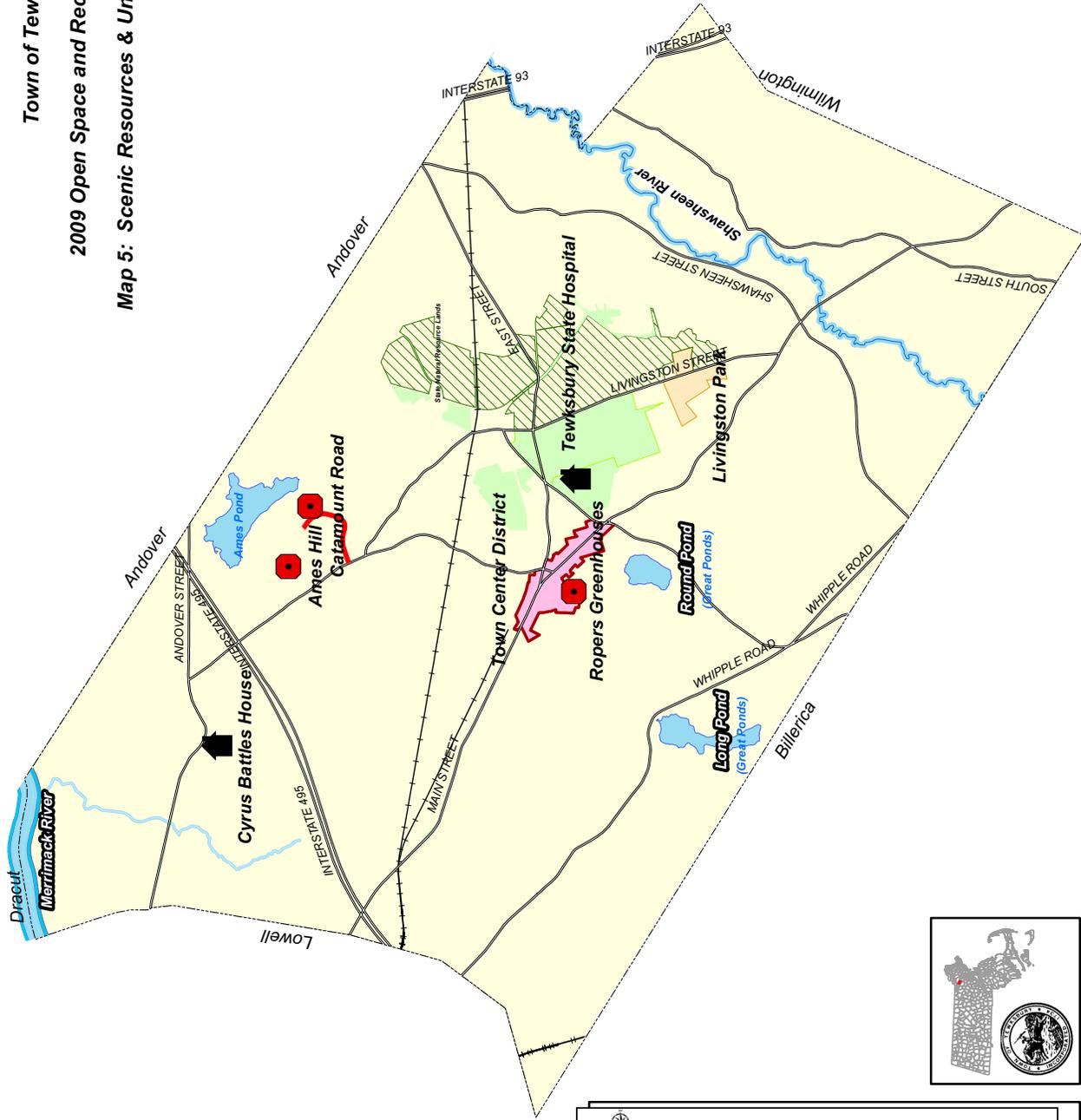
Due to regional transportation improvements over the past 50 years, the Town has seen scattered development patterns that have transformed the character of the landscape. Furthermore, the land use character of Tewksbury has also been dramatically impacted by the postwar residential development starting in the 1950s. The town is a mix of development styles and traditions, with the most striking change since the early 1970s being the rise in the number of apartment buildings. The detached, single family house is still the dominant land use, occupying almost 40% of the land area in the town. Both the industrial and commercial sectors have also grown at a significant rate since the 1970s with industrial growth surpassing commercial development. It is estimated that there remains 1,700± acres of developable land in Tewksbury. Commercial, retail and "big box" establishments have become a popular development trend along the Route 38 corridor; sprawling in a northerly and southerly direction from the Town Center.

Trull Brook and Shawsheen River have been identified as scenic resource areas. Trull Brook offers spectacular views of the natural landscape because of its steep elevation and, therefore, should be priority areas for protection. The Shawsheen River has been identified as a scenic resource even though it is a small water body that meanders its way through Tewksbury. Furthermore, the low-lying areas of the Shawsheen watershed have been identified as scenic resources, due to that they offer picturesque views. Map 5 on the following page depicts the Town's scenic resources and unique landscape features.

Town of Tewksbury

2009 Open Space and Recreation Plan Update

Map 5: Scenic Resources & Unique Landscape Features



Legend

- Town Boundary
- Scenic Resources & Landscape Features
- Feature
- Ames Hill
- Catamount Road
- Ropers Greenhouses
- Historic Features
- Cyrus Battles House
- Tewksbury State Hospital
- Major Roads
- Great Ponds (Long & Round)
- Rail Lines
- State Hospital Lands
- Agricultural Lands (Article 97)
- Livingston Park
- Town Center District

Scale: 0 0.1 0.2 0.4 0.8 miles



This map was prepared by the Town of Tewksbury, Massachusetts. The accuracy of the information shown on this map is not to be used for regulatory interpretation or boundary determination.

Approved by: **Headline**
 Date: 05/05/2009
 User: J. M. O'Connell
 Project: 07-082
 MAP05.DWG

C. Water Resources

Surface Water

The Town of Tewksbury's surface water resources are a very intricate and complex component of town's landscape. Open water, wetlands and streams constitute about 22.5% of the town's total area and have played a major role in the town's development patterns. The Town's water resources are shown on Map 6 on the following page. Tewksbury is geographically situated on the uplands between the Concord and Merrimack Rivers, with tributaries, wetlands and bogs being prevalent throughout the town. The Merrimack and Shawsheen Rivers are vital components of Tewksbury's geography, providing drinking water, wildlife habitat and recreational opportunities. The Environmental Protection Agency classifies the water quality for all three rivers as Category "B" – safe for drinking (after treatment), fishing and swimming.

The main waterway through Tewksbury is the Shawsheen River, a winding stream running from southeast to northeast. The Shawsheen flows through three large floodplain meadows: one south of Route 38 (Main Street), one extending just north of Route 38 to Bridge Street, and one extending from Tananger Road to Route I-93. Between these meadows the river flows in a rather narrow, winding channel. A number of brooks flow into the Shawsheen River: Content Brook, which originates in Billerica; Heath Brook, which originates in the wetlands of south-central Tewksbury; Meadow Brook (called Strong Water Brook after it crosses East Street), which flows from Ames pond; and Marshall Brook which starts in the wetlands below Long Pond, and Darby Brook, which originates at Round Pond. There are other smaller and unnamed tributaries as well. Together, the Shawsheen and its tributaries drain the eastern section of Town.

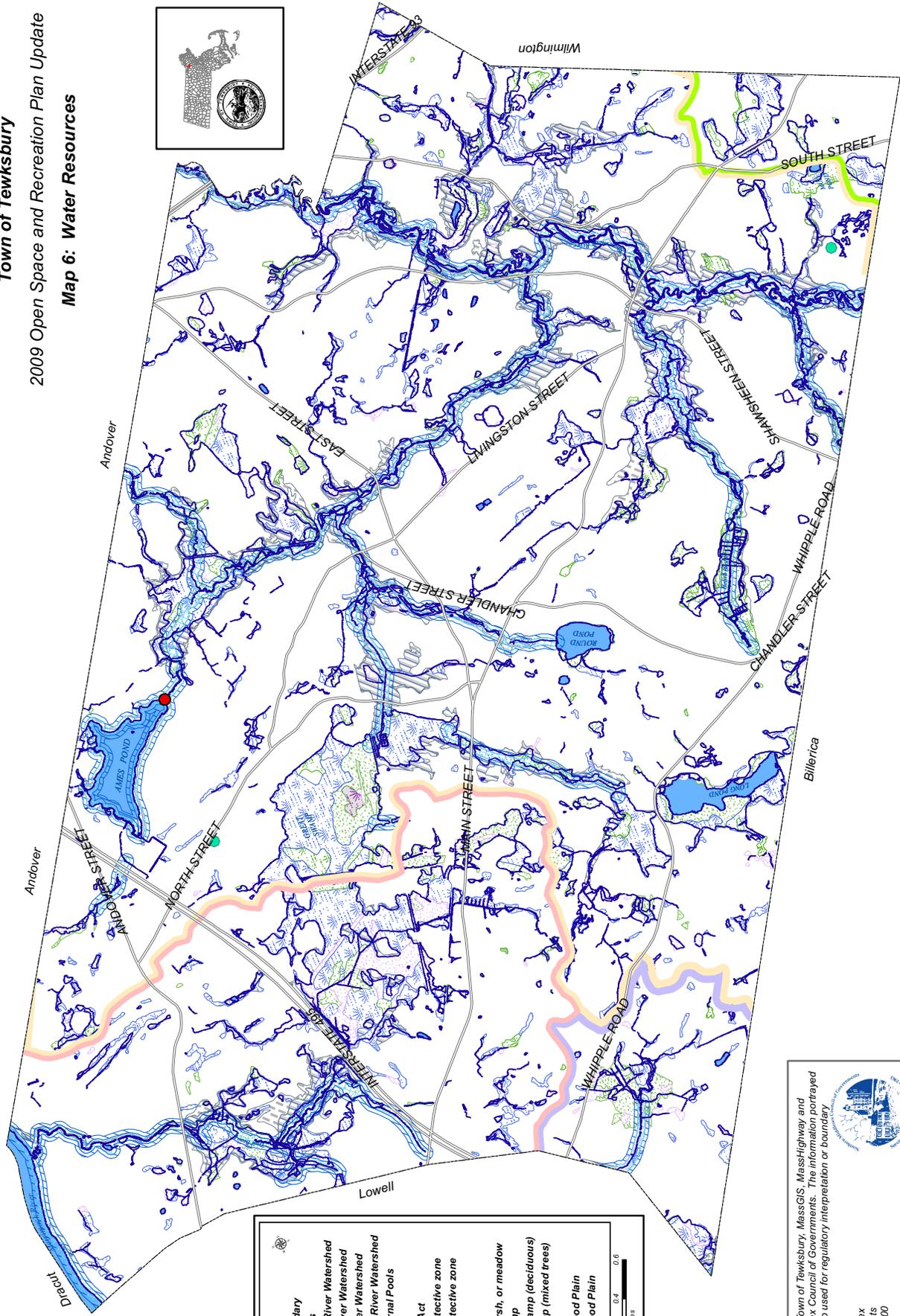
The Merrimack River forms about one mile of Tewksbury's northern border. The westernmost corner of the Town touches the Concord River. Trull Brook flows northward from the Great Swamp into the Merrimack River. Together these waterways drain the western section of Town.

Among the town's unique features is the convergence of three watersheds: Concord (SuAsCo), Merrimack and Shawsheen, and within four watershed basins: Merrimack, Concord (SuAsCo), Shawsheen and Ipswich. There are four major streams in town: Heath Brook, Sutton Brook, and Strongwater Brook (which flow into the Shawsheen River) and Trull Brook (which flows into the Merrimack River). The Shawsheen River watershed is a major importance to the Town, as it occupies a considerable portion of the land area, and is underlain by a large aquifer, which serves as the major source of groundwater for Town wells. The Wetlands Protection Act and Tewksbury's Wetland Protection Bylaw should be strictly adhered to in order to fully protect the aquifer recharge areas.

Town of Tewksbury

2009 Open Space and Recreation Plan Update

Map 6: Water Resources



Legend

- Town Boundary
- Major Roads
- Merrimack River Watershed
- Concord River Watershed
- Ipswich River Watershed
- Shawshen River Watershed
- Certified Vernal Pools
- Dams
- River Protection Act
- 100 foot protective zone
- 200 foot protective zone
- Water Resources
- Open water
- Shallow marsh, or meadow
- Shrub swamp
- Wooded swamp (deciduous)
- Wood swamp (mixed trees)
- Bog
- 100 Year Flood Plain
- 500 Year Flood Plain

0 0.1 0.2 0.4 0.6 Miles

Data provided by the Town of Tewksbury, MassGIS, MassHighway and The Northern Middlesex Council of Governments. The information portrayed on this map is not to be used for regulatory interpretation or boundary determination.

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There are four ponds in Tewksbury. Two (2) of these ponds, Long Pond and Round Pond, are classified as Great Ponds (natural ponds covering 10 acres or more). Both ponds are publicly owned, although Round Pond has no public access and Long Pond has limited access. Ames Pond is the largest pond and is comprised of 81 acres. It is contained by an old but recently rebuilt dam. There is also a seasonal “pond” called Mud Pond.

Tewksbury contains approximately 730 acres of rivers, streams and open waters. The Town’s surface water resources can potentially be used for swimming, fishing, boating, bird watching, nature study, and plant and wildlife conservation. Most of surface water in Tewksbury drains into the Shawsheen River, while about one-fifth of the town drains northwesterly toward the Merrimack River. The town’s southwest corner drains to the Concord River, and a small portion of the South Tewksbury, bounded roughly by South Street and Salem Road, drains to tributaries of the Ipswich River in neighboring Wilmington.

Wetlands

Wetlands cover approximately 20 percent of the land area in Tewksbury. The town’s largest contiguous wetland system, the Great Swamp, comprises the large undeveloped area between North Street, Main Street and I-495. The most common wetland system in Tewksbury is the *deciduous wooded swamp*, which comprises approximately 1,589 acres of land, and includes such species as red maple, ash-leaved maple, cottonwood, American elm, spice bush and skunk cabbage. Deep marsh and swamp wetland systems are riparian areas found along the Shawsheen River and Strong Water Brook, especially in the area east of the Shawsheen River and north of Mud Pond.

The wetland vegetation predominantly found in Tewksbury’s wooded swamps and shrub swamps include the following: red and silver maple, white oak, pin oak, American elm, white pine, hemlock, cherry, and highbush blueberry. There are also shallow fresh water marsh areas where cattails, reeds, and purple loosestrife are found. The fresh water meadows along the Shawsheen River include reeds, woodgrass, reed canary grass, wild millet, spike rush, and sedge. Pond edges provide habitat to submergent plants such as pondweeds, fanwort, bladderwort, and waterweed, and surface plants such as water lily, duckweed, smartweed, and liverwort.

In the past, wetlands were mistakenly regarded as "wastelands" of mud and mosquitoes or simply as obstacles to economic development. However, scientific studies have shown that wetlands protect our health, safety, and property, as well as provide habitat for a wide variety of wildlife.

Wetlands provide many essential ecological functions including:

- serving as natural drainage ways and minimizing flood damage;
- recharging groundwater;
- serving as siltation basins and purifying the air and water of pollutants;

- providing essential wildlife habitat and functioning as a natural open space network;
- wetlands provide important habitat for many different species including rare and endangered species; and
- providing health and safety benefits; wetlands offer natural beauty and recreational opportunities.

The Wetlands Protection Act (Massachusetts General Laws Chapter 131, § 40) is a state law that prohibits the removal, dredging, filling, or altering of wetlands without a permit. Tewksbury adopted a local Wetlands Bylaw several years ago to enhance M.G.L. c.131, § 40, the Massachusetts Wetland Protection Act. The local bylaw is administered by the Conservation Commission. Additionally, under Section 401 of the federal Clean Water Act, any discharge of dredged or fill material into waters or wetlands requires a state Water Quality Certification. MassDEP must certify that projects requiring federal permits do not violate the state's water quality standards, which include protection for wetlands.

Aquifers

In addition to surface water resources, there are volumes of water underground which saturate and flow slowly through soil and porous rock. These underground water areas are called aquifers. They are found in highly permeable sand and gravel deposits in Tewksbury, contain very large volumes of groundwater, and provide a major portion of the Town's water supply.

There are four major aquifers in Tewksbury. The largest aquifer runs under much of the eastern half of the town and includes the Shawsheen River and its major tributaries. The next largest aquifer is found in the southwest part of town and is part of the Concord River watershed. The third borders the Merrimack River in the northwest corner of town. The smallest comprises a part of the Great Swamp in central Tewksbury.

The land areas over and near groundwater are called aquifer recharge areas, since rainwater seeps through the soil in these places and replenishes, or "recharges," the groundwater supply. It is important to protect recharge areas from being inappropriately developed, in order to avoid groundwater contamination and to insure enough rainwater penetrates the ground, thereby keeping the water level from dropping.

Flood Hazard Area

The drainage areas and tributaries of the Merrimack, Shawsheen and Concord Rivers have historically been subject to significant flooding. Typically the worst flooding occurs in spring, as a result of snow and ice melt, and in the late summer as a result of storm events. Additionally, flooding occurs within the floodplain district, particularly during a 100-year storm event. There are four major streams in Town: Heath Brook, Sutton Brook, Strongwater Brook and Trull Brook. All of these waterways are prone to flooding, blocking many roadways in town. Both the Shawsheen River and Strongwater Brook have a significant floodplain.

The Town of Tewksbury has in place regulations to protect floodplains from excessive new development. Prior to these regulations, many structures were constructed in the floodplain and water resource areas. The Shawsheen River Watershed throughout the Town has become a major flooding concern. Development patterns within the watershed, in some instances, have altered the natural drainage pattern. Also, sedimentation has washed into these areas and resulted in elevating the Shawsheen River and its tributaries.

Tewksbury's Wetland Protection Bylaw prohibits structures within the floodplain district and requires buffer strips to protect resource areas from encroaching development. Special Permits are required from the Zoning Board of Appeals, in order to build within the floodplain district. Approval and abutter notification is required for public utilities (easements and roadways) within the floodplain boundaries. In order to provide for health and safety of landowners, and qualify residents for National Flood Insurance, this Bylaw restricts residential and commercial use in the floodplain. Flood-prone areas are well suited for recreation sites, plant and wildlife conservation areas, and stormwater storage areas.

The two highest recorded floods on the Merrimack River were in March 1936 and in September 1938. Since these major storm events, measures have been enacted and flood control dams have been installed on upstream tributaries to the Merrimack. During a 100-year storm event, water floods between 85 and 90 feet of land to either side of the Shawsheen River's normal banks. In October of 1996, the Shawsheen River severely flooded portions of Tewksbury and virtually isolated residential properties located off South Street. The 100-year storm event flood elevation was exceeded during the October 1996 flood.

The boundaries of the Flood Plain Districts, including all special flood hazard areas are defined and depicted in the Tewksbury Flood Insurance Rate Map (FIRM) issued by the Federal Emergency Management Agency (FEMA), dated July 2, 1981. The Floodplain District is established as an overlay district to all other districts. All development in the district, including structural and non-structural activities, whether permitted by right or special permit must be in compliance with Chap. 131, § 40 of the M.G.L. Tewksbury has received disaster relief funds from FEMA for several flood events over the past ten years. There are repetitive flood loss structures located along the Shawsheen River in the Town of Tewksbury. Repetitive flood losses due to localized flooding have also occurred in the Devonshire Road area. As of June 30, 2005, the National Flood Insurance Program had paid out \$96,598 for six repetitive flood loss properties.¹

¹ Pre-Disaster Mitigation Plan for the Northern Middlesex Region, Northern Middlesex Council of Governments, July 2006.

D. Vegetation

Tewksbury harbors over 200 species of plants, which provide a rich natural landscape for the Town’s residents and enhance the scenic beauty and visual appeal of the landscape. These species occupy habitat such as the land around the ponds, the Shawsheen River corridor, land along small brooks, the forests, the wetlands, and the fields and field edges along agricultural land.

Vegetation makes a valuable contribution to the quality of life in other ways as well. Plants build new soil, and reduce soil erosion, run off, and sedimentation in brooks and rivers. It modifies the temperature and humidity, filters light, and absorbs sound. Vegetation provides ease for the eyes, a windbreak, and areas that provide leisure and relaxation.

Within Tewksbury, the Natural Heritage and Endangered Species Program Inventory lists the following (Table 16) plant species as threatened, endangered, or of special concern. Many listed species are difficult to detect even when they are present. Natural Heritage does not have the resources to be able to conduct systematic species surveys in each town on a regular basis. Therefore, the fact that the ‘Most Recent Observation’ recorded for a species may be several years old, should not be interpreted as meaning that the species no longer occurs in a town. However, Natural Heritage regards records older than twenty-five (25) years as historic. The major causes of species rarity are destruction or development of habitat.

Table 16: Plant Species Considered Threatened, Endangered, or of Special Concern

Taxonomic Group	Scientific Name	Common Name	MESA Status	Most Recent Observation
Vascular Plant	<i>Scheuchzeria palustris</i>	Pod-grass	Endangered	1853
Vascular Plant	<i>Potamogeton confervoides</i>	Algae-like Pondweed	Threatened	Historic
Vascular Plant	<i>Panicum philadelphicum</i>	Philadelphia Panic-grass	Special Concern	1990
Vascular Plant	<i>Carex oligosperma</i>	Few-fruited Sedge	Endangered	1911
Vascular Plant	<i>Utricularia resupinata</i>	Resupinate Bladderwort	Threatened	1900
Vascular Plant	<i>Liatrix scariosa</i> var. <i>novaeangliae</i>	New England Blazing Star	Special Concern	1899

Source: Natural Heritage and Endangered Species Program
http://www.mass.gov/dfwele/dfw/nhesp/species_info/town_lists/town_t.htm#tewksbury

The vegetation in Tewksbury is typical of eastern Massachusetts. The plants occur in three major community types: open fields and field edges, several kinds of wetlands, and hardwood, or mixed hardwood/softwood forests. This diversity of communities provides

good habitat for wildlife. All of these areas can be managed for wildlife, for aquifer recharge, and as passive recreation areas. Significant natural areas among these can be identified for protection by the Town.

The open fields are mostly active or abandoned agricultural land, and include cropland, pasture, orchards, nurseries, and vegetable gardens, which contain the cultivated and weed species associated with these uses. Field edges provide important wildlife habitat, and eventually revert to forest if undeveloped.

Wetlands cover approximately 20 percent of the land area in Tewksbury. The wetland vegetation is predominantly the woods and shrubs found in wooded swamps and shrub swamps, such as red and silver maple, white oak, pin oak, American elm, white pine, hemlock, cherry, and highbush blueberry. There are also shallow fresh water marsh areas where cattails, reeds, and purple loosestrife (invasive species) are found. The fresh water meadows along the Shawsheen River and in open areas may include reeds, woodgrass, reed canary grass, wild millet, spike rush, and sedge. Pond edges provide habitat to submergent plants such as pondweeds, fanwort, bladderwort, and waterweed, and surface plants such as water lily, duckweed, smartweed, and liverwort.

Forests cover about half of Tewksbury, containing a mix of hardwoods and softwoods. The softwood species are primarily white pine and hemlock. Hardwood species include oak, beech, maple, elm, birch, aspen, and hickory. Understory species include cherry, honey locust, and sumac, among others. In the early 1970s, Tewksbury had 1.47 acres of forest per person. Today, forests constitute less than .15 acres per capita. Forest areas are important in that they protect large tracts of second growth vegetation. Unlike several Commonwealth communities, Tewksbury currently does not have any town or state forests.

In addition to these habitats, Tewksbury has a variety of introduced species planted by its residents. Invasive species are frequently ornamental and non-native, i.e., they have been introduced to an area. Since invasive species have no natural predators in an area where they are introduced, they can invade, degrade or destroy the habitat of local species. Yard plantings and vegetable gardens are common in Tewksbury. Residents should educate themselves prior to planting any vegetation, in order to prevent the spread of invasive species.

Shade Trees

Tewksbury's Forestry Division does not currently have a shade tree by-law. The Tree Warden inspects the Town's street trees and park trees every year for decay, damage, disease or dead trees, and is also responsible for controlling noxious or invasive vegetation. Records of the tree's location, condition, and any preventive action taken, including removal, are documented. Healthy trees are not removed unless they are an obstruction to public safety. The Tree Warden works with tree companies and employs proper arboricultural practices to ensure proper line trimming along utility lines and roadways.

The Forestry Division abandoned the use of herbicides in the late 1980's. Due to the elimination of this service and the reduction in staffing, currently the control of roadside brush and the pruning of low limbs and/or poorly structured limbs overhanging the right-of-way have been curtailed to a level that staff can perform. The Tree Warden assists the Planning Board and provides recommendations on projects and landscaping plans, to ensure proper tree planting in new subdivisions and developments.

E. Fisheries and Wildlife

The various kinds of wildlife found in Tewksbury add beauty, character, pleasant sights and sounds, and recreational opportunities enjoyable by all of the Town's residents. Well over 100 species of animals can be found here. Including both known and likely species, (Table 17) there are over sixty breeding bird species, over twenty fish species, more than twenty mammalian species, more than thirty reptile and amphibian species, and an uncounted number of invertebrate species (of which a list is not readily available). Sources for wildlife information included the Massachusetts Division of Fisheries and Wildlife and the Massachusetts Audubon Society.

Some of the animals are found commonly throughout much of the Town, but others are rare and occur only in a few special habitats. To survive, all wildlife species require food, water, and shelter. The three large ponds, extensive wetlands, the Shawsheen River and its tributaries, and the forests and field edges provide diverse habitat for wildlife.

A number of long time residents who participated in the open space planning process have remarked on the decline in numbers and extent of wildlife in the Town which were abundant not too long ago. Enhancing the diversity of Tewksbury's natural plant and animal habitats, instead of allowing them to decline, requires identifying the most significant remaining natural areas in town and protecting them. The beaver is one species found in Tewksbury that has a major impact on the natural built environment, causing flooding problems to open resource areas and adjacent property owners. Beavers are simply an inconvenience to landowners; however, tolerance is the easiest solution. The Seven-Year Action Plan in Section 9 provides specific actions aimed at controlling the beaver problem.

Since wildlife thrive in large, interconnected natural areas, open space linkages connecting the natural areas would benefit locally occurring wildlife that would utilize such corridors for migration and feeding territory. Wildlife habitat protection is very compatible with the maintenance of the Town's scenic character, passive recreation opportunities, flood protection, and protection of aquifer recharge areas, which feed the water supply wells.

Table 17: Animal Species

Mammalian Species

Beaver	Muskrat	Fisher
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Table 17 (Cont'd): Animal Species

Otter	Mink	Shrew
Vole	Deermouse	Skunk
Raccoon	Squirrel	Rabbit
Chipmunk	Deer	Fox
Mole	Woodchuck	Weasel
Field mouse	Rat	Domestic: Cat/Dog
Coyote		

Bird Species

Mallard duck	Rough-winged swallow	Warbling vireo
Yellow warbler	Black-capped chickadee	Killdeer
American goldfinch	Tufted titmouse	Scarlet tanager
Black duck	Red-breasted nuthatch	Cardinal
Common yellowthroat	White-breasted nuthatch	Starling
Chipping sparrow	Mocking bird	Blue jay
House sparrow	Grey catbird	Northern oriole
Field sparrow	American robin	Common grackle
Ring-necked pheasant	Great crested flycatcher	Indigo bunting
Bobolink	Redwinged blackbird	Rufous-sided towhee
Song sparrow	American bittern	Swamp sparrow
Brown-headed cowbird	Wood duck	Canadian goose
Eastern meadowlark	Broad-winged hawk	American kestrel
Rock dove	American woodcock	House wren
Mourning dove	Belted kingfisher	Brown thrasher
Chimney swift	Hairy woodpecker	Tree swallow
Common flicker	Barn swallow	Barn swallow
Downy woodpecker	Eastern phoebe	Red-tailed hawk
Eastern kingbird	Common crow	Wild turkeys
White swan	Blue Heron	

Fish Species

American eel	Brook trout	Common carp
Chain pickerel	Goldfish	Common shiner
Golden shiner	Yellow perch	Creek chubsucker
Fallfish	White sucker	White perch
Yellow bullhead	Brown bullhead	Bluegill
Redbreast sunfish	Pumpkinseed	Tesselated darter
Largemouth bass	Black crappie	Redfin pickerel

Amphibian Species

Marbled salamander	Wood frog	Fowler's toad
Spotted salamander	Green frog	Northern spring peeper
Northern dusky salamander	Bullfrog	Red-spotted newt
Red-backed salamander	Grey tree frog	Four-toed salamander
Northern two-lined salamander	Northern leopard frog	

Table 17 (Cont'd): Animal Species

Pickereel frog	Eastern American toad	
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Reptile Species

Snapping turtle	Northern brown snake	Northern black racer
Stinkpot	Northern red-bellied snake	Eastern smooth green snake
Spotted turtle	Eastern garter snake	Eastern milk snake
Eastern box turtle	Eastern ribbon snake	Northern ringneck snake
Painted turtle	Eastern Hognose snake	Northern water snake

Species listed below were identified in the Tewksbury Master Plan as species that were either listed as threatened, endangered, or of special concern, however the Natural Heritage and Endangered Species Program Inventory did not list these species as native to Tewksbury. These species were once common in Tewksbury and have not been sighted in many years. For the most updated list, see Table 18 on the following page.

Wildlife Corridors

Although open space is increasingly fragmented by development in parts of Tewksbury, wetlands, rivers and streams provide important habitat corridors. In addition to these habitat corridors, abandoned railroads and utility line corridors provide continuous access and encourage wildlife habitats. Rural lands and connected woodlands in central Tewksbury near the State Hospital provide suitable land for wildlife activity.

Tewksbury has the potential to create significant wildlife corridors and linkages by interconnecting the fragmented green spaces throughout town as future opportunities arise. Town officials should continue working with the Bay Circuit Alliance and appropriate federal and state agencies to develop a green belt plan for the Town, which would link open space in Tewksbury with that of surrounding Towns in the region. Implementation of the proposed trail network throughout the town will require property acquisitions or easements.

Table 18: Species that Once Occurred in Tewksbury and Have Not Been Sighted in Many Years

Eastern Box Turtle	Green Heron	Eastern Wood Peewee
Spotted Turtle	Cedar waxwing	Ruffed Grouse
Marbled Salamander	Red-tailed Hawk	Screech Owl
Four-toed Sloth	Purple Finch	

Rare, Threatened and Endangered Species

Within Tewksbury, the Natural Heritage and Endangered Species Program Inventory lists the following (Table 19) species as threatened, endangered, or of special concern. Many listed species are difficult to detect even when they are present. Natural Heritage does not have the resources to be able to conduct systematic species surveys in each town on a regular basis. Therefore, the fact that the ‘Most Recent Observation’ recorded for a

species may be several years old and should not be interpreted as meaning that the species no longer occurs in a town. However, Natural Heritage regards records older than twenty-five (25) years as historic. The major cause of their rarity is habitat destruction resulting from residential, commercial and industrial development; collection by individuals for pets; disturbance by ATVs; and mowing of fields.

Table 19: Animal Species Considered Threatened, Endangered of Special Concern in Tewksbury

Taxonomic Group	Scientific Name	Common Name	MESA Status	Most Recent Observation
Amphibian	Ambystoma laterale	Blue-spotted Salamander	Special Concern	2005
Reptile	Glyptemys insculpta	Wood Turtle	Special Concern	1992
Reptile	Emydoidea blandingii	Blanding's Turtle	Threatened	1993
Bird	Cistothorus platenis	Sedge Wren	Endangered	1978
Fish	Notropis bifrenatus	Bridle Shiner	Special Concern	1962
Mussel	Alasmidonta undulata	Triangle Floater	Special Concern	2003
Butterfly/Moth	Callophrys irus	Frosted Elfin	Special Concern	1986
Butterfly/Moth	Apodrepanulatrix liberaria	NJ Tea Inchworm	Endangered	2004

Source: *Natural Heritage and Endangered Species Program*

http://www.mass.gov/dfwele/dfw/nhesp/species_info/town_lists/town_t.htm#tewksbury

F. Scenic Resources and Unique Environments

Scenic Landscapes

Among the most under used and under protected places in the Town of Tewksbury is the Shawsheen River. This river has been identified as a scenic resource even though it is a small water body that meanders its way through Tewksbury. The low-lying areas of the Shawsheen watershed offer picturesque views. There are numerous low-lying areas of the Shawsheen River watershed that offer scenery available nowhere else in Town. The landscape overlooking the Shawsheen River provides important recreational and preservation opportunities. The riverbanks of the Shawsheen, however, have been repeatedly built upon. The Merrimack and Concord River are also important natural features to the Town that should be protected.

Ames Hill was identified as a scenic resource in the previous Open Space and Recreation Plan, due to its spectacular views of the Boston Skyline. However, this area has been impacted by residential development over the past several years. Trull Brook has also been identified as a scenic resource, and offers spectacular views of the Merrimack River and golf course because of its steep elevation. Therefore, this resource should be a priority area for protection.

The Visioning Sessions conducted over the past several months support the information contained in the town's 2003 Master Plan. Several important scenic resources include the Krochmal Farm on South Street, East Street, the Livingston Street Recreation Area, public art like Mico Kaufman's sculptures, the State Hospital Land, the rivers and ponds, the Great Swamp, the three golf courses, and Trull Brook.

Major Characteristics or Unusual Geologic Features

Tewksbury topography is characterized by slightly rolling lowland terrain, with elevations varying from 85 feet to 200 feet above sea level. The northwestern section of town consists of rolling hills, and the southeastern section is fairly level. The one major exception is Ames Hill in the northern corner, whose summit, at 363 feet above sea level is the highest point in the Shawsheen River watershed. Trull Brook also provides scenic views of the natural landscape because of its steep elevation, and should be a priority area for protection. In addition, there are significant areas of low-lying marshland throughout the Town, the largest of which is The Great Swamp near the Town Center.

Cultural and Historic Areas

Some of Tewksbury's most unique cultural and historic areas exist as a result of the Town's rural history. Cultural and historic resources are very important to a town's sense of place, and Tewksbury has approximately two dozen potentially significant sites, according to the Massachusetts Historical Commission. The roots of Tewksbury can be credited to the Wamesit tribe who lived in the Shawsheen River Valley hundreds of years ago and the European settlers who arrived in the River Valley in the early 18th century. There are nearly fifty historic buildings and landmarks that were identified in the Town's Master Plan. Section 3 includes a complete listing of these properties. The Tewksbury State Hospital (circa 1854) and the Cyrus Battles House are listed on the State Register of Historic Places. The State Hospital and surrounding buildings are also listed on the National Register of Historic Places.

Areas of Critical Environmental Concern

Tewksbury does not currently have any areas listed as Areas of Critical Environmental Concern (ACEC) by the ACEC Program. An ACEC designation recognizes the critical environmental importance of areas with significant natural resource systems. The designation notifies regulatory agencies and the public that most development activities under state jurisdiction within ACEC's must meet high environmental quality standards. Along with habitat value, recreation, scenic, historic and archaeological qualities of an area are assessed in the designation process.

G. Environmental Challenges

Hazardous Waste and Brownfield Sites

The Sutton Brook Disposal Area, which is roughly synonymous with the Rocco's landfill, is located off South Street in the eastern portion of Town. Rocco's landfill is the only Superfund site listed on the Environmental Protection Agency's (EPA) National Priorities List in Tewksbury. Rocco's landfill, also known as the former Town Dump, is located on approximately 50 acres which includes several different tax parcels. A small portion of the site extends into the adjacent Town of Wilmington, Massachusetts. Within a four mile radius of the site, there are 23 drinking water wells that serve four neighboring communities. Approximately 300 yards south of the landfill is an unnamed pond, used seasonally for ice-skating.

The site is comprised of three (3) source areas:

1. A 50-acre landfill;
2. An area of buried drums; and
3. Contaminated soils associated with the drum disposal area.

The Town of Tewksbury, Massachusetts Department of Environmental Protection and the EPA has been actively involved in monitoring the site. Investigations of the site have revealed the presence of volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), pesticides, polychlorinated biphenyls (PCBs), and inorganic elements in on-site and off-site groundwater, surface water, sediment, soil, and VOCs and SVOCs in air samples.

During the investigation of Rocco's landfill, additional drum burial areas and suspected disposal areas were identified. This area, known as the Wilmington Disposal Area located at 1079 South Street, is comprised of 117 acres of land, and also extends into the Town of Wilmington. The EPA listed this as a Superfund Short Term Cleanup (Removal) project and work was completed on July 24, 2001. The site consisted of over two hundred drums that were buried in the ground, with a majority of them in various stages of decomposition. High levels of volatile and semi-volatile organics and heavy metals were identified from one of the test pits. Portions of this property are used for a piggery, horse stables, and greenhouses. Motorcyclists, hunters and mountain bikers are also frequent users of this property.

There are three additional federal Superfund sites in Tewksbury that are not on the National Priorities List: Commonwealth Chemical Company (400 Main Street), Tewksbury State Hospital (365 East Street), and Tewksbury Auto Parts (860 East Street).

In addition to the Superfund sites, the DEP lists 149 sites in the town that have had reportable releases. Additional information regarding these locations can be found in Table 20 below. (See Appendix F for a glossary, definitions and further explanation of the table.)

**Table 20: Reportable Hazardous Material Releases
(As of 5/21/08)**

RTN	City/Town	Release Address	Site Name/ Location Aid	Reporting Category	Notification Date	Compliance Status	Date	Phase	RAO Phase	Chemical Type
3-0026412	TEWKSBURY	1082 AND 1120 EAST ST	CONNOR CONSTRUCTION COMPANY (FORMER)	120 DY	12/13/2006	RAO	12/13/2006	PHASE III	B1	Hazardous Material
3-0003181	TEWKSBURY	940 ANDOVER ST	MOBIL SERVICE STATION 01-PRJ	NONE	7/15/1990	RAO	6/28/2004	PHASE V	C1	Oil
3-0023786	TEWKSBURY	940 ANDOVER ST	MOBIL SERVICE STATION 01-PRJ 13025	120 DY	4/21/2004	RTN CLOSED	6/28/2004			Hazardous Material
3-0018251	TEWKSBURY	1920 ANDOVER ST	NO LOCATION AID	72 HR	5/3/1999	RAO	5/8/2000		A2	Oil
3-0025154	TEWKSBURY	50 APPLE HILL DR	RAYTHEON BLDG 300	TWO HR	8/24/2005	RAO	10/24/2005		A2	Oil
3-0019529	TEWKSBURY	5 CATAMOUNT RD	NO LOCATION AID	TWO HR	5/9/2000	RAO	7/17/2000		A2	Oil
3-0025312	TEWKSBURY	1106 CHANDLER ST	RESIDENCE	72 HR	10/13/2005	RAO	1/9/2006		A2	Oil
3-0025008	TEWKSBURY	243 CHAPMAN RD	KRUEGER RESIDENCE	TWO HR	7/5/2005	RAO	6/30/2006		A2	Oil
3-0025670	TEWKSBURY	243 CHAPMAN RD	KRUEGER RESIDENCE	TWO HR	2/17/2006	RAO	6/30/2006			Oil
3-0003852	TEWKSBURY	67 CLARK RD	AT&T	NONE	1/15/1992	RAO	8/6/1997		A3	Oil
3-0001162	TEWKSBURY	450 CLARK RD	LOWELL REGNL TRANSIT AUTHORITY	NONE	1/15/1990	TIER 2	8/9/1996	PHASE IV		
3-0017948	TEWKSBURY	COURT ST	TAX MAP 48 LOT 79	120 DY	2/5/1999	RAO	6/3/1999		A2	Hazardous Material
3-0010834	TEWKSBURY	22 DIRLAM CIR	NO LOCATION AID	120 DY	4/12/1994	RAO	8/12/1994			Oil
3-0012649	TEWKSBURY	DOCK ST	SUBSTATION	TWO HR	6/30/1995	RAO	8/28/1995		A2	Oil
3-0015355	TEWKSBURY	DOCK ST	SUBSTATION	120 DY	7/24/1997	RAO	12/16/1998	PHASE II	A2	Oil
3-0015957	TEWKSBURY	DOCK ST	MASS ELECTRIC SUBSTATION	TWO HR	1/29/1998	RAO	12/16/1998	PHASE II		Oil
3-0024748	TEWKSBURY	DOCK ST	MASS ELEC. SATELLITE OFFICE	72 HR	4/5/2005	RAO	12/19/2005		A2	Oil
3-0014152	TEWKSBURY	EAST ST	BEHIND TEWKSBURY CEMETERY	120 DY	8/13/1996	TIER 2	8/28/2000	PHASE II		Hazardous Material
3-0021577	TEWKSBURY	EAST ST	NO LOCATION AID	120 DY	1/23/2002	TIER 2	1/29/2003	PHASE III		Hazardous Material
3-0003682	TEWKSBURY	30 EAST ST	TEWKSBURY STATE HOSP POWER PLN	NONE	1/3/1990	RAO	7/8/2002	PHASE III	A3	
3-0019799	TEWKSBURY	365 EAST ST	TEWKSBURY HOSPITAL GARAGE	120 DY	8/1/2000	RAO	7/1/2002	PHASE II	B1	Oil and Hazardous Material
3-0019800	TEWKSBURY	365 EAST ST	TEWKSBURY HOSPITAL FARMHOUSE	120 DY	8/1/2000	RAO	6/30/2003	PHASE III	B1	Hazardous Material
3-0019889	TEWKSBURY	365 EAST ST	ASH PILE EOE 661	120 DY	8/28/2000	RAO	8/29/2001		A2	Hazardous Material
3-0019890	TEWKSBURY	365 EAST ST	BUILDING RUBBLE AREA EOE 662	120 DY	8/28/2000	RAO	9/10/2004		B1	Hazardous Material
3-0020062	TEWKSBURY	365 EAST ST	TEWKSBURY STATE HOSPITAL	TWO HR	10/26/2000	RAO	11/1/2001		A1	Oil
3-0020216	TEWKSBURY	365 EAST ST	TEWKSBURY STATE HOSPITAL	72 HR	12/12/2000	TIER 1C	12/20/2001	PHASE IV		Hazardous Material
3-0022075	TEWKSBURY	365 EAST ST	TEWKSBURY HOSPITAL	120 DY	8/28/2002	RAO	9/17/2007		B1	Oil and Hazardous Material
3-0022724	TEWKSBURY	365 EAST ST	NO LOCATION AID	72 HR	3/28/2003	RAO	10/18/2007		A2	Oil
3-0001865	TEWKSBURY	860 EAST ST	TEWKSBURY AUTO PARTS	NONE	1/15/1989	TIER 1B	8/24/1999	PHASE IV		
3-0011207	TEWKSBURY	860 EAST ST	NO LOCATION AID	TWO HR	6/27/1994	RTN CLOSED	6/12/1995			Oil
3-0011414	TEWKSBURY	860 EAST ST	NO LOCATION AID	TWO HR	8/3/1994	RTN CLOSED	6/12/1995			Oil
3-0017072	TEWKSBURY	860 EAST ST	NO LOCATION AID	72 HR	7/22/1998	RTN CLOSED	2/25/1999			
3-0017379	TEWKSBURY	860 EAST ST	NO LOCATION AID	120 DY	10/1/1998	RTN CLOSED	2/25/1999			Hazardous Material
3-0017738	TEWKSBURY	875 EAST ST	DEMOULAS MARKET BASKET	72 HR	12/15/1998	RAO	5/21/1999		A2	Oil
3-0018861	TEWKSBURY	875 EAST ST	NO LOCATION AID	TWO HR	10/19/1999	RAO	12/2/1999		A1	Hazardous Material
3-0018204	TEWKSBURY	939 EAST ST	NO LOCATION AID	120 DY	4/16/1999	RAO	6/25/1999	PHASE II	B1	Oil
3-0022965	TEWKSBURY	939 EAST ST	NO LOCATION AID	TWO HR	6/26/2003	RAO	8/28/2003		A1	Oil
3-0026451	TEWKSBURY	1059 EAST ST	NO LOCATION AID	TWO HR	12/7/2006	RAO	2/12/2007		A1	Oil
3-0000809	TEWKSBURY	1130 EAST ST	TECFAB INC FMR	NONE	10/15/1988	RAO	11/10/2006	PHASE II	B1	
3-0015747	TEWKSBURY	10 ERLIN TER	NURSING HOME	TWO HR	11/24/1997	RAO	3/31/1998		A3	Oil
3-0024026	TEWKSBURY	38 FLORENCE AVE	RESIDENCE	TWO HR	7/7/2004	RAO	7/13/2007	PHASE II	A2	Oil
3-0025843	TEWKSBURY	38 FLORENCE AVE	NO LOCATION AID	120 DY	4/21/2006	RAO	2/27/2007		A2	Oil
3-0022146	TEWKSBURY	1 HIGHWOOD DR	NO LOCATION AID	TWO HR	9/26/2002	RAO	11/26/2002		A1	

Table 20 (Cont'd): Reportable Hazardous Material Releases

3-0025458	TEWKSBURY	61 IDLE WILD RD	NO LOCATION AID	TWO HR	12/2/2005	TIER1D	12/11/2006			Oil
3-0013062	TEWKSBURY	8 KENNEDY RD	NO LOCATION AID	TWO HR	10/20/1995	RAO	2/24/1999	PHASE III	A2	Oil
3-0027203	TEWKSBURY	50 KENT ST	RESIDENCE	TWO HR	10/22/2007	UNCLASSIFIED	10/22/2007			Oil
3-0024167	TEWKSBURY	9 KNEELAND RD	NO LOCATION AID	72 HR	8/20/2004	RAO	3/4/2005		A2	Oil
3-0000441	TEWKSBURY	LIVINGSTON AND MAPLE STS	PROPERTY	NONE	1/15/1987	DEPNDS	5/23/1996			
3-0001140	TEWKSBURY	LIVINGSTON ST	TEWKSBURY STATE HOSPITAL	NONE	1/15/1987	RAO	10/1/2001	PHASE II	B1	
3-0020058	TEWKSBURY	LIVINGSTON ST	MAIN ST	120 DY	10/19/2000	RAO	7/23/2002		A2	Oil
3-0012895	TEWKSBURY	MAIN ST	CLARK RD	120 DY	9/6/1995	URAM	9/6/1995			Oil
3-0002516	TEWKSBURY	1 MAIN ST	TEXACO SERVICE STATION	NONE	10/1/1993	RAO	12/8/2004	PHASE IV	A2	
3-0013857	TEWKSBURY	1 MAIN ST	AT CLARK RD	120 DY	6/3/1996	RAO	8/19/1996		A2	Oil
3-0023107	TEWKSBURY	1 MAIN ST	RTE 38	72 HR	8/20/2003	RTN CLOSED	10/20/2003			Oil
3-0023424	TEWKSBURY	1 MAIN ST	ROUTE 38	120 DY	12/5/2003	RTN CLOSED	1/21/2004			Oil
3-0000810	TEWKSBURY	2 MAIN ST	AMOCO STATION FMR 642	NONE	10/15/1991	RAO	8/31/2004	PHASE III	A2	Oil
3-0013012	TEWKSBURY	2 MAIN ST	MOBIL STATION	72 HR	10/6/1995	RTN CLOSED	12/6/1995			Oil
3-0011930	TEWKSBURY	33 MAIN ST	HALLISEY CHEVROLET SITE/RTE 38	TWO HR	12/6/1994	RAO	2/6/1995		A2	Oil
3-0014736	TEWKSBURY	95 MAIN ST	ECON LODGE	TWO HR	1/18/1997	RAO	3/24/1997		A1	Oil
3-0022302	TEWKSBURY	333 MAIN ST	NO LOCATION AID	TWO HR	11/13/2002	RAO	1/13/2003		A1	Oil
3-0001717	TEWKSBURY	365 MAIN ST	SHELL SERVICE STATION	NONE	1/15/1987	RAO	9/20/2005		A2	
3-0015740	TEWKSBURY	365 MAIN ST	SHELL	72 HR	11/21/1997	RTN CLOSED	11/16/1998			Oil
3-0018387	TEWKSBURY	365 MAIN ST	NO LOCATION AID	72 HR	6/9/1999	RTN CLOSED	8/9/1999			Hazardous Material
3-0010841	TEWKSBURY	400 MAIN ST	ASHLAND CHEMICAL CO	72 HR	4/13/1994	RAO	7/6/1995		B2	Oil
3-0020338	TEWKSBURY	400 MAIN ST	COLAB RD	TWO HR	1/23/2001	RAO	1/29/2002		A2	Hazardous Material
3-0001716	TEWKSBURY	540 MAIN ST	ASTRO CIRCUITS CORP	NONE	1/15/1987	INVSUB	7/26/2007	PHASE III		
3-0014821	TEWKSBURY	553 MAIN ST	BEHIND PURITY MARKET	120 DY	2/12/1997	RAO	3/17/1997		A2	Oil
3-0018327	TEWKSBURY	553 MAIN ST	TEWKSBURY SQUARE	120 DY	5/12/1999	RAO	6/10/1999		B1	Hazardous Material
3-0025851	TEWKSBURY	553 MAIN ST	@ STRIP MALL	TWO HR	4/30/2006	RAO	6/27/2006		A2	
3-0003930	TEWKSBURY	734 MAIN ST	SOONER LUBE	NONE	2/26/1992	DEPNFA	6/12/1996			Oil
3-0003533	TEWKSBURY	800 MAIN ST	SNACK SHACK	NONE	4/15/1991	DEPNFA	6/12/1996			Oil
3-0001482	TEWKSBURY	869 MAIN ST	GETTY STATION	NONE	10/15/1989	REMOPS	4/29/2004	PHASE V		Oil
3-0019259	TEWKSBURY	885 MAIN ST	REAR OF BUILDING	TWO HR	2/8/2000	RAO	4/4/2000		A2	Oil
3-0023841	TEWKSBURY	1039 MAIN ST	CORNER OF MAIN & PLEASANT STREETS	72 HR	10/20/2004	RTN CLOSED	11/1/2005			Hazardous Material
3-0002797	TEWKSBURY	1040 MAIN ST	MOBIL SERVICE STATION 01 256	NONE	1/10/1990	REMOPS	3/7/2005	PHASE V		Oil
3-0019435	TEWKSBURY	1040 MAIN ST	NO LOCATION AID	TWO HR	4/6/2000	RTN CLOSED	6/5/2000			Oil
3-0020325	TEWKSBURY	1040 MAIN ST	NO LOCATION AID	72 HR	1/18/2001	RTN CLOSED	8/14/2001			Hazardous Material
3-0022053	TEWKSBURY	1040 MAIN ST	MOBIL STATION	72 HR	8/27/2002	RTN CLOSED	8/22/2003			Oil and Hazardous Material
3-0002967	TEWKSBURY	1049 MAIN ST	SUNOCO STATION	NONE	1/15/1990	TIER 1C	11/1/2005	PHASE II		
3-0002104	TEWKSBURY	1192 MAIN ST	PROPERTY	NONE	4/15/1989	RTN CLOSED	6/23/2007			
3-0001240	TEWKSBURY	1220 MAIN ST	SHELL SERVICE STATION	NONE	7/18/1986	REMOPS	8/2/2007	PHASE V		
3-0015278	TEWKSBURY	1220 MAIN ST	SHELL SERVICE STA	72 HR	7/7/1997	RAO	10/29/1997		A1	Oil
3-0015279	TEWKSBURY	1220 MAIN ST	SHELL SERVICE STA/LEE STREET	72 HR	7/7/1997	TIER 1C	2/28/2005			Oil
3-0020187	TEWKSBURY	1220 MAIN ST	NO LOCATION AID	120 DY	12/29/2000	TIER 1C	2/28/2005			Hazardous Material
3-0013607	TEWKSBURY	1258 MAIN ST	A&B AUTOMOTIVE(FMR AMOCO)	TWO HR	3/25/1996	TIER 2	4/2/1997	PHASE IV		Oil and Hazardous Material
3-0018194	TEWKSBURY	1258 MAIN ST	NO LOCATION AID	72 HR	4/13/1999	RTN CLOSED	9/20/2000			Oil
3-0024780	TEWKSBURY	1258 MAIN ST	A & B AUTOMOTIVE	72 HR	4/19/2005	RTN CLOSED	10/24/2005			Oil and Hazardous Material
3-0013840	TEWKSBURY	1777 MAIN ST	HEATHBROOK PLAZA	120 DY	5/31/1996	DPS	6/12/1996			Hazardous Material
3-0003516	TEWKSBURY	1860 MAIN ST	CITGO STATION	NONE	4/15/1991	RTN CLOSED	2/1/2003			Oil
3-0014028	TEWKSBURY	1860 MAIN ST	CITGO STATION	72 HR	7/22/1996	REMOPS	5/24/2004	PHASE V		Oil and Hazardous Material
3-0019603	TEWKSBURY	1860 MAIN ST	NO LOCATION AID	TWO HR	6/7/2000	RAO	3/22/2001		A2	Oil
3-0022039	TEWKSBURY	1860 MAIN ST	RTE 38	72 HR	8/19/2002	TIER 2	1/31/2003			Oil

Table 20 (Cont'd): Reportable Hazardous Material Releases

3-0003201	TEWKSBURY	1975 MAIN ST	TEXACO SERVICE STATION	NONE	7/15/1990	URAM	5/19/1995			Oil
3-0012386	TEWKSBURY	1975 MAIN ST	TEXACO STATION	120 DY	4/13/1995	URAM	5/19/1995			Oil
3-0015774	TEWKSBURY	1975 MAIN ST	NO LOCATION AID	TWO HR	12/1/1997	RAO	1/29/1998		A1	Oil
3-0020968	TEWKSBURY	1975 MAIN ST	NO LOCATION AID	TWO HR	8/6/2001	RAO	10/5/2001		A1	Oil
3-0021608	TEWKSBURY	1975 MAIN ST	NO LOCATION AID	120 DY	3/25/2002	RAO	3/14/2006	PHASE IV	A2	Oil and Hazardous Material
3-0022631	TEWKSBURY	1975 MAIN ST	NO LOCATION AID	TWO HR	2/27/2003	RAO	4/24/2003		A1	Oil
3-0023534	TEWKSBURY	1975 MAIN ST	NO LOCATION AID	120 DY	1/21/2004	RTN CLOSED	12/21/2004			
3-0003187	TEWKSBURY	1992 MAIN ST	MOBIL SERVICE STATION 01 PWB	NONE	5/15/1990	STMRET	10/19/2006	PHASE IV		Oil
3-0025116	TEWKSBURY	1992 MAIN ST	MOBIL STA NO 11715	120 DY	8/9/2005	RTN CLOSED	10/19/2006			Hazardous Material
3-0027494	TEWKSBURY	2235 MAIN ST	SPRING MANUFACTURING CORP	TWO HR	2/6/2008	UNCLASSIFIED	2/6/2008			Oil
3-0012734	TEWKSBURY	MAIN ST AND CLARK RD	NO LOCATION AID	120 DY	7/24/1995	URAM	7/24/1995			Oil
3-0014983	TEWKSBURY	MAIN ST LIVINGSTON ST	TEW MAC AIRPORT	120 DY	4/7/1997	RAO	4/14/1998	PHASE II	A3	Oil
3-0001236	TEWKSBURY	MAIN ST RTE 38	ATAMIAN VOLKSWAGON	NONE	10/15/1988	RAO	2/27/1995		A2	Oil
3-0017986	TEWKSBURY	MAIN ST RTE 38	ROUTE 495 OVERPASS	TWO HR	2/15/1999	RAO	4/16/1999		A1	Oil
3-0000439	TEWKSBURY	400 MAIN ST RTE 38	ASHLAND CHEMICAL GREAT SWAMP	NONE	1/15/1987	RAO	1/31/2005	PHASE II	B1	
3-0025308	TEWKSBURY	1992 MAINS T	MOBIL STATION NO. 11715 (FORMERLY 01-PMB)	120 DY	11/11/2005	RTN CLOSED	10/19/2006			Hazardous Material
3-0023419	TEWKSBURY	276 MARSHALL ST	FMR KIMBALL GREENHOUSES	120 DY	12/5/2003	RAO	12/5/2003		B1	Hazardous Material
3-0001719	TEWKSBURY	349 MARSHALL ST	MARSHALL CO FMR	NONE	1/15/1987	DEPNFA	7/23/1993			
3-0020909	TEWKSBURY	376 MARSHALL ST	NO LOCATION AID	TWO HR	7/16/2001	RAO	7/12/2002		A2	Oil
3-0024334	TEWKSBURY	102-112 MARSTON ST	RICE & ROAD MARSTON STREET INTERSECTION	120 DY	10/13/2004	RAO	10/19/2007	PHASE II	A2	Oil and Hazardous Material
3-0019127	TEWKSBURY	71 MERRIMAC ST	NO LOCATION AID	TWO HR	12/30/1999	RAO	5/5/2000		A2	Hazardous Material
3-0023154	TEWKSBURY	495 N	BETWEEN RTE 133 & RTE 38	TWO HR	9/8/2003	RAO	11/13/2003		A2	Oil
3-0012884	TEWKSBURY	657 NORTH ST	WANG BUILDING #6	TWO HR	9/5/1995	RAO	1/4/1996		A2	Oil
3-0010276	TEWKSBURY	836 NORTH ST	WANG COMPUTERS	TWO HR	12/8/1993	RAO	12/8/1994		A2	Oil
3-0025809	TEWKSBURY	836 NORTH ST	495 BUSINESS CENTER	120 DY	4/12/2006	RAO	3/21/2007		A1	Hazardous Material
3-0017272	TEWKSBURY	OLD BOSTON RD AND MAIN ST	NO LOCATION AID	TWO HR	9/10/1998	RAO	12/15/1998		A1	Oil
3-0013811	TEWKSBURY	170 OLD MAIN ST	WILLIAMSBURG PARK NEAR INTSCN WITH MAIN	120 DY	5/22/1996	RAO	11/30/2005	PHASE II	A3	Hazardous Material
3-0025353	TEWKSBURY	PATRICK RD	GREEN RESIDENTIAL DEVELOPMENT	TWO HR	10/26/2005	RAO	5/23/2006		A2	Oil
3-0003379	TEWKSBURY	91 PIKE ST FOX RUN	PROPERTY	NONE	3/9/1988	DEPNDS	4/4/1996			Oil
3-0020776	TEWKSBURY	100 PINNACLE ST	CANELAS TRUCK REPAIR	120 DY	6/11/2001	RAO	6/18/2002		A1	Hazardous Material
3-0025197	TEWKSBURY	QUAIL RUN	PATTEN GREEN CONDOMINIUMS	120 DY	8/19/2005	RAO	3/31/2006		A2	Oil
3-0022886	TEWKSBURY	RIVER RD	POLE 96	TWO HR	5/26/2003	RAO	7/28/2003		A2	Oil
3-0015165	TEWKSBURY	20 ROBINSON AVE	BELL ATLANTIC CENTRAL OFFICE	72 HR	6/4/1997	RAO	10/2/1997		B1	Oil
3-0021076	TEWKSBURY	RTE 495 NORTH TO RT 38 W	NO LOCATION AID	TWO HR	9/11/2001	RAO	11/5/2001		A1	Oil
3-0014977	TEWKSBURY	RTE 495 S	@ RTE 38	TWO HR	4/7/1997	RAO	3/23/1998		A2	Oil
3-0020419	TEWKSBURY	RTE 495 SOUTH @ EXIT 38	NO LOCATION AID	TWO HR	2/22/2001	RAO	12/24/2001		A1	Oil
3-0021943	TEWKSBURY	RTE 495 SOUTHBOUND	APPROX 0.5 MILE SOUTH OF EXIT 39	TWO HR	7/17/2002	RAO	9/12/2002		A1	Oil
3-0016742	TEWKSBURY	RTE 495S AT RAMP TO RTE 38	NO LOCATION AID	TWO HR	5/1/1998	RAO	6/26/1998		A2	Oil
3-0010099	TEWKSBURY	1600 SHAWSHEEN ST	NO LOCATION AID	72 HR	10/25/1993	RAO	5/17/1999	PHASE II	A3	Oil
3-0013000	TEWKSBURY	1635 SHAWSHEEN ST	NO LOCATION AID	72 HR	10/3/1995	RAO	1/25/1996		A2	Oil
3-0018049	TEWKSBURY	1650 SHAWSHEEN ST	NO LOCATION AID	TWO HR	3/3/1999	RAO	4/30/1999		A1	Oil
3-0003504	TEWKSBURY	1685 SHAWSHEEN ST	LIQUID CARBONIC	NONE	4/14/1989	RAO	12/1/1999	PHASE III	A3	Oil
3-0014040	TEWKSBURY	1685 SHAWSHEEN ST	NO LOCATION AID	120 DY	8/27/1996	RAO	8/29/1997		A2	Oil and Hazardous Material
3-0014267	TEWKSBURY	1685 SHAWSHEEN ST	NO LOCATION AID	72 HR	9/24/1996	RAO	11/29/1999	PHASE III	A3	Oil
3-0015633	TEWKSBURY	1685 SHAWSHEEN ST	NO LOCATION AID	72 HR	10/20/1997	RTN CLOSED	7/6/1998			Oil
3-0022074	TEWKSBURY	SOUTH ST	PARCEL A OF MAP 114 LOTS 1 AND 2	120 DY	9/4/2002	DPSTRM	3/27/2007			Hazardous Material

Table 20 (Cont'd): Reportable Hazardous Material Releases

3-0022076	TEWKSBURY	SOUTH ST	PARCEL A OF MAP 114 LOTS 1 AND 2	120 DY	9/4/2002	RAO	9/4/2002		B1	Hazardous Material
3-0003893	TEWKSBURY	1069 SOUTH ST	SUTTON BROOK DISPOSAL AREA	NONE	4/15/1992	ADEQUATE REG	6/15/2007			Hazardous Material
3-0003971	TEWKSBURY	1069 SOUTH ST	LOAM OPERATION	NONE	4/24/1992	UNCLASSIFIED	4/24/1992			Oil
3-0014164	TEWKSBURY	1069 SOUTH ST	NO LOCATION AID	TWO HR	8/9/1996	RTN CLOSED	10/7/1996			Oil
3-0018875	TEWKSBURY	1079 SOUTH ST	KROCHMAL FARM	TWO HR	10/25/1999	TIER1D	11/1/2000			Hazardous Material
3-0018608	TEWKSBURY	VICTOR DR	NO LOCATION AID	TWO HR	8/7/1999	RAO	6/15/2000		A1	Oil
3-0013516	TEWKSBURY	10 VICTOR DR	WYNN MIDDLE SCHOOL	TWO HR	3/1/1996	RAO	3/1/1997		A1	Hazardous Material
3-0017040	TEWKSBURY	WHIPPLE RD	POLE 6	TWO HR	7/16/1998	RAO	9/15/1998		A2	Oil
3-0002577	TEWKSBURY	999 WHIPPLE RD	TEWKSBURY DPW	NONE	1/15/1990	RAO	7/24/1996			
3-0016981	TEWKSBURY	999 WHIPPLE RD	REAR OF DPW GARAGE	72 HR	6/26/1998	RAO	10/29/1998		A2	Oil
3-0001718	TEWKSBURY	525 WOBURN ST	CORENCO CORP FMR	NONE	1/15/1987	RAO	8/5/1996		NC	

Landfills

According to the Massachusetts Department of Environmental Protection Bureau of Waste Prevention, there are no operating landfills in Tewksbury at the present time. There are two (2) active composting sites, according to the Bureau of Waste Prevention. One for municipal purposes located at 999 Whipple Road and the other for commercial purposes located at 1079 South Street. There are five (5) inactive/closed landfills, as listed below in Table 21.

Table 21: Inactive Landfills

ID	Current Status/ Years of Operation	Site/Location	Owner Type	Landfill Type
SL0295.001	Inactive /1957-1988	Rocco's Landfill 1069 South Street	Private	MSW Landfill
SL0295.002	Inactive/1955-1957	Tewksbury Landfill Martha Avenue	Municipal	MSW Landfill
SL0295.003	Inactive/Unknown	Tewksbury Stump Dump Pine Street	Private	MSW Landfill
SL0295.004	Inactive/Unknown	Tewksbury Metals Dump Off East Street Road	Private	MSW Landfill
SL0295.005	Inactive/Unknown-1985	Tewksbury Hospital Landfill Maple and Livingston Streets	State	MSW Landfill

Source: Massachusetts Department of Environmental Protection, Bureau of Waste Prevention, <http://www.mass.gov/dep/recycle/inactlf.pdf>

Erosion and Sedimentation

The Town regulates erosion control issues through their Stormwater Management & Erosion Control Bylaw and Section 8.3 (Erosion and Sediment Control) of the Subdivision Rules and Regulations. The Planning Board requires that adequate protective measures be provided during development and construction to minimize adverse impacts to surface water. In addition, the Conservation Commission has jurisdiction over all wetlands issues.

Chronic Flooding

As previously noted in the Flood Hazard Areas section, Tewksbury is periodically subject to inundation from the Concord and Merrimack Rivers, however, flooding is more apparent within the Shawsheen River Watershed. Tewksbury has flooding problems particularly during the 100-year storm event. Structures erected along these riverbanks prior to pertinent Bylaws are more vulnerable to damage caused by flooding. Development patterns within the watershed, in some instances, have altered the natural drainage patterns. Also, sedimentation has washed into these areas and resulted in elevating the Shawsheen River and its tributaries.

Development Impacts

Based on the community surveys and visioning sessions, Tewksbury's regulations for new development seems to be adequate, though they could be strengthened by updating the Wetland Protection Bylaw, Stormwater Management and Erosion Control Regulations, Groundwater Protection Overlay District and establishing a Wetlands Protection Overlay District, Historic District and adopting Low Impact Development Best Management Practices. Public participation could be more strongly encouraged and increasing public education and awareness relative to conservation and recreation issues was identified as a need within the community.

The Conservation Commission has a policy of no disturbance or alteration within 100 feet of any water resource area (vegetated wetlands wet meadow, marsh, swamp, bog, river, brook, stream, pond or lake). Additionally, the Commission requires a minimum continuous 25-foot wide buffer zone strip of undisturbed, natural vegetation between the proposed activity and the resource area(s); and a 50-foot buffer strip between any proposed structure and resource area(s), providing for a further 25-foot buffer strip setback between the buffer strip and the structure. The Planning Board requires any parking lot with more than 40 parking spaces to include landscaped area(s), which shall not be less in area than five (5) percent of the total area of the parking lot and shall be in addition to any minimum open space requirement. Additionally, the Planning Board may decrease the number of parking spaces by no more than 30% of the total number of spaces required. This is an important step towards controlling excess impervious cover and stormwater runoff.

As required by the state, the Conservation Commission has adopted the Department of Environmental Protection Stormwater Management Standards in issuing Orders of Conditions for work within areas protected under the state Wetlands Protection Act (M.G.L. c.131, Sec. 40) and its applicable Regulations (310 CMR 10.000). The Stormwater Management and Erosion Control Bylaw was adopted under authority granted by the Home Rule Amendment, and pursuant to the regulations of the federal Clean Water Act (40 CFR 122.34). The Planning Board administers and regulates activities under this bylaw, with periodic review from other agents, including the Conservation Commission. The Planning Board may adopt and periodically amend

Stormwater Regulations in order to mitigate potential future land hazards. The Wetlands Protection Bylaw is enforced and administered by the Conservation Commission.

Ground and Surface Water Pollution

Nonpoint source pollution (NPS) and point source pollution has the ability to threaten several facets of Tewksbury, including public health, natural resources and the environment. NPS pollution is caused by rainfall or snowmelt moving over and through the ground. As the runoff moves, it picks up and carries away natural and man-made pollutants, finally depositing them into lakes, rivers, wetlands, and even the underground sources of drinking water. NPS derives from many sources, mainly human activity and sometimes from the natural landscape. Common human activities include clearing and fertilizing, salting and sanding roads, improper motor oil disposal, and failing septic systems. While Tewksbury is extending its municipal sewer system, several properties are still prone to malfunctioning and failing septic systems. In addition, surface water resources and wetlands will remain vulnerable to runoff from roadways and from inadequate erosion control measures. NPS from stormwater runoff will be Tewksbury's largest challenge in controlling pollution in the future. Windsor-Hinckley-Deerfield Soils cover approximately 43% of the land area and are sandy soils that are very permeable, which means they are very vulnerable to contamination. Leaking from underground petroleum product storage is another source of pollution. Over the past two years, seventeen out of twenty seven release reports issued to the Department of Environmental Protection have involved petroleum products, particularly at gas stations.

Section 5: Inventory of Lands of Conservation and Recreation Interest

The term open space as used in this plan denotes any small, medium or large parcel of undeveloped land, and all land (developed or not) that is managed primarily for preservation or recreation purposes. Protected open space refers to land owned by the Town of Tewksbury, the Commonwealth or a federal agency, a non-profit land protection agency, or private entities, and managed primarily for conservation, recreation, or environmental protection. Protected open space is sheltered from development, although there is sometimes the probability that the use of these areas will be changed. Ordinarily open space is often NOT protected. For instance, land owned by the Tewksbury School Department or Department of Public Works (DPW) and privately owned parcels are often relatively easy to develop, even if they have been maintained as open space for a number of years.

Although the Town of Tewksbury is a mature suburb and largely developed, a substantial amount of land has been set aside for open space and recreation. Approximately 9.5% of Town's total land area or 1,387.29 acres is permanently protected. There are another 704.74 acres that are undeveloped and under public ownership but have limited protection or no protection. Another 956.38 acres of privately held lands are undeveloped and have limited or no protection. In total, approximately 3,048.41 acres of open space are either permanently protected, have limited protection or no protection. A complete parcel inventory of these lands can be found in Table 23. Map 7 on page 60 depicts the open space and recreational facilities, and their designated level of protection.

Open space provides an important contribution to the overall quality of life of a community. Public recreation areas and open space provide a focus for community life and promote a unique and identifiable community character. In relatively high-density towns like Tewksbury, parks and open space greatly enhance the quality of residential life. Open space also has important economic benefits in that it protects and enhances the property values of nearby land and attracts business and investment. Research on this topic suggests that the proximity to recreation and open space is the most important factor in choosing the location of a small business, while the quality of life ranks as the third most important factor in choosing the location of a large business.

Additionally, conservation land serves important environmental functions in a town, providing natural stormwater storage and wildlife corridors. Even small pockets of green space may serve an important function for migratory birds and butterflies. Open space can also reduce runoff and diminish the frequency and severity of flooding. Wooded open space helps to cool the town and improve air quality.

In order to meet the definition of Open Space, Tewksbury's Zoning Bylaw requires that not less than 60% of the total upland area of the site available for use remain free from structures, parking and drives, and that such area be left either in its natural state, attractively landscaped, or developed for uncovered recreational facilities.

A. Permanently Protected Lands

Table 22 below provides an overview of the permanently protected lands within the Town. Permanently protected lands include, state lands such as the State Hospital, and permanently protected municipal properties subject to Article 97 or a conservation restriction, and private properties that are protected through a conservation restriction. There are 358 parcels of permanently protected lands comprising approximately 1,388.36 acres, or 9.5% of the town's overall land area. According to the records obtained from the Assessing Department, there is no permanently protected land owned by the federal government.

Table 22: Permanently Protected Lands within the Town of Tewksbury

Ownership/Protection	Number of Parcels	Total Acreage
Commonwealth of Massachusetts	13	412.53
Town of Tewksbury	345	974.76
Total	358	1,387.29

The Commonwealth of Massachusetts owns 13 parcels comprising 412.53 acres. Tewksbury State Hospital is the largest holding, consisting of several parcels comprising 750+/- acres, including the hospital buildings and grounds, open fields and forested land. The Tewksbury Recreation Department manages and operates Livingston Street Park within close proximity to the State Hospital facility.

The Town owns 345 parcels of protected land, comprising 974.76 acres. These lands include Conservation Commission properties and parkland. These parcels are dispersed throughout town and offer open space, conservation and passive/active recreation opportunities for the citizens of the community. The largest town-owned parcel is vacant open space land located off Trull Avenue, which consists of approximately 121.50 acres.

TABLE 23: INVENTORY OF LANDS OF CONSERVATION AND RECREATION INTEREST - UPDATED FEBRUARY 2009

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
	Map	Block	Acres	Name	Address	Land Use Code	Zoning	Level of Protection	Owner	Manager	Use	Condition	Recreation Potential	Access	Book - Page	
1																
2																
3																
4																
5																
6																
7	76	27	16.23	East Street Pumping Station	460 East Street	913	FA	Permanent	State	DPH	Article 97	Good	Conservation Rec.	Public	N/A	
8	76	36	2.13	B & M Baldwin Plan Parcel 4	460 East Street Behind Maple Street	913	FA	Permanent	State	DPH	Article 97	Good	Conservation Rec.	Public	02320-0491	
9	88	21	19.10	Maple Street	Maple Street	913	FA	Permanent	State	DPH	Article 97	Good	Conservation Rec.	Public	N/A	
10	88	24	7.35	East and Maple	East & Maple	913	FA	Permanent	State	DPH	Article 97	Good	Conservation Rec.	Public	N/A	
11	89	1	63.00	East Street	630 East Street	913	FA	Permanent	State	DPH	Article 97	Good	Conservation Rec.	Public	N/A	
12	90	1	38.00	Foster Smith Lot Plan	Pinnacle Street	913	R40	Permanent	State	DPH	Article 97	Good	Conservation Rec.	Public	N/A	
13	90	2	74.00	SJD Finnacle Street	Pinnacle Street	913	R40	Permanent	State	DPH	Article 97	Good	Conservation Rec.	Public	N/A	
14	90	2	102.20	Livingston Street	Livingston Street	913	FA	Permanent	State	DPH	Article 97	Good	Conservation Rec.	Public	N/A	
15	90	32	5.06	Maple Street	Maple Street	913	FA	Permanent	State	DPH	Article 97	Good	Conservation Rec.	Public	N/A	
16	90	32	5.06	Maple Street	Maple Street	913	FA	Permanent	State	DPH	Article 97	Good	Conservation Rec.	Public	N/A	
17	30	19	0.03	Near Long Pond Access/State Hospital	Pond Street	913	R40	Permanent	State	DPH	DPH	Good	Upland	Public	N/A	
18	30	22	1.38	Near Long Pond Access/State Hospital	Pond Street	913	R40	Permanent	State	DPH	DPH	Good	Upland	Public	N/A	
19	76	32	15.45	East Street Fields	90 Chamlier Street	901	R40	Permanent	State	Praks	Active	Good	Active	Public	10054-109	
20			412.53													
21																
22																
23																
24	3	16	0.06	Melrose Park	Melrose Avenue	903	HI	Permanent	Town	Praks	Not in use	Good	Passive	Public	N/A	
25	20	26	27.50	Melvin Rogers Park	Rogers Street	903	P	Permanent	Town	Praks	Not in use	Good	Active	Public	1435-197	
26	47	88	0.10	Common Street	East Street	903	P	Permanent	Town	Praks	Active	Good	Passive	Public	N/A	
27	63	43	40.00	Frances Field	North Street	903	P	Permanent	Town	Praks	Active	Good	Active	Public	03394-0236	
28	69	109	23.00	Foster Park	128 Heath Street	903	R40	Permanent	Town	Praks	Not in use	Good	Active	Public	01538-0266	
29	18	2	2.48	Mechanics Park	Van Buren Road	903	R40	Permanent	Town	Praks	Active	Good	Active	Public	9212-002	
30	86	40	8.80	Livingston Street Park	255 Livingston Street	903	P	Permanent	Town	Praks	Active	Good	Active	Public	06784-0523	
31	31	10	1.10	Manthey Park	Whipple Road	903	R40	Permanent	Town	Praks	Passive	Good	Passive	Public	06729-0102	
32	6	31	0.25	Farwood Forest Cluster Zoning	Farwood Road	903	R40	Permanent	Town	Conservation	Passive	Good	Possible	Public	9003-240	
33	7	31	55.20	Farwood Forest Cluster Zoning	Farwood Road	903	R40	Permanent	Town	Conservation	Passive	Good	Possible	Public	9003-240	
34	7	31	55.20	Farwood Forest Cluster Zoning	Farwood Road	903	R40	Permanent	Town	Conservation	Passive	Good	Possible	Public	9003-240	
35	8	84	0.66	Open Space Land	40 State Drive	903	R40	Permanent	Town	Conservation	Passive	Good	Possible	Public	04339-0161	
36	8	84	1.25	Open Space Land	Pond Street	903	R40	Permanent	Town	Conservation	Passive	Good	Possible	Public	04339-0161	
37	31	4	0.18	Lake Side Access/Long Pond	Pond Street	903	R40	Permanent	Town	Conservation	Pond Access	Good	Possible	Public	N/A	
38	33	45	5.40	Abnits Melvin Rogers Park	54 McNeil Way Behind	903	R40	Permanent	Town	Conservation	Passive	Good	Possible	Public	02534-0320	
39	57	239	25.55	Evergreen Estates Park (Lot 33)	170 Judith E Drive	903	R40	Permanent	Town	Conservation	Passive	Good	Possible	Public	06100-0055	
40	68	15	0.03	Brown Street Access, Shawshen River	Cuban Road	903	R40	Permanent	Town	Conservation	River Access	Good	River Access	Public	N/A	
41	68	15	0.28	Misc: Riverfront Land, Shawshen River	Maple Road	903	R40	Permanent	Town	Conservation	River Access	Good	River Access	Public	N/A	
42	69	86	0.24	Misc: Riverfront Land, Shawshen River	Oak Road	903	R40	Permanent	Town	Conservation	River Access	Good	River Access	Public	2012-41	
43	69	100	5.60	Leighton Estates, Abnits Strongwater Brook	104 Leighton Lane	903	R40	Permanent	Town	Conservation	Passive	Good	River Access	Public	2144-202	
44	79	16	0.41	Misc: Riverfront Land, Shawshen River	California Road	903	R40	Permanent	Town	Conservation	River Access	Good	River Access	Public	N/A	
45	82	58	0.67	Misc: Riverfront Land, Shawshen River	Wisconsin Road	903	R40	Permanent	Town	Conservation	River Access	Good	River Access	Public	N/A	
46	82	70	0.92	Abnits Foster Park, Shawshen River	Wisconsin Road	903	R40	Permanent	Town	Conservation	River Access	Good	River Access	Public	N/A	
47	82	71	0.09	Conservation Land	Wisconsin Road	903	R40	Permanent	Town	Conservation	River Access	Good	River Access	Public	N/A	
48	82	73	0.16	Conservation Land	Wisconsin Road	903	R40	Permanent	Town	Conservation	River Access	Good	River Access	Public	N/A	
49	82	85	0.07	Misc: Riverfront Land, Shawshen River	Nichigan Road	903	R40	Permanent	Town	Conservation	River Access	Good	River Access	Public	N/A	
50	83	57	1.31	Conservation Land	Sharon Street	903	R40	Permanent	Town	Conservation	River Access	Good	River Access	Public	N/A	
51	84	53	7.00	Kentledge Lot, Abnits Shawshen River	Shawshen Street	903	R40	Permanent	Town	Conservation	Passive	Good	River Access	Public	N/A	
52	84	53	7.00	Kentledge Lot, Abnits Shawshen River	Shawshen Street	903	R40	Permanent	Town	Conservation	Passive	Good	River Access	Public	N/A	
53	89	20	5.12	East Street Estates, Cluster Zoning	East Street Estates	903	R40	Permanent	Town	Conservation	Passive	Good	Possible	Public	03332-0234	
54	89	20	5.12	East Street Estates, Cluster Zoning	East Street Estates	903	R40	Permanent	Town	Conservation	Passive	Good	Possible	Public	03332-0234	
55	89	45	3.25	East Street Estates, Cluster Zoning	Royal Crest	903	R40	Permanent	Town	Conservation	Passive	Good	Possible	Public	07202-0053	
56	95	104	2.01	Cedar Swamp	41 Leimston Street	903	HI	Permanent	Town	Conservation	Passive	Good	Possible	Public	07202-0054	
57	97	1	5.10	Mollie Drive, Cluster Zoning	Hill Street	903	R40	Permanent	Town	Conservation	Passive	Good	Possible	Public	04251-0110	
58	98	134	0.14	Bridge Street, Shawshen River access point	622 Riverview Place	903	R40	Permanent	Town	Conservation	River Access	Good	River Access	Public	2746-7783	
59	98	147	0.14	Rivertide Road, Abnits Shawshen River	622 Riverview Place	903	R40	Permanent	Town	Conservation	River Access	Good	River Access	Public	N/A	
60	98	148	0.15	Rivertide Road, Abnits Shawshen River	622 Riverview Place	903	R40	Permanent	Town	Conservation	River Access	Good	River Access	Public	N/A	
61	99	77	6.00	Abnits Shawshen River, Cluster Zoning	Mill Street Off	903	R40	Permanent	Town	Conservation	Passive	Good	River Access	Public	03849-0149	
62	99	103	2.60	Abnits Shawshen River, Cluster Zoning	Geiger Drive	903	R40	Permanent	Town	Conservation	Passive	Good	River Access	Public	06520-0150	
63	99	112	2.77	Abnits Shawshen River, Cluster Zoning	Shawshen Street R-of-W	903	R40	Permanent	Town	Conservation	Passive	Good	River Access	Public	07192-0052	
64	100	95	15.50	Abnits Shawshen River, Cluster Zoning	Barry Road	903	R40	Permanent	Town	Conservation	Passive	Good	River Access	Public	02534-0318	
65	101	68	14.20	Breckinridge Estates, Cluster Zoning	1345 Shawshen Street	903	R40	Permanent	Town	Conservation	Passive	Good	Possible	Public	7136-383	
66	103	101	0.22	Conservation Land	Ellington Road	903	R40	Permanent	Town	Conservation	Conservation	Good	Possible	Public	N/A	
67	107	39	16.03	Cluster Open Space	50 Homestead Lane	903	R40	Permanent	Town	Conservation	Passive	Good	Possible	Public	05935-0053	
68	110	38	8.00	Spaulding Lot, Abnits Shawshen River	Tanager Road	903	R40	Permanent	Town	Conservation	Passive	Good	River Access	Public	07418-0314	
69	110	39	1.00	Walter Lot, Abnits Shawshen River	23 Anthony Road	903	R40	Permanent	Town	Conservation	Passive	Good	River Access	Public	03849-0149	
70	110	96	1.00	Walter Lot, Abnits Shawshen River	Rockvale Road	903	R40	Permanent	Town	Conservation	Passive	Good	Possible	Public	02469-0538	
71	110	96	1.00	Walter Lot, Abnits Shawshen River	Rockvale Road	903	R40	Permanent	Town	Conservation	Passive	Good	Possible	Public	02469-0538	
72	111	34	10.16	Bradford Estates, Cluster Zoning	Bradford Road	903	R40	Permanent	Town	Conservation	Passive	Good	Possible	Public	02469-0538	
73	21	118	3.20	Recreation/Conservation Cluster Zoning	129 Fox Run Drive Behind	903	R40	Permanent	Town	Conservation	Conservation	Good	Possible	Public	0474-13	

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Map	Block	Acres	Name	Address	Land Use Code	Zoning	Level of Protection	Owner	Manager	Use	Condition	Recreation Potential	Access	Book - Page	
74	21	11.9	16.58 Conservation Land	96 Fox Run Drive/Adjacent	903	R40	Permanent	Town	Conservation	Conservation	Good	Possible	Public	06/29-01/4	
75	62	117	0.49 North Street Water Dept.	North Street	903	R40	Permanent	Town	DPW	Water	Good	Possible	Public	N/A	
76	20	20	48.55 Esplanade Road Water Dept.	Esplanade Road	903	R40	Permanent	Town	DPW	Water	Good	Possible	Public	N/A	
77	71	31	4.25 Kenilworth Road Water Dept.	Kenilworth Road	903	R40	Permanent	Town	DPW	Water	Good	Possible	Public	N/A	
78	71	58	5.05 Off Road/Water Dept. Land	Off Road	903	R40	Permanent	Town	DPW	Water	Good	Possible	Public	04/7-26	
79	81	83	0.28 Off Road/Water Dept.	Off Road	903	R40	Permanent	Town	DPW	Water	Good	Possible	Public	N/A	
80	84	17	7.00 Off Canby Road/Water Dept.	Off Canby Road/Behind	903	R40	Permanent	Town	DPW	Water	Good	Possible	Public	N/A	
81	100	87	14.00 Shaw Street Pumping Station	Shaw Street	903	R40	Permanent	Town	Stover	Conservation	Good	Possible	Public	18/27-484	
82	10	15	10.77 Germania Plant Lot 7	249 Ashle Street/Adjacent	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	09/9-283	
83	10	45	0.34 Wamsitt Heights	Lanier Avenue	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	12/12-40	
84	10	13	0.13 Wamsitt Highlands 1864-87	Lanier Avenue	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	12/12-40	
85	13	26	1.20 Country Club Estate Lot 12	Country Club Drive	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	06/20-01/51	
86	17	5	0.07 Wilbur LKSD Lot 669	Berkely Street	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	06/20-01/51	
87	17	6	0.07 Wilbur LKSD Lot 600	Berkely Street	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	06/20-01/51	
88	17	19	0.21 Wilbur LKSD 498-500	Shoreline Drive	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	02/104-0384	
89	17	21	0.14 Wilbur LKSD 492-493	Suffolk Street	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	06/100-0054	
90	18	1	0.87 Mechanic PT 21-26	Jackson Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	N/A	
91	18	3	0.41 4647/42/87 PT 40/5149/5	Harrison Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	N/A	
92	18	7	0.26 Mechanic 298-299	Harrison Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	02/15-03/87	
93	18	12	0.26 Mechanic 300-304	Harrison Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	N/A	
94	18	24	1.17 Mechanic 201-209 & 252-268	Harrison Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	N/A	
95	18	26	0.62 Mechanic 274 & 406-419	Harrison Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	N/A	
96	18	30	0.26 Mechanic 414 & 416-419	Harrison Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	N/A	
97	18	34	1.55 Mechanic 32-85 & 112-117	Van Buren Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	N/A	
98	18	35	1.00 Mechanic 91-97 & 106-111	Moreland Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	N/A	
99	18	66	0.05 Orchard Heights 808	Lincoln Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	18/656-107	
100	18	67	0.25 Orchard Heights 816-819	Lincoln Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	07/16-02/19	
101	18	92	0.09 Conner Marston	Charmann Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	02/615-03/69	
102	19	49	1.98 Sullivan Plan Lot 1A	580 Whipple Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	11/478-49	
103	19	83	0.25 Willow Acres Plan Lot 20	33 Cinnamon Circle	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	10/650-152	
104	22	55	0.20 Wamsitt Park 78-79 23/6-237	Littelfield Street	903	HI	Permanent	Town	Town	Conservation	Good	Possible	Public	16/630-246	
105	22	57	0.15 Wamsitt Proc 003	Newberry Avenue	903	HI	Permanent	Town	Town	Conservation	Good	Possible	Public	8/47-57	
106	22	78	2.47 Wamsitt Proc 002/D	Colish Road	903	HI	Permanent	Town	Town	Conservation	Good	Possible	Public	8/47-70	
107	22	119	0.09 Wamsitt Park Lot 1,2,3	20 Alpine Avenue/Adjacent	903	HI	Permanent	Town	Town	Conservation	Good	Possible	Public	20/903-88	
108	23	37	121.50 Summers Land Plan	265 Old Trail Avenue/Behind	903	HI	Permanent	Town	Town	Conservation	Good	Possible	Public	22/971-271	
109	24	4	5.88 E SD Trail Road	60 Highland View Road	903	HI	Permanent	Town	Town	Conservation	Good	Possible	Public	21/968-155	
110	24	5	0.01 Trail Road Parcel 5	Trail Road/Off	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	8/272-165	
111	24	6	0.01 Trail Road Parcel 5	Trail Road/Off	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	8/272-186	
112	24	6	0.01 Trail Road Parcel 5	Trail Road/Off	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	17/884-298	
113	24	6	0.01 Trail Road Parcel 5	Trail Road/Off	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	8/233-37	
114	24	20	0.60 Conners V SD Trail	380 Trail Road/Behind	903	HI	Permanent	Town	Town	Conservation	Good	Possible	Public	20/303-91	
115	24	20	0.03 Wamsitt Village 397-400	Essex Street	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	20/303-91	
116	24	33	0.32 Wamsitt Village 376-382	Labounty Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	12/12-41	
117	25	21	0.23 Wamsitt Village Plan 93	Marin Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	02/516-03/80	
118	27	53	0.56 Field/H Flood Road	Hood Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	03/780-01/98	
119	30	20	0.23 Wilbur LKSD 533-54 & 69-70	Pond Street	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	11/572-125	
120	30	21	0.47 SD PK Annex 62-68	Fern Street	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	N/A	
121	31	5	0.75 Lakeside Park Annex Cons 1-10	Pond Street	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	N/A	
122	31	6	0.73 Conspand Street	Pond Street	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	N/A	
123	32	77	4.17 Open space Willow Acres	Cinnamon Circle/Behind	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	10316-47	
124	34	89	6.79 Waterbury Park Plan Lot 4	40 Ginsburg Drive/Behind	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	06/739-01/23	
125	36	1	41.00 Conservation Commission/Cedar Swamp	Route 495/Off	903	HI	Permanent	Town	Town	Conservation	Good	Possible	Public	9093-59	
126	37	3	27.00 Conservation Commission/Cedar Swamp	Andover Street/Off	903	HI	Permanent	Town	Town	Conservation	Good	Possible	Public	12/712-42	
127	37	3	0.11 Avon Street	Avon Street	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	9093-59	
128	43	91	0.09 Avon Street	Avon Street	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	02/609-04/58	
129	43	92	0.09 Avon Street	Avon Street	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	N/A	
130	44	109	3.79 Off Tomahawk Drive Water	Tomahawk Drive/Off	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	02/706-16	
131	44	110	5.31 J.D. Sullivan Lot 3	623 North Street/Adjacent	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	8178-361	
132	46	206	0.26 Open Space Sullivan	Kenilworth Drive/Behind	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	10803-276	
133	56	228	0.49 Open Space Sullivan	Jeanne Drive	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	02/609-04/58	
134	56	229	0.29 Wait Grove PT	Botsert Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	102186-0642	
135	58	1	0.35 Off Foster Road	Foster Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	02/609-04/58	
136	58	133	0.02 Kevin Sullivan Lot 12	192 Foster Road/Adjacent	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	22/285-338	
137	58	148	0.06 Kevin Sullivan Lot 9B	7 Virginia Road/Off	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	22/285-337	
138	58	149	0.06 Kevin Sullivan Lot 9B	Virginia Road/Off	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	22/285-37	
139	58	150	0.06 Kevin Sullivan Lot 8B	Virginia Road/Off	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	7402-37	
140	58	151	0.06 Kevin Sullivan Lot 3A	6 Davis Road/Behind	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	13/954-9869	
141	65	14	1.38 Ten Acre Hill	13 Cayuga Road/Behind	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	13/448-7006	
142	65	22	2.05 Ames Hill 129 & 131	Cayuga Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	02/235-04/50	
143	65	23	1.12 Ames Hill 132	Cayuga Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	02/235-04/50	
144	69	4	3.00 Off E SD Whipple Road	107 Cherry Road/Behind	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	02/235-04/50	
145	69	18	0.20 Shawshier River Park 506-509	Cherry Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	02/235-04/50	
146	69	19	0.24 Shawshier River Park 510-514	Cherry Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	02/235-04/50	
147	69	20	0.17 E SD Whipple Road	Cherry Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	02/271-0506	

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Map	Block	Acres	Name	Address	Land Use Code	Zoning	Level of Protection	Owner	Manager	Use	Condition	Recreation Potential	Access	Book - Page	
3															
148	69	30	0.70	Showheen River Park 120-123 173-179 & 183	Walnut Road	903	R40	Permanent	Town	Town	Conservation	Good	River Access	Public	02469-0438
149	69	40	0.20	Showheen River Park 189-192	Walnut Road	903	R40	Permanent	Town	Town	Conservation	Good	River Access	Public	02469-0438
150	69	50	0.24	Showheen River Park 184-188	Walnut Road	903	R40	Permanent	Town	Town	Conservation	Good	River Access	Public	11064-302
151	69	50	0.15	Showheen River Park 330-340	Juggie Road	903	R40	Permanent	Town	Town	Conservation	Good	River Access	Public	N/A
152	69	45	0.15	Showheen River Park 335-341	Juggie Road	903	R40	Permanent	Town	Town	Conservation	Good	River Access	Public	N/A
153	71	15	1.38	Main Street Land	Main Street Land	903	TR	Permanent	Town	Town	Conservation	Good	River Access	Public	02249-0699
154	81	15	0.46	Oakland B 038-42 & 104-107	Main Street Land	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	N/A
155	81	16	1.09	Oakland B 43-53 & 93-103	Main Street Land	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	N/A
156	81	17	0.31	Oakland B 53-55 & 90-92	Russell Street	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	N/A
157	81	18	0.05	Oakland B Lot 56	Main Street Land	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	16253-272
158	81	19	0.21	Oakland B 57-60	Main Street Land	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	N/A
159	81	20	1.24	Oakland B 61-84	Main Street Land	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	N/A
160	81	35	0.07	Oakland D Off 1st	First Street	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	16253-272
161	81	38	1.24	Oakland 194-211 223-228	Carolina Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	N/A
162	81	46	1.19	Oakland 176-185 229-241	Russell Street	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	N/A
163	81	55	1.50	Oakland 296-315 356-364	Russell Street	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	N/A
164	81	71	0.31	Oakland 422-425 480-481	Florida Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	N/A
165	81	73	0.36	Oakland B 433-439	Florida Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	N/A
166	81	80	0.26	Oakland B 458-462	135 Florida Road Behind	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	N/A
167	81	86	0.15	Oakland B 573-575	Russell Street	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	N/A
168	81	87	1.22	Oakland 576-592 572	Mississippi Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	16254-292
169	81	88	0.02	Oakland C 406-407	Alabama Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	16254-292
170	81	88	0.02	Oakland C 406-407	Mississippi Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	16254-292
171	81	92	0.15	Oakland C 408-500	Mississippi Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	16254-292
172	81	99	0.15	Oakland C 528-530	Mississippi Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	16254-292
173	81	100	0.26	Oakland C 601-605	Wolcott Street Off	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	N/A
174	81	102	1.65	Oakland 531-550 589-600	Mississippi Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	16253-272
175	81	103	0.46	Oakland 420-422 480-485	Mississippi Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	07418-0313
176	81	105	0.21	Oakland C 413-416	Alabama Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	N/A
177	81	106	0.10	Oakland C 427-428	Alabama Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	16253-273
178	81	107	0.05	Oakland C Lot 360	Alabama Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	16253-273
179	81	108	0.21	Oakland 341-342 364-365	Alabama Road/Adjacent	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	16253-273
180	81	111	0.88	Oakland C 343-351 355-9 361-3	Florida Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	N/A
181	81	115	0.21	Oakland Lot 280, 288-260	Georgia Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	16253-273
182	81	116	0.31	Oakland C 261, 266	Georgia Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	12712-445
183	81	117	0.05	Oakland C Lot 190	Georgia Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	16253-273
184	81	119	0.05	Oakland C Lot 196	Georgia Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	19776-283
185	81	126	0.72	Oakland 150-158 187-189 191-193	Carolina Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	N/A
186	81	140	0.19	Oakland D 1484-1350	Carolina Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	N/A
187	81	148	0.83	Oakland D 1242-1254	Maryland Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	N/A
188	81	156	0.36	Oakland 316-319 353-355	Russell Street	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	N/A
189	81	151	0.89	Oakland D 173-188	Maryland Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	N/A
190	81	155	0.14	Oakland D 313-317	Indian Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	11267-1
191	81	165	1.10	Oakland D 381-386	Russell Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	N/A
192	81	168	0.64	Oakland D 387-390	Russell Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	N/A
193	81	173	0.15	Oakland D 1083-1085	New York Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	N/A
194	81	175	0.86	Oakland D 1063-1079	New York Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	N/A
195	81	178	1.55	Oakland 1136-1145 1151-1152 & 1155	New York Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	N/A
196	81	183	0.62	Oakland D 1112-1123	New York Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	N/A
197	81	190	0.05	Oakland D Lot 1282	Pennsylvania Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	8833-86
198	81	193	0.38	Oakland D 1297-1299 1344-1347	Delaware Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	N/A
199	81	194	0.36	Oakland D 1296-1296	Pennsylvania Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	00747-0124
200	81	202	0.07	Oakland D 1335	Maryland Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	N/A
201	81	220	0.10	Oakland B 285-286	Georgia Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	16253-273
202	81	220	0.15	Oakland A 167-169	Oregon Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	N/A
203	82	16	0.78	Oakland A 150-158	Georgia Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	17938-73
204	82	30	7.00	Parr River Meadow	California Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	10924-278
205	82	31	7.00	Parr River Meadow	California Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	10924-278
206	82	40	1.21	Oakland A 334-354	Genevieve Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	20372-171
207	82	43	0.15	Oakland A 306-308	Dixiana Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	N/A
208	82	45	0.17	Oakland A 309-302	Dixiana Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	02018-0087
209	82	47	0.10	Oakland A 315-336	Dixiana Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	N/A
210	82	49	0.06	Oakland A 376-380 437-441	Illinois Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	N/A
211	82	52	0.06	Oakland A 376-380 437-441	Illinois Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	N/A
212	82	56	0.15	Oakland A 414-416	Illinois Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	N/A
213	82	60	0.67	Oakland A 460-466 508-513	Wisconsin Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	02318-0567
214	82	69	0.36	Oakland A 498-504	Wisconsin Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	225-337
215	82	72	0.06	Oakland A 578	Wisconsin Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	06269-0001
216	82	86	0.05	Michigan Road	Michigan Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	06269-0001
217	82	175	0.15	Oakland B 734-736	Arkansas Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	02526-0705
218	82	192	0.36	Oakland 624-627 658-660	Mississippi Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	N/A
219	82	195	0.15	Oakland B 663-665	Russell Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	N/A

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Map	Block	Acres	Name	Address	Land Use Code	Zoning	Level of Protection	Owner	Manager	Use	Condition	Recreation Potential	Access	Book - Page	
3															
220	82	200	0.41	Oakland B 521-522-586-591	Mississippi Road	903	R40	Permanent	Town	Conservation	Good	Possible	Public	N/A	
221	82	203	0.05	Oakland B Lot 520	Mississippi Road Off	903	R40	Permanent	Town	Conservation	Good	Possible	Public	2711-307	
222	82	204	0.05	Oakland B Lot 523	Mississippi Road Off	903	R40	Permanent	Town	Conservation	Good	Possible	Public	2711-308	
223	82	241	0.47	WJW/McLaren Place 238	McLaren Road	903	R40	Permanent	Town	Conservation	Good	Possible	Public	07716-0220	
224	82	259	0.21	Oakland A 330-333	Colorado Road	903	R40	Permanent	Town	Conservation	Good	Possible	Public	06658-0105	
225	83	869	0.07	W Foster Lot 25	60 Baystate Avenue Behind	903	R40	Permanent	Town	Conservation	Good	Possible	Public	02267-0746	
226	83	148	0.78	Bedford Street	Parlor Road	903	R40	Permanent	Town	Conservation	Good	Possible	Public	N/A	
227	85	351	4.00	344 Riverview	Mohawk Drive	903	R40	Permanent	Town	Conservation	Good	Possible	Public	28192-5006	
228	85	371	0.17	313 Riverview	Windside Terrace	903	R40	Permanent	Town	Conservation	Good	Possible	Public	N/A	
229	85	381	0.17	313 Riverview	Windside Terrace	903	R40	Permanent	Town	Conservation	Good	Possible	Public	N/A	
230	85	90	0.26	293-295 Riverview	Algonquin Drive	903	R40	Permanent	Town	Conservation	Good	Possible	Public	N/A	
231	85	91	0.06	292 Riverview	Algonquin Drive	903	R40	Permanent	Town	Conservation	Good	Possible	Public	N/A	
232	85	95	0.15	Com Lots 412-413 Riverview	Funway Road	903	R40	Permanent	Town	Conservation	Good	Possible	Public	N/A	
233	85	98	0.09	Com Lots 283-284 Riverview	Algonquin Drive	903	R40	Permanent	Town	Conservation	Good	Possible	Public	N/A	
234	86	11	0.46	361-364 Riverview	Birchwood Road	903	R40	Permanent	Town	Conservation	Good	Possible	Public	N/A	
235	86	12	0.14	401 Riverview	Mohawk Drive	903	R40	Permanent	Town	Conservation	Good	Possible	Public	N/A	
236	86	15	0.35	394-396 Riverview	Mohawk Drive	903	R40	Permanent	Town	Conservation	Good	Possible	Public	N/A	
237	86	16	1.59	380-393 Riverview	29 Birchwood Road Behind	903	R40	Permanent	Town	Conservation	Good	Possible	Public	N/A	
238	86	17	0.26	378-379 Riverview	45 Birchwood Road Behind	903	R40	Permanent	Town	Conservation	Good	Possible	Public	N/A	
239	86	19	0.42	370-373 Riverview	Birchwood Road	903	R40	Permanent	Town	Conservation	Good	Possible	Public	N/A	
240	88	2	0.20	SD Millstone Village	Martha Avenue	903	R40	Permanent	Town	Conservation	Good	Possible	Public	02156-0517	
241	88	4	0.38	SD Millstone Village	Starr Avenue	903	R40	Permanent	Town	Conservation	Good	Possible	Public	02186-0643	
242	91	1	4.00	Off Pinnacle Street	Pinnacle Street Off	903	R40	Permanent	Town	Conservation	Good	Possible	Public	N/A	
243	91	20	0.28	Heather Row	Heather Row	903	R40	Permanent	Town	Conservation	Good	Possible	Public	N/A	
244	91	42	24.28	Blackstone Village Lot A	Biggs Street	903	R40	Permanent	Town	Conservation	Good	Possible	Public	11478-50	
245	93	117	0.12	39 & 40 Mirros	Dovving Road	903	R40	Permanent	Town	Conservation	Good	Possible	Public	N/A	
246	94	9	0.05	Oakland C 163-166	Marshall Road	903	R40	Permanent	Town	Conservation	Good	Possible	Public	15372-147	
247	94	9	0.10	Oakland C 164-171	Marshall Road	903	R40	Permanent	Town	Conservation	Good	Possible	Public	N/A	
248	94	9	0.10	Oakland C 44-45	Marshall Road	903	R40	Permanent	Town	Conservation	Good	Possible	Public	N/A	
249	94	12	0.31	Oakland C 40-64-68	Carolina Road	903	R40	Permanent	Town	Conservation	Good	Possible	Public	N/A	
250	94	13	0.15	Oakland C 72-74	Carolina Road	903	R40	Permanent	Town	Conservation	Good	Possible	Public	N/A	
251	94	15	0.41	Oakland C Lot 163-166	Carolina Road	903	R40	Permanent	Town	Conservation	Good	Possible	Public	N/A	
252	94	17	0.06	Oakland C Lot 163	Carolina Road	903	R40	Permanent	Town	Conservation	Good	Possible	Public	N/A	
253	94	20	0.05	Oakland C Lot 177	Georgia Road	903	R40	Permanent	Town	Conservation	Good	Possible	Public	N/A	
254	94	22	0.24	Oakland C Lot 267-271	Georgia Road	903	R40	Permanent	Town	Conservation	Good	Possible	Public	N/A	
255	94	23	0.62	Oakland C Lot 454-460	South Street	903	R40	Permanent	Town	Conservation	Good	Possible	Public	N/A	
256	94	26	0.18	Oakland C Lot 352-354	McEvoy Road	903	R40	Permanent	Town	Conservation	Good	Possible	Public	N/A	
257	94	28	0.41	Oakland C Lot 435-438-467-470	Mississippi Road	903	R40	Permanent	Town	Conservation	Good	Possible	Public	20303-90	
258	94	34	0.26	Oakland C 554-558	Mississippi Road	903	R40	Permanent	Town	Conservation	Good	Possible	Public	N/A	
259	94	35	0.31	Oakland 551-553 586-588	Mississippi Road	903	R40	Permanent	Town	Conservation	Good	Possible	Public	N/A	
260	94	59	0.05	Forest Terrace Lot 1	State Street	903	HI	Permanent	Town	Conservation	Good	Possible	Public	07936-0115	
261	94	64	6.00	Cedar Swamp	2512 Main Street Behind	903	R40	Permanent	Town	Conservation	Good	Possible	Public	N/A	
262	94	72	5.75	Cedar Swamp	Lane Road	903	R40	Permanent	Town	Conservation	Good	Possible	Public	N/A	
263	94	73	0.02	Silver Lake Terrace PT 10	Main Street	903	HI	Permanent	Town	Conservation	Good	Possible	Public	1866-432	
264	94	74	0.13	Silver Lake Terrace 202-202	109 Street	903	R40	Permanent	Town	Conservation	Good	Possible	Public	3549-0584	
265	94	75	0.13	Silver Lake Terrace 202-202	109 Street	903	R40	Permanent	Town	Conservation	Good	Possible	Public	3549-0584	
266	94	263	0.20	Lakeside Park Lot 26	School Street	903	R40	Permanent	Town	Conservation	Good	Possible	Public	12668-711	
267	94	329	0.18	Lakeside Park 178-182	12 Bell Road/Adjacent	903	R40	Permanent	Town	Conservation	Good	Possible	Public	12668-711	
268	94	339	0.21	Lakeside 72-75	School Street	903	R40	Permanent	Town	Conservation	Good	Possible	Public	N/A	
269	94	340	0.84	Lakeside 81-103	Callahan Street	903	R40	Permanent	Town	Conservation	Good	Possible	Public	N/A	
270	94	341	0.04	Nicherson LKSD 104	Callahan Street	903	R40	Permanent	Town	Conservation	Good	Possible	Public	2142-682	
271	94	369	0.26	Oakland C 579-583	Louisiana Road	903	R40	Permanent	Town	Conservation	Good	Possible	Public	N/A	
272	95	1	0.46	Oakland C 705-713	Arkansas Road	903	R40	Permanent	Town	Conservation	Good	Possible	Public	N/A	
273	95	2	0.75	Oakland 775-779 825-830 831	Arkansas Road	903	R40	Permanent	Town	Conservation	Good	Possible	Public	N/A	
274	95	23	0.15	Oakland C 695-697	Arkansas Road	903	R40	Permanent	Town	Conservation	Good	Possible	Public	02218-0566	
275	95	24	0.52	Oakland 674-680 698-700	Arkansas Road	903	R40	Permanent	Town	Conservation	Good	Possible	Public	06100-0053	
276	95	25	0.46	Oakland 669-673 701-704	Arkansas Road	903	R40	Permanent	Town	Conservation	Good	Possible	Public	02526-0703	
277	95	26	0.15	EW Foster 1 Lot 8 71-72	Manley Way	903	R40	Permanent	Town	Conservation	Good	Possible	Public	N/A	
278	95	40	0.95	EW Foster 1 Lot 15, 17-28	Brown Street	903	R40	Permanent	Town	Conservation	Good	Possible	Public	N/A	
279	95	78	0.15	EW Foster 2 Lot 6	Lenox Street	903	R40	Permanent	Town	Conservation	Good	Possible	Public	N/A	
280	95	81	0.08	EW Foster 2 Lot 2	Lenox Street	903	R40	Permanent	Town	Conservation	Good	Possible	Public	N/A	
281	95	130	0.07	EW Foster 2 Lot 15	South Street	903	R40	Permanent	Town	Conservation	Good	Possible	Public	1943-4777	
282	95	133	0.15	Oakland C 783-787	Massachusetts Road	903	R40	Permanent	Town	Conservation	Good	Possible	Public	0634-477	
283	96	23	7.28	River Park Lot A	707 Shawano Street	903	R40	Permanent	Town	Conservation	Good	Possible	Public	06440-0108	
284	97	111	9.55	Ed Concell Plan Lot 9	760 South Street Behind	903	R40	Permanent	Town	Conservation	Good	Possible	Public	2594-130	
285	97	115	0.17	Cons Lot A Mollie Drive	Mollie Drive	903	R40	Permanent	Town	Conservation	Good	Possible	Public	06572-0166	
286	98	48	0.23	Riverview Park 178-179	Wameset Road	903	R40	Permanent	Town	Conservation	Good	Possible	Public	68146-8034	
287	98	68	0.23	Riverview Park 207-210	Shawano Street	903	R40	Permanent	Town	Conservation	Good	Possible	Public	N/A	
288	98	81	0.27	Riverview Park 478-480	Shawano Street	903	R40	Permanent	Town	Conservation	Good	Possible	Public	N/A	
289	98	81	0.11	Riverview Park 648-649	Riverview Avenue	903	R40	Permanent	Town	Conservation	Good	Possible	Public	03514-7652	
290	98	123	0.11	Riverview Park 648-649	Riverview Avenue	903	R40	Permanent	Town	Conservation	Good	Possible	Public	N/A	
291	98	171	0.07	Riverview Park Lot 590	Forest Road	903	R40	Permanent	Town	Conservation	Good	Possible	Public	N/A	

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Map	Block	Acres	Name	Address	Land Use Code	Zoning	Level of Protection	Owner	Manager	Use	Condition	Recreation Potential	Access	Book - Page	
292	100	88	0.28 Off Starr Avenue	Starr Avenue	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	N/A	
293	100	89	0.20 Wayne Road	Wayne Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	N/A	
294	100	90	0.10 Cornwall Street	Cornwall Street	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	N/A	
295	100	91	0.24 Dwyer Street	Dwyer Street	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	N/A	
296	101	135	0.24 Dwyer Street	Dwyer Street	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	N/A	
297	103	33	0.24 Town Lane Park 0015	Town Lane Park 0015	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	8541-106	
298	104	33	2.50 Crosby Swamp Lot 2A	Crosby Swamp Lot 2A	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	9247-0735	
299	105	1	9.20 Land Off Salem Road	Salem Road Off	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	N/A	
300	105	44	0.0643 Pine Plains Plan	Valley Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	07206-0187	
301	106	8	0.06 Pine Plains Plan Lot 101	Montvale Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	20303-89	
302	106	11	0.55 Pine Plains Plan Lots 139-147	Rebecca Lane	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	02104-0384	
303	106	14	0.11 Pine Plains Plan 159-160	Brook Street	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	15394-175	
304	106	17	0.29 Pine Plains Plan Lots 171-175	Water Street	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	01767-0216	
305	106	18	0.34 Pine Plains Plan Lots 150-151 176-179	Water Street	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	02104-0384	
306	106	19	0.18 Pine Plains Plan Lots 180-181	Water Street	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	N/A	
307	106	20	0.11 Pine Plains Plan Lots 497-498	Pinsdale Avenue	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	2142-682	
308	110	95	0.35 Land Off Rockvale Road	Rockvale Road Off	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	02918-0166	
309	110	72	8.16 Perkins Development Plan	South Street	201	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	9435-390	
310	111	35	6.50 Thompson Lot	Whitgate Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	9245-0367	
311	112	5	2.00 Moody Land Shawheen	Shawheen Street	903	HI	Permanent	Town	Town	Conservation	Good	Possible	Public	17015-299	
312	113	3	2.12 Rear of 1628 Shawheen	Shawheen Street Off	903	HI	Permanent	Town	Town	Conservation	Good	Possible	Public	10944-291	
313	113	3	0.55 Off Chit Street	Chit Street Off	903	HI	Permanent	Town	Unknown	Conservation	Good	Possible	Public	N/A	
314	113	36	0.55 Off Chit Street	Chit Street	903	HI	Permanent	Town	Unknown	Conservation	Good	Possible	Public	N/A	
315	83	269	0.20 Howard Street	Howard Street	903	R40	Permanent	Town	Unknown	Conservation	Good	Possible	Public	N/A	
316	80	150	0.20 Howard Street	Howard Street	903	R40	Permanent	Town	Unknown	Conservation	Good	Possible	Public	N/A	
317	90	5	14.50 Point Levitt Land	Point Levitt Street Off	903	R40	Permanent	Town	Phillips Farrington	Conservation	Good	Possible	Public	N/A	
318	61	110	3.00 Elderly Drops-in Center	175 Chandler Street	903	R40	Permanent	Town	COA	Conservation	Good	Possible	Public	02349-0045	
319	31	16	3.00 Pond Street	120 Pond Street	903	R40	Permanent	Town	Ex. Title	Conservation	Good	Possible	Public	N/A	
320	3	22	1.20 Melrose Avenue	Melrose Avenue	903	R40	Permanent	Town	Ex. Title	Conservation	Good	Possible	Public	N/A	
321	3	24	0.46 Quimby Plan 817-824	Kerwood Street/Melrose Avenue	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	8561-219	
322	4	15	0.06 Quimby Plan 324	Lowell Street	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	07738-0120	
323	4	30	0.11 Quimby Plan 439440	Lowell Street	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	N/A	
324	30	8	0.16 Wilbur LKSD 427-428	Carver Street	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	N/A	
325	30	13	0.21 Wilbur LKSD 420-422	Carver Street	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	N/A	
326	30	15	0.11 Wilbur LKSD 425-426	Carver Street	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	02104-0384	
327	30	16	0.17 Wilbur LKSD 113-114	Pond Street	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	03092-0314	
328	30	18	0.17 SD PK Ames 59-61	Pond Street	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	20372-170	
329	48	74	0.07 Fairton Lot 89	Washington Street	903	HI	Permanent	Town	Town	Conservation	Good	Possible	Public	20372-170	
330	48	76	0.04 Fairton Lot 86	Washington Street	903	HI	Permanent	Town	Town	Conservation	Good	Possible	Public	20372-170	
331	81	45	0.05 Oakland C Lot 211	Georgia Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	11372-134	
332	81	45	0.26 Oakland C Lot 212	Front Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	N/A	
333	81	127	0.34 Oakland C Lot 213-217-78	Front Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	N/A	
334	81	129	0.10 Oakland C 37 & 80	Carolina Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	N/A	
335	81	133	0.10 Oakland C 35 & 82	Carolina Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	N/A	
336	58	166	0.10 Lindquist Drive	Carolina Road	903	R40	Permanent	Town	Unknown	Conservation	Good	Possible	Public	N/A	
337	70	219	0.05 Edith Drive	South Oliver Street	903	R40	Permanent	Town	Unknown	Conservation	Good	Possible	Public	947-2710	
338	44	125	0.24 Walnut Grove Gardens 4	Boisvert Road	903	R40	Permanent	Town	Foster Herbert	Conservation	Good	Possible	Public	02267-0745	
339	44	137	0.10 Grasshopper Lane	Grasshopper Lane	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	06177-0175	
340	45	136	1.20 Zita Small Plan Lot C	85 Pine Street	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	7330-107	
341	44	138	0.19 Herlock Road	Boisvert Road	903	R40	Permanent	Town	Unknown	Conservation	Good	Possible	Public	N/A	
342	48	92	6.00 Mace Swamp Lot	Woodland Drive	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	13305-94	
343	46	60	0.08 Chandler Park 157	Helveth Street	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	N/A	
344	47	156	0.10 Newton Avenue	Newton Avenue	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	02469-0458	
345	49	15	0.04 Fairton Lot 286	Hillman Street	903	HI	Permanent	Town	Town	Conservation	Good	Possible	Public	20372-117	
346	45	129	0.17 Arthur Road	6 Grasshopper Lane/Adjacent	903	R40	Permanent	Town	Unknown	Conservation	Good	Possible	Public	N/A	
347	98	26	0.35 Riverview Park 263-268	Brookfield Road	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	N/A	
348	10	10	1.30 Land Off Axle Street	296 Axle Street/Adjacent	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	06100-0052	
349	33	28	0.37 Land Off Mainland Street	Mainland Street	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	06100-0052	
350	5	15	2.20 Shawheen Village Part 1 Lot 2	Capitol Avenue	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	02469-0458	
351	68	15	1.27 Shawheen Village Part 1 Lot 3	Capitol Avenue	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	8393-126	
352	37	5	1.27 Shawheen Village Part 1 Lot 4	Capitol Avenue	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	8393-126	
353	37	10	2.33 166 Meadow Drive Behind	160 Green Meadow Drive Behind	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	03868-0032	
354	39	20	0.49 Anwoyer Street - Flurrings	1503 Anwoyer Street	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	12712-43	
355	8	17	10.64 Off Rogers Street	Off Rogers Street	903	R40	Permanent	Town	Town	Building	Good	Possible	Public	04184-0245	
356	61	73	1.78 Farmer Lot	Lee Street	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	02585-0634	
357	63	10	0.85 Acyone Plan	Kendall Street	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	02242-0617	
358	63	10	0.85 Acyone Plan	Kendall Street	903	R40	Permanent	Town	Town	Conservation	Good	Possible	Public	02242-0617	
359	47	90	6.69 Municipal	935 Main Street	903	COM	Permanent	Town	Town	Municipal	Good	Possible	Public	1553	
360	47	90	1.06 Town Hall	1009 Main Street	903	COM	Permanent	Town	Town	Municipal	Good	Possible	Public	1191-207	
361	95	99	3.28 Municipal	2-3-2 Main Street	903	COM	Permanent	Town	Town	Municipal	Good	Possible	Public	N/A	
362	82	23	Fire House	North Street	903	R40	Permanent	Town	Town	Municipal	Good	Possible	Public	N/A	
363	58	86	5.79 Foster Road Highwa Depl.	100 Colonial Drive	903	R40	Permanent	Town	Town	Water Storage Lot	Good	Possible	Public	1113-342	
364	52	23	1.00 Municipal	830 North Street	903	MUN	Permanent	Town	Town	Municipal	Good	Possible	Public	2144-303	
365	60	128	4.11 300 Chandler Street	300 Chandler Street	903	R40	Permanent	Town	Library	Municipal	Good	Possible	Public	8453-150	
365	64	131	0.22 Kendall Street Cemetery	Kendall Street	903	R40	Permanent	Town	Town	Cemetery	Good	None	Public	N/A	

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Map	Block	Acres	Name	Address	Land Use Code	Zoning	Level of Protection	Owner	Manager	Use	Condition	Recreation Potential	Access	Book - Page	
3															
366	84	47	2.00 Main & Shawheen Streets Cemetery	Main Street & Shawheen Street	903	HI	Permanent	Town	Town	Cemetery	Good	None	Public	N/A	
367	63	48	0.38 East Street Cemetery	East Street	903	R40	Permanent	Town	Town	Cemetery	Good	None	Public	N/A	
368	22	1	3.60 Astle Street Water Tank	30 Water Tower Road	903	R40	Permanent	Town	Conservation	Water Storage	Tal Good	Possible	Public	01743-0046	
369															
370															
371															
372															
LIMITED PROTECTION OR UNPROTECTED LANDS:															
373															
374															
375															
376	11	2	0.35 Meadowbrook Association	Main Street	901	HI	Unknown	State	Community Teamwork, Inc.	State	Good	Possible	N/A	07442-0123	
377	22	16	0.23 Main Street/Astle Street	Old Main Street	901	COM	Unknown	State	MB.T.A.	State	Good	Possible	N/A	02226-0326	
378	22	80	2.66 Wamsutt Land	Colab Road	901	HI	Unknown	State		DPHI	Good	Possible	N/A		
379	31	15	9.50 Pond Street Pumping Station	Pond Street	913	R40	Unknown	State	DPH	DPH	Good	Possible	N/A		
380	61	57	6.50 N.S.D. Chandler Street	175 Chandler Street/Adjacent	913	R40	Unknown	State	DPH	DPH	Good	Possible	N/A		
381	62	29	6.75 North Street	N.S.D. North Street	913	R40	Unknown	State	DPH	DPH	Good	Possible	N/A		
382	71	2	206.08 W.S.D. Livingston Street	365 W.S.D. Livingston Street	913	R40	Unknown	State	DPH	DPH	Good	Possible	N/A		
383	77	16	5.00 Keller Lot	Pinnacle Street	913	R40	Unknown	State	DPH	DPH	Good	Possible	N/A		
384	77	19	11.00 E.S.D. Pinnacle & Livingston	Pinnacle Street	901	R40	Unknown	State	State	State	Good	Possible	N/A		
385			291.32												
386															
387															
388	39	17	20.38 Deering School	1475 Andover Street	903	R40	Limited	Town	Schools	Active	Good	Active	Public	N/A	
389	46	32	55.49 Tewksbury High School	320 Pleasant Street	903	MN	Limited	Town	Schools	Active	Good	Active	Public	N/A	
390	47	40	25.00 Center School	139 Pleasant Street	903	MN	Limited	Town	Schools	Active	Good	Active	Public	N/A	
391	47	76	1.37 Ryan School	135 Pleasant Street	903	MN	Limited	Town	Schools	Active	Good	Active	Public	11104-132	
392	62	11	17.00 North Street School	133 North Street	903	MN	Limited	Town	Schools	Active	Good	Active	Public	1214-15	
393	70	195	18.60 Heath Brook School	199 Shawheen Street	903	MN	Limited	Town	Schools	Active	Good	Active	Public	1553-317	
394	73	19	21.82 Tewksbury Middle School	90 Victor Drive	903	MN	Limited	Town	Schools	Active	Good	Active	Public	N/A	
395	96	110	6.50 Truman School	30 Salem Road	903	MN	Limited	Town	DPW	Water	Good	Possible	Public	N/A	
396	65	32	1.75 Ames Hill Water Dept.	134 Cavanaugh Road	903	R40	Limited	Town	Unknown	Conservation	Good	Possible	Public	02519-0627	
397	83	26	4.30 Land Off Arlington Street	65 Arlington Street/Behind	903	R40	Limited	Town	Unknown	Conservation	Good	Possible	Public	203788	
398	92	33	18.25 Off Kendall Road Gravel pit	40 Bonnie Lane/Behind	903	R40	Limited	Town	DPW	Conservation	Good	Possible	Public	N/A	
399	87	40	79.00 Poplar Road Water Dept.	62 Catehon Road	903	HI	Limited	Town	DPW	Conservation	Good	Possible	Public	N/A	
400	88	33	0.10 Off Riverbank Terrace	Riverbank Terrace Off	903	R40	Limited	Town	Town	Conservation	Good	Possible	Public	N/A	
401	88	72	0.10 Off Riverbank Terrace	Riverbank Terrace	903	R40	Limited	Town	Town	Conservation	Good	Possible	Public	N/A	
402	88	75	0.11 Off Riverbank Terrace	Riverbank Terrace Off	903	R40	Limited	Town	Unknown	Conservation	Good	Possible	Public	N/A	
403	78	37	16.00 Land Off Kendall Road	Marcella Road Off	903	R40	Limited	Town	Unknown	Conservation	Good	Possible	Public	N/A	
404	91	9	5.51 L&B Blacksmith Village	54 Healer RV/Behind	903	P	Limited	Town	Town	Conservation	Good	Possible	Public	N/A	
405	43	84	118.11 Off Whipple Road/Water Tank	900 Chandler Street	903	R40	Limited	Town	DPW	Conservation	Good	Possible	Public	N/A	
406			409.42												
407															
408															
409															
410															
411															
412	109	58	11.50 Off South Street	South Street	719	R40	Limited	Private	Chapter 61A	Agriculture	Good	Possible	Private	02525-0044	
413	109	69	6.10 South Street B&M Railroad	South Street	718	R40	Limited	Private	Chapter 61A	Agriculture	Good	Possible	Private	04406-0203	
414	109	75	11.50 Rounsavell Plan	South Street	719	R40	Limited	Private	Chapter 61A	Agriculture	Good	Possible	Private	02525-0044	
415			29.10												
416															
417															
418	15	7	54.00 Roman Catholic Archbishop	90 River Road	906	R40	Limited	Private	Roman Catholic Archbishop	Cemetery	Good	None	Pub. - Private	N/A	
419	15	13	52.32 Roman Catholic Archbishop	River Road/Adjacent	906	R40	Limited	Private	Roman Catholic Archbishop	Cemetery	Good	None	Pub. - Private	N/A	
420	61	52	0.23 Tewksbury Cemetery Corp.	East Street	920	R40	Limited	Private	Non-profit	Cemetery	Good	None	Pub. - Private	N/A	
421	61	104	10.00 Tewksbury Cemetery Corp.	East Street	920	R40	Limited	Private	Non-profit	Cemetery	Good	None	Pub. - Private	N/A	
422			116.55												
423															
424															
425	3	80	1.02 Jean Carr Plan Lot 2	North Billerica Road	201	R40	Unknown	Private	Norman Boardman	Vacant Land	Good	Possible	Private	31877-8313	
426	4	51	28.45 Osceola Parcel 1	North Billerica Road	201	R40	Unknown	Private	Allan Osceola	Vacant Land	Good	Possible	Private	2198-588	
427	6	1	5.00 S. North Billerica Road	North Billerica Road	201	HI	Unknown	Private	Carl Pace	Vacant Land	Good	Possible	Private	02733-0303	
428	19	25	15.98 Abart Plan Lot 2	Whipple Road	201	R40	Unknown	Private	Joe Abart	Vacant Land	Good	Possible	Private	2022-688	
429	24	1	12.52 Clark Road	Trull Road Off	201	HI	Unknown	Private	Phao Gierres	Vacant Land	Good	Possible	Private	7530-114	
430	31	7	0.14 Pond Street Parcel 3	Pond Street	201	R40	Unknown	Private	Steven Boldac	Vacant Land	Good	Possible	Private	9741-107	
431	37	2	1.21 Off Andover Street	Andover Street Off	201	HI	Unknown	Private	James Tavares	Vacant Land	Good	Possible	Private	33973-9621	
432	60	52	0.42 Scramo Plan Lot 34	Michael Road	201	R40	Unknown	Private	Orchard Street Development	Vacant Land	Good	Possible	Private	35306-3283	
433	65	82	0.44 Kendall Plan Lot 316	Overlook Drive	201	R40	Unknown	Private	Ames Hill Development Corp.	Vacant Land	Good	Possible	Private	37613-191	
434	68	1	0.02 Shawheen Pt 37	Papkas Road Off	201	R40	Unknown	Private	Leon & Eric Wiedolya	Vacant Land	Good	Possible	Private	04829-0121	
435	68	3	0.06 Shawheen River Pt 30-34	Papkas Road Off	201	R40	Unknown	Private	Ed McInnis	Vacant Land	Good	Possible	Private	10178-173	
436	68	4	0.07 Shawheen River Pt 24-29	Papkas Road Off	201	R40	Unknown	Private	Nicholas & Am Romano	Vacant Land	Good	Possible	Private	2002-663	
437	68	5	0.03 Shawheen 21-23	Heath Street	201	R40	Unknown	Private	Nicholas & Am Romano	Vacant Land	Good	Possible	Private	01708-0012	

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Map	Block	Acres	Name	Address	Land Use Code	Zoning	Level of Protection	Owner	Manager	Use	Condition	Recreation Potential	Access	Book - Page	
433	68	113	0.08 Shawhoben Pt 11-15	Papiks Road/Off	201	R40	Unknown	Private	Robert Dorost	Vacant Land	Good	Possible	Private	16471-66	
434	68	114	0.01 Shawhoben Pt 5-8	Canon Road/Off	201	R40	Unknown	Private	Shaw Water Env. Act Team	Vacant Land	Good	Possible	Private	95159-0210	
435	68	115	0.86 Oakland A Lot 1-5	Canon Road	201	R40	Unknown	Private	N/A	Vacant Land	Good	Possible	Private	95159-0210	
436	68	116	0.13 Shawhoben Pt 6-20	Canon Street	201	R40	Unknown	Private	Vito Vas.	Vacant Land	Good	Possible	Private	95159-0210	
437	68	117	0.13 Shawhoben Pt 6-20	Canon Street	201	R40	Unknown	Private	Kevin Dighe	Vacant Land	Good	Possible	Private	95159-0210	
438	69	158	0.40 Off Multiple Road	Off Multiple Drive	201	R40	Unknown	Private	Ed & Jill Fishery	Vacant Land	Good	Possible	Private	18324-231	
439	69	159	0.05 Kendall Reates Lot 520	Cardigan Road	201	R40	Unknown	Private	Ames Hill Development Corp.	Vacant Land	Good	Possible	Private	97533-7979	
440	81	9	0.10 Oakland B Plan 13 & 14	Oak Street	201	R40	Unknown	Private	Pratt Homes Dev. Corp.	Vacant Land	Good	Possible	Private	66821-0249	
441	81	58	0.26 Oakland B Plan Lot A 346-350	130 Florida Road	201	R40	Unknown	Private	Marc Ginsburg	Vacant Land	Good	Possible	Private	05487-0150	
442	81	128	0.10 Oakland C Plan 38 - 79	Carolina Road	201	R40	Unknown	Private	Armando DeCarolis	Vacant Land	Good	Possible	Private	2061-293	
443	81	130	0.10 Oakland C Plan 80-81	Carolina Road	201	R40	Unknown	Private	Stee Decarolis	Vacant Land	Good	Possible	Private	03038-0075	
444	81	132	0.15 Oakland D Plan 83-84	Carolina Road	201	R40	Unknown	Private	Carina Amastos	Vacant Land	Good	Possible	Private	00435-0277	
445	81	168	0.15 Oakland D Plan 104-1043	Connecticut Road	201	R40	Unknown	Private	Leisa Ginsburg	Vacant Land	Good	Possible	Private	6283-320	
446	81	176	0.05 Oakland D Plan Lot 1153	New York Road	201	R40	Unknown	Private	Marc Ginsburg	Vacant Land	Good	Possible	Private	11200-329	
447	81	181	0.10 Oakland D Plan 1126-1127	New York Road	201	R40	Unknown	Private	Leisa Ginsburg	Vacant Land	Good	Possible	Private	06884-0236	
448	81	196	0.09 Oakland D Plan PT 01201	New Jersey Road	201	R40	Unknown	Private	Alisa Kallian	Vacant Land	Good	Possible	Private	94F 1038E	
449	81	197	0.05 Oakland D Plan 1200	New Jersey Road	201	R40	Unknown	Private	Leisa Ginsburg	Vacant Land	Good	Possible	Private	7218-342	
450	81	199	0.10 Oakland B Plan 446-447	Florida Road	201	R40	Unknown	Private	Creators by the Sea, LLC.	Vacant Land	Good	Possible	Private	22151-232	
451	81	201	0.10 Oakland C Plan 0035-34	Maryland Road	201	R40	Unknown	Private	George Amastos	Vacant Land	Good	Possible	Private	00435-0278	
452	81	203	0.07 Oakland D Plan 1154	Russell Street	201	R40	Unknown	Private	Armando DeCarolis	Vacant Land	Good	Possible	Private	2061-293	
453	82	10	0.05 Oakland A Plan Lot 189	Brown Street	201	R40	Unknown	Private	Francis Coroon	Vacant Land	Good	Possible	Private	18236-210	
454	82	154	0.05 Foster B Plan 661	Brown Street	201	R40	Unknown	Private	Chris Lepold	Vacant Land	Good	Possible	Private	90716-487	
455	82	154	0.05 Foster B Plan 661	Brown Street	201	R40	Unknown	Private	Chris Lepold	Vacant Land	Good	Possible	Private	90716-487	
456	82	159	0.05 Oakland B Plan 663	Russell Street	201	R40	Unknown	Private	Armando DeCarolis	Vacant Land	Good	Possible	Private	2061-293	
457	82	260	0.05 Oakland C Plan 636	Louisiana Road	201	R40	Unknown	Private	Creators by the Sea, LLC.	Vacant Land	Good	Possible	Private	2151-229	
458	83	70	9.40 Land Off Young Street	Young Street	201	R40	Unknown	Private	Holly Sunshine	Vacant Land	Good	Possible	Private	9121-100	
459	85	92	0.11 291 Riverside	Algonquin Drive	201	R40	Unknown	Private	ERD SR Reversible Trust	Vacant Land	Good	Possible	Private	55356-4912	
460	87	2	19.47 French-Clark Widow	Mitchell G Drive/Off	201	R40	Unknown	Private	Marcel Ginsburg	Vacant Land	Good	Possible	Private	7932-268	
461	89	13	2.27 BKM Land Off East Street	East Street	201	HI	Unknown	Private	Michael Poston	Vacant Land	Good	Possible	Private	8823-277	
462	93	36	0.09 1A Parker Avenue	64 Parker Avenue Behind	201	R40	Unknown	Private	Ed Cunto	Vacant Land	Good	Possible	Private	11352-215	
463	94	25	0.05 Oakland C Plan 461 & 462	South Street	201	R40	Unknown	Private	N/A	Vacant Land	Good	Possible	Private	01468-0527	
464	94	147	0.07 Lake View Park 577 & 578	Water Street	201	R40	Unknown	Private	N/A	Vacant Land	Good	Possible	Private	02176-0283	
465	94	154	0.04 JP Pylon 29	South Street	201	R40	Unknown	Private	N/A	Vacant Land	Good	Possible	Private	10668-59	
466	94	158	0.07 Lakesview Park 616 & 617	Water Street	201	R40	Unknown	Private	N/A	Vacant Land	Good	Possible	Private	1578-309	
467	94	190	0.08 Silver Lake Ter. 268 & 269	Maplewood Avenue	201	R40	Unknown	Private	N/A	Vacant Land	Good	Possible	Private	2061-299	
468	94	253	0.07 Silver Lake 134 & 135	Central Street	201	R40	Unknown	Private	N/A	Vacant Land	Good	Possible	Private	2124-547	
469	94	279	0.07 Silver Park 86 & 87	32 Water Street/Behind	201	R40	Unknown	Private	N/A	Vacant Land	Good	Possible	Private	37072-9903	
470	94	282	0.22 Shigute Farm Silver Lake	60 Franklin Road	201	R40	Unknown	Private	N/A	Vacant Land	Good	Possible	Private	8409-27	
471	94	357	0.11 Besson LK 106 & 109	Jim Street	201	R40	Unknown	Private	N/A	Vacant Land	Good	Possible	Private	8949-285	
472	94	357	0.11 Besson LK 106 & 109	Jim Street	201	R40	Unknown	Private	N/A	Vacant Land	Good	Possible	Private	8949-285	
473	94	348	0.10 Oakland C Plan 384 & 385	Longleaf	201	R40	Unknown	Private	N/A	Vacant Land	Good	Possible	Private	02159-0112	
474	95	80	0.01 Foster 2	Louis Street	201	R40	Unknown	Private	N/A	Vacant Land	Good	Possible	Private	2061-293	
475	98	8	1.00 Riverside Pt 667	Bridge Street	201	R40	Unknown	Private	N/A	Vacant Land	Good	Possible	Private	8627-447	
476	98	27	1.49 Riverside Pt 436677 & 681	Shawhosen Street	201	R40	Unknown	Private	Decanalis Construction	Vacant Land	Good	Possible	Private	53330-0396	
477	98	132	0.14 Riverside Lot 683	41 Bridge Street/Behind	132	R40	Unknown	Private	Jayne Reed	Vacant Land	Good	Possible	Private	19487-2315	
478	98	136	0.50 Riverside Plan 00684	Rivendale Avenue/Off	132	R40	Unknown	Private	N/A	Vacant Land	Good	Possible	Private	37327-189	
479	98	234	4.80 Mamed Dasha Plan Lot 2	30 Bridge Street	201	R40	Unknown	Private	N/A	Vacant Land	Good	Possible	Private	02845-0322	
480	99	73	2.79 100 Shawhosen Street	Shawhosen Street	201	R40	Unknown	Private	N/A	Vacant Land	Good	Possible	Private	1987-571	
481	99	76	2.50 Swamp Lot 5	Mill Street/Off	201	R40	Unknown	Private	N/A	Vacant Land	Good	Possible	Private	1987-278	
482	99	79	1.50 Rounsell A	Rounsell Road/Off	201	R40	Unknown	Private	N/A	Vacant Land	Good	Possible	Private	01795-0099	
483	99	104	4.00 Bridge Street/Behind	943 Shawhosen Street/Behind	201	R40	Unknown	Private	N/A	Vacant Land	Good	Possible	Private	02686-0458	
484	104	6	4.73 Yvon Commr Plan	14 Kimberley Drive/Adjacent	201	R40	Unknown	Private	N/A	Vacant Land	Good	Possible	Private	02513-0050	
485	108	33	7.33 Brown Lot - South Street	40 Serenity Road/Behind	201	R40	Unknown	Private	N/A	Vacant Land	Good	Possible	Private	PROBATE	
486	108	34	53.00 Spaulding Lot	77 Serenity Road/Behind	201	R40	Unknown	Private	N/A	Vacant Land	Good	Possible	Private	PROBATE	
487	109	76	25.34 Perham Open Space Plan	South Street	201	HI	Unknown	Private	N/A	Vacant Land	Good	Possible	Private	12571-142	
488	111	56	4.00 Morgan Land	Whingeat Road	201	R40	Unknown	Private	N/A	Vacant Land	Good	Possible	Private	8633-147	
489	111	57	7.25 Summers Meadow	Bradford Street	201	R40	Unknown	Private	N/A	Vacant Land	Good	Possible	Private	8633-147	
490	111	37	17.60 Land Off South Street	South Street/Off	201	R40	Unknown	Private	N/A	Vacant Land	Good	Possible	Private	15371-142	
491	114	2	11.76 Land Off South Street	South Street/Land	201	R40	Unknown	Private	N/A	Vacant Land	Good	Possible	Private	21222-103	
492	115	2	0.10 Oakland Park PT 416-421	165 Florida Road	201	R40	Unknown	Private	N/A	Vacant Land	Good	Possible	Private	93771-286	
493	81	284	0.25 Sturdy Acres Lot D1	1 Mitchell G Drive	201	R40	Unknown	Private	N/A	Vacant Land	Good	Possible	Private	7932-268	
494	86	57	0.53 Eagle Point Dev. Lot 7	Blitchwood Road/Rear	201	R40	Unknown	Private	N/A	Vacant Land	Good	Possible	Private	12324-306	
495	114	1	31.84 South Street/Off	South Street/Off	131	R40	Unknown	Private	N/A	Vacant Land	Good	Possible	Private	Potentially Developable	
496	10	70	9.90 Off Main Street	Main Street/Off	390	HI	Unknown	Private	N/A	Vacant Land	Good	Possible	Private	8688-288	
497	13	6	3.65 Home Lot	Country Club Drive	201	HI	Unknown	Private	N/A	Vacant Land	Good	Possible	Private	13626-079	
498	13	7	10.20 Hunt Lot	Country Club Drive	201	HI	Unknown	Private	N/A	Vacant Land	Good	Possible	Private	9580-174	
499	24	39	5.34 Clark National Behind	534 Clark National Behind	201	HI	Unknown	Private	N/A	Vacant Land	Good	Possible	Private	2076-383	
500	36	2	33.00 Summers Land Plan	Marion Drive/Behind	201	HI	Unknown	Private	N/A	Vacant Land	Good	Possible	Private	N/A	
501	50	1	13.70 Great Meadow	Marion Drive/Off	201	HI	Unknown	Private	N/A	Vacant Land	Good	Possible	Private	N/A	
502	50	3	23.00 McComack Lot	23 Marion Drive/Behind	201	HI	Unknown	Private	N/A	Vacant Land	Good	Possible	Private	N/A	
503	50	4	20.00 Watson Plan Lot 19	Marion Drive/Off	201	HI	Unknown	Private	N/A	Vacant Land	Good	Possible	Private	2076-386	
504	50	4	26.95 Belate Livingston	228 Lanester Drive/Behind	201	HI	Unknown	Private	N/A	Vacant Land	Good	Possible	Private	N/A	

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Map	Block	Acres	Name	Address	Land Use Code	Zoning	Level of Protection	Owner	Manager	Use	Condition	Recreation Potential	Access	Book - Page	
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513	90	4	6.00 Lewis Land	Pinnacle Street/Off	201	H1	Unknown	Private	N/A	Vacant Land	Good	Possible	Private	N/A	
514	95	101	2.41 Livingston Place Lot 1	2446 Main Street	201	COM	Unknown	Private	N/A	Vacant Land	Good	Possible	Private	16667-290	
515	102	201	2.50 Livingston Place Lot 2	2350 Main Street	201	COM	Unknown	Private	N/A	Vacant Land	Good	Possible	Private	16667-290	
516	95	102	2.01 Livingston Place Lot 3	2446 Main Street	201	COM	Unknown	Private	N/A	Vacant Land	Good	Possible	Private	16667-290	
517	108	201	2.41 Livingston Place Lot 5	2440 Main Street	201	COM	Unknown	Private	N/A	Vacant Land	Good	Possible	Private	24181-181	
518	106	201	2.41 Livingston Place Lot 6	2430 Main Street	201	COM	Unknown	Private	N/A	Vacant Land	Good	Possible	Private	24181-181	
519	107	201	2.41 Livingston Place Lot 7	2430 Main Street	201	COM	Unknown	Private	N/A	Vacant Land	Good	Possible	Private	24181-181	
520	113	16	6.42 Young Corners Plan	East Street	201	HI	Unknown	Private	Exempt	Recreation	Good	Possible	Private	02513-0025	
521	76	32	8.65 Teakshury Rod and Gun Club Inc.	Livingston Street/Off	906	R40	Unknown	Private	Exempt	Recreation	Good	Possible	Private	01454-0179	
522	76	33	15.70 Teakshury Rod and Gun Club Inc.	79 Chandler Street/Off	906	R40	Unknown	Private	Exempt	Recreation	Good	Possible	Private	01454-0179	
523	98	198	2.31 Perkins Development Plan Parcel A	South Street	905	R40	Unknown	Private	Exempt	Recreation	Good	Possible	Private	1922-651	
524	109	91	1.12 Perkins Development Plan Parcel A	41 James Way	132	R40	Unknown	Private	Perkins Dev. Trust	Undevelopable	Good	Possible	Private	12571-1442	
525	110	108	1.12 Perkins Development Plan Parcel D	30 James Way	132	R40	Unknown	Private	Perkins Dev. Trust	Undevelopable	Good	Possible	Private	5904-340	
526	115	12	1.47 Perkins Development Plan Parcel E	147 James Way	132	R40	Unknown	Private	Perkins Dev. Trust	Undevelopable	Good	Possible	Private	5904-340	
527	116	13	3.61 Perkins Development Plan Parcel C	71 James Way	132	R40	Unknown	Private	Perkins Dev. Trust	Undevelopable	Good	Possible	Private	5904-340	
528	109	7	1.11 Perkins Development Plan Parcel B	James Way/Behind	201	R40	Unknown	Private	Perkins Dev. Trust	Undevelopable	Good	Possible	Private	1160-124	
529	109	7	3.61 Perkins Development Plan Parcel B	Regina S Drive	201	R40	Unknown	Private	N/A	Vacant Land	Good	Possible	Private	06813-0097	
530	111	11	1.01 Sutton Meadow Plan Parcel A	Regina S Drive	201	R40	Unknown	Private	N/A	Vacant Land	Good	Possible	Private	05161-0203	
531	34	90	0.81 Wamsut Village Plan Parcel A	Seor Way	201	R40	Unknown	Private	N/A	Vacant Land	Good	Possible	Private	10867-209	
532	34	102	1.92 Wamsut Village Plan Parcel B	Seor Way	201	R40	Unknown	Private	N/A	Vacant Land	Good	Possible	Private	10867-209	
533	34	37	5.50 Golen Land	Main Street	390	COM	Unknown	Private	N/A	Vacant Land	Good	Possible	Private	N/A	
534	34	45	1.20 MC Coy Land	Main Street	390	COM	Unknown	Private	N/A	Vacant Land	Good	Possible	Private	N/A	
535	34	45	0.68 McLeod PK PT Lot	Harris Court	201	R40	Unknown	Private	N/A	Vacant Land	Good	Possible	Private	262-153	
536	82	213	0.68 McLeod PK PT Lot	Georgian Street	201	R40	Unknown	Private	N/A	Vacant Land	Good	Possible	Private	262-153	
537	82	154	0.05 Oakland B Plan 506-602	Wisconsin Road	201	R40	Unknown	Private	Micha MacQuarrie	Vacant Land	Good	Possible	Private	1082-389	
538	82	164	0.10 Oakland A Plan 506-607	Wisconsin Road	201	R40	Unknown	Private	New England Associates	Vacant Land	Good	Possible	Private	1082-384	
539	83	96	0.14 WJ McGean Plan 259-260	Tenth Street/Off	201	R40	Unknown	Private	Cumley Family Realty Trust	Vacant Land	Good	Possible	Private	0924-236	
540	86	59	0.01 Lessa G Drive	Tenth Street/Off	201	R40	Unknown	Private	Marc Ginsburg	Vacant Land	Good	Possible	Private	06406-0234	
541	45	133	0.16 Zim Small Plan Lot D	99 Pine Street/Behind	201	R40	Unknown	Private	Betsy Greco	Vacant Land	Good	Possible	Private	06026-0014	
542	45	134	0.50 Zim Small Plan Lot E	Pine Street	201	R40	Unknown	Private	Betsy Greco	Vacant Land	Good	Possible	Private	06026-0014	
543	58	167	0.10 Hazelwood Avenue	Starbird Avenue	201	R40	Unknown	Private	Arthur Boisvert	Vacant Land	Good	Possible	Private	947-101	
544	58	168	0.10 Hazelwood Avenue	Starbird Avenue	201	R40	Unknown	Private	Arthur Boisvert	Vacant Land	Good	Possible	Private	947-101	
545	55	1	2.23 Scammell Plan Lot 6	Oxford Road	201	R40	Unknown	Private	Ken Olson	Vacant Land	Good	Possible	Private	2226-226	
546	55	16	0.22 Scammell Plan Lot 3	Oxford Road	201	R40	Unknown	Private	Alazar Mengistab	Vacant Land	Good	Possible	Private	04537-0314	
547	55	17	0.31 Scammell Plan Lot 4	Oxford Road	201	R40	Unknown	Private	Christopher Aprile	Vacant Land	Good	Possible	Private	17385-25	
548	55	18	0.29 Scammell Plan Lot 5	Oxford Road	201	R40	Unknown	Private	Raymond Zeller	Vacant Land	Good	Possible	Private	03759-0126	
549	98	119	1.91 Riverview PT 668 & 667	South Street	132	R40	Unknown	Private	Decarolis Construction	Vacant Land	Good	Possible	Private	53139-0396	
550	98	178	1.00 Riverview PT 667	South Street	201	R40	Unknown	Private	Decarolis Construction	Vacant Land	Good	Possible	Private	53139-0396	
551	68	28	0.25 Oakland Park PT 12-24	Pono Rice Road	201	R40	Unknown	Private	N/A	Vacant Land	Good	Possible	Private	1624-287	
552	81	156	0.27 Maryland Road	Maryland Road	130	R40	Unknown	Private	N/A	Vacant Land	Good	Possible	Private	04900-255	
553	12	38	0.37 Sutton Plan Lot A	180 Rogers Street/Behind	201	H40	Unknown	Private	Edge Point Development	Vacant Land	Good	Possible	Private	1066-303	
554	30	14	0.08 LSSD PK 08-23-424	Clark Street	201	R40	Unknown	Private	Robert Sheld	Vacant Land	Good	Possible	Private	7091-0333	
555	31	14	0.08 LSSD PK 08-23-424	Clark Street	201	R40	Unknown	Private	Robert Sheld	Vacant Land	Good	Possible	Private	06768-0265	
556	61	62	0.89 Campbell Place	4 Campbell C/R Behind	201	R40	Unknown	Private	Elmer Beattie	Vacant Land	Good	Possible	Private	37613-7979	
557	65	81	0.04 Kendall Plan Lot 318	Overlook Drive	201	R40	Unknown	Private	Ames Hill Development Corp.	Vacant Land	Good	Possible	Private	37613-7979	
558	66	11	6.47 Ames Pond	Ames Pond/Behind	201	R40	Unknown	Private	Yvon Cormier Construction	Vacant Land	Good	Possible	Private	33985-9741	
559	68	26	0.05 Oakland PK PT 1-4 Lot A	280 Maryland Street	201	R40	Unknown	Private	Anthony & Nancy Brown	Vacant Land	Good	Possible	Private	12115-028	
560	70	208	0.02 Strang Plan	Edith Drive	201	R40	Unknown	Private	John Reese	Vacant Land	Good	Possible	Private	30127-9904	
561	76	13	12.41 Youngs Plan Lot 2	880 Livingston Street	201	HI	Unknown	Private	Livingston St. Realty Trust	Vacant Land	Good	Possible	Private	21400-153	
562	76	35	1.12 Boume Plan Lot A	Livingston Street	201	HI	Unknown	Private	Leroy & Thelma Bourne	Vacant Land	Good	Possible	Private	1306-247	
563	79	100	0.04 Kendall Realty Lot 314	Kendall Road	201	R40	Unknown	Private	Ames Hill Development Corp.	Vacant Land	Good	Possible	Private	37613-7979	
564	79	101	0.00 Kendall Realty Lot 312	Kendall Road	201	R40	Unknown	Private	Ames Hill Development Corp.	Vacant Land	Good	Possible	Private	37613-7979	
565	115	3	0.08 Land off Route 93	Route 93/Off	201	R40	Unknown	Private	N/A	Vacant Land	Good	Possible	Private	N/A	
566	87	72	1.81 Sandy Acres Lot D3	Mitchell G Drive/Off	201	R40	Unknown	Private	N/A	Vacant Land	Good	Possible	Private	7932-268	
567	60	156	0.33 Scaramo Plan Lot 33	Ochard Street	201	R40	Unknown	Private	N/A	Vacant Land	Good	Possible	Private	34207-2768	
568	68	27	0.01 Maryland Road	Maryland Road	130	R40	Unknown	Private	N/A	Vacant Land	Good	Possible	Private	04900-255	
569	14	4	52.20 Longmeadow Golf Course	935 Andover Street/Adjacent	380	RG	Unknown	Private	N/A	Active	Good	Active	Pub. - Private	715-404	
570	27	12	2.23 Trail Brook Golf Course Lot	170 River Road	380	RG	Unknown	Private	N/A	Active	Good	Active	Pub. - Private	1959-49	
571	47	34	18.54 Trail Brook Golf Course Inc.	170 River Road	380	RG	Unknown	Private	N/A	Active	Good	Active	Pub. - Private	1959-49	
572	47	35	0.41 North Streets	Route 93/Off	201	HI	Unknown	Private	Richard Kelly	Vacant Land	Good	Possible	Private	03862-0399	
573	115	4	0.41 Route 93/Off	Route 93/Off	442	HI	Unknown	Private	Richard Kelly	Vacant Land	Good	Possible	Private	02592-0175	
574	115	4	19.51 Route 93/Off	Route 93/Off	442	HI	Unknown	Private	Richard Kelly	Vacant Land	Good	Possible	Private	02592-0175	
575	115	5	0.36 59 River Road	59 River Road	101	R40	Unknown	Private	N/A	Single Family	Good	Possible	Private	02531-0732	
576	115	6	0.66 56 River Road	56 River Road	105	R40	Unknown	Private	Kevin Sullivan	Single Family	Good	Possible	Private	02537-0184	
577	115	7	3.33 South Street land	South Street land	471	HI	Unknown	Private	Richard Kelly	Vacant Land	Good	Possible	Private	02597-0741	
578	115	8	1.41 Route 93/Beyond	Route 93/Beyond	442	HI	Unknown	Private	Richard Kelly	Vacant Land	Good	Possible	Private	02597-0741	
579	85	45 UB01	1.07 85 Livingston Street	85 Livingston Street	390	COM	Unknown	Private	Towksbury Country Club	Recreation	Good	Possible	Pub. - Private	N/A	
580	85	45 UB02	48.48 Livingston Street/Off	Livingston Street/Off	380	COM	Unknown	Private	Towksbury Country Club	Recreation	Good	Possible	Pub. - Private	N/A	
581	85	45 UB03	2.90 1880 Main Street	1880 Main Street	326	COM	Unknown	Private	Towksbury Country Club	Recreation	Good	Possible	Pub. - Private	N/A	
582	16	1	2.87 Off River Road	River Road/Off	201	R40	Unknown	Private	Tennessee Gas Company	Utilities	Good	Possible	Private	01267-0434	
583	10	71	4.24 85 Main Street/Behind	85 Main Street/Behind	230	COM	Unknown	Private	Mass. Electric Company	Utilities	Good	Possible	Private	01571-0001	
584	91	75	1.00 Mass. Electric Company Lot 3	Heather R/W/Off	201	R40	Unknown	Private	Mass. Electric Company	Utilities	Good	Possible	Private	01571-0001	
585	91	76	0.05 Mass. Electric Company Lot 4	Heather R/W/Off	201	R40	Unknown	Private	Mass. Electric Company	Utilities	Good	Possible	Private	07254-0306	
Total															
810.75															

B. Public Lands with Limited Protection or Unprotected Status

Unprotected lands of conservation and recreation interest include lands that are held as open space or historic parcels, or used as recreation land, but do not have permanent protection. As shown in Table 24 below, there are 27 parcels comprising 700.74 acres that are under public ownership but are not protected from future development. School properties comprise much of this land, with 166.16 acres under the control of the Tewksbury School Department. The Commonwealth of Massachusetts owns 9 parcels comprising 291.32 acres. However, the level of protection is unknown or has not been determined.

Table 24: Unprotected Public Lands within the Town of Tewksbury

Ownership/Protection	Number of Parcels	Total Acreage
Commonwealth of Massachusetts	9	291.32
Town of Tewksbury	18	409.42
Total	27	700.74

C. Private Parcels with Limited Protection or Unprotected Status

As shown in Table 25 on the following page, there are 167 parcels of privately owned lands of conservation and recreation interest with limited or no protection. This is an extraordinary amount of unprotected privately owned parcels within Tewksbury, containing approximately 956.38 acres of land. There are only three (3) parcels totaling 29.10 acres in the Chapter 61A tax abatement programs. Should the landowners decide to sell or develop these parcels, the town will have an opportunity to exercise its right of first refusal, or alternatively, it may elect to assign this right to a non-profit conservation organization or the Commonwealth. A landowner who has property classified in Chapter 61A must notify the chief elected official, as well as the Board of Assessors, Planning Board, Conservation Commission, and State Forester, when all or a portion of land is being sold or converted to a disqualifying use. Only seven (7) parcels or 145.65 acres of privately owned land has limited protection, while 160 parcels or 810.73 acres of land are not protected or the level of protection is unknown.

The Longmeadow Golf Course with 52.20 acres, Trull Brook Golf Course with 128.77 and Tewksbury Country Club with 30.98 are all privately owned, however, they have no protection, according to Assessor records. Additionally, there are an alarming amount of parcels that are privately owned as part of Cluster Developments and Open Space Residential Designs (OSRD) that have not been properly conveyed over to the Town for the purposes of conservation or open space use. In this case the Town should exercise the requirements outlined in Section 7370 of the Zoning Bylaw in order to have the unsubdivided parcels properly conveyed to the Town.

Table 25: Private Parcels with Limited or No Protection

Ownership/Protection	Number of Parcels	Total Acreage
Chapter 61A	3	29.10
Other Private	4	116.55
Private Property	160	810.73
Total	167	956.38

D. Recreation Programs

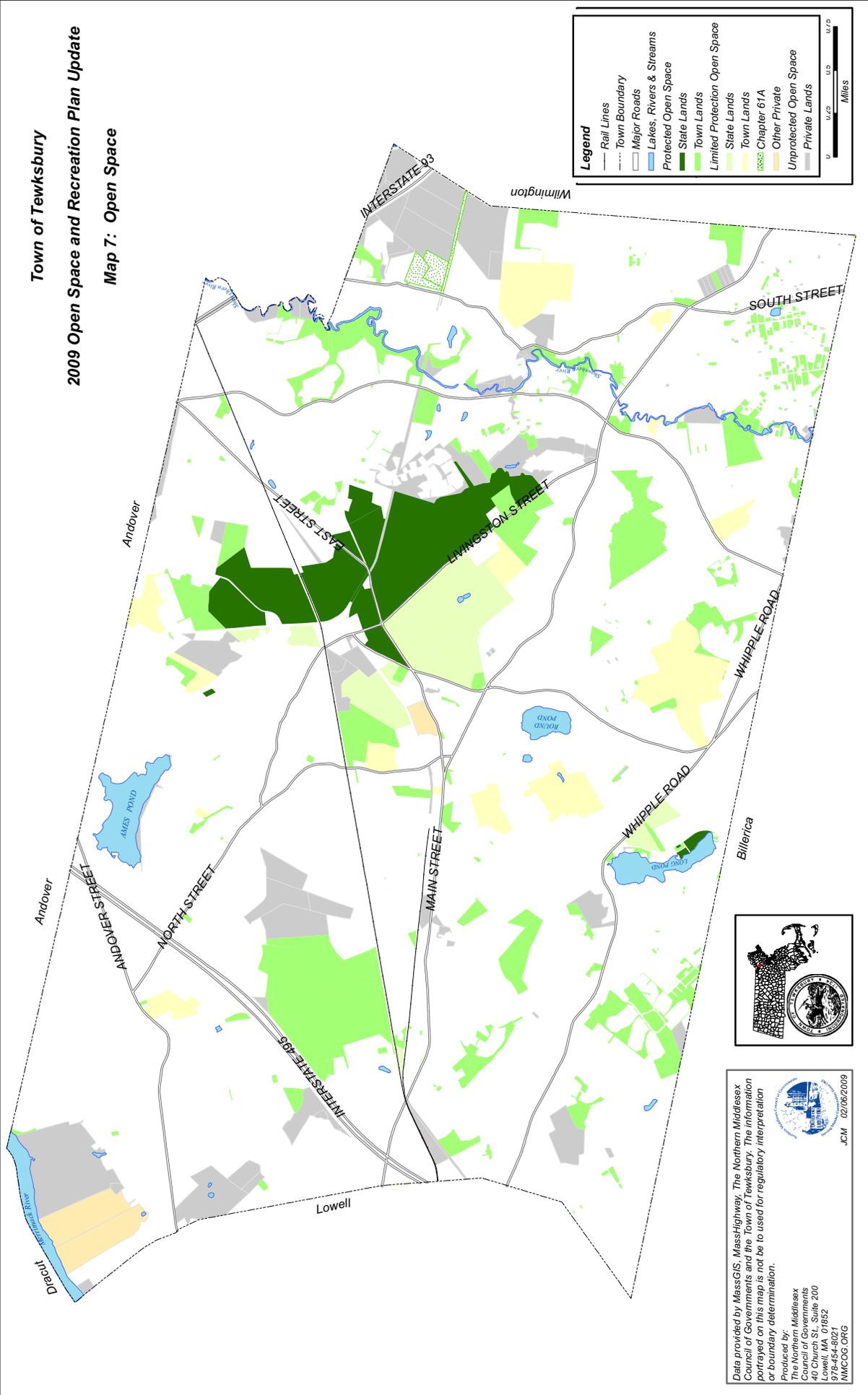
The Tewksbury Recreation Department coordinates the use of the recreational facilities at the town’s parks and schools, provides after-school care for children at the Youth Center, and manages the following three summer programs for children: 1) Livingston Street Program, 2) Preschool Play Pals, and 3) Camp Pohelo. Like many communities, Tewksbury does not sponsor or manage any sports leagues because they are organized and funded by private organizations. The Recreation Department supervises the Livingston Street Recreation Complex, which is maintained by the Parks and Recreation Department. Private sport leagues and the individual schools are responsible for the maintenance of the facilities.

The Parks and Recreation Department also oversees nine (9) public parks encompassing approximately 145.04 acres: Common Street (Town Common), East Street, Foster Park, Livingston Street Park, Melvin Rogers Park, Melrose Avenue, Mechanics Park, Frasca Field and Mahoney Park. Most parks listed above include sports fields. Livingston Street Park is the most popular and includes 35+/- acres of land that offers a variety of uses. Livingston Street Park was recently renovated and accommodates the Youth Center, 12 athletic fields, basketball and tennis courts and a playground for children. Nearly all organized park and recreation activities take place at the Livingston Street and East Street sites. In addition to athletic facilities, the town offers recreational trails at the town’s water supply land and land adjacent to Melvin Rogers Park.

Melvin Rogers Park, Foster Park, Mechanics Park and the Melrose Avenue lot are largely unused as parks and unknown to the general public. Melvin Rogers Park and Foster Park present significant recreation potential. Mahoney Park provides access to Long Pond and small canoe launch area. All nine (9) parks, comprising 145.04 acres, are Town-managed. Seven of the nine parks are owned outright by the Town, and the other two are on long-term lease to the town.

Tewksbury’s eight public schools provide 19 additional athletic fields, tennis and basketball courts and playgrounds. School facilities are intended for interscholastic and intramural athletic events and private sport league events. Table 26 on the following page summarizes the recreation facilities at town parks and schools.

Town of Tewksbury
2009 Open Space and Recreation Plan Update
Map 7: Open Space



Legend

- Rail Lines
- - - Town Boundary
- ▭ Major Roads
- ▭ Lakes, Rivers & Streams
- ▭ Protected Open Space
- ▭ State Lands
- ▭ Limited Protection Open Space
- ▭ State Lands
- ▭ Town Lands
- ▭ Chapter 61A
- ▭ Other Private
- ▭ Unprotected Open Space
- ▭ Private Lands

0 0.25 0.5 1.0 Miles

Data provided by MassGIS, MassHighway, The Northern Middlesex Council of Governments and the Town of Tewksbury. The information portrayed on this map is not to be used for regulatory interpretation or boundary determination.

Produced by:
 The Northern Middlesex Council of Governments
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 Lowell, MA 01852
 978-454-8021
 NIMCOG.ORG

JCM 02/06/2009



Section 6: Community Vision

A. Description of the Process

The *2009 Tewksbury Open Space and Recreation Plan* update has been developed by the Tewksbury Community Preservation Committee, acting as The Open Space and Recreation Committee, with technical assistance from Northern Middlesex Council of Governments. The Committee includes representatives from the Board of Selectmen, Recreation Department, Planning Board, Conservation Commission, Recreation Department, Housing Authority, and the Historic Commission. The Committee met several times throughout the plan development process. These meetings were open to the public and properly posted in accordance with Massachusetts Open Meeting Law.

The public participation process consisted of the following:

- The (2) visioning sessions, conducted on November 29, 2007 and February 4, 2008;
- A general public meeting held on February 9, 2009 to receive comments of the Draft Document;
- A written survey that was distributed to each Tewksbury household as part of the Town's Annual Census;
- Informational postings were available on the town's website; and
- Media coverage via the regional and local newspapers, and local cable television.

B. Statement of Open Space and Recreation Goals

2009 Tewksbury Open Space and Recreation Plan Goals

In developing the 2009 Tewksbury Open Space and Recreation Plan, the Committee has added additional goals to reflect valuable and constructive input received through the public participation process, to include updated information, and to address needs that have been identified since completion of the previous plan.

For the next five (5) years, the goals of the Tewksbury Open Space and Recreation Plan are as follows:

1. Preserve and protect the rivers, brooks, ponds, wetlands, and floodplain in Tewksbury;
2. Preserve and protect the Town's natural resources and outstanding natural features for future generations;
3. Provide accessible, well-balanced recreation opportunities for all Town residents;

4. Ensure adequate maintenance of conservation areas, open spaces and recreation facilities in the interest of protecting the Town's investment and reducing long-term costs;
5. Educate the town's residents regarding the importance of open space and recreation areas to the town's quality of life – encourage enjoyment, use, and stewardship;
6. Preserve important historical and archaeological sites;
7. Enhance and protect the scenic and aesthetic character of the Town;
8. Work with regional, federal and state agencies, and non-profit organizations to develop a trail network linking open spaces within Tewksbury, as well as establishing linkages to other trail facilities located in adjoining communities;
9. Protect the Merrimack River as the Town's water supply; and
10. Promote efforts to preserve and protect open space for conservation, agriculture, and active and passive recreational needs.

Section 7: Analysis of Needs

Throughout the plan development process, many needs were identified as a result of discussions with town departments, from input received during the public meetings and visioning sessions, and through analysis of the written survey. These needs are described and outlined below, and were used as the basis for formulating the goals, objectives and action plan outlined in other sections of this document.

A. Summary of Resource Protection Needs

The Town of Tewksbury contains many natural and cultural resources, and recreational facilities and assets that are at risk from future development and lack of maintenance. Future attention should be paid to protecting areas with agricultural lands, historic properties and resources, steep slopes, forested lands, riverfront areas, water bodies and water resources, wetland resource areas, floodplains, and wildlife habitat. In addition, the management and maintenance needs of the of the town's existing recreational facilities and assets should be addressed.

Tewksbury continues to have some remnants of small town character evident in its remaining farmland, open spaces and historical areas. The public survey identified this rural feeling as a favorite aspect of the town. However, of the 3,048 acres of existing open space, less than half, or 1,387 acres, is fully protected. Another third is semi-protected through ownership by the town or state. The remaining half, 1,661 acres of limited or unprotected open space, is in great jeopardy of being developed over the next decade. Agricultural lands are particularly vulnerable for development because they tend to be cleared, flat land. To date, the lack of sewer service and the prevalence of soils unsuitable for septic systems have slowed development in these areas. However, the recent initiative to expand the sewer system to the entire town may change this rate of build-out.

The analyses of the natural resources revealed other fragile lands at risk of development. They include steep slopes, remaining forested areas, river and waterfront land, wetland buffer areas, floodplains and the one significant aquifer. The town has protected some of these resources through acquisition and zoning. Town forests protect large tracts of second growth vegetation. The town zoning supplements state regulations, regulating development near wetlands and flood plains. However, the majority of the fragile resources are owned privately. As development pressures increase, the cost of developing these areas will be less of a barrier.

Since the Merrimack River is the sole source for the town water supply, protection of the adjacent wetlands and floodplains is a priority. Also, the Shawsheen River Watershed throughout the Town has become a major flooding concern. Because of the extensive development along these rivers, flooding is already a problem due to altered drainage patterns, impermeability of structures and pavements, and siltation. The requested adjustment of the 100-year floodplain would probably extend into already developed areas. The Wetland Protection Act and Rivers Act coupled with the Town's Floodplain

Overlay District and Wetland Protection Bylaw should provide the Town with needed resources to regulate riverfront development patterns in the future.

Access to the rivers and ponds are a priority as identified in both the public survey and the visioning sessions. Only a small percentage of riverfront and pond front land is publicly owned. Trails on private or corporate land provide informal access. Acquisition, conservation restrictions, or access easements could expand these trails for greater public use.

Much of Tewksbury’s open space is isolated and fragmented with few connecting links or corridors. There are still opportunities to acquire or protect lands adjacent to the existing conservation and recreation areas. These corridors, such as abandoned railroads, could provide continuous access for recreational activities and encourage wildlife habitats.

B. Summary of Community Needs

1. Survey Results

A survey was formulated and distributed to every Tewksbury household with the annual Town census form. The survey was also available for downloading through the Town’s website.² Of the 10,253 surveys distributed, 2,686 (26.2%) responses were received and coded. As shown in Table 27 below, responses were received from every Tewksbury neighborhood.

Table 27: Neighborhood Residence of Respondents

Area	# of responses	% of respondents
South Tewksbury	742	26.6
North Tewksbury	685	25.5
Center of Town	444	16.5
West Tewksbury	313	11.7
East Tewksbury	245	9.1

Of those responding, 40.8% have resided in Tewksbury for over twenty years, 37.7% for five to twenty years, and 14.6% have resided in Town for less than five years. Table 28 depicts the age distribution of the respondents. Close to 80% of the respondents were over 45 years of age or older. A trend became apparent during the survey response tabulation on age. In a majority of the surveys returned, there was only one age group circled which may indicate that the person completing the survey only indicated their age and not the age groupings of all household members.

² http://www.tewksbury.info/dcd/Community%20Preservation/Tewksbury_OSRP%20survey1.pdf

Table 28: Age Distribution of Households Responding to the Survey

Response	# of responses	% of respondents
Under 4 years	292	10.9
5 – 11 years	598	22.3
12 – 19 years	481	18.0
20 – 29 years	564	21.0
30 – 44 years	907	33.8
45 – 59 years	1147	42.7
Over 59 years	1001	37.3

Respondents were asked to identify the three landscapes, views, buildings, recreational areas or outdoor experiences, whether public or private, that most symbolized Tewksbury’s unique character. The top three responses were:

- The Town Center (30.6%)
- The State Hospital area (15.1%)
- The Livingston Street Park (7.0%)

Other responses that were mentioned 20 or more times were:

- Library (5.1%)
- Sculptures (4.1%)
- Country Club (2.6%)
- None (1.6%)
- Route 38 (0.7%)

Respondents were asked to identify 17 entities and rank them on frequency of use; with 1 being the most used and 3 being the least used. The top five (5) responses for frequency of use were the Library (21%), Livingston Park area (12.1%), none (5.8%), soccer fields (4.9%), and golf course (4%).

Table 29: Importance of Preservation of Open Space

Facility	Ranking and % of Respondents					
	1	%	2	%	3	%
Soccer fields	134	4.9	88	3.3	79	2.9
Softball fields	39	1.5	48	1.8	39	1.5
Library	564	21	280	10.4	230	8.6
Basketball courts	28	1.0	49	1.8	47	1.8
Town conservation land	55	2.0	87	3.2	92	3.4
Rivers and ponds	64	2.4	105	3.9	102	3.8
Rogers Park	11	0.4	21	0.8	35	1.3
None	152	5.8	8	0.3	17	0.6
Football fields	52	1.9	51	1.9	44	1.6

Table 29 (Cont'd): Importance of Preservation of Open Space

Facility	Ranking and % of Respondents					
Baseball fields	106	3.9	101	2.8	69	2.6
Tennis courts	22	0.8	36	1.3	35	1.3
State Hospital land	92	3.4	101	2.8	96	3.6
Livingston Park area	326	12.1	336	12.5	226	8.4
Golf course	107	4	113	4.2	99	3.7
Historic sites	20	0.7	40	1.5	65	2.4
Lacrosse fields	12	0.4	18	0.6	24	0.9
School playgrounds and fields	44	1.6	71	2.6	102	3.8

Respondents were also asked to identify three open spaces, recreation facilities, programs, or places that people like best and those they liked least. The most common responses included the following:

Table 30: Liked the Best

Response	# of responses	% of respondents
Livingston Street Park	318	11.8
Open spaces	155	5.8
State Hospital land/area	100	3.7
None/nothing	66	2.4
Athletic fields	64	2.4
Town “feel”	46	1.7
Town Center	45	1.7
Library	38	1.4
Parks and Playgrounds	30	1.1
Golf course	22	0.8

Table 31: Liked the Least

Response	# of responses	% of respondents
Traffic/congestion/Rt. 38	202	7.5
Over development	176	6.6
Town is not walkable	175	6.5
Lack of maintenance	60	2.2
Pig farm smell	48	1.8
Cell tower	38	1.4
Condition of schools/facilities	30	1.1
Blight	28	1.0

Respondents were asked to identify three open space areas, recreation facilities and/or programs that the town needs. The top responses included the following:

- Hiking/walking trails (8.0%)
- Athletic fields/facilities (6.8%)
- Bike paths (5.1%)
- Ice skating rink (3.1%)
- Swimming pool (2.8%)
- Conservation/Open Space (2.5%)
- Playgrounds and Parks (2.2%)

Other responses included a dog park, youth/teen activities, Town beach and senior center/activities. The responses indicating athletic fields and facilities included all types: football, baseball, basketball, tennis, soccer, lacrosse, track and softball.

Respondents were asked what actions they might take to preserve additional open space, recreational facilities, programs or places. More than half of the respondents (58.2%) indicated that they would support open space preservation if taxes were not increased, 36.5% indicated that they supported seasonal or annual fees, 15.6% supported tax increases for open space preservation, 9% supported rewriting their deeds to limit future use of their property, 7.3% supported selling some of their land to the Town, 5% indicated that they would accept a conservation/agricultural restriction, and 3.4% indicated that they would donate or sell land to the Town or land trust.

Survey respondents were asked to list the most important open space and recreational actions that the town could take over the next five years. Table 32 summarizes the top responses, with limiting or stopping all types of development and maintaining open space being the top responses indicated by 14% of the respondents.

Table 32: Most Important Open Space and Recreation Actions Over the Next Five Years According to Survey Respondents

Response	# of responses	% of respondents
Limit development	377	14.0
Concentrate on maintenance	245	9.1
Develop hiking trails & bike paths	82	3.1
Keep State Hospital land undeveloped	82	3.1
Build sidewalks	48	1.8

2. Visioning Session

There were two (2) visioning sessions for the Open Space and Recreation Plan, held on November 29, 2007 and February 4, 2008, to provide input for development of the plan's goals and objectives. The visioning sessions emphasized brainstorming and open discussion and were attended by participants who were asked to address the following:

- What are the Town's strengths /assets in terms of open space and recreation facilities and programs?
- What are the community's weaknesses and liabilities in this regard?
- What opportunities does the Town have to improve upon or expand its existing open space and recreation facilities and/or programs?
- What challenges lie ahead? What concerns need to be addresses in order to move forward to meet the Town's open space and recreation needs?

The following were identified as the community's strengths and/or assets relative to open space and recreation facilities and programs:

- The Livingston Street Recreational Area
- State Hospital land – preservation of 400 acres
- Open Space Residential Development Bylaw
- Access to High School track
- Coordination and collaboration between the Town and youth sports organizations
- Civic participation in the development and maintenance of youth sports athletic fields
- Pinnacle Street Railroad right-of-way near school fields
- The three local golf courses
- The Merrimack and Shawsheen Rivers
- The Great Swamp and Parisi Land
- Frasca Field soccer facilities (state-owned)

- Large participation in the youth sports network, and the support that is provided by the community
- Rogers Park and Fosters Park (although both are underutilized)
- Funway Park
- DPW Program to open culverts, remove beaver dams and control flooding (East Street)
- The number of athletic fields
- Local ponds such as Round Pond, Mud Pond, Ames Pond, Long Pond, and Kettle Pond (Livingston Street)
- Wildlife such as turtles, blue heron, and wild turkeys

The following were identified as the community's weaknesses and liabilities relative to open space and recreation facilities and programs:

- Financial limitations and constraints
- Lack of overall maintenance; no maintenance plan is in place and there is a shortage of funding to meet maintenance needs
- Lack of civic participation in development and maintenance of conservation and recreation areas
- Lack of parking at athletic fields
- Limited purchase of open space – Due to budgetary considerations the town's purchase of open space has been limited
- Lack of suitable areas for walking, bicycling and skating, and official trails
- Route 38
- Fragmented open space/lack of planning
- Poor water quality in ponds
- No outdoor ice skating, cross country skiing, or snowshoeing

- Insufficient playing fields – The shortage of playing fields results in over-scheduling and overuse of the current fields. The construction of additional playing fields would provide time for the turf to recover. There are also regulatory issues that need to be addressed
- Lack of posting to prohibit motorized vehicles/lack of enforcement
- Limited recreational facilities – Need a permanent home for the cross-country team
- Field drainage improvements
- Majority of youth sports fields are under state ownership/not under local control

Participants were asked to identify opportunities to expand or improve upon the town's existing open space and recreation facilities and programs. Several such opportunities were identified including the following:

- Pursue funding – Upon completion of the Plan, the Town needs to pursue federal, state and local funding sources for open space acquisition and for improvements to the town's recreational facilities.
- Keep communication open with legislators regarding the Livingston Street land; seek legislation to provide flexibility and a plan for leasing and management of the State Hospital land.
- Take advantage of the conservation and recreation opportunities for the Great Swamp, Kettle Pond, and Ames Pond.
- Provide increased opportunities for walking and bicycling, such as the establishment of the Bay Circuit Trail.
- Increase utilization of Foster Park and Rogers Park.
- Increase public education and awareness relative to conservation and recreation issues. Such efforts should include providing information concerning the location of recreation and conservation resources and facilities.
- Encourage partnering between the Town and Shawsheen Watershed Environmental Action Team (SWEAT).

Visioning session's participants were asked to identify concerns that need to be addressed in order for the town to meet its open space and recreation needs. The following concerns were identified:

- Financial Resources – Additional financial resources are necessary to address the open space and recreation needs of the Town.
- Lack of civic engagement and public interest
- Increased public awareness and education is needed to promote conservation, and stress the importance of recreation facilities and programs to the overall quality of life for town residents.
- Access issues need to be addressed
- A plan is needed to connect fragmented open space
- Ownership issues related to conservation parcels and recreational facilities need to be resolved.
- Appropriate land for the development of recreational facilities needs to be identified.
- A plan needs to be developed for allocating and prioritizing resources and facilities.
- Design standards for development projects should be revised to ensure access to open space and common areas.

3. Massachusetts Outdoors 2006: Statewide Comprehensive Outdoor Recreation Plan (SCORP 2006)

Massachusetts Outdoors 2006! Statewide Comprehensive Outdoor Recreation Plan (SCORP), developed by the Massachusetts Executive Office of Energy and Environmental Affairs, Division of Conservation Services, assessed the recreation needs of the state by region. The intent of the document is to direct investment decisions in a manner that best meets the needs of the Commonwealth's citizen.

Within *SCORP 2006*, Tewksbury is considered part of the northeastern region. According to the report, the most popular recreational activities within the region include swimming, walking, sightseeing and tours, hiking and fishing. In addition, baseball, sunbathing, horseback riding, off-road vehicle driving, snowmobiling, boating (motorized) and surfing were identified as being more popular in the northeast region than in other areas of the Commonwealth. Soccer, tot lots, and pond hockey were also found to be popular activities. The Northeast region has an abundance of water resources and conservation areas, which supports the preferences listed above.

According to the survey conducted for *SCORP 2006*, the northeast region residents strongly support improving access to recreational facilities for persons with disabilities, and support prioritizing funding for maintenance of existing facilities and new open space acquisition. Survey respondents also identified the following recreational needs for the region: road biking facilities (14.1%), playgrounds (13.8%), swimming (12.6%), walking (11.8%), golfing (9.1%), baseball (8.3%), tennis (7.6%), fishing (6.5%) and mountain biking (6.1%). Respondents indicated that they are least satisfied with lakes and ponds, bikeways, rivers and streams, and coastal beaches.

C. Management Needs and Potential Changes of Use

Based on the input received during the plan development process, the most important open space and recreation action over the next five years is to limit development, as indicated by 14% of the survey respondents. Keeping the State Hospital undeveloped was a priority concern for respondents. The town will need to work with its legislators in order to address issues related to the leasing and management of this property. There was a strong desire expressed that the town preserve additional open space, recreational facilities, programs and places.

Participants at the visioning sessions indicated that the town needs to concentrate on maintenance of town's facilities through the creation of an overall maintenance plan. Comprehensive maintenance plans for all recreational facilities would be beneficial in regards to protecting the town's investment and reducing long-term costs to playing fields and athletic facilities.

Competing and increased demand for playing fields was also identified as a weakness. The shortage of playing fields results in over-scheduling and overuse of the current fields. The construction of additional playing fields would provide time for turf to recover. There are also regulatory issues that also need to be addressed.

The need for additional hiking/walking trails, athletic fields/facilities and bike paths was also expressed and is in keeping with the findings in the *SCORP 2006* report. According to the report, the northeast region residents strongly support improving access to recreational facilities for person with disabilities, and support prioritizing funding for maintenance of existing facilities and new open space acquisition, which where all identified in the visioning sessions.

The Town of Tewksbury has been working proactively to improve the town's existing facilities and natural resource areas. In January-2008, the Long Pond Environmental Status Report was prepared to establish an updated water quality baseline for the Pond, and to provide insight as to potential remediation activities that could be implemented to enable increased use of Long Pond by Town residents, thereby helping to preserve Long Pond as a community and recreational asset. The town will now need to move forward with funding and implementing the measures outlined in the report.

D. Environmental Equity

Tewksbury's open space and recreation areas serve all sections of Town and are accessible to all residents regardless of income, race, religion, ethnicity, gender, or age. In terms of the needs of special groups such as persons with disabilities, the Town is under a court consent decree to bring town facilities into compliance with the Americans with Disabilities Act. This is enumerated as a stated goal of the town in Sections 8 and 9 of the Plan. The Town is committed to complying with this order to make sure all of its citizens can fully take part of all of the community activities and that they can enjoy the community's resources to the greatest extent possible.

While the needs of the elderly or persons with special needs did not arise during the public meetings, the visioning session, and in the town survey, the Tewksbury Council of Aging, located at the Senior Center at 175 Chandler Street, was consulted during the preparation of this Plan. The Council offers recreational and social activities designed for the elderly population in Town. Also, the Council provides health, fitness and exercise programs such as yoga, therapeutic yoga, line dancing, Tai Chi, diet workshops, podiatry clinics, walking groups and body works. Educational programs and activities are also provided such as quilting, embroidery, jewelry making, painting, arts and crafts, and wood carving. Hot lunches, meals on wheels, income tax assistance and grocery shopping are also available. The Council sponsors community programs and offers various day trips, such as casino trips.

Section 8: Goals and Objectives

The goals and objectives for the Tewksbury Open Space and Recreation Plan were determined by analyzing background information and data, identifying community needs through the survey and Visioning Sessions, and by seeking out and incorporating the viewpoints of town officials and local organizations. The results presented below form the basis for the Seven-Year Action Plan presented in Section 9. Ten long-range goals are listed followed by objectives for achieving them. Ten long-range goals are outlined on the following pages, along with corresponding objectives.

Goal 1: Preserve and protect the rivers, brooks, ponds, wetlands, and floodplain in Tewksbury

Objectives:

- Identify and protect upland buffer and recharge areas adjacent to water resources.
- Protect and enhance wildlife habitat in and around water resource areas.
- Acquire/protect additional land along the Merrimack and Shawsheen Rivers and other waterways through easement or acquisition, to ensure future protection of riparian areas.
- Continue acquisition and protection of additional tracts of land for conservation, flood storage, water supply protection and recreation.
- Pursue implementation of BMPs for Long Pond and Round Pond, as well as for other impaired water bodies.
- Remove debris from lakes, ponds, rivers, streams, detention ponds and drainage swales throughout the Town.
- Remove and control invasive species.
- Periodically review and update the town's Wetland Protection Bylaw and Stormwater Management and Erosion Control Regulations to ensure that they are current with State standards and practices, and are being properly enforced.
- Continue DPW Program to open culverts to control flooding.

Goal 2: Preserve and protect the Town's natural resources and outstanding natural features for future generations

Objectives:

- Acquire and/or protect by easement or fee, important wildlife habitat and other lands with unique natural features or landscapes.
- Identify and protect endangered species in cooperation with the Natural Heritage and Endangered Species Program.
- Protect key parcels that lie within or adjacent to environmental, cultural or historic resource areas.

- Identify additional parcels of conservation and recreation interest.
- Preserve scenic, cultural, historic and agricultural landscapes, sites and buildings.
- Identify appropriate projects for funding through the Sutton Brook PRP mitigation fund
- Monitor cleanup and closeout of Sutton Brook Superfund site

Goal 3: Provide accessible, well-balanced recreation opportunities for all Town residents

Objectives:

- Develop signage to demarcate Town-owned land, trails, boat launches, and water resource areas.
- Provide ample parking at athletic fields and recreation areas.
- Upgrade playgrounds at school facilities and other locations by adding tot lots, basketball courts, and playing fields.
- As resources become available, provide access for persons with disabilities.
- Develop river access that is permanently protected, safe, and accessible. Where appropriate, include a boat ramp and/or canoe launch.
- Provide additional walking, hiking, and biking opportunities.

Goal 4: Ensure adequate maintenance of conservation area, open spaces and recreation facilities in the interest of protecting the Town’s investment and reducing long-term costs

Objectives:

- Encourage civic participation in the development and maintenance of conservation and recreation facilities.
- Develop a comprehensive maintenance plan for all Town owned or controlled conservation and recreation facilities.
- Promote coordination and collaboration between the Town and youth sports organizations.
- Establish a non-profit entity to accept private contributions, such as donations and fees, to fund operation and maintenance costs not covered under the Town’s budget.
- Reduce vandalism and illegal dumping.
- Encourage local businesses and industries to “Adopt a Park” in return for publicity.

Goal 5: Educate the town’s residents regarding the importance of open space and recreation areas to the town’s quality of life – encourage enjoyment, use, and stewardship

Objectives:

- Develop neighborhood parks to meet the needs of residents.
- Create an Open Space and Recreation booklet listing and describing facilities such as parks, hiking/biking/walking trails and open space areas. Link to booklet could be placed on the Recreation Department’s and Conservation Commission’s webpage.

Goal 6: Preserve important historical and archaeological sites

Objectives:

- Update the historic resources inventory.
- Recommend structures for the State and/or National Register of Historic Places.
- Update and strengthen the town’s Demolition Delay Bylaw.
- Establish a Town Center Overlay Zoning District and Design Guidelines.
- Protect key parcels and structures and landmarks that lie within or adjacent to historic resource areas.

Goal 7: Enhance and protect the scenic and aesthetic character of the Town

Objectives:

- Work to preserve the remaining safe structures on the State Hospital property.
- In accordance with Scenic Roads Act, M.G.L. c. 40, § 15C, Tewksbury should designate Scenic Roads in Town, through the creation of a local scenic roads bylaw.
- Implement Town Center Design Guidelines and Town Center Overlay Zoning District.
- Develop signage to identify town-owned conservation and recreation land, trails, boat launches, and water resource areas.
- Install park benches along Livingston Street between recreation area and senior housing.

Goal 8: Work with regional, federal and state agencies, and non-profit organizations to develop a trail network linking open spaces within Tewksbury, as well as establishing linkages to other trail facilities located in adjoining communities

Objectives:

- Provide increased opportunities for walking and bicycling.
- Encourage the granting of easements and development of trails on private, quasi-public, and state-owned land.
- Continue to work with the Bay Circuit Alliance on the planning and design of an interregional trail.
- Work with the Department of Fisheries and Wildlife to establish a greenway along the Merrimack River and Shawsheen River corridors.
- Work with adjacent municipalities to develop regional open space linkages.

Goal 9: Protect the Merrimack River as the Town's water supply

Objectives:

- Require all commercial and residential irrigation systems to have rain sensors in order to ensure that overwatering doesn't occur.
- Use Best Management Practices (BMPs) to control nonpoint source pollution that impact water quality.
- Develop BMPs for homeowners regarding the use of pesticides and fertilizers.
- Continue the partnership between the Town and Shawsheen Watershed Environmental Action Team (SWEAT) and the Merrimack River Watershed Council (MRWC).
- Upon improvement of the Town's fiscal climate, work with the Board of Health to reinstate the yearly household hazardous waste pickup.
- Require a turf management and integrated pest management plan for golf course development, athletic fields and large commercial development projects.
- Develop a Memorandum of Understanding (MOU) among the communities located along the Merrimack River.

Goal 10: Promote efforts to preserve and protect open space for conservation, agriculture, and active and passive recreational needs

Objectives:

- Review the Town's Open Space and Residential Development bylaw and Cluster Development bylaw to ensure that dedicated open space is properly protected and that reasonable incentives are provided to developers in exchange for protection of open space.

Section 9: Seven-Year Action Plan

The table below outlines the Seven-Year Action Plan for implementing the goals and objectives described in previous sections of this document. Implementation responsibility is identified and the timeframe for implementation of individual actions is specified as follows:

- **Ongoing:** implementation occurs on an ongoing basis throughout the seven-year implementation process;
- **Short-term:** implementation is planned within two (2) years;
- **Intermediate:** implementation is planned between years two (2) and three (3); and
- **Long-term:** implementation is planned in years four (4) through seven (7).

Based on the variability of the many factors involved in implementing the Action Plan, such as funding, the need for the town meeting approval, and legal and permitting issued, the Committee concluded that structuring the schedule in the timeframes outlined above was more practical and meaningful than the year-by-year schedule utilized in previous Tewksbury Open Space and Recreation Plans. The ability of the Town to implement the action items outlined below is predicated on the availability of funding, particularly given the limitations of the Town’s current budget and the overall economic crisis confronting the state and the nation. Map 8 on Page 90 shows the location of specific projects identified in the Seven-Year Action Plan.

GOAL 1: PRESERVE AND PROTECT THE RIVERS, BROOKS, PONDS, WETLANDS, AND FLOODPLAIN IN TEWKSBURY

Action	Implementation Responsibility	Potential Funding Sources	Implementation Schedule
<i>Objective: Identify and protect upland buffer and recharge areas adjacent to water resources.</i>			
Educate town residents regarding vegetation management on river, lake, pond, and stream banks through written materials, local cable network, and town website	Conservation Commission	Conservation Commission budget	Ongoing
Identify privately-owned upland buffer zones and seek protection through voluntary conservation easements	Conservation Commission	Town budget, State grant monies, and private funds	Ongoing
<i>Objective: Protect and enhance wildlife habitat in and around water resource areas.</i>			
Identify and prioritize potential sites along the rivers and ponds for acquisition as open space, or for protection through a conservation easement or restriction	Town Boards, Departments and Commissions	Town budget, State grant monies, and private funds	Ongoing
Transfer undevelopable tax title land to appropriate board or commission, in accordance with priorities established in the Open Space and Recreation Plan	Board of Selectmen	Administrative costs to be borne by the town	Ongoing

Objective: Acquire/protect additional land along the Merrimack and Shawsheen Rivers and other waterways, through easement or acquisition, to ensure future protection of riparian areas.			
Inventory and identify key parcels along the Merrimack and Shawsheen Rivers	Conservation Commission, Community Development, Assessor's Office, and Recreation Department	Town budget, State grant monies, and private funds	Short-term
Based on completed inventory, prioritize parcels for future acquisitions	Conservation Commission, Recreation Department, and Board of Selectmen	Town budget, State grant monies, and private funds	Short-term
Develop long-term acquisition plan for priority parcels	Conservation Commission, Recreation Department, and Board of Selectmen	Town budget, State grant monies, and private funds	Intermediate
Acquire available priority parcels as opportunities arise and funds become available	Conservation Commission, Recreation Department, and Board of Selectmen	Town CPA funds, State and federal grant programs, and private funds	Ongoing
Objective: Continue acquisition and protection of additional tracts of land for conservation, flood storage, water supply protection and recreation.			
Inventory and identify key tracts of land	Tax Assessor's Office, Community Development, Public Works, Recreation Department, and Conservation Commission	Town budget	Short-term
Based on completed inventory, prioritize remaining parcels in terms of importance for conservation, flood storage and water supply protection	Conservation Commission, Public Works, and Recreation Department	Town budget, State grant monies, and private funds	Intermediate
Develop long-term land acquisition plan for priority parcels through purchase, easement or donation	Conservation Commission, Board of Selectmen, and Recreation Department	Town budget, State grant monies, and private funds	Long-term
Purchase priority parcels as resources become available	Board of Selectmen, Community Preservation Committee, Conservation Committee, and Town Meeting, non-profits	Town budget (including CPA monies), State grant monies, and private funds	Intermediate and Long-term
Objective: Pursue implementations of BMPs for Long Pond and Round Pond and other impaired water bodies.			
Consider creating a stormwater/Low Impact Development (LID) bylaw	Planning Board, Conservation Commission, and Public Works	Town budget and State grant monies	Intermediate
Implement BMPs that were outlined in the Long Pond Study	Planning Board, Conservation Commission, Board of Health, and Public Works	Town budget, State grants monies, and private funds	Intermediate and Long-term
Conduct a study for Round Pond and develop BMPs, similar to Long Pond	Planning Board, Community Preservation, Committee, Conservation Commission, and Board of Health	Town budget, State grant monies, and private funds	Intermediate

Address nonpoint source pollution by incorporating DEP stormwater standards into subdivision regulations	Planning Board	Town budget	Short-term
Identify needs for further water quality monitoring and testing for Long Pond and Round Pond	Board of Health and Conservation Commission	Town meeting appropriation (possibly CPA funds) and State grant funds	Intermediate
Establish and enhance natural buffers around ponds	Planning Board, Conservation Commission, and Board of Health	Town budget, State grant monies, and private funds	Long-term
<i>Objective: Remove debris from lakes, ponds, rivers, streams, detention ponds and drainage swales throughout the Town.</i>			
Develop and implement a cleanup and debris removal plan for water bodies throughout town	Conservation Commission, Board of Health, DPW, and Recreation Department	Town budget, State grant monies, and private funds	Short-term
Work with non-profit and civic groups, such as Boy and Girl Scouts, and conservation and environmental interest groups, to organize cleanup days	Conservation Commission, Board of Selectmen, Board of Health, DPW, Recreation Department, and non-profits	Town budget, and private and non-profit funds	Ongoing
<i>Objective: Remove and control invasive species.</i>			
Inventory resource areas to identify invasive species problem locations	Conservation Commission, Board of Health, and DPW	Town budget and State grant monies	Ongoing
Develop invasive species eradication and management plan for priority locations	Conservation Commission, DPW, and Board of Health	State grant monies and Town resources	Short-term
Remove invasive species on an ongoing basis as appropriate	Conservation Commission, Board of Health, and DPW	Town resources, Private non-profit resources, and State grant monies	Intermediate and Long-term
Develop an educational brochure for homeowners and gardeners to prevent invasive species from being introduced	Conservation Commission	Town resources and non-profit resources	Intermediate
<i>Objective: Periodically review and update the town's Wetland Protection Bylaw and Stormwater Management and Erosion Control Regulations to ensure that they are current with State standards and practices, and are being properly enforced.</i>			
Annually review the Town's Wetland Protection Bylaw and Erosion Control Regulations to ensure that they are current	Conservation Commission and Planning Board	Town budget	Ongoing
If necessary, prepare bylaw and regulation revisions for Town Meeting action	Conservation Commission, Planning Board, and Town Meeting	Town budget	Short-term
<i>Objective: Continue DPW Program to open culverts and control flooding.</i>			
Develop and implement a cleanup and debris removal plan for culverts, and remove beaver dams	DPW, Conservation Commission, and Board of Health	Town budget and private non-profit resources	Ongoing

GOAL 2: PRESERVE AND PROTECT THE TOWN'S NATURAL RESOURCES AND OUTSTANDING NATURAL FEATURES FOR FUTURE GENERATIONS

Action	Implementation Responsibility	Potential Funding Sources	Implementation Schedule
<i>Objective: Acquire and/or protect by easement or fee, important wildlife habitat and other lands with unique natural features or landscapes.</i>			
Amend zoning bylaw to require cluster design for projects that exceed 5 acres in size	Planning Board, Community Development, and Town Engineer	Town resources	Intermediate
<i>Objective: Identify and protect endangered species in cooperation with the Natural Heritage and Endangered Species Program.</i>			
Working with the Natural Heritage and Endangered Species Program, protect critical habitat from inappropriate development	Planning Board, Conservation Commission, and NHESP	State funding programs, private sector resources, and CPA funds	Ongoing
<i>Objective: Identify appropriate projects for funding through the Sutton Brook PRP mitigation funds</i>			
Work with local boards and committees, and state and federal partners to identify projects to be funded with PRP mitigation funds	Board of Selectmen, Conservation Commission, Board of Health, Planning Board, DEP, and USEPA	Sutton Brook Mitigation fund	Short-term
Implement identified Sutton Brook PRP mitigation projects	Board of Selectmen, Conservation Commission, Board of Health, Planning Board, DEP, and USEPA	Sutton Brook Mitigation fund	Intermediate
<i>Objective: Monitor cleanup and closeout of Sutton Brook Superfund site</i>			
In partnership with state and federal agencies, review technical and legal documents, track cleanup, and provide information to the public regarding progress	Board of Selectmen, Conservation Commission, Board of Health, Planning Board, DEP, and USEPA	Sutton Brook Mitigation fund	Ongoing
<i>Objective: Protect key parcels that lie within or adjacent to environmental, cultural or historic resources</i>			
Identify key parcels that lie within or adjacent to environmental, cultural or historic resources	Conservation Commission and Historic Commission	Town resources	Ongoing
Work with property owners to protect parcels through conservation restrictions, deed restrictions, covenants, or acquisition	Board of Selectmen, Conservation Commission, Historic Commission, Community Preservation Committee	Town and state resources	Ongoing
<i>Objective: Identify additional parcels of conservation and recreation interest</i>			
Continue to identify parcels of conservation and recreation interest through future planning efforts, including updates to the Open Space and Recreation Plan	Board of Selectmen, Planning Board, Conservation Commission, Community Preservation Committee, and Recreation Department	Town resources	Intermediate

Objective: Preserve scenic, cultural, historic and agricultural landscapes, sites and buildings			
Utilize Community Preservation Act funding and other mechanisms, including easements and deed restrictions to preserve key scenic, historic and cultural resources	Board of Selectmen, Conservation Commission, Historic Commission, Community Preservation Committee	Town, state and private resources	Ongoing

GOAL 3: PROVIDE ACCESSIBLE, WELL-BALANCED RECREATION OPPORTUNITIES FOR ALL TOWN RESIDENTS

Action	Implementation Responsibility	Potential Funding Sources	Implementation Schedule
Objective: Develop signage to demarcate Town-owned land, trails, boat launches, and water resource areas.			
Continue to install and improve signage at recreation and conservation facilities	Recreation Department, Conservation Commission, and Non-profit entities and, volunteers	Town budget and private donations	Ongoing
Objective: Provide ample parking at athletic fields and recreation areas.			
Identify and construct additional parking at Conservation and Recreation areas	Recreation Department, Conservation Commission, and DPW	Town budget and CPA	Intermediate and Long-term
Objective: Upgrade playgrounds at school facilities and other locations by adding tot lots, basketball courts, and playing fields.			
Document gaps and existing deficiencies at existing school facilities	Recreation Department and School Department	Town budget	Intermediate
Develop financing plan and implementation strategy to address deficiencies	Recreation Department, School Department, and youth sports organizations	Town budget and private donations	Intermediate and Long-term
Objective: As resources become available, provide access for persons with disabilities.			
Improve handicap access to playing fields, amenities, open space and recreation properties	Recreation Department, Conservation Commission, and DPW	Town budget	Intermediate and Long-term
Periodically evaluate the need for additional accommodations at all recreation and conservation areas based on conditions at each location	Recreation Department, Conservation Commission, and DPW	Town budget	Intermediate and Long-term
Objective: Develop river access that is permanently protected, safe, and accessible. Where appropriate, include a boat ramp and/or canoe launch.			
Inventory and identify additional areas and opportunities for public access to rivers and ponds	Conservation Commission and Assessor's Office	Town budget, State grants or private funds	Ongoing
Work with property owners to acquire additional access through property donations, easements and fee acquisition	Conservation Commission, Assessor's Office, and Board of Selectmen	Town budget, State grants or private funds	Ongoing

Where available, use tax title properties along ponds to create access points	Board of Selectmen, Community Development, and Conservation Commission	Town resources	Ongoing
<i>Objective: Provide additional walking, hiking, and biking opportunities.</i>			
Identify, map and mark new multi-use trails on conservation and recreation lands as appropriate	Recreation Department and Conservation Commission	Town resources and volunteers	Ongoing
Construct sidewalks as funding becomes available, with priority given to areas around schools, commercial centers, and roadways where safe travel is of concern	Board of Selectmen, DPW, and Planning Board	Town budget	Ongoing
Ensure that roadway construction and reconstruction projects are designed with bicycle and pedestrian accommodations	Board of Selectmen, DPW, and Planning Board	Town Budget	Ongoing
Work with development interests to include bicycle and pedestrian facilities and amenities within individual project designs	Planning Board, DPW, Conservation Commission, and ZBA	Town budget	Ongoing
Install benches along Livingston Street between the senior housing complex and the recreation area	Board of Selectmen and DPW	Town budget of private donation	Short-term
Identify additional areas suitable for winter activities such as cross country skiing, snowshoeing and ice skating	Recreation Department	Town budget	Short-term

GOAL 4: ENSURE ADEQUATE MAINTENANCE OF CONSERVATION AREAS, OPEN SPACES AND RECREATION FACILITIES IN THE INTEREST OF PROTECTING THE TOWN’S INVESTMENT AND REDUCING LONG-TERM COSTS

Action	Implementation Responsibility	Potential Funding Sources	Implementation Schedule
<i>Objective: Encourage civic participation in the development and maintenance of conservation and recreation facilities.</i>			
Work with civic organization, youth sports groups and other non-profit entities to plan and coordinate maintenance activities	Recreation Department, DPW, Youth Sports organization, and Non-profits	Town budget and non-profit resources	Ongoing
<i>Objective: Develop a comprehensive maintenance plan for all Town owned or controlled conservation and recreation facilities.</i>			
Routinely inventory and assess the physical condition of all existing recreation facilities to identify immediate maintenance needs	Conservation Commission, Recreation Department, and DPW	Town budget	Ongoing

Develop a long term maintenance plan for all conservation and recreation facilities	Conservation Commission and Recreation Department	Town budget	Short-term
Develop a financing plan for implementing the maintenance plan on an ongoing basis	Conservation Commission, Recreation Department, Finance Committee, and Board of Selectmen	Town budget	Intermediate
<i>Objective: Promote coordination and collaboration between the Town and youth sports organizations.</i>			
Coordinate athletic field use and maintenance with all stakeholders	Recreation Department, DPW, School Department, and Youth Sports Organizations	Town budget and non-profit entities	Ongoing
<i>Objective: Establish a non-profit entity to accept private contributions, such as donations and fees, to fund operation and maintenance expenses not covered under the Town's budget.</i>			
In accordance with state and IRS requirements, establish a tax deductible, non-profit entity to work with the Town in soliciting and receiving private funds and foundation grants	Board of Selectmen, private Sector interests, and existing non-profits	Town budget and private contributions	Short-term
<i>Objective: Reduce vandalism and illegal dumping.</i>			
Work with police to prevent vandalism and illegal dumping through increased patrols in problem locations	Conservation Commission, Recreation Department, and Police Department	Town budget	Ongoing
Work with police to improve enforcement of prohibition on off-road motorized vehicles on conservation and recreation properties	Conservation Commission, Recreation Department, and Police Department	Town budget	Ongoing
<i>Objective: Encourage local businesses and industries to "Adopt a Park" in return for publicity.</i>			
Develop an "Adopt a Park" program to encourage private sector contributions in exchange for advertising	Recreation Department	Town budget	Short-term

GOAL 5: EDUCATE THE TOWN'S RESIDENTS REGARDING THE IMPORTANCE OF OPEN SPACE AND RECREATION AREAS TO THE TOWN'S QUALITY OF LIFE – ENCOURAGE ENJOYMENT, USE, AND STEWARDSHIP

Action	Implementation Responsibility	Potential Funding Sources	Implementation Schedule
<i>Objective: Develop neighborhood parks to meet the needs of residents.</i>			
Encourage the development of neighborhood parks as part of the mitigation package for large development projects	Planning Board, Conservation Commission, and ZBA	Private funding sources	Ongoing
Improve cluster zoning options for enhanced open space	Planning Board	Town funds	Short-term

Identify undeveloped parcels appropriate for additional neighborhood parks	Community Development and Assessor's Office	Town funds	Short-term
Objective: Create an Open Space and Recreation booklet listing and describing facilities such as parks, hiking/biking/walking trails and open space areas. Link to booklet could be placed on the Recreation Department's and Conservation Commission's webpage.			
Create a map and directory of Tewksbury public open space and recreation areas for posting on the town's website and for distribution in printed form	Conservation Commission and Recreation Department	Town resources, State or private funds	Intermediate
Work with Tewksbury schools to create age-appropriate educational units for students on the town's parks and open space resources	Conservation Commission, Recreation Department, and School Department	Town budget, State grants and private funds	Short-term
Advertise special events and recreation programs on local cable network	Conservation Commission, Recreation Department, and Board of Selectmen	Town resources	Ongoing

GOAL 6: PRESERVE IMPORTANT HISTORICAL AND ARCHAEOLOGICAL SITES

Action	Implementation Responsibility	Potential Funding Sources	Implementation Schedule
Objective: Update the historic resources inventory.			
Update historic survey to identify structures, landmarks and sites for preservation and protection	Historic Commission, Community Preservation Committee	Town resources	Short-term
Objective: Recommend structures for the State and/or National Register of Historic Places.			
Based on historic inventory, identify structures for inclusion on the State and National Register of Historic Places	Historic Commission, Board of Selectmen	Town resources	Short-term
Prepare application for the creation of a National Register Historic District	Historic Commission, Board of Selectmen	Town resources	Intermediate
Objective: Update and strengthen the Town's Demolition Delay Bylaw.			
Consider extending the Demolition Delay Bylaw from 6 months to 12 Months	Historic Commission, Planning Board, and Board of Selectmen	Town resources	Intermediate
Objective: Establish a Town Center Overlay Zoning District and Design Guidelines.			
Seek Town Meeting approval of the proposed Town Center Overlay Zoning District and Design Guidelines	Planning Board and Town Meeting	District Local Technical Assistance Program-NMCOG and DHCD	Short-term

Objective: Protect key parcels, structures and landmarks that lie within or adjacent to historic resource areas.			
Identify significant parcels, structures, and landmarks within or adjacent to historic resources	Historic Commission	Town resources	Short-term
Work with property owners to protect resources through deed restrictions, covenants, easements, or acquisition	Historic Commission, Board of Selectmen	Town resources	Long-term

GOAL 7: ENHANCE AND PROTECT THE SCENIC AND AESTHETIC CHARACTER OF THE TOWN

Action	Implementation Responsibility	Potential Funding Sources	Implementation Schedule
Objective: Work to preserve the remaining safe structures on the State Hospital property.			
Inventory and assess the structural condition remaining buildings on the state hospital property	Massachusetts Department of Public Health, town building inspector, Community Development	State and local resources	Intermediate
Seek funding for restoration and preservation of those structures deemed sound	Massachusetts Department of Public Health, town building inspector, Community Development, DCAM	State and local resources	Long-term
Objective: In accordance with Scenic Roads Act, M.G.L. c. 40, § 15C, Tewksbury should designate Scenic Roads in Town, through the creation of a local scenic roads bylaw.			
Draft Scenic Roads Bylaw for public review and comment	Planning Board, Board of Selectmen	Local resources	Intermediate
Seek Town Meeting approval of Scenic Road Bylaw	Planning Board, Board of Selectmen, Town Meeting	Local resources	Intermediate
Objective: Implement Town Center Design Guidelines and Town Center Overlay Zoning District.			
Upon Town Meeting approval, promote and implement Town Center Overlay District and corresponding Design Guidelines	Planning Board, Community Development	Local resources	Short-term
Objective: Develop signage to identify town-owned conservation and recreation land, trails, boat launches, and water resource areas.			
Design standard sign to identify all town-owned conservation and recreation land, trails, boat launches and water resource areas	Conservation Commission, Recreation Department	Local resources	Short-term
As resources permit, install signs at appropriate locations as described above	Conservation Commission, Recreation Department, and DPW	Local resources	Ongoing

<i>Objective: Install park benches along Livingston Street between recreation area and senior housing.</i>			
Install park benches along Livingston Street between the recreation area and the senior housing complex, as resources permit	DPW, Recreation Department, and Housing Authority	Local resources	Short-term

GOAL 8: WORK WITH REGIONAL, FEDERAL AND STATE AGENCIES, AND NON-PROFIT ORGANIZATIONS TO DEVELOP A TRAIL NETWORK LINKING OPEN SPACES WITHIN TEWKSBURY, AS WELL AS ESTABLISHING LINKAGES TO OTHER TRAIL FACILITIES LOCATED IN ADJOINING COMMUNITIES

Action	Implementation Responsibility	Potential Funding Sources	Implementation Schedule
<i>Objective: Provide increased opportunities for walking and bicycling.</i>			
Develop new trails on recreation and conservation lands as appropriate, focusing on connectivity and linkages	Recreation Department, Conservation Commission, Department of Public Works	Town resources, volunteers, and state and federal grant programs	Ongoing
Engage volunteers and civic groups in assisting with trail construction and maintenance	Recreation Department, Conservation Commission, volunteer and civic groups, Department of Public Works	Town budget, volunteer organizations	Ongoing
Collaboratively develop a town-wide trail plan to address pedestrian and bicyclists needs	Recreation Department, Conservation Commission, Planning Board, Board of Selectmen, Department of Public Works, nonprofit organizations	Town resources and/or state grant monies	Intermediate
Develop funding plan and schedule for implementing the town-wide trail plan	Recreation Department, Conservation Commission, Planning Board, Board of Selectmen, Department of Public Works, nonprofit organizations	Town budget	Long-term
<i>Objective: Encourage the granting of easements, and development of trails on private, quasi-public, and state-owned land.</i>			
Encourage developers to provide trail easements as part of the subdivision and site plan review processes	Planning Board, Conservation Commission	Private resources, town resources	Ongoing
<i>Objective: Continue to work with the Bay Circuit Alliance on the planning and design of an interregional trail.</i>			
Continue the ongoing work with the Bay Circuit Alliance to design and construct the Bay Circuit trail	Bay Circuit Alliance, Conservation Commission, Board of Selectmen, Planning Board	Non-profit resources, town resources	Ongoing

Objective: Work with the Department of Fisheries and Wildlife (DFW) to establish a greenway along the Merrimack River and Shawsheen River corridors.			
Establish a dialogue with the DFW and explore alternatives for creating a greenway along the Merrimack and Shawsheen Rivers	DFW, Conservation Commission, Planning Board	DFW, Town resources	Short-term
Conduct a feasibility study to evaluate the alternatives identified for the proposed greenway as described above	Conservation Commission, DPW, Community Preservation Committee, DFW	Local and state resources	Intermediate
Objective: Work with adjacent municipalities to develop regional open space linkages.			
Work with neighboring communities to develop regional open space linkages (e.g. Bay Circuit Trail and Lowell Junction)	Conservation Commission, Planning Board, Board of Selectmen, Community Development, Tri-town Task Force, NMCOG	Local and state resources	Ongoing

GOAL 9: PROTECT THE MERRIMACK RIVER AS THE TOWN'S WATER SUPPLY

Action	Implementation Responsibility	Potential Funding Sources	Implementation Schedule
Objective: Require all commercial and residential irrigation systems to have rain sensors in order to ensure that overwatering doesn't occur.			
Amend bylaws and regulations to require rain sensor for automatic irrigation systems	Planning Board, Water Department	Local resources	Short-term
Objective: Use Best Management Practices (BMPs) to control nonpoint source pollution that impact water quality.			
Amend regulations and bylaws to require state-of-the-art BMPs and to incorporate DEP stormwater standards	Conservation Commission, Planning Board, Town Engineer, DPW, Board of Health	Local resources	Intermediate
Consider adopting a Low Impact Development (LID/Stormwater Management Bylaw	Conservation Commission, Planning Board, DPW, Town Engineer, Board of Health	Local and state resources	Intermediate
Objective: Develop BMPs for homeowners regarding the use of pesticides and fertilizers.			
Educate homeowners regarding BMPs for the use of fertilizers and pesticides	Conservation Commission and Board of Health	Local resources	Intermediate
Objective: Continue the partnership between the Town and Shawsheen Watershed Environmental Action Team (SWEAT) and the Merrimack River Watershed Council (MRWC).			
Continue the partnership established between the town and SWEAT and the MRWC	Board of Selectmen and Conservation Commission	Local resources	Ongoing

Objective: Upon improvement of the Town's fiscal climate, work with the Board of Health to reinstate the yearly Household hazardous waste pickup.			
Reinstate the annual household hazardous waste pickup as resources become available	Board of Health	Local resources	Ongoing
Objective: Require a turf management and integrated pest management plan for golf course development, athletic fields and large commercial development projects.			
Modify the town's bylaws and regulations to require a turf management and integrated Pest management plan for golf course, athletic fields and large commercial projects	Planning Board, Conservation Commission, and Board of Health	Local resources	Intermediate
Objective: Develop a Memorandum of Understanding (MOU) with communities along the Merrimack River			
Develop a MOU with communities along the Merrimack River that establishes a cooperative and collaborative partnership on issues related to protecting the region's drinking water supply	Board of Selectmen and NMCOG	Local resources	Intermediate

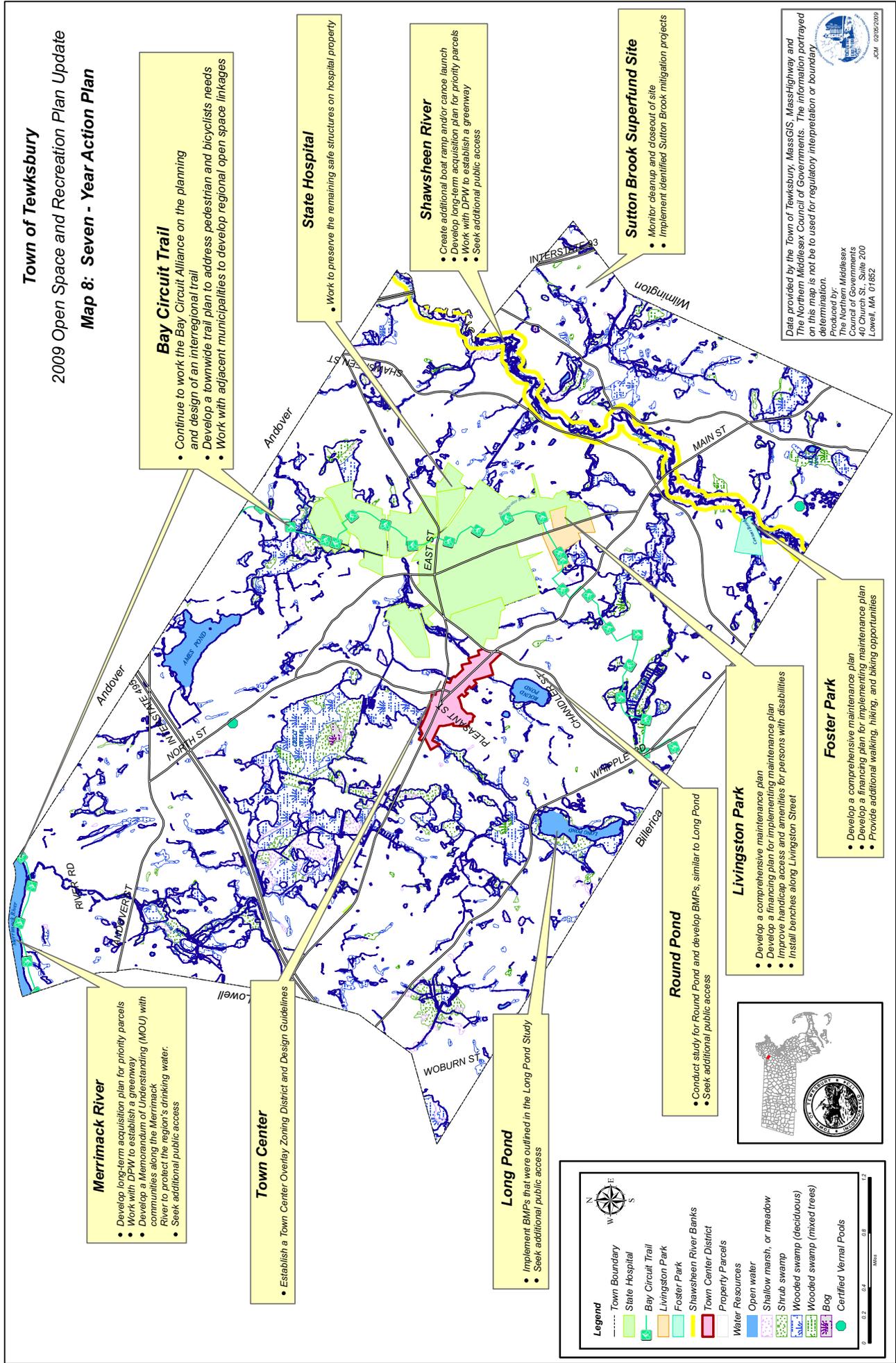
GOAL 10: PROMOTE EFFORTS TO PRESERVE AND PROTECT OPEN SPACE FOR CONSERVATION, AGRICULTURE, AND ACTIVE AND PASSIVE RECREATIONAL NEEDS

Action	Implementation Responsibility	Potential Funding Sources	Implementation Schedule
Objective: Review the Town's Open Space and Residential Development Bylaw and Cluster Development Bylaw, and modify to ensure that dedicated open space is properly protected and that reasonable incentives are provided to developers in exchange for protection of open space.			
Review the Open Space and Residential Development Bylaws and revise to ensure that reasonable incentives are provided and to ensure that open space is properly and permanently protected	Planning Board, Zoning Bylaw Review Committee	Local resources	Short-term
Seek town meeting approval for needed bylaw revisions as described above	Planning Board, Zoning Bylaw Review Committee	Local resources	Short-term

Town of Tewksbury

2009 Open Space and Recreation Plan Update

Map 8: Seven - Year Action Plan



Merrimack River

- Develop long-term acquisition plan for priority parcels
- Work with DPW to establish a greenway
- Develop a Memorandum of Understanding (MOU) with communities along the Merrimack River to protect the region's drinking water.
- Seek additional public access

Bay Circuit Trail

- Continue to work the Bay Circuit Alliance on the planning and design of an interregional trail
- Develop a townwide trail plan to address pedestrian and bicyclist needs
- Work with adjacent municipalities to develop regional open space linkages

Town Center

- Establish a Town Center Overlay Zoning District and Design Guidelines

State Hospital

- Work to preserve the remaining safe structures on hospital property

Shawsheen River

- Create additional boat ramp and/or canoe launch
- Develop long-term acquisition plan for priority parcels
- Work with DPW to establish a greenway
- Seek additional public access

Long Pond

- Implement BMPs that were outlined in the Long Pond Study
- Seek additional public access

Sutton Brook Superfund Site

- Monitor cleanup and closure of site
- Implement identified Sutton Brook mitigation projects

Round Pond

- Conduct study for Round Pond and develop BMPs, similar to Long Pond
- Seek additional public access

Livingston Park

- Develop a comprehensive maintenance plan
- Develop a financing plan for implementing maintenance plan
- Improve handicap access and amenities for persons with disabilities
- Install benches along Livingston Street

Foster Foster Park

- Develop a comprehensive maintenance plan
- Develop a financing plan for implementing maintenance plan
- Provide additional walking, hiking, and biking opportunities

Legend

- Town Boundary
- State Hospital
- Bay Circuit Trail
- Livingston Park
- Foster Park
- Shawsheen River Banks
- Town Center District
- Property Parcels
- Water Resources
 - Open water
 - Shallow marsh, or meadow
 - Shrub swamp
 - Wooded swamp (deciduous)
 - Wooded swamp (mixed trees)
 - Bog
 - Certified Vernal Pools

Data provided by the Town of Tewksbury, MassGIS, MassHighway and The Northern Middlesex Council of Governments. The information portrayed on this map is not to be used for regulatory interpretation or boundary determination.
 Produced by:
 The Northern Middlesex Council of Governments
 40 Church St., Suite 200
 Lowell, MA 01852
 JCM 09/06/2009

Section 10: Public Review and Comments

The *Draft Tewksbury Open Space and Recreation Plan Update* was released for public review and comment on February 4, 2009. A public hearing was held on February 9, 2009 to receive comments from the public, town boards and committees and other interested stakeholders. A copy of the draft document was made available on the Town website and on the Northern Middlesex Council of Government's (Regional Planning Agency) website. Hard copies were delivered to Town boards and commissions and were also made available at the Town Hall and Town Library (See distribution list in Appendix D).

Comments were received from the Conservation Commission, Planning Board, Community Preservation Committee and Board of Selectmen as well as from the Northern Middlesex Council of Governments (Please see letters of support in Appendix D). Based on comments received, which were very positive, the final draft Plan was revised and then presented to the Board of Selectmen on May 19, 2009 for approval. The final draft of the Plan was then submitted to the Division of Conservation Services (DCS) for review.

DCS granted a conditional approval through July 2014. The comments provided by DCS as part of the conditional approval were addressed and the final Open Space and Recreation Plan Update were resubmitted to DCS in July 29, 2009. The DCS granted final approval to the Plan on August 11, 2009.

Section 11: References

1. Massachusetts Outdoors 2006! Statewide Comprehensive Outdoor Recreation Plan, Executive Office of Environmental Affairs, 2006.
2. *Open Space and Recreation Plan 1998-2003*, Town of Tewksbury.
3. Billerica Open Space and Recreation Plan, 2008, Town of Billerica.
4. *Tewksbury Master Plan*, Town of Tewksbury, 2003.
5. 2000 U.S. Census. <<http://www.census.gov/>>
6. Massachusetts Department of Environmental Protection, *Source Water Assessment and Protection (SWAP) Report for Tewksbury Hospital*, <<http://www.mass.gov/dep/water/drinking/32950001.pdf>>
7. Environmental Protection Agency (EPA), <<http://www.epa.gov/ecoplaces/part2/region1/site10.html>>
8. Annual Report, Town of Tewksbury, Massachusetts. 2007.
9. Town of Tewksbury, Assessor's Office Database.
10. Massachusetts Department of Environmental Protection, Hazardous Material Release Inventory.
11. *2020 Vision: Planning for Growth in the Northern Middlesex Region*, prepared by Northern Middlesex Council of Governments, 2000.
12. *The Open Space Planner's Workbook*, Executive Office of Environmental Affairs, February 2001.
13. *Greater Lowell Comprehensive Economic Development Study*, prepared by Northern Middlesex Council of Governments, November 2004.
14. Igneous Rocks, <http://csmres.jmu.edu/geollab/Fichter/IgnRx/Ighome.html>
15. Natural Heritage and Endangered Species Program, priority habitat inventory, NHESP website.
16. MA Executive Office of Energy and Environmental Affairs, *Cities and Towns that Include Environmental Justice Communities*, Based on the 2000 U.S. Census Block Data.

APPENDIX A

Community Preservation Committee

Meeting Notices and Agendas

TOWN OF TEWKSBURY
COMMUNITY PRESERVATION COMMITTEE

Tuesday, May 29, 2007
At Tewksbury Town Hall

1009 Main Street

AGENDA

7:00 pm
After the May 29, 2007 Special Town Meeting

1. Approval of Minutes – March 27, 2007

2. Reorganization

3. Review of Articles Adopted at Annual and Special Town Meetings
 - 1- FY 08 Budget
 - 2- FY 08 Appropriations- Annual Town Meeting
 - 3- FY 07 Appropriations- Special Town Meeting

4. Other Business-
 - a. Update on Long Pond Study
 - b. Update on Open Space and Rec. Plan
 - b. Update on Town Hall Study
 - c. Update of dues payment of \$2,500 to the Mass. CPA Coalition

5. Review Guidelines for Payment of Projects
(Boxford example attached, Donna Walsh
revisions/recommendations to be determined.)

6. Next meeting date

7. Adjournment

TOWN OF TEWKSBURY

COMMUNITY PRESERVATION COMMITTEE

Thursday October 25, 2007
Saunders Circle

AGENDA

7:30 pm

1. Approval of Minutes – September 17, 2007
2. State Matching Funds Award letter/ State CPA payments list
3. Project Update
 - a. Update on Long Pond Study
 - b. Update on Town Hall Study
 - c. Update on Livingston Street Recreation Drainage Project/Land acquisition.
 - d. Update on Affordable Housing- Senior/Special Needs
 - e. Update on Open Space and Recreation Plan
4. Other business/Correspondence
5. Next meeting date
6. Adjournment

TOWN OF TEWKSBURY

COMMUNITY PRESERVATION COMMITTEE

Thursday November 29, 2007
Tewksbury Police Community Room

AGENDA

7:00 pm

1. Open Space Recreation Plan Visioning Session
2. Next Steps for Open Space Recreation Plan (survey)
3. Approval of Minutes – October 25, 2007
4. Project Update
 - a. Update on Long Pond Study
 - b. Update on Town Hall Study
 - c. Update on Livingston Street Recreation Drainage Project/Land acquisition.
 - d. Update on Affordable Housing- Senior/Special Needs
 - e. Update on Historic Survey
5. Next Round of applications/ deadlines
6. Next meeting date
7. Adjournment

TOWN OF TEWKSBURY
COMMUNITY PRESERVATION COMMITTEE

Monday February 4, 2008
Tewksbury Police Community Room

AGENDA

7:00 pm

1. Open Space Recreation Plan Visioning Session II
2. Next Steps for Open Space Recreation Plan (survey)
3. Approval of Minutes – January 17, 2008
4. Project Update
 - a. Update on Long Pond Study
 - b. Update on Town Hall Study
 - c. Update on Livingston Street Recreation Drainage Project/Land acquisition.
 - d. Update on Affordable Housing- Senior/Special Needs
 - e. Update on Historic Survey
5. Articles for 2008 Annual Town Meeting
6. Next meeting date
7. Adjournment

TOWN OF TEWKSBURY

COMMUNITY PRESERVATION COMMITTEE

Monday March 3, 2008
Tewksbury Housing Authority--Community Room
Saunders Circle

AGENDA

7:00 pm

1. Approval of February 4, 2008 Minutes
2. Selectmen's Request for Town Hall
3. Open Space Recreation Plan—Amend agreement
4. Project Updates
4. Next meeting date
5. Adjournment

TOWN OF TEWKSBURY

COMMUNITY PRESERVATION COMMITTEE

Monday May 19, 2008
Tewksbury Housing Authority--Community Room
Saunders Circle

AGENDA

7:00 pm

1. Intro of new Historic Commission Member- Tom Churchill
2. Reorganization and /or appointment of Vice Chair
3. Approval of 3/17/08 minutes
4. Long Pond Study update - Dan Coughlin
5. Open Space and Recreation Plan update - Beverly Woods
6. Discussion of May Town Meeting actions
(Town Hall Steps and Boiler etc)
7. Town Hall Renovation update
8. Reduction of Surcharge update
9. Historic Survey update
10. Senior Housing update
11. Livingston Recreation Land Status update
12. Next meeting date
13. Adjournment

TOWN OF TEWKSBURY

COMMUNITY PRESERVATION COMMITTEE

Monday July 28, 2008
Tewksbury Housing Authority--Community Room
Saunders Circle

AGENDA

7:00 pm

1. Approval of 5/19/08 minutes
2. A. Geographic Information System (GIS) Tewksbury Aerial Photo Opportunity- John Matley GIS Specialist, NMCOG
B. Open Space and Recreation Plan - Beverly Woods/Shawn Logue
4. Long Pond Study Update
5. Town Hall Renovation Update
6. Historic Survey Update
7. Senior Housing, HUD 202 Grant Application Update
8. Livingston Recreation Land Status Update
9. Next meeting date
10. Adjournment

APPENDIX B

Community Survey

f. Support open space preservation if taxes were not raised

g. Donate a conservation restriction on your land to limit land use

6. Rank the top three open space, recreation facilities, programs (public or private) or places in Town that you and your family use by placing the number 1, 2, & 3 next to the appropriate entity, with 1 being the most frequently used:

- | | |
|---|--|
| <input type="checkbox"/> Soccer fields | <input type="checkbox"/> Football fields |
| <input type="checkbox"/> Softball fields | <input type="checkbox"/> Baseball fields |
| <input type="checkbox"/> Library | <input type="checkbox"/> Tennis courts |
| <input type="checkbox"/> Basketball courts | <input type="checkbox"/> State Hospital land |
| <input type="checkbox"/> Town conservation land | <input type="checkbox"/> Livingston Park/Playground Area |
| <input type="checkbox"/> Rivers and Ponds | <input type="checkbox"/> Golf course |
| <input type="checkbox"/> Rogers Park | <input type="checkbox"/> Historic Sites |
| <input type="checkbox"/> None | <input type="checkbox"/> Lacrosse field |
| <input type="checkbox"/> School playgrounds and athletic fields (please specify which schools below): | |

7. List the top 3 recreation/open space areas, facilities or programs that the Town needs:

8. How satisfied are you with recreational facilities and activities in Tewksbury for adults and youths:

Adults: Very satisfied satisfied neutral dissatisfied very dissatisfied don't know
Youths: Very satisfied satisfied neutral dissatisfied very dissatisfied don't know

9. Do you go out of town for open space or recreation facilities; if so, where do you go and for what purpose?

No Yes

10. What landscapes, views, buildings, locations or other resources most symbolize Tewksbury's unique character?

11. What do you like most/least about Tewksbury's environment and outdoor experiences and places?

Best: _____

Least: _____

12. What is the most important *specific* open space or recreation actions the Town should take in the next five years? E.g. should the town acquire a specific piece of property, save a particular existing resource, initiate a particular program, concentrate on maintenance, etc.

THANK YOU FOR YOUR TIME AND COOPERATION!!!

APPENDIX C

Survey Summary

**TOWN OF TEWKSBURY
2008 OPEN SPACE AND RECREATION PLAN
TOTAL OF ALL SURVEY RESPONSES¹**

Total surveys sent out: 10,253 Returned: 2,686 Return Rate: 26.2%

1. The first question in the survey asked the respondent to identify how long he or she had lived in Tewksbury.

RESPONSE	# OF RESPONSES	% OF RESPONDENTS
UNDER 5 YEARS	392	14.6
5 – 20 YEARS	1013	37.7
OVER 20 YEARS	1095	40.8

2. Question two requested the age groupings in the family of the respondent.

RESPONSE	# OF RESPONSES	% OF RESPONDENTS
UNDER 4 YEARS	292	10.9
5 – 11 YEARS	598	22.3
12 – 19 YEARS	481	18.0
20 – 29 YEARS	564	21.0
30 – 44 YEARS	907	33.8
45 - 59 YEARS	1147	42.7
OVER 59 YEARS	1001	37.3

3. The third question asked respondents to indicate the area in Town where they reside.

AREA	# OF RESPONSES	% OF RESPONDENTS
South Tewksbury	742	26.6
North Tewksbury	685	25.5
Center of Town	444	16.5
West Tewksbury	313	11.7
East Tewksbury	245	9.1

¹ It should be noted that in all tabulations, the numbers will not add up to exact percentages due to rounding and the columns will not add up to the number of respondents since not all questions were answered by all respondents. It is significant to note that of the 2,686 surveys returned, 1,220 surveys, or 45%, contained at least one question that could not be included in the final tabulations since questions were not answered in a manner that the results could be accurately determined. For instance, many respondents answered questions four and six by ranking all entities with the same number or used the same number multiple times. In addition, 1,662 surveys, or 62%, were returned with at least one question unanswered on the form.

4. The fourth question in the survey asked respondents to rank six entities (A-F below) for preservation, on a scale of 1–6, with 1 being the most important.

A. Buildings or places of historical value

RESPONSE	# OF RESPONSES	% OF RESPONDENTS
1	148	5.5
2	155	5.8
3	270	10.1
4	280	10.4
5	228	10.7
6	359	13.4

B. Open space to meet water needs

RESPONSE	# OF RESPONSES	% OF RESPONDENTS
1	444	16.5
2	316	11.8
3	201	7.5
4	163	6.1
5	158	5.9
6	60	2.2

C. Open space to meet conservation needs

RESPONSE	# OF RESPONSES	% OF RESPONDENTS
1	286	10.6
2	382	14.2
3	269	10.0
4	206	7.7
5	147	5.5
6	81	3.0

D. Open space for active recreation

RESPONSE	# OF RESPONSES	% OF RESPONDENTS
1	324	12.1
2	206	7.7
3	248	9.2
4	241	9.0
5	177	6.6
6	171	6.4

E. Open space for passive recreation

RESPONSE	# OF RESPONSES	% OF RESPONDENTS
1	153	5.7
2	225	8.4
3	242	9.0
4	239	8.9
5	317	11.8
6	121	4.5

F. Open space for other activities

RESPONSE	# OF RESPONSES	% OF RESPONDENTS
1	45	1.7
2	90	3.4
3	164	6.1
4	196	7.3
5	271	10.1
6	570	21.2

5. The fifth question asked respondents to evaluate various specific options they would support for the preservation of additional open space, recreational facilities, programs or places.

PRESERVATION OPTION	# OF RESPONSES	% OF RESPONDENTS
Support open space preservation if taxes were not raised	1,561	58.2
Support seasonal or annual fees	981	36.5
Support tax increases for open space preservation	419	15.6
Rewrite your deed to limit future use of your land	242	9.0
Sell some of your land to the Town	169	7.3
Donate a conservation restriction on your land to limit use	133	5.0
Donate or sell land to the Town or land trust	91	3.4

6. The sixth question called for respondents to look at 17 entities and rank them for frequency of use; with 1 being the most used and 3 being the least used.

FACILITY	RANKING and % OF RESPONDENTS					
	1	%	2	%	3	%
Soccer fields	134	4.9	88	3.3	79	2.9
Softball fields	39	1.5	48	1.8	39	1.5
Library	564	21	280	10.4	230	8.6
Basketball courts	28	1.0	49	1.8	47	1.8
Town conservation land	55	2.0	87	3.2	92	3.4
Rivers and ponds	64	2.4	105	3.9	102	3.8
Rogers Park	11	0.4	21	0.8	35	1.3
None	152	5.8	8	0.3	17	0.6
Football fields	52	1.9	51	1.9	44	1.6
Baseball fields	106	3.9	101	2.8	69	2.6
Tennis courts	22	0.8	36	1.3	35	1.3
State Hospital land	92	3.4	101	2.8	96	3.6
Livingston Park area	326	12.1	336	12.5	226	8.4
Golf course	107	4	113	4.2	99	3.7
Historic sites	20	0.7	40	1.5	65	2.4
Lacrosse fields	12	0.4	18	0.6	24	0.9
School playgrounds and fields	44	1.6	71	2.6	102	3.8

The last item in question 6 asked the respondent to list the schools used (20 or more responses):

RESPONSE	# OF RESPONSES	% OF RESPONDENTS
High School	49	1.8
Dewing	39	1.5
Ryan	22	0.8
Heath Brook	21	0.8

7. Question seven asked respondents to list the top three open space/recreation facilities or programs that the town needs.

RESPONSE	# OF RESPONSES	% OF RESPONDENTS
Hiking/walking trails	214	8.0
Athletic fields/facilities ²	183	6.8
Bike paths	136	5.1

² The response indicating athletic fields and facilities included all types: football, baseball, basketball, tennis, soccer, lacrosse, track and softball. It should be noted, that 16 of these responses indicated that there should be separate facilities for girls only.

Other responses given 20 or more times:

RESPONSE	# OF RESPONSES	% OF RESPONDENTS
Ice skating rink	82	3.1
Swimming pool	76	2.8
Buy/Conserve open space	66	2.5
Playgrounds & Parks	58	2.2
Sidewalks	45	1.7
Dog park	36	1.3
Youth/teen activities	34	1.3
Town beach	28	1.0
Senior center/activities	20	0.7

8. The eighth question asked for a ranking of the respondents' satisfaction with "open space, recreational facilities, programs or places" for both adults and youth.

ADULTS			YOUTH		
	#	%		#	%
Very satisfied	219	8.2	Very satisfied	324	12.1
Satisfied	608	22.6	Satisfied	702	26.1
Neutral	630	23.5	Neutral	350	13.0
Dissatisfied	197	7.3	Dissatisfied	132	4.9
Very dissatisfied	107	4.0	Very dissatisfied	50	1.9
Don't know	349	13.0	Don't know	251	9.3

9. Question nine asked if the respondent went out of Town to use open space, recreational facilities, programs or places and if so, where and for what.

RESPONSE	# OF RESPONSES	% OF RESPONDENTS
Yes	1,260	46.9
No	850	31.6

Where (20 or more responses)

RESPONSE	# OF RESPONSES	% OF RESPONDENTS
New Hampshire	89	3.3
Lowell	73	2.7
The "Ocean"	48	1.8
Andover	44	1.6
Wakefield	37	1.4
Billerica	29	1.1
Woburn	24	0.9
Wilmington	21	0.8

What (20 or more responses)

RESPONSE	# OF RESPONSES	% OF RESPONDENTS
Hiking/walking	369	13.7
Swimming (ocean/pool)	153	5.7
Biking	107	4.0
Fishing	90	3.4
Play sports	83	3.1
Playgrounds/parks	75	2.8
Boating/water sports	65	2.4
Golf	46	1.7
Dog parks	28	1.0
Camping	21	0.8

10. The tenth question asked the respondents to rank the top three "landscapes, views, buildings, recreational areas or outdoor experiences," whether public or private, that most symbolized Tewksbury's unique character.

RESPONSE	# OF RESPONSES	% OF RESPONDENTS
Town center ³	822	30.6
State Hospital area	406	15.1
Livingston Street Park	188	7.0

Other responses mentioned 20 or more times:

RESPONSE	# OF RESPONSES	% OF RESPONDENTS
Library	136	5.1
Sculptures	109	4.1
Country club	71	2.6
None	42	1.6
Route 38	20	0.7

11. Question eleven asked for those "open space, recreational facilities, programs or places" that people like best and those they liked least. (20 or more responses)

Best:

RESPONSE	# OF RESPONSES	% OF RESPONDENTS
Livingston Street Park	318	11.8
Open spaces	155	5.8
State hospital land/area	100	3.7
None/nothing	66	2.4

³ This included the area as well as specifically cited buildings and/or structures including the Town hall, the fire station and the 9-11 Memorial.

Athletic fields	64	2.4
Town "feel"	46	1.7
Town center	45	1.7
Library	38	1.4
Parks and Playgrounds	30	1.1
Golf course	22	0.8

Least:

RESPONSE	# OF RESPONSES	% OF RESPONDENTS
Traffic/congestion/Rt. 38	202	7.5
Limit development	176	6.6
Town is not walkable	175	6.5
Lack of maintenance	60	2.2
Pig farm smell	48	1.8
Cell tower	38	1.4
Condition of schools/facilities ⁴	30	1.1
Blight ⁵	28	1.0

12. The final question, number twelve, asked what specific actions the Town should take in the next five years concerning open space and recreational issues. (20 or more responses)

RESPONSE	# OF RESPONSES	% OF RESPONDENTS
Limit development ⁶	377	14.0
Concentrate on maintenance	245	9.1
Develop hiking trails & bike paths	82	3.1
Keep State Hospital land undeveloped	82	3.1
Build sidewalks	48	1.8

⁴ There were over 30 responses between this question and question 12 that indicated that a new high school should be built.

⁵ The blighted areas most often mentioned were Livingston St. and Rt. 38. There were also 14 responses in question 12 with this response.

⁶ Included in this category are all responses concerning limiting or stopping all types of development and maintaining open space.

APPENDIX D

Visioning Session

Agenda, Handouts and Summary

TOWN OF TEWKSBURY

COMMUNITY PRESERVATION COMMITTEE

Thursday November 29, 2007
Tewksbury Police Community Room

AGENDA

7:00 pm

1. Open Space Recreation Plan Visioning Session
2. Next Steps for Open Space Recreation Plan (survey)
3. Approval of Minutes – October 25, 2007
4. Project Update
 - a. Update on Long Pond Study
 - b. Update on Town Hall Study
 - c. Update on Livingston Street Recreation Drainage Project/Land acquisition.
 - d. Update on Affordable Housing- Senior/Special Needs
 - e. Update on Historic Survey
5. Next Round of applications/ deadlines
6. Next meeting date
7. Adjournment

TOWN OF TEWKSBURY

COMMUNITY PRESERVATION COMMITTEE

Monday February 4, 2008
Tewksbury Police Community Room

AGENDA

7:00 pm

1. Open Space Recreation Plan Visioning Session II
2. Next Steps for Open Space Recreation Plan (survey)
3. Approval of Minutes – January 17, 2008
4. Project Update
 - a. Update on Long Pond Study
 - b. Update on Town Hall Study
 - c. Update on Livingston Street Recreation Drainage Project/Land acquisition.
 - d. Update on Affordable Housing- Senior/Special Needs
 - e. Update on Historic Survey
5. Articles for 2008 Annual Town Meeting
6. Next meeting date
7. Adjournment

Tewksbury Open Space and Recreation Plan

Questions and Answers

What are the benefits of developing an updated Open Space and Recreation Plan?

Developing an update Open Space and Recreation Plan provides the Town with an opportunity to maintain and enhance the open spaces that are critical to preserving the character of the community. Planning this “green infrastructure” of water resources, farms, forests, wildlife habitat, parks, recreation areas, trails, and greenways is important to the economic future of the community. A well thought out plan contributes to the quality of life, thereby increasing the desirability of the town as a place to live, work or visit.

Completion of the updated Open Space and Recreation Plan will help guide the Town’s future decision-making relative to the protection of natural resources and the implementation of recreational projects that best meet the needs of residents. A DCS-approved Plan will make the town eligible to receive Division of Conservation Services grant monies. The Plan must be updated every five years in order to maintain the town’s eligibility to receive these funds.

What are the components of an Open Space and Recreation Plan?

An Open Space and Recreation Plan must contain the following components in order to be approved by the Division of Conservation Services:

1. Plan Summary
2. Introduction
 - A. Statement of Purpose
 - B. Planning Process and Public Participation
3. Community Setting
 - A. Regional Context
 - B. History of the Community
 - C. Population Characteristics
 - D. Growth and Development Patterns
4. Environmental Inventory and Analysis
 - A. Geology, Soils and Topography
 - B. Landscape characteristics
 - C. Water Resources
 - D. Vegetation
 - E. Fisheries and Wildlife

- F. Scenic Resources and Unique Environments
- G. Environmental Challenges
- 5. Inventory of Lands of Conservation and Recreation Interests
 - A. Private Parcels
 - B. Public and Non-profit Parcels
- 6. Community Vision
 - A. Description of the Process
 - B. Statement of Open Space and Recreation Goals
- 7. Analysis of Needs
 - A. Summary of Resource Protection Needs
 - B. Summary of the Community's Needs
 - C. Management Needs, Potential Change of Use
- 8. Goals and Objectives
- 9. Five-Year Action Plan
- 10. Public Comments
- 11. References

Are there additional opportunities for the public to participate in the development of the Open Space and Recreation Plan?

There are several ways in which interested citizens can participate in the development of the Plan. A written survey has been prepared and will be distributed household with the annual town census. In addition, a copy of the survey can be found on the town's website: <http://www.tewksbury.info/dcd/Community%20Preservation/Index.html>. The information gathered from this survey will be utilized to assist the town in formulating the plan's goals and objectives.

The town's Community Preservation Committee will meet periodically throughout the plan development process. These meetings are open to the public and are posted at the Town Clerk's office.

An additional Public Meeting will be held in late Spring to receive comments from the public relative to the plan's recommendations. This meeting will be advertised on the Town's website, in the *Town Crier* and the *Lowell Sun*.

What is a Visioning Session?

A visioning session emphasizes brainstorming and open discussion, and in the case of the Open Space and Recreation Plan, the results will be used to help develop the goals and objectives of the Plan. During this evening's visioning session, participants will be asked to address the following:

- What are the Town's strengths/assets in terms of Open Space and Recreation?
- What are the community's weaknesses or liabilities?
- What opportunities does the Town have to improve upon or expand its existing open space and recreation facilities or programs?
- What challenges lie ahead? What concerns need to be addressed in order to move forward or address the Town's open space and recreation needs?

Tewksbury Open Space and Recreation Plan Visioning Session Summary

Overview

Visioning sessions were conducted on November 29, 2007 and February 4, 2008 to provide input and assistance in the development of the plan's goals and objectives. The goals and objectives provide the overall foundation upon which the Open Space and Recreation Plan is constructed. The visioning sessions emphasized brainstorming and open discussion. During the evening, participants were asked to address the following:

- What are the Town's strengths /assets in terms of Open Space and Recreation facilities and programs?
- What are the community's weaknesses and liabilities in this regard?
- What opportunities does the Town have to improve upon or expand its existing open space and recreation facilities and/or programs?
- What challenges lie ahead? What concerns need to be addressed in order to move forward to meet the Town's open space and recreation needs?

Participant responses are summarized below.

Strengths and Assets

The following were identified as the community's strengths and/or assets relative to open space and recreation facilities and programs:

- The Livingston Recreational Area
- State Hospital Land--preservation of 400 acres
- Open Space Residential Development Bylaw
- Access to the High School track
- Coordination and collaboration between the town and youth sports organizations
- Civic participation in the development and maintenance of youth sports athletic fields
- Pinnacle Street Railroad right-of-way near school fields
- The three local golf courses

- The Merrimack and Shawsheen Rivers
- The Great Swamp and the Parisi Land
- Frasca Field soccer facilities (state-owned)
- Large participation in the youth sports network, and the support that is provided by the community.
- Rogers Park and Fosters Park (although both are underutilized).
- Funway Park
- DPW Program to open culverts, remove beaver dams and control flooding (East Street)
- The number of athletic fields.
- Local ponds such as Round Pond, Mud Pond, Ames Pond, Long Pond, and Kettle Pond (Livingston Street).
- Wildlife such as turtles, blue heron, and wild turkeys

Weaknesses and Liabilities

The following were identified as the community's weaknesses and liabilities relative to open space and recreation facilities and programs:

- Financial limitations and constraints.
- Lack of overall maintenance; no maintenance plan is in place and there is a shortage of funding to meet maintenance needs.
- Lack of civic participation in development and maintenance of conservation and recreation areas.
- Lack of parking at athletic fields.
- Limited purchase of open space – Due to budgetary considerations the town's purchase of open space has been limited.
- Lack of suitable areas for walking, bicycling and skating; lack of official trails.
- Route 38.

- Fragmented open space/lack of planning
- Poor water quality of ponds.
- No outdoor ice skating, cross country skiing, or snowshoeing
- Insufficient playing fields- The shortage of playing fields results in overscheduling and overuse of the current fields. The construction of additional playing fields would provide time for the turf to recover. There are also regulatory issues that need to be addressed.
- Lack of posting to prohibit motorized vehicles/lack of enforcement.
- Limited recreational facilities – Need a permanent home for the cross-country team.
- Field drainage problems.
- Majority of youth sports fields are under state ownership/not under local control.

Opportunities for Improvement/Expansion

- Pursue funding – Upon completion of the Plan, the town needs to pursue federal, state and local funding sources for open space acquisition and for improvements to the town’s recreational facilities.
- Keep communication open with legislators regarding the Livingston Street land; seek legislation to provide flexibility and a plan for leasing and management of the State Hospital land.
- Take advantage of the conservation and recreation opportunities for the Great Swamp, Kettle Pond, and Ames Pond.
- Provide increased opportunities for walking and bicycling, such as the establishment of the Bay Circuit Trail
- Increase utilization of Foster Park and Rogers Park.
- Increase public education and awareness relative to conservation and recreation issues. Such efforts should include providing information concerning the location of recreation and conservation resources and facilities.
- Encourage partnering between the Town and SWEAT.

Challenges and Concerns

- Financial Resources - Additional financial resources are necessary to address the open space and recreation needs of the town.
- Lack of civic engagement and public interest.
- Increased public awareness and education is needed to promote conservation, and stress the importance of recreation facilities and programs to the overall quality of life for town residents.
- Public buy-in is needed to advance the initiatives outlined in the Open Space and Recreation Plan
- Access issues need to be addressed.
- A plan is needed to connect fragmented open space.
- Ownership issues related to conservation parcels and recreational facilities need to be resolved.
- Appropriate land for the development of recreational facilities needs to be identified.
- A plan needs to be developed for allocating and prioritizing resources and facilities.
- Design standards for OSRD projects should be revised to ensure access to open space and common areas.

APPENDIX E

Public Meeting Notice, Agenda, and Letters of Support



TOWN OF TEWKSBURY

999 WHIPPLE RD
TEWKSBURY, MASSACHUSETTS 01876

DEPARTMENT OF COMMUNITY DEVELOPMENT

STEVEN J. SADWICK, AICP
DIRECTOR

(978) 640-4370
FAX (978) 640-4365

February 4, 2009

COMMUNITY PRESERVATION COMMITTEE PUBLIC MEETING

The Community Preservation Committee will conduct a Public Meeting on the Tewksbury Open Space and Recreation Plan on Monday, February 9, 2009 at 8:00 P.M. in the Tewksbury Town Hall Auditorium, 1009 Main Street, Tewksbury, MA.

Nancy Reed, Chair

Town of Tewksbury
Department of Community Development

FEBRUARY 2009 Calendar

Date	Organization	Time	Location
February 2	Community Preservation Committee	7:00 p.m.	Housing Authority
February 3	Economic Development Committee	7:00 p.m.	Senior Center
February 4	Zoning Bylaw Subcommittee	7:00 p.m.	DPW Conference Room
February 4	Conservation Commission	7:00 p.m.	Town Hall
February 5	Board of Health	7:00 p.m.	Town Hall
February 9	Planning Board	7:00 p.m.	Town Hall
February 9	Community Preservation Committee	8:00 p.m.	Town Hall
February 11	Local Housing Partnership	7:00 p.m.	Housing Authority
February 12	Board Training Session	7:00 p.m.	Town Hall
February 18	Conservation Commission	7:00 p.m.	Town Hall
February 19	Board of Health	7:00 p.m.	Town Hall
February 23	Planning Board	7:00 p.m.	Town Hall
February 25	Local Housing Partnership	7:00 p.m.	Housing Authority
February 26	Tri Town Task Force	8:00 a.m.	Tewksbury Library
February 26	Zoning Board of Appeals	6:30 p.m.	Town Hall

Date Last Update:

APPROVED



posted
1/28



Northern Middlesex Council of Governments

June 2, 2009

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:

Billerica

Chelmsford

Dracut

Dunstable

Lowell

Pepperell

Tewksbury

Tyngsborough

Westford

Dear Ms. Cryan:

The Northern Middlesex Council of Governments (NMCOG) has reviewed the Draft Open Space and Recreation Plan for the Town of Tewksbury. NMCOG staff finds the Plan to be thorough and consistent with the *Greater Lowell Open Space and Recreation Plan*. The town's objectives of addressing the maintenance needs of its conservation and recreation facilities, educating residents on the value of open space preservation, and preserving its historic resources will benefit the region overall.

The Plan complies with the guidelines set forth by your office, and provides town decision-makers with specific guidance for protecting and maintaining the community's open spaces, enhancing its recreation facilities and programs, and preserving structures and landscapes of historic significance. Such a coordinated and well-planned initiative will ensure that the special places that make Tewksbury unique can be enjoyed by future generations. By undertaking this plan, the Town has recognized that protection and stewardship of its natural, cultural and historic resources is essential to the overall quality of life, health, economic vitality and sustainability of the community.

James G. Silva
Chair

Beverly A. Woods
Executive Director

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.

40 Church Street, Suite 200
Lowell, MA
01852-2686

TEL: (978) 454.8021

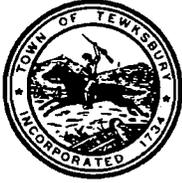
FAX: (978) 454-8023

www.nmcog.org

Sincerely,

Beverly Woods
Executive Director

cc: David Cressman, Town Manager
Nancy Reed, Chair, Community Preservation Committee
Steve Sadwick, Community Development Director
NMCOG Councilors



TOWN OF TEWKSBURY

999 WHIPPLE RD

TEWKSBURY, MASSACHUSETTS 01876

PLANNING BOARD

DAVID PLUNKETT, CHAIRMAN

(978) 640-4370

SAL TORNAME, VICE CHAIR

FAX (978) 640-4365

NANCY REED, CLERK

ROBERT FOWLER

VINCENT SPADA

June 15, 2009

Mrs. Nancy Reed, Chair
Community Preservation Committee
999 Whipple Road
Tewksbury, MA 01876

Re: Endorsement of Tewksbury's 2009 Open Space and Recreation Plan

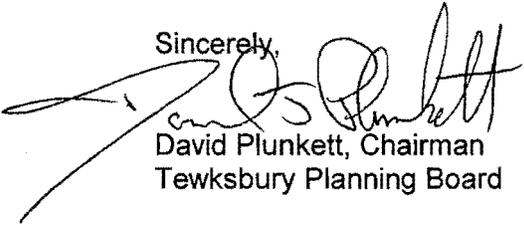
Dear Mrs. Reed:

The Tewksbury Planning Board has appreciated the continued updates that you, the Community Preservation Committee (CPC) and the Community Development Director have provided to the Board regarding the 2009 Open Space and Recreation Plan. At the Planning Board's June 15, 2009 meeting, the Board voted unanimously to strongly endorse the 2009 Open Space and Recreation Plan.

The Plan is a complementary document to the Town's 2003/ 2004 Master Plan and provides significant insight into the Town's open space and recreation needs. The mapping and tables provide additional tools for future planning efforts.

The Tewksbury Planning Board strongly endorses this plan and congratulates the Community Preservation Committee for undertaking this task with the Northern Middlesex Council of Governments.

Sincerely,



David Plunkett, Chairman
Tewksbury Planning Board



TOWN OF TEWKSBURY

999 WHIPPLE RD
TEWKSBURY, MASSACHUSETTS 01876

CONSERVATION COMMISSION

STANLEY FOLTA, CHAIRMAN
ANTHONY IPPOLITO, VICE CHAIRMAN
LAURENCE BAIRSTOW, CLERK
PATRICIA POWERS
STEPHEN DEACKOFF

(978) 640-4370
FAX (978) 640-4365

June 12, 2009

Mrs. Nancy Reed, Chair
Community Preservation Committee
999 Whipple Road
Tewksbury, MA 01876

Re: Endorsement of Tewksbury's 2009 Open Space and Recreation Plan

Dear Mrs. Reed:

It is with much pleasure that the Tewksbury Conservation Commission voted on June 3, 2009 to endorse the work of the Community Preservation Committee in the preparation of the updated Open Space and Recreation Plan.

It is clear from a review of the document that it has been designed to provide the most comprehensive and up-to-date listing of available open space land resources, along with a strategic guide for future action.

The Tewksbury Conservation Commission looks forward to working with the CPC and other municipal departments and committees implementing the objectives of the plan.

Sincerely,

Stanley Folta, Chairman
Tewksbury Conservation Commission



BOARD OF SELECTMEN

TOWN OF TEWKSBURY

TOWN HALL

1009 MAIN ST

TEWKSBURY, MASSACHUSETTS 01876

TODD R JOHNSON, CHAIRMAN
ANNE MARIE STRONACH, VICE CHAIRMAN
SCOTT WILSON, CLERK
DAVID H. GAY
DOUGLAS W. SEARS

(978) 640-4300
FAX (978) 640-4302

June 15, 2009

Ms. Melissa Cryan, Grants Manager
Division of Conservation Services
100 Cambridge Street, Suite 900
Boston, MA 0114

Re: Endorsement and Submittal of Tewksbury's 2009 Open Space and Recreation Plan

Dear Ms. Cryan:

The Tewksbury Board of Selectmen voted unanimously at its May 19, 2009 meeting to endorse and submit the 2009 Open Space and Recreation Plan to your office.

The Board of Selectmen finds that the Plan is thorough and carefully considers and addresses Tewksbury's open space and recreation needs over the next five years. The Board is appreciative of the time and effort that the Community Preservation Committee spent in developing this important guide for the future of Tewksbury's open space and recreation assets. This document will serve the community well in the years to come.

The Tewksbury Board of Selectmen looks forward to an approval from the Department of Conservation Services in the very near future. Any questions you may have regarding the submittal can be directed to Tewksbury's Community Development Director, Steve Sadwick at 978-640-4370 or at ssadwick@town.tewksbury.ma.us.

Sincerely,

Todd Johnson, Chairman
Tewksbury Board of Selectmen



TOWN OF TEWKSBURY

999 WHIPPLE RD
TEWKSBURY, MASSACHUSETTS 01876

COMMUNITY PRESERVATION COMMITTEE

NANCY REED, CHAIR
DONNA PELCZAR, VICE CHAIR
LARRY BAIRSTOW, CLERK
TOM CHURCHILL
DAVID CRESSMAN
CORINNE DELANEY
DAVID GAY

TEL (978) 640-4370
FAX (978) 640-4365

STEVEN J. SADWICK, AICP
Director of Community Development

June 10, 2009

Ms. Melissa Cryan, Grants Manager
Division of Conservation Services
100 Cambridge Street, Suite 900
Boston, MA 02114

Dear Ms. Cryan:

The Community Preservation Committee is hereby presenting you with our endorsement of the completed 2009 Open Space and Recreation Plan for the Town of Tewksbury. At our meeting on June 8, 2009, we unanimously voted to relay our full support of this plan to your office.

The plan was developed over a one-year process with our consultant, Beverly Woods, Executive Director, Northern Middlesex Council of Governments (NMCOG), and her staff Shaun Logue, Planner and John Matley, GIS Director. Tewksbury's Chief Assessor, Jay Kelley and the Director of Community Development, Steven Sadwick also contributed their effort, time and knowledge in working with NMCOG developing this plan.

Attached you will find a thoughtfully prepared comprehensive plan about the open space and natural resources of our town.

Please feel free to contact me or Steve Sadwick at the number above with any questions you might have regarding this plan.

Thank you for your time and consideration of this important matter.

Sincerely,

Nancy Reed

APPENDIX F

Glossary of Terms – Table 20

Reportable Hazardous Material Releases

[Skip Navigation](#)

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[Mass.Gov Home](#)

[State Agencies](#)

[State Online Services](#)

[site map](#) [contacts](#) [search:](#)

[dep home](#) > [cleanup of spills & sites](#) > [sites & locations](#) > [site lookup & status](#)



MassDEP Quick Links:



About MassDEP

Public Participation & News

Air & Climate

Water, Wastewater & Wetlands

Waste & Recycling

Toxics & Hazards

Cleanup of Sites & Spills

- :: [priorities & results](#)
- :: [sites & locations](#)
 - [site lookup & status](#)
 - [site activity & use limitations](#)
 - [response action outcomes](#)
 - [site-specific information](#)
 - [public involvement](#)
- :: [help for homeowners & businesses](#)
- :: [brownfields program](#)
- :: [licensed site professionals](#)
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- :: [grants & financial assistance](#)
- :: [compliance assistance](#)
- :: [enforcement](#)

Service Center



- [Calendar](#)
- [My Community](#)
- [Online Services](#)
- [Regional Offices](#)
- [Report Pollution](#)

Definitions of Fields Listed in Search Results

Release Tracking Number (RTN):

The number assigned to every site /reportable release. This number is preceded by 1, 2, 3, or 4 depending on the region where the release/site is located (e.g., 3-0001234). Corresponding regions are:

- Western Region
- Central Region
- Northeast Region
- Southeast Region

Additional information about RTNs may be found here.

City/Town:

The city or town where the release of oil or hazardous material occurred. Boston and Barnstable are also broken down by neighborhood or village (e.g., Boston-Brighton, Barnstable-Hyannis)

Release Address:

The number and street that most accurately describe the site/release location.

Site Name/Location Aid:

Describes the site in terms of its location, use, or type ("Bob's Gas Station" or "Across from Building 1").

Reporting Category:

How quickly a release must be reported to DEP. The potential severity of a release dictates how soon it must be reported. Reporting categories are 2 hours, 72 hours, and 120 days.

Notification Date:

The date DEP uses to establish 21E deadlines. This date is usually the date when the site/release was reported to DEP. However, for some sites, especially those dating before 1993, the notification date may be later than the date DEP first learned about the site.

Compliance Status:

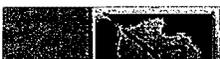
21E sites compliance status definitions:

- **ADEQUATE REG (Adequately Regulated):** A site/release where response actions are deemed adequately regulated under another DEP program or by another government agency.

- **DEPMOU (Memorandum of Understanding):** A site/release where DEP has a Memorandum of Understanding or other written agreement with a responsible party.
- **DPS (Downgradient Property Status):** A site where a DPS Submittal to DEP has stated that contamination on the property is coming from an upgradient property.
- **DPSTRM (Downgradient Property Status Terminated):** A site where Downgradient Property Status has been terminated.
- **INVSUB (Invalid Submittal):** An RAO Statement that was submitted for the site has been determined to be invalid by DEP.
- **RAO (Response Action Outcome):** A site/release where an RAO Statement was submitted. An RAO Statement asserts that response actions were sufficient to achieve a level of no significant risk or at least ensure that all substantial hazards were eliminated.
- **REMOPS (Remedy Operation Status):** A site where a remedial system which relies upon Active Operation and Maintenance is being operated for the purpose of achieving a Permanent Solution.
- **ROSTRM:** A site where Remedy Operation Status has been terminated.
- **RTN Closed:** Future response actions addressing the release associated with this Release Tracking Number (RTN) will be conducted as part of the response actions planned for the site under another "primary" RTN.
- **SPECPR (Special Project):** The site has Special Project status.
- **STMRET (Statement Retracted):** An RAO Statement that had been submitted for the site has been retracted.
- **TCLASS (Tier Classification):** A site/release where a Tier Classification Submittal was received, but the classification type has not been confirmed by DEP.
- **URAM:** A Release Tracking Number has been assigned to a release where a Utility-abatement Measure is being or was performed.

Note: Sites are usually Tier Classified using the Numerical Ranking System (NRS). The NRS scores sites on a point system based on a variety of factors. These include the site's complexity, the type of contamination, and the potential for human or environmental exposure to the contamination. In addition, some sites are automatically classified as Tier 1 sites if they pose an imminent hazard, affect public water supplies, or miss regulatory deadlines.

- **TIER 1A:** A site/release receiving a total NRS score equal to or greater than 550. These sites/releases require a permit and the person undertaking response actions must do so under direct DEP supervision.
- **TIER 1B:** A site/release receiving an NRS score of less than 550 and equal to or greater than 450. These sites/releases also require a permit, but response actions may be performed under the supervision of a Licensed Site Professional (LSP) without prior DEP approval.
- **TIER 1C:** A site/release receiving a total NRS score of less than 450 and equal to or greater than 350. A site/release receiving a total NRS score of less than 350, but which meets any of the Tier 1 Inclusionary Criteria specified in 310 CMR 40.0520(2) (a), is also classified a Tier 1C. These sites/releases also require a permit, but response actions may be performed under the supervision of an LSP without prior DEP approval.
- **TIER 2:** A site/release receiving a total NRS score of less than 350, unless the site meets any of the Tier 1 Inclusionary Criteria (see above). Permits are not required at Tier 2 sites/releases and response actions may be performed under the supervision of an LSP without prior DEP approval. All pre-1993 transition sites that



have accepted waivers are categorically Tier 2 sites.

- **TIER 1D:** A site/release where the responsible party fails to provide a required submittal to DEP by a specified deadline. Note: formerly **Default Tier 1B**.
- **UNCLASSIFIED:** A release that has not reached its Tier Classification deadline (usually one year after it was reported), and where an RAO Statement, DPS Submittal, or Tier Classification Submittal has not been received by DEP.

The following definitions apply to sites that were reported to DEP prior to October 1993 and which were regulated under an older version of the MCP:

- **DEPNDS:** DEP Not a Disposal Site means that DEP has determined that these locations did not need to be reported and are not disposal sites.
- **DEPNFA:** DEP No Further Action means that response actions were conducted and DEP determined that no further action was needed for the site.
- **LSPNFA:** LSP No Further Action means that response actions were conducted and an LSP has determined that no further action was needed for the site.
- **PENNDs:** Pending Not a Disposal Site means a document was submitted to DEP asserting that these locations did not need to be reported and are not disposal sites. These submittals are considered pending until DEP audits them.
- **PENNFA:** Pending No Further Action means a document was submitted to DEP asserting that a site assessment had determined that no further action was required. These submittals are considered pending until DEP audits them.
- **WCSPRM:** A Waiver Completion Statement has been submitted to DEP.

Compliance Status Date:

The date a release/site was listed as its current compliance status.

Phase:

Indicates the release/site cleanup phase.

- **No Phase:** Phase report not required or not submitted.
- **Phase I:** Initial Site Investigation, including Tier Classification. In this phase, samples are collected and analyzed to determine the types, amounts, and location of contaminants.
- **Phase II:** Comprehensive Site Assessment. During Phase II, the risks posed to public health, welfare, and the environment are determined.
- **Phase III:** Identification, Evaluation, and Selection of Comprehensive Remedial Action Alternatives and the Remedial Action Plan. In Phase III, cleanup options are assessed and a cleanup plan is selected.
- **Phase IV:** Implementation of the Selected Remedial Action Alternative and Remedy Implementation Plan. The cleanup plan is implemented in Phase IV.
- **Phase V:** Operation, Maintenance, and/or Monitoring. During Phase V, long-term treatment processes are implemented and monitored to track cleanup progress.

RAO Class:

The class of Remedial Action Outcome submitted to the Department:

- **Class A RAO-** Remedial work was completed and a level of "no significant risk" has been achieved.

A1: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

A2: A permanent solution has been achieved. Contamination has not been reduced to background.

A3: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

A4: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented. Contamination is located at a depth of >15 feet but evaluation has determined that it is not feasible to reduce it.

- **Class B RAO-** Site assessment indicates that "no significant risk" exists. No remedial work was necessary.

B1: Remedial actions have not been conducted because a level of No Significant Risk exists.

B2: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more Activity and use Limitations (AULs) that have been implemented.

B3: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more Activity and use Limitations (AULs) that have been implemented, and contamination is located at a depth of >15 feet but evaluation has determined that it is not feasible to reduce it.

- **Class C RAO-** A temporary cleanup. Although the site does not present a "substantial hazard", it has not reached a level of no significant risk. The site must be evaluated every five years to determine whether a Class A or Class B RAO is possible. All sites are expected eventually to receive a Class A or B RAO.

*Note: **Activity and Use Limitations (AULs)** are legal restrictions used in the context of the Massachusetts Contingency Plan to limit future exposure to contaminants remaining at a site. See *Guidance on Implementing Activity and Use Limitations* for additional information.*



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Site Type: Long Term/National Priorities List (NPL) [?](#)

SUTTON BROOK DISPOSAL AREA

Tewksbury, Massachusetts [Click here for interactive map](#)

Middlesex County

Street Address: OFF OF SOUTH STREET

Zip Code: 01876

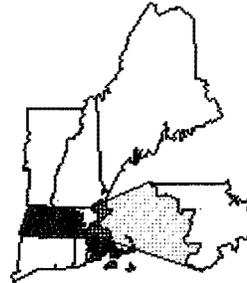
Congressional

District(s): 05

EPA ID #: MAD980520696

Site ID #: 0100686

Site Aliases:



[Get an interactive map](#)

Site Responsibility:

NPL LISTING HISTORY	
Proposed Date	07/27/2000
Final Date	06/14/2001

Site Description

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The Sutton Brook Disposal Area ("the site"), which is roughly synonymous with the Rocco's Disposal Area site, is located off South Street on the eastern boundary of Tewksbury, Middlesex County, Massachusetts. The site is in excess of 50 acres. A small portion of the site also extends into the Town of Wilmington, Massachusetts. The Sutton Brook Disposal Area is bound by a former railroad grade along the northern boundary, beyond which is a former piggery and a forested area; residential properties to the west; undeveloped woodland and wetlands to the south; and the Tewksbury/Wilmington Town Line and agricultural land to the east. The site comprises three source areas; a 50-acre landfill, an area of buried drums, and contaminated soils associated with the drum disposal area. These three source areas are located on what is known as the Rocco's Disposal Area. Waste disposal activities at the Sutton Brook Disposal Area can be traced back to at least 1957, when an area of the site was used as a "burning dump." This area was originally designated by the Tewksbury Board of Health as a temporary disposal area (landfill). In 1961, the temporary assignment was modified to require

that the landfill on the site be operated as a sanitary landfill, accepting municipal refuse generated only in the Town of Tewksbury, Massachusetts. The assignment was not complied with, as the landfill accepted municipal, commercial, and industrial wastes from both inside and outside the Town of Tewksbury. The owners of the landfill received numerous citations from state and local officials for violating Massachusetts Sanitary Landfill Regulations.

In 1966, the Town of Tewksbury was ordered by the Commonwealth of Massachusetts (the Commonwealth) Commissioner of Public Health to operate the landfill using the sanitary landfill method. However, after 1966, there were documented occurrences of landfill burning, uncovered waste areas, the filling in of on-site wetlands, wastes disposed below the water table, and landfill slopes which exceeded operation plans. Due to these violations, the Commonwealth ordered the closure of the landfill in 1979. At the time of its closure, the landfill was accepting in excess of 250 tons of waste per day. Despite the closure order, landfill operations continued until 1982, when official landfill operations were suspended, yet waste acceptance continued through 1988.

In 1983, a loam screening business began operation on the property. On August 11, 1983, during an inspection by the Massachusetts Department of Environmental Quality Engineering (MADEQE) (currently MADEP), underground burning was observed through fissures in the ground in the southern landfill lobe. During a subsequent inspection conducted by MA DEQE personnel on August 12, 1983, flames and smoke were no longer visible after heavy machinery had covered the fissures with soil. Subsequent investigations by Tewksbury Health Inspectors and MADEQE documented piles of demolition debris and soil on areas of the property, in some cases adjacent to and/or encroaching upon on-site wetland areas.

This 50 acre landfill area has an estimated volume of approximately 1.9 million cubic yards. During the 1999 EPA Superfund Technical Assistance and Response Team (START) on-site reconnaissance, a number of erosional cuts, leachate seeps, and collapsed areas were observed in the cover material of the landfill. Sutton Brook (and associated wetlands) flows east to west through the property, dividing the landfill into northern and southern lobes. Additional wetlands areas are located south of the landfill and along the eastern and western portions of the property. Approximately 300 yards south of the landfill is an unnamed pond, used seasonally for ice skating.

During the Winter of 2000-2001, EPA installed 14 groundwater monitoring wells, and obtained samples from 22 monitoring wells in the vicinity of the Rocco Landfill in order to get a current assessment of the condition of groundwater which may be leaving the site. In

addition to the analytical samples, groundwater level measurements were taken at a total of 43 wells. The water level measurements are used to help establish and map groundwater flow directions. The groundwater analytical data suggest that there is contamination discharging to groundwater from the northern and southern lobes of the Rocco Landfill. It appears that the affected groundwater flows towards Sutton Brook from the south (from the southern lobe, and towards Sutton Brook from the north (from the northern lobe). A report containing the results of this effort has been sent to the site repositories listed below. In 2002 and 2003 EPA sampled and analyzed water from private wells near the site. These wells do not appear to have been affected by the site.

Threats and Contaminants

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Numerous investigations of the site by local, state, and federal organizations have revealed the presence of volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), pesticides, polychlorinated biphenyls (PCBs), and inorganic elements in on-site and off-site ground water, surface water, sediment, soil, and VOCs and SVOCs in air samples.

Cleanup Approach

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The major components of the remedy selected in the September 2007 Record of Decision (ROD) include the following:

- Excavation of contaminated soils exceeding site-specific cleanup levels from the Former Drum Disposal Area and the former Garage and Storage Area;
- Excavation of contaminated soils and sediments exceeding site-specific cleanup levels from a portion of Sutton Brook between the two landfill lobes;
- Consolidation of excavated soils and sediments along with other debris adjacent to the landfills into the landfills;
- Construction of a low permeability cap over both landfill lobes, including systems to collect and manage gases and stormwater from the landfills;
- Construction of a vertical barrier to intercept groundwater from the southern landfill to prevent it from entering Sutton Brook;
- Collection and treatment of contaminated groundwater from an area west of the southern landfill lobe;
- Monitored natural attenuation of areas of groundwater contamination not captured by the extraction system, with a contingency to expand the area of active groundwater remediation, if necessary;
- Institutional controls such as deed restrictions and/or local ordinances to prevent unacceptable exposures to wastes left in place and to restrict exposure to contaminated groundwater until cleanup levels are met; and
- Long-term groundwater, surface water, and sediment monitoring, and periodic five-year reviews of the remedy.

Response Action Status

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Initial Action	Three separate removal actions were undertaken during the 2000 by EPA. The actions involved excavation and removal of contaminated soils and deteriorated drums. Excavation and removal of contaminated materials has been completed at all 3 areas.
Entire Site	In February 2004, following investigation and negotiations, EPA reached an agreement with 25 responsible parties (RPs) to conduct the necessary studies at the Sutton Brook Disposal Area site. These parties have agreed to conduct the Remedial Investigation/Feasibility Study (RI/FS). The RI/FS characterizes the site with regard to the nature and extent of contamination, as well as what risks may exist (RI), and then develops and evaluates cleanup alternatives to address the risks (FS). Remedial Investigation field work, which includes, soil, surface water, sediment and groundwater sampling and analysis, as well as landfill delineation, site survey and other activities, was conducted from September to December 2004. A draft RI Report was submitted to EPA by the RPs in the spring of 2005. Following review of the draft RI Report by EPA, additional data needs were identified. In the fall of 2005, the RPs collected additional soil, sediment, surface water and groundwater data. An updated RI Report was submitted by the RPs, for EPA review, in late spring of 2006. The draft Feasibility Study (FS) was submitted to EPA in September 2006. The RI and the FS were completed in the spring of 2007 and are available in the site repositories (Tewksbury Public Library and EPA's Boston office). A public comment period regarding EPA's Proposed Cleanup Plan ended on July 28, 2007. A Record of Decision (ROD) choosing a remedy for the site was completed in September 2007. The ROD is available on this website as well as in the site repositories. In 2008, EPA expects to commence negotiations with responsible parties to design and construct the remedy.

Environmental Progress

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Three removal actions in which contaminated soils and deteriorated drums were excavated for removal, have been undertaken. All three removal actions have been completed

Current Site Status

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As described above, the Remedial Investigation and the Feasibility Study have been completed and a cleanup plan has been selected. The Record of Decision, which outlines the remedy for the site, was completed in September 2007. In 2008, EPA expects to commence negotiations with responsible parties to design and construct the remedy.

Site Photos

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Links to Other Site Information

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[Disclaimer](#) [Instructions about PDF](#) 

Newsletters & Press Releases:

[Recent Press Releases about this project \(if any\)](#)

Federal Register Notices:

[Proposed NPL Listing](#)

[Final NPL Listing](#)

Administrative Records:

[Proposed Plan, June 1, 2007 \(1.97 MB\)](#) 

[Index for Record of Decision \(ROD\) Proposed Plan, Operable Unit 1, June 1, 2007 \(312.77 KB\)](#) 

[Index for Record of Decision \(ROD\), Operable Unit 1, October 1, 2007 \(936.60 KB\)](#) 

Decision Documents:

[View Records of Decision \(RODS\) on-line \(EPA HQ\)](#)

[Public Information Meeting, EPA's Proposed Cleanup Plan, June 27, 2007 \(3.81 MB\)](#) 

[Record of Decision, September 27, 2007 \(Opening File is 10.93 with Links to Two Additional PDF Files\)](#) 

Other Links:

[NPL Site Narrative at Listing:](#)

Site Repositories

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Tewksbury Public Library, 300 Chandler Street, Tewksbury, MA 01876 (978)640-4490

EPA New England Records Center, One Congress Street, Boston, MA 02114 (617) 918-1440

Contacts

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EPA Remedial Project Manager: **Don McElroy**
Address: 1 Congress Street, Suite 1100 - HBO
Boston, MA 02114-2023
Phone #: (617) 918-1326
E-Mail Address: mcelroy.don@epa.gov

EPA Community Involvement Coordinator: **Sarah White**
Address: 1 Congress Street Suite 1100
Boston, MA 02114-2023
Phone #: (617) 918-1026
E-Mail Address: white.sarah@epa.gov

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Last updated on Wednesday, October 3rd, 2007
URL: <http://www.epa.gov/region1/superfund/sites/suttonbrook>

APPENDIX G

Section 504 Self-Evaluation

2009 Town of Tewksbury Open Space and Recreation Plan Update

Section 504 Self Evaluation

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Designation of Section 504 Coordinator

The Section 504 Coordinator is Edward Johnson, ADA Coordinator and Building Commissioner.

Grievance Procedures

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

Public Notification Requirements

Employment advertising contains non-discrimination statements and the Recreation Department attempts to accommodate any special needs.

Program Accessibility

All government, recreation, elder services and public service programs provided by the Town of Tewksbury are readily accessible and useable by people with disabilities. These programs are held in buildings and facilities that provide full accessibility.

Transition Plan

Since the 1998 Open Space and Recreation Plan, the Town has been upgrading facilities to accommodate disabled persons. The Tewksbury Senior Center has been recently renovated and expanded and is completely accessible.

Facility Inventory

All recreational facilities associated with the public schools have adequate access for disabled persons.

Employment practices

Tewksbury is an equal opportunity employer.

Inventory of Open Space Facilities Owned by the Conservation commission or Recreation Department

The conservation commission and the Recreation Department manage certain properties for the Town of Tewksbury, but ownership rests with the Town. Some of these, especially those, managed by the Conservation Commission, e.g. wetlands, are not intended for public access.

Accessibility of other facilities

The accessibility of privately owned facilities e.g. the county club, is unknown.

FACILITIES INVENTORY

AND

TRANSITION PLAN

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

Facility: Livingston Park
Location: Livingston Street
Manager: Parks & Recreation Department

ACTIVITY	EQUIPMENT	ASSESSMENT	TRANSITION PLAN
Parking	Paved parking lot with handicapped spaces	Accessible	
Tennis Courts	Tennis courts	Accessible	
Baseball Fields	Baseball field	Accessible	
Recreation Center	Building for various activities	Accessible	
Children's Playground	Various playground equipment including accessible equip.	Accessible	

Facility: Foster Park
Location: Rogers Street and Marston Street
Manager: Parks and Recreation Department

ACTIVITY	EQUIPMENT	ASSESSMENT	TRANSITION PLAN
Parking	Gravel	inaccessible	Will be addressed; when park is reopened
Trails		inaccessible	Will be addressed; when park is reopened

Facility: Frasca Field
Location: North Street
Manager: Recreation Department; Tewksbury Youth Soccer

ACTIVITY	EQUIPMENT	ASSESSMENT	TRANSITION PLAN
Soccer fields	Soccer fields	Accessible	Parking lot currently being upgraded

Facility: East Street Ball Fields
Location: East Street and Chandler Street
Manager: Recreation Department; Tewksbury Youth Baseball

ACTIVITY	EQUIPMENT	ASSESSMENT	TRANSITION PLAN
Baseball fields	Baseball fields	Accessible	

Facility: Mahoney Park
Location: Whipple Road
Manager: Parks & Recreation Department

ACTIVITY	EQUIPMENT	ASSESSMENT	TRANSITION PLAN
Parking	gravel	Accessible	1 sign needs to be installed
Long Pond access path	Stonedust	Accessible	

Grievance Policy

For the General Public

EQUAL ACCESS TO FACILITIES AND ACTIVITIES

Maximum opportunity will be made available to receive citizen comments, complaints, and/or to resolve grievances or inquiries.

STEP 1:

The Assistant to the Town Manager will be available to meet with citizens and employees during business hours.

When a complaint, grievance, request for program policy interpretation or clarification is received either in writing or through a meeting or telephone call, every effort will be made to create a record regarding the name, address, and telephone number of the person making the complaint, grievance, program policy interpretation or clarification. If the person desires to remain anonymous, he or she may.

A complaint, grievance, request for program policy interpretation or clarification will be responded to within ten working days (if the person making the complaint is identified) in a format that is sensitive to the needs of the recipient, (i.e. verbally, enlarged type face, etc).

Copies of the complaint, grievance, request for program policy interpretation or clarification and response will be forwarded to the appropriate town agency (i.e. recreation department, conservation commission). If the grievance is not resolved at this level it will be progressed to next level.

STEP 2:

A written grievance will be submitted to the Assistant to the Town Manager. Assistance in writing the grievance will be available to all individuals. All written grievances will be responded to within 10 working days by the Assistant to the Town Manager in a format that is sensitive to the needs of the recipient, (i.e. verbally, enlarged type face, etc.). If the grievance is not resolved at this level it will be progressed to the next level.

STEP 3:

IF the grievance is not satisfactorily resolved, citizens will be referred to the Town Manager, with whom local authority for final grievance resolution lies.

Town of Tewksbury Employment Application

Tewks. P-1

Notice to Applicant: We are an equal opportunity employer and do not discriminate on the basis of an applicant's or employee's race, color, religion, sex, national origin, citizenship, age, physical or mental disability or any other characteristic.

Personal Information (Please Print)

Name: _____ Social Security: **(required upon hiring)**
(Last) (First) (MI)

Address: _____

City: _____ State: _____ Zip: _____ Phone: __ (_____) _____

Personal Information (Please Print)

Position Applied For: _____

Department / Group: _____

Have you ever worked for the Town of Tewksbury _____ If so, date(s): _____

Prior Position(s): _____

Reason(s) for Leaving: _____

Education (Please Print)

List from Present to Past

School / Institution	Major or Area of Study	Graduate		Year Graduated
		Yes	No	

Mass. Professional Trade, Certifications, Drivers License

License _____ License # _____ Date Issued _____ Exp. Date _____

License _____ License # _____ Date Issued _____ Exp. Date _____

Achievements / Special Skills (Please Print)

Professional Qualifications & Membership In Professional Bodies (Please Print)

Employment History (Please Print) List Current First

From _____ To _____
 Current: _____ Telephone: __ (_____) _____
 Address: _____
 Duties: _____

From _____ To _____
 Previous: _____ Telephone: __ (_____) _____
 Address: _____
 Duties: _____

From _____ To _____
 Previous: _____ Telephone: __ (_____) _____
 Address: _____
 Duties: _____

From _____ To _____
 Previous: _____ Telephone: __ (_____) _____
 Address: _____
 Duties: _____

References (Please Print)

Name	Address	Telephone	Relationship	Years Known

I hereby certify that the information contained in this application form and in any attachments listed below (hereafter made a part of this application) is true and correct to the best of my knowledge and agree to have any of these statements checked by the Town unless I have indicated to the contrary. I authorize the references listed above to provide the Town any and all information concerning my previous employment and any pertinent information that they may have. Further, I release all parties and persons from any and all liability for any damages that may result from furnishing such information to the Town as well as from the use or disclosure of such information to the Town or any of its agents, employees, or representatives. I understand that any misrepresentation, falsification or material omission of information on this application may result in my failure to receive an offer or, if I am hired, in my dismissal from employment.

Attachments: _____

Applicant's Signature: _____ Date: _____