

SECTION 5. INVENTORY OF LANDS OF CONSERVATION AND RECREATION INTEREST

Ipswich has some of the most distinctive coastal, pastoral and riverine scenery in Massachusetts. Over the last two decades, the town adopted several local bylaws and regulations to encourage protection of these unique landforms and to address the desire of citizens to preserve their natural resources. A major achievement came in 2000 with the passage of the \$10 million open space bond. The bond passed the Town Meeting unanimously and then passed at the ballot box as an override issue by a margin of 3-2. The Open Space Committee subsequently identified and evaluated over 80 parcels of conservation interest (**MAP 6**). Several of these parcels, totaling 760 acres, were protected via bond funds during the life of the 2000-2004 open space plan. As of the end of 2004, almost half the bond funds were still available for land protection.

As indicated on **MAP 5**, numerous parcels within the town are state-owned, town-owned, privately restricted and/or under a special tax-status designation. While some of these properties are permanently protected, many are not. In particular, properties under M.G.L. Chapters 61, 61A and 61B tax designations—those properties that receive tax relief for remaining in forestry, agricultural and recreational uses—are not permanently protected. In accordance with these laws, if an owner of land taxed under the 61A (agricultural) designation wishes to develop his land for profit, the town has 120 days to act to acquire the land. Rarely does a municipality have the ability, mechanisms and/or funds to acquire land so quickly, but the passage of the bond gave the town that specific ability. It was used in at least one instance to help save a beautiful Chapter 61A parcel along the southern entrance to town on Route 1A.

Additionally, many of the town-owned properties are not permanently protected (**MAP 6**) for conservation and recreational purposes. Some of the properties listed in **APPENDIX E** are used for municipal purposes, such as utilities or schools. Others are used for conservation purposes that should be restricted, such as land adjacent to the Dow Brook and Bull Brook reservoirs. As with properties under Chapters 61, 61A and 61B, there is a false sense that if the property is owned by the town, it is somehow "protected."



Other Ipswich properties have private deed restrictions. The Trustees of Reservations, Essex County Greenbelt Association and other non-profit conservation groups continue to work with residents in Ipswich and abutting communities to protect coastal areas, salt marshes, land of scenic and wildlife value, and other properties valuable for conservation and recreational needs. **APPENDIX E** lists these properties. This list is not comprehensive, since the Assessor's Office does not maintain records on privately held restrictions. This lack of information is addressed in **SECTION 9, Objective 4-1a**.

Handicapped Access.

The open space plan addresses the need for handicapped access to open space and recreation facilities. When viewed in their entirety, the programs and facilities in Ipswich are accessible to people with disabilities and the elderly. While there are many hindrances to full compliance with the Americans with Disabilities Act (ADA)—particularly the large number of historic structures and the rugged terrain of so much of the open space—the town has made considered efforts to assure continued compliance with this law and its predecessors. At present, there is a short handicapped accessible path to the dam at the town reservoir. A handicapped-accessible parking area, a walkway to the existing woods and a bridge over a vernal pool are planned for the new Dow Brook Conservation Area.

While current recreational programming for people with disabilities is limited, the Recreation Department has acknowledged a need for special programming. It is working to

accommodate persons with disabilities, as well as the elderly and pre-school children, in its existing programs. The town has also surveyed its residents with disabilities on their needs as well as their use of available programs and facilities.

Ipswich has adopted the goals and objectives of the ADA (including policies addressing such concerns as hiring and the elimination of discrimination based on disability), and reaffirms that position here and in **APPENDIX F**. Through its ADA coordinator (the Health Agent), the town has removed many physical barriers or modified them to aid residents with disabilities. With the actions described in this plan, efforts to provide full compliance in the field of open space and recreation will continue.

More detailed information on the status of access to various facilities, along with other documents pertaining to ADA compliance, are in **APPENDIX F**.

SECTION 6. COMMUNITY GOALS

6A. Description of Process

The planning process for this document was far more extensive than for past open space plans because the town was engaged in intensive community planning during the entire life of the 2000 open space and recreation plan. As described in **SECTION 7**, three major reports were produced in that period: the Green Ring Report, the Community Development Plan, and the Town Character Statement. The latter two entailed significant public input and all three address open space needs. The CDP, which resulted from years of deliberation by the Growth Management Steering Committee, incorporated the 2000 open space plan as an appendix so the two plans would be formally linked. The TCS was developed in large part through well-attended public workshops. The plan describes open space protection as a major goal of the town's citizens and contains numerous guidelines used in revising the goals and objectives of this open space plan. Given the amount of public participation that guided the writing of the CDP and the TCS, an additional survey specifically for this new open space plan would have been redundant. However, the public survey administered in 1998 (summary findings, **APPENDIX B**) was revisited in reviewing the overall goals.

The goals of the 2000 open space plan provided a logical starting point for determining the goals of this plan. The 2000-04 action items in **SECTION 9** were analyzed to determine which had been accomplished, which had not, which had become irrelevant, and what new actions were needed. In conjunction with this analysis, the committee considered the guidelines of the TCS, the other reports mentioned above and previous surveys, and revised the seven goals of the 2000-2004 plan into seven similar goals for this plan.

It is important that, in both the 1994 and 2000 open space plans, the Open Space

Committee, with agreement of the appropriate boards and officials, assigned responsibilities for each action item—something that is not required in the EOEA guidelines. In general, this has helped to accomplish many of the action items by giving the committee leverage in getting responsible parties to act. It has also vastly improved communications between and among town officials, boards and committees regarding open space issues. In many cases, however, it has still fallen to the Open Space Committee to move issues to the front and force decisions. Consequently, action items and assignments are made this time with a more realistic view of what might actually be accomplished, and how the various boards see and act on open space issues in relation to their other responsibilities. Refinements to this overall process are addressed in **GOAL 7**.

6B. Statement of Open Space and Recreation Goals

Three general goals identified during this open space and recreation planning process are unchanged from the 2000 plan. These goals reflect the sense of stewardship and pride shared by the townspeople toward the diversity, quantity and quality of Ipswich's natural and recreational environment. The goals serve as the underlying philosophical matrix from which seven more specific goals are derived.

Protecting fragile resources from encroachment by industrial and residential development or from adverse impact caused by inappropriate recreational use continues to be a major theme. The list of accomplishments outlined in **APPENDIX C** shows the concentration on this goal since the last open space plan. In particular, the passage of the open space bond and the successes that have ensued have enabled preservation of valuable, and often large, parcels of conservation interest. Specific resources that still require protection are:

- Inland wetlands bordering buildable lands
- Scenic hilltops with erodible but buildable soils
- Estuaries suffering continuing pollution or degradation
- Contiguous wildlife habitat subject to fragmentation
- Both groundwater and surface-water quality threatened by pollution from a variety of point and non-point sources.

To address these needs, the town continues to propose alteration of existing bylaws. This encourages closer consideration by developers of resource and recreational issues. Direct land-protection efforts via the open space bond are also being pursued.

Preserving the landscape character is the second general goal addressed in this plan. The historic and scenic quality of the Ipswich landscape is too often taken for granted. Therefore, an increasing number of old and new residents is concerned about preserving the remaining forests, fields, hilltops, waterway corridors and scenic vistas. This concern grows as development pressures bear down on lands that have traditionally been farmed, as well as those that until now were not economical to develop.

It is significant that the TCS fits perfectly with this general goal. Its guidelines address matters such as:

- Designing developments consistent with the nature of the neighborhood and its natural features
- Using cluster developments to a greater degree to preserve additional open space
- Balancing development with preservation of the town's pastoral character through more sensible and effective architectural and landscape design, using features such as buffering and out-of-sight parking

- Designing to mitigate pollution and protect scenic views, inland wetlands, salt marshes, wildlife corridors and other natural resources
- Retaining and supporting farmland as an integral part of open space
- Developing protected open space with public access and recreational potential always in mind.

Managing open space and its recreational opportunities in Ipswich is the third general goal. This is both ambitious and challenging because recreational areas are not always defined by town boundaries. This goal requires a regional approach involving cooperation with neighboring towns to develop a strategy for accommodating the ever-increasing demand for outdoor recreational opportunities. The action plan addresses this need through stepped-up educational programs in **GOAL 6** and through regional actions in **GOAL 7**.



SECTION 7. ANALYSIS OF NEEDS

This section is a synthesis of the open space and recreation needs identified and described in the environmental analysis and inventory phases of the planning process (SECTIONS 4 and 5). The needs correlate with the general goals outlined in section 6B.

During the past few years the Open Space Committee has evaluated and prioritized parcels suitable for open space protection. This effort has been in conjunction with the town's open space bond program. The \$10 million bond was passed by the Town Meeting in 2000. It was the single most important victory for open space in the town's history. Parcels to be considered for protection under this program must be placed on a formal list. The initial list included 80 parcels. The form developed by the Open Space Committee and used to establish and rank this list of key parcels can be found in APPENDIX G.

Besides the evaluation process, a task force was established to help define the parameters of the open space bond program. Their central recommendation was that a bond administrator be hired. It was evident that such a program required someone skilled in grant writing and negotiation. It was also obvious that it would be impossible for town volunteers to coordinate the communications and paperwork required in complex and sometimes sensitive real-estate transactions. With grant writing and cooperative agreements negotiated by the bond administrator, the town has been able to protect 345 acres of land using bond funds. About \$4 million is still available. The guiding principle of the program has been to find the "least-cost" solution to protecting the key parcels. To this end, the bond administrator has leveraged bond funds to come up with additional monies that have enabled protection of more land than could have been done with bond funds alone.

7A. Resource Protection Needs

The overriding need for emphasis on regulatory and acquisition efforts aimed at resource protection is based on the realization that development pressures are continuing on or adjacent to sensitive natural resource areas. Prompted by the shrinking amount of buildable land, a pattern has evolved during the past decade or so that puts sensitive wetlands, marshes, hilltops and wildlife corridors (whether streams, fields or forests) bordering buildable land at risk. For example, the fragmentation of wildlife habitat mentioned in section 4E has implications for zoning, in the sense that one- or two-acre zoning hastens the fragmentation process. Cluster zoning offers protection for larger areas of undisturbed (and preferably contiguous) habitat. To promote cluster housing, the Planning Board put forth and the Town Meeting passed two-acre zoning in the rural residential-A district. This zoning provides incentives to build at one-acre or denser lot sizes if the Open Space Preservation Zoning Bylaw is employed. To date this strategy has worked as there are no plans for two-acre developments.

One major concern is lack of long-range planning among the various town boards that have the power to ensure environmentally sound development. This shortcoming occurs because development is proposed and approved in a piecemeal fashion--today one parcel, next year one adjacent to it, and so on. To address this shortcoming, the town contracted with a consultant in 2000 to develop a vision statement specifically addressing environmental and habitat considerations in relationship to the town character, as described by the citizens in a series of public meetings. The final document, *The Future of Ipswich Planning Project, Part II: The Vision for Open Space: The Ipswich Green Ring Report* (2004), can be reviewed in the Department of Planning and Development office. The resulting report identifies a number of critical habitat areas and organizes them into generalized primary corridors or "blobs." These blobs encircle the town center forming a green

ring with secondary corridors connecting to it. The corridor blobs are incorporated on the Critical Ecological Areas map (**MAP 4A**). The corridors identified include those used for recreation, but the focus is on wildlife and environmental character.

To complement this ecologically-oriented report, the Department of Planning and Development also undertook a study resulting in the TCS that focuses on the historic, rural, scenic and small-town “feel” of Ipswich. Although it does not focus specifically on open space issues, it does cite the agricultural and seascape environs as significant contributors to the character of Ipswich. This report is available for review in the Planning office.

Another important inventory that helps assess the impact of development was done in 2002. It was funded by ECTA, a private group interested in compiling a comprehensive trails inventory. This inventory used Global Positioning System (GPS) equipment and includes trail conditions as well as locations and primary users. The inventory includes both public and private trails and has been converted to a GIS layer (**MAP 3**). It is being used in conjunction with the Green Ring Report during the initial evaluation phases of all development plans.

Together these planning tools help identify and prioritize natural resources in need of protection that do not necessarily qualify as environmentally sensitive. For example, the open fields throughout Ipswich are vulnerable to development. In some cases, they are no longer considered valuable from an agricultural perspective and, more commonly, their value increases if sold to developers. These fields provide important wildlife habitats and corridors. Alternatively, they could be converted to active recreation fields.

As discussed in previous open space plans, pollution of both surface-water and groundwater from a combination of point and

non-point sources continues to be major concern. There is still a need for more comprehensive monitoring of water quality in critical areas of the town. These riverine and bay environments, as well as water recharge and supply areas, are generally coincident with the green ring corridors, thus strengthening the need to protect them.

7B. Community Open Space and Recreation Needs

In the years since the 2000 open space plan was implemented, the recreational pressures on lands and facilities in Ipswich have increased along with the population, both residential and visiting. This condition is more pronounced on the North Shore than anywhere else in the state. The current *Massachusetts Outdoors 2000! – Statewide Comprehensive Outdoor Recreation Plan (SCORP)* reveals that northeastern Massachusetts has as many recreational sites and as diverse a set of recreational offerings as any other region in the state while containing the third lowest recreational acreage totals. This concentration continues to put considerable strain on currently available open space and recreational resources in the Northeast and in Ipswich. It suggests the need for a greater number of open space and recreational resources as well as careful and active management. The issue of recreational impact on natural resources straddles the boundary between resource protection needs and recreational needs. The quality of the environment is critical if its full recreational potential is to be realized.

One example is the impact of boater access to the sensitive salt-marsh habitats. This is of great concern to the Open Space Committee. The identified need is primarily to develop educational methods that will sensitize users to the fragile nature of the environments they are enjoying. Secondly, limiting or controlling recreational activities may be necessary to mitigate documented environmental damage to the ACEC. This

approach used by TTOR at Crane Beach has worked well with beachgoers in the management of nesting piping plover and least tern habitat. It is needed now in the boating community. The town Harbor Master has a jet ski that is used to patrol the marsh areas. Although this is a good start, more emphasis should be put on education.

Another recreational need that shares common ground with an identified resource need is an incomplete network of trails. It is envisioned that such a network could link the public and semi-public lands within Ipswich to those in the neighboring towns. The 2000 SCORP depicts trail-based recreation sites as among the most abundant recreational sites in the state, and walking and hiking as two of the most popular activities. These facts support the notion that a broad network of trails in Ipswich and the region would serve a critical recreational need as well as provide better access via interconnection to existing trails. Besides providing an adventurous experience to hikers, riders and cross-country skiers interested in traversing diverse environments, these trails, and the consequently protected corridors that surround them, would preserve the ability of wildlife to move between habitats.

A need expressed in this plan is to establish policies and incentives for recreational easements across private lands, particularly in larger developments, and preferably those that are built under the cluster zoning bylaw. The two types of landscapes that could most benefit from corridors accessible to trail-users are the hilltops and scenic areas along the Ipswich River. The trails inventory mentioned above and the continued focus on the importance of trail networks by the Bay Circuit Trail Committee and ECTA help to ensure that this topic receives the attention it deserves. An action item that is stressed in this open space plan is the establishment of consistent and coordinated trail management plans. ECTA has a program in place and presently provides trail maintenance assistance to DCR. The efforts of

this group need to be expanded upon by the town if the trail system is to be preserved and enhanced.

Field-based recreation is a well-documented need in Massachusetts (Massachusetts Outdoors 2000!). The Northeast shows a higher preference than elsewhere in the state for activities such as baseball, soccer and playgrounds. The study also reveals that the greatest expressed need among Northeast residents for new recreational areas is for park-(field-) based recreation. Field-based recreation continues to place heavy demands on the available fields in town. The organizations in Ipswich that run field-based recreation programs coordinate with the town Recreation Department but are not affiliated with it. Thus centralized scheduling and grounds maintenance is problematic. There is presently an ad hoc Recreation Lands Committee made up of representatives from these programs and town officials (including the Open Space Committee) that is attempting to prioritize potential parcels for field-based recreation use.

7C. Open Space and Recreation Management Needs

A central management theme that surfaces repeatedly in this plan is the significant need for a more coordinated approach to conservation and recreation issues. A balanced approach to these needs is also cited in the *Grow Smart North Shore* build-out analysis and planning document prepared by the Metropolitan Area Planning Council in conjunction with the Harvard School of Design and MassGIS. The results of this build-out analysis are shown on **MAP 4A**. The report suggests that the best way to manage and protect open space is at the regional level. Additionally, it recommends that economic development, housing and open space have to be considered together and on a regional level if landscape character is to be preserved. The same conclusion was reached in another report completed during the life of the 2000 open

space plan, the Ipswich CDP, produced by the Growth Management Steering Committee, which was formed in 1999 and issued its final report in 2003.

Communication of specific issues among the various town boards, officials and committees has continued to improve since the 2000 plan was implemented. These relationships and channels of communication need constant attention as officials and board members come and go. A part-time land steward has been hired with money from the Open Space, Recreation, and Water Supply Protection Fund. The steward is working on management plans for the more significant parcels of town-owned recreation and conservation lands. However, implementing these plans, as well as general maintenance activities, will continue to require creative solutions, such as extensive use of volunteers, given the town's ongoing budgetary constraints and demands on staff time. The town's priority on management of open space and recreation lands is consistent with the findings in the 2000 SCORP that show residents in the Northeast place significant importance on the maintenance of existing resources. Ninety-eight percent of residents believe funding should be devoted to



maintenance activities. One of the critical tasks of the Open Space Committee in the next year is to clearly define how and when the protection fund should be used. This fund is ultimately under the control of the Board of Selectmen, but the recommendations of the Open Space Committee and the Department of Planning and Development are used as guidance. Thus it is essential that communication between town boards and committees remains open and objectives are coordinated.

Within a broader context, Ipswich has been a member of the North Shore Task Force for many years. The communities participating in this group make up one of eight MAPC sub-regions. The task force meets regularly to discuss topics of common interest. It is an excellent forum for addressing regional open space issues and opportunities.

Additionally, the Massachusetts Audubon Society has been sponsoring open space network meetings once a month, drawing people from a variety of organizations and towns all over the North Shore. It is the hope of the Open Space Committee that in time this forum will develop into a body that can help coordinate open space protection efforts based on ecological instead of political boundaries.

SECTION 8. GOALS AND OBJECTIVES

This section is a summary of the goals and objectives derived from the previous sections of the plan. It is the result of extensive discussions by the Open Space Committee, input from many town officials and boards, and the 1998 public survey. The seven goals represent the town's categorical aims for open space and recreation for the next five years. The objectives represent concrete ideas for achieving the goals. The specific actions needed to accomplish the objectives are set forth in **SECTION 9** in a five-year action plan.

GOAL 1: PRESERVE THE HISTORIC AND SCENIC CHARACTER OF THE TOWN IN CONJUNCTION WITH THE 2004 TOWN CHARACTER STATEMENT

Objective 1-1. Retain and promote agricultural lands and uses in Ipswich.

Objective 1-2. Retain and protect natural and historic scenic features and archaeological sites in Ipswich.

GOAL 2: PROTECT AND ENHANCE DRINKING WATER SOURCES

Objective 2-1. Protect water supplies from pollution.

GOAL 3: PROTECT AND MANAGE CRITICAL NATURAL RESOURCES

Objective 3-1. Permanently protect salt marshes and inland wetlands, particularly vernal pools, from the effects of development.

Objective 3-2. Continue and enhance protection of wildlife habitat and riverways.

GOAL 4: PRESERVE SIGNIFICANT LAND FOR OPEN SPACE AND RECREATION

Objective 4-1. Develop inventory, assessment, prioritization, and reporting of open space and recreation lands.

Objective 4-2. Continue or establish effective funding mechanisms for protection of open space.

Objective 4-3. Manage town-owned or -controlled open space.

GOAL 5: ENHANCE RECREATIONAL OPPORTUNITIES APPROPRIATE AND ACCESSIBLE TO ALL AGE GROUPS

Objective 5-1. Improve and increase recreational facilities, public and private, to meet current and future needs.

Objective 5-2. Improve access to recreational facilities in accordance with the Americans with Disabilities Act.

Objective 5-3. Control recreational uses to protect the integrity of land and water resources.

GOAL 6: ENHANCE EDUCATIONAL PROGRAMS TO TEACH OPEN SPACE VALUES

Objective 6-1. Maintain communication with the Ipswich public schools to encourage integration of open space and conservation values in curricula.

Objective 6-2. Maintain regular communication links with citizens to promote the town's open space objectives.

GOAL 7: PROMOTE A COOPERATIVE AND REGIONAL APPROACH TO OPEN SPACE AND RESOURCE PROTECTION

Objective 7-1. Assure collective and cooperative commitment by town departments, boards and staff to accomplish the objectives of this open space plan.

Objective 7-2. Coordinate Ipswich open space and recreational planning with actions and programs on a regional basis.



SECTION 9. FIVE-YEAR ACTION PLAN

The town's concrete actions for the next five years, with responsibilities assigned to specific town entities, are laid out in this section. It is a given in this action plan that many items will require funding. It should be understood that such actions should include attempts to obtain the necessary funding through whatever sources are most appropriate, including town, state and grant funds. MAP 6 indicates parcels identified by the Open Space Committee for possible acquisition. The Open Space Committee has consulted with all boards and entities named as responsible parties in the action items. All parties are in agreement that the goals, objectives and action items are worthwhile and should be pursued.

GOAL 1: PRESERVE THE HISTORIC AND SCENIC CHARACTER OF THE TOWN IN CONJUNCTION WITH THE 2004 TOWN CHARACTER STATEMENT

Objective 1-1. Retain and promote agricultural lands and uses in Ipswich.

Action 1-1a. Through the Agriculture Commission Steering Committee, research and implement programs that will guide agriculture as a viable land use, thereby protecting it as open space.

Responsibility: Agriculture Commission Steering Committee **Target:** Ongoing

Action 1-1b. Work with farmers, the state, and non-profit organizations to identify succession issues that jeopardize continued farming and to maintain farms in active agriculture.

Responsibility: Agriculture Commission Steering Committee **Target:** Ongoing

Action 1-1c. Work with landowners to encourage and promote agricultural restrictions under Chapter 61A.

Responsibility: Agriculture Commission Steering Committee, Conservation Commission, Dept. of Planning and Development **Target:** Ongoing

Action 1-1d. Ensure the collection of back taxes on land taken out of Chapter 61A status for the benefit of the Open Space, Recreation, and Water Supply Protection Fund. Provide an annual report of such taxes collected to the Board of Selectmen, the Agriculture Commission Steering Committee, the Conservation Commission and the Open Space Committee.

Responsibility: Finance Department, Assessor's Office **Target:** Annual

Objective 1-2. Retain and protect natural and historic scenic features and archaeological sites in Ipswich.

Action 1-2a. In all proposed development projects, strongly encourage the protection of scenic vistas, and natural and cultural features through cluster development, conservation restrictions, natural buffers and similar measures in accordance with the guidelines in the Town Character Statement, particularly those in SECTIONS 6, 7, 8 and 9.

Responsibility: Planning Board, Dept. of Planning and Development **Target:** Ongoing

Action 1-2b. Work with the current and any successor owners of the Great Estates properties (Turner Hill, New England Biolabs, Notre Dame) to preserve the integrity of the Scenic Corridors along the roads that border these estates.

Responsibility: Planning Board, Dept. of Planning and Development **Target:** Ongoing

Action 1-2c. Document existing historic stone walls, ancient ways, and trees along designated Scenic Roads and Corridors, trails and natural resources, and develop a map and file database for them. Develop and implement an enhanced program for the protection of these resources.

Responsibility: Historical Commission (stone walls, ancient ways), Ipswich Garden Club (trees), Dept. of Public Works (protection) **Target:** 2007

Action 1-2d. Using the DCR Scenic Landscape Inventory as a foundation, designate the Ipswich River corridor, including the islands, as a Scenic Overlay District. This would help ensure protection of the cultural, historic and natural character of the corridor. Research funding sources to accomplish this.

Responsibility: Dept. of Planning and Development, Open Space Committee **Target:** Ongoing

GOAL 2: PROTECT AND ENHANCE DRINKING WATER SOURCES

Objective 2-1. Protect water supplies from pollution.

Action 2-1a. In developments in water supply districts, require use of the Open Space Preservation Zoning Bylaw in order to minimize impervious surfaces, turf area, and pesticide and herbicide application, and further require the highest feasible quality of treated wastewater discharge.

Responsibility: Planning Board, Dept. of Planning and Development **Target:** Ongoing

Action 2-1b. Work with large development projects to prevent degradation of surface-water, to ensure maximum water re-use, to encourage grouping of onsite septic systems, and to use other water conservation practices.

Responsibility: Planning Board, Utilities Dept. **Target:** Ongoing

Action 2-1c. Continue and enhance the water supply protection and water conservation programs in Ipswich to include ongoing public education on the need to conserve water as well as to protect water supplies.

Responsibility: Utilities Dept. **Target:** Ongoing

Action 2-1d. Work with the Ipswich River and Parker River watershed associations on water withdrawal and permit issues to increase protection of flow, land and wildlife habitat along these rivers and their tributaries.

Responsibility: Conservation Commission, Utilities Dept. **Target:** Ongoing

Action 2-1e. Actively discourage and penalize illegal dumping in Ipswich. Organize citizen volunteers to monitor and report dumping, and publicize such efforts. Research alternatives to solve the town's recycling problem.

Responsibility: Police Dept., Dept. of Public Works, Recycling Committee
Target: Ongoing

Action 2-1f. Reorganize the town's program for disposal of household hazardous wastes to centralize it under a single town official, discontinue the need for pre-registration, and make it a regional program in conjunction with neighboring towns so citizens are not totally dependent on infrequent collections in a single town. Consider also integrating it with the town's recycling program. (See **Action 7-2c** on regional cooperation.)

Responsibility: Health Agent or other official named by Town Manager, Recycling Committee

Target: 2006

GOAL 3: PROTECT AND MANAGE CRITICAL NATURAL RESOURCES

Objective 3-1. Permanently protect salt marshes and inland wetlands, particularly vernal pools, from the effects of development.

Action 3-1a. Continue the effort to obtain state certification of all vernal pools in Ipswich.

Responsibility: Conservation Commission

Target: Ongoing

Action 3-1b. Develop a master wetlands map for Ipswich using the new Massachusetts Wetlands Conservancy Program aerial orthophoto maps and inputting data from local sources and filings.

Responsibility: Conservation Commission, Conservation Agent

Target: 2008

Action 3-1c. Protect land that buffers wetlands as it becomes available, through acquisition, conservation restrictions or other means, via town funds, with the assistance of land trusts, and through project review, including subdivision site plan review and comprehensive permits.

Responsibility: Board of Selectmen, Conservation Commission, Open Space Committee, Dept. of Planning and Development

Target: Ongoing

Action 3-1d. Foster continued experimentation with open-marsh water management as a means of both restoring salt marshes to their original state and controlling mosquitoes.

Responsibility: Conservation Commission, Mosquito Control Advisory Committee

Target: Ongoing

Action 3-1e. Distribute to property owners with protected areas on their property (start with ACECs and CRs) an aerial photograph of their parcel with lot lines and exact or approximate protection areas delineated to indicate areas where approval is required to undertake any alterations. If this initial effort is successful, extend this to wetlands.

Responsibility: Conservation Commission, Open Space Steward

Target: 2006 and ongoing

Objective 3-2. Continue and enhance protection of wildlife habitat and riverways.

Action 3-2a. Utilize the state biomap in town planning efforts.

Responsibility: Conservation Commission, Planning Board

Target: Ongoing

Action 3-2b. Assure shared knowledge among relevant town officials, boards and committees on currently available maps documenting state-listed rare and endangered species in Ipswich. Condition or deny proposed projects accordingly whenever they would affect state-listed rare and endangered species.

Responsibility: Conservation Agent, Conservation Commission, Planning Board, Zoning Board of Appeals

Target: Ongoing

Action 3-2c. Identify areas where forest fragmentation, or interruption of wildlife corridors or well-established trail systems would occur if development were allowed. Then revise the Open Space Preservation Zoning Bylaw to require the use of cluster development.

Responsibility: Planning Board, Dept. of Planning and Development **Target:** 2006

Action 3-2d. Work with the Town of Hamilton, the Division of Marine Fisheries and/or other EOEA agencies, and the owners of the Willowdale dam and fish ladder on more aggressive reintroduction of the three historically present species of river herring so that anadromous fish restoration can be completed in the Ipswich River.

Responsibility: Conservation Commission **Target:** 2008

Action 3-2e. Work with the schools, residents and non-profit organizations to improve the quality of information that is available on wildlife in Ipswich, including support of special studies and biodiversity days, and through introduction of a “Keeping Track” program in Ipswich.

Responsibility: Open Space Committee, Conservation Commission, specific school programs, ECGA, TTOR, Massachusetts Audubon Society **Target:** Ongoing

Action 3-2f. Support a change to the zoning bylaw or general bylaw that requires a clearing and grading permit for activity on greater than one-half acre of land.

Responsibility: Open Space Committee, Planning Board **Target:** 2006

Action 3-2g. Study problems in the wildlife/human interface, particularly including beaver and deer, to reach solutions that make sense for both the human and wildlife populations.

Responsibility: Open Space Committee, Conservation Commission, Board of Selectmen
Target: 2006 and ongoing

GOAL 4: PRESERVE SIGNIFICANT LAND FOR OPEN SPACE AND RECREATION

Objective 4-1. Develop inventory, assessment, prioritization and reporting of open space and recreation lands.

Action 4-1a. Revise and maintain the open space inventory, including current status of all parcels, at least annually.

Responsibility: Open Space Committee **Target:** Ongoing

Action 4-1b. Continue to refine open space evaluation criteria. Develop single evaluation process between open space bond parcel evaluation process and open space guidelines of Planning Board.

Responsibility: Open Space Committee, Planning Board **Target:** 2006

Action 4-1c. Conduct a comprehensive trails and trail easement inventory, and publish official map of public trails.

Responsibility: Open Space Committee, Planning Board **Target:** 2006

Action 4-1d. Concurrent with **Action 4-1c**, develop process of review and enforcement of existing trail easements.

Responsibility: Dept. of Planning and Development, Open Space Steward, Open Space Committee

Target: 2006

Action 4-1e. Complete inventory of existing CRs, and documentation and recording of all outstanding CRs. Improve town records of these transactions so the status of any CR can be checked and acted on without delay.

Responsibility: Conservation Commission

Target: 2006

Action 4-1f. Identify parcels in town that are important to protect and other parcels that are appropriate for development, including parcels appropriate for limited development accompanied with open space protection.

Responsibility: Open Space Committee, Affordable Housing Committee **Target:** 2006

Action 4-1g. Support the completion of the recreation fields needs study to identify the type and number of fields needed for sports teams. Seek to incorporate meeting key needs for recreation fields in the bond program and other land acquisition, management and maintenance plans.

Responsibility: Recreation Fields Committee

Target: 2006

Objective 4-2. Continue or establish effective funding mechanisms for protection of open space.

Action 4-2a. Ensure collection of revenues designated for the Open Space, Recreation, and Water Supply Fund. Provide annual report of collected funds to the Board of Selectmen, Conservation Commission and Open Space Committee.

Responsibility: Town Manager, Finance Department

Target: Annual

Action 4-2b. Investigate renewal of open space bond when current funding is exhausted.

Responsibility: Board of Selectmen

Target: 2007

Action 4-2c. Take advantage of funding from federal, state or other sources, such as DCS Community Self-Help, Mass Highways or EPA, to leverage town open space bond funds to further acquire or protect priority open space, enhance recreational opportunities or protect the water supply.

Responsibility: Dept. of Planning and Development

Target: Ongoing

Action 4-2d. Study the formation of an Ipswich land trust as a supplemental means of buying or holding available priority properties for protection. Establish a trust if feasible. Consideration should be given to whether or how a land trust would be funded and its relationship to existing land trusts.

Responsibility: Open Space Committee

Target: 2007

Objective 4-3. Manage town-owned or -controlled open space.

Action 4-3a. Identify town-owned open-space parcels most in need of active management. Additionally, identify town-owned parcels that should be transferred to the Conservation Commission for protection.

Responsibility: Open Space Committee, Dept. of Planning and Development

Target: 2006

Action 4-3b. Develop management/stewardship plans as needed for specific large parcels requiring significant management (e.g., Wendell Stewardship Committee)

Responsibility: Board of Selectmen, Dept. of Planning and Development, Open Space Steward, Open Space Committee
Target: Ongoing

Action 4-3c. Recruit and organize a network of volunteers to help manage priority properties so identified.

Responsibility: Dept. of Planning and Development, Open Space Steward **Target:** Ongoing

Action 4-3d. Manage CRs to ensure public access where access is a condition of the CR.

Responsibility: Conservation Commission **Target:** Ongoing

GOAL 5: ENHANCE RECREATIONAL OPPORTUNITIES APPROPRIATE AND ACCESSIBLE TO ALL AGE GROUPS

Objective 5-1. Improve and increase recreational facilities, public and private, to meet current and future needs.

Action 5-1a. Continue improvements to and mapping of local trail systems as part of the regional Bay Circuit Trail network.

Responsibility: Bay Circuit Trail Committee **Target:** Ongoing

Action 5-1b. Complete the Riverwalk by connecting the new pedestrian bridge with the downtown area behind the stores on Market Street to the Caldwell block.

Responsibility: Dept. of Planning and Development, Riverwalk Committee **Target:** 2009

Action 5-1c. Complete the planned Argilla Road Trail and consider others (e.g., Great Neck) based on its success and cost. Elsewhere, institute a modest “Share the Road” signage program along roads commonly used by bicyclists.

Responsibility: Dept. of Public Works, Argilla Road Trail Committee **Target:** 2007

Action 5-1d. Work with current and any successor owners for continuance of public recreational uses on Great Estate properties.

Responsibility: Planning Board, Dept. of Planning and Development, Open Space Committee

Target: Ongoing

Action 5-1e. Negotiate with developers to incorporate and maintain recreational facilities when planning subdivisions.

Responsibility: Planning Board, Dept. of Planning and Development, Zoning Board of Appeals

Target: Ongoing

Objective 5-2. Improve access to recreational facilities in accordance with the Americans with Disabilities Act.

Action 5-2a. Complete and maintain handicapped accessibility to appropriate town-owned recreational facilities and related town offices as needed and as indicated in the facility inventory in **APPENDIX F**.

Responsibility: ADA Coordinator (Health Agent), Recreation Director, Dept. of Public Works
Target: Ongoing

Action 5-2b. Beginning with one playground, replace sand surface with rubber matting and add play and picnic equipment that can be utilized by all persons with disabilities. If successful, consider adding handicapped-accessible equipment to other playgrounds.

Responsibility: Recreation Dept. **Target:** 2006

Objective 5-3. Control recreational uses to protect the integrity of land and water resources.

Action 5-3a. Enforce boating speed limits and work with boating organizations to educate boaters and jet-skiers on erosion caused by wakes on the banks of watercourses in the salt marshes.

Responsibility: Harbormaster, Waterways Advisory Committee **Target:** Ongoing

Action 5-3b. Enforce bans on motorized vehicles in off-limits areas to protect trails, prevent erosion and mitigate disturbance to wildlife.

Responsibility: Police Dept. in conjunction with state wildlife officers. **Target:** Ongoing

GOAL 6: ENHANCE EDUCATIONAL PROGRAMS TO TEACH OPEN SPACE VALUES

Objective 6-1. Maintain communication with the Ipswich public schools to encourage integration of open space and conservation values in curricula.

Action 6-1a. Establish a connection with the chairperson of the Science Subject Area Committee or a designated teacher in each school to explore questions and needs, and to set up a convenient means of continuing communication, such as e-mail.

Responsibility: Open Space Committee **Target:** 2006

Action 6-1b. Serve as a resource to the schools for open space lessons and activities by providing plans, maps and information regarding town open space, and providing appropriate materials for classroom follow-up.

Responsibility: Open Space Committee **Target:** 2006

Action 6-1c. When appropriate, provide classroom demonstrations of open space tools and technology such as use of GIS mapping, land evaluation surveys or other mechanisms.

Responsibility: Open Space Committee **Target:** Ongoing

Action 6-1d. Involve students in stewardship of the town's open space. (See **Action 4-3c.**)

Responsibility: Open Space Committee **Target:** Ongoing

Objective 6-2. Maintain regular communication links with citizens to promote the town's open space objectives.

Action 6-2a. Continue newspaper columns educating citizens on important open space, recreation and water conservation issues.

Responsibility: Open Space Committee, Utilities Dept.

Target: Ongoing

Action 6-2b. Educate the public about the network of local and regional trails, and publicize the availability of trail maps.

Responsibility: Bay Circuit Trail Committee

Target: Ongoing

GOAL 7: PROMOTE A COOPERATIVE AND REGIONAL APPROACH TO OPEN SPACE AND RESOURCE PROTECTION

Objective 7-1. Assure collective and cooperative commitment by town departments, boards and staff to accomplish the objectives of this open space plan.

Action 7-1a. Conduct a series of briefings and progress reports on the open space plan for relevant town staff, boards and committees.

Responsibility: Open Space Committee, Dept. of Planning and Development **Target:** 2006

Action 7-1b. Continue the practice of designating Open Space Committee members as liaisons to other boards, committees and officials with action responsibilities under this plan as a means to facilitate action item accomplishment. Have the liaisons report activities and results to the full Open Space Committee on a regular basis.

Responsibility: Open Space Committee

Target: Ongoing

Objective 7-2. Coordinate Ipswich open space and recreational planning with actions and programs on a regional basis.

Action 7-2a. Identify and establish or continue ongoing relationships with comparable officials, boards and committees in nearby towns that have open space responsibilities, as well as with the Metropolitan Area Planning Council, other relevant state agencies and non-profit organizations.

Responsibility: Open Space Committee

Target: Ongoing

Action 7-2b. Exchange plans, studies, reports, minutes and meeting agendas with these towns and organizations on a continuing basis so that open space planning and implementation can take place in a regional context. Put related town bylaws, open space plans and other materials on the town website.

Responsibility: Open Space Committee

Target: Ongoing

Action 7-2c. Where needed, act in concert with adjacent towns, regional planning agencies and land trusts on common open space, recreational, water supply and other relevant objectives. Begin with the need for a regional hazardous waste collection system.

Responsibility: All entities plus Recycling Committee

Target: Ongoing

SECTION 10. PUBLIC COMMENTS: LETTERS OF ENDORSEMENT

(Please refer to the following pages.)

SECTION 11. REFERENCES

PUBLICATIONS: TOWN

Alternatives for Future Land Use for the Town of Ipswich, published by the Ipswich Planning Board, 1981.

Annual Reports from the Department of Planning and Development to the Town Manager. Residential Building Permit Activity. Years 1999-2000 through 2003-2004.

Final Report of the Ipswich Coastal Pollution Control Committee, 1995.

The Future of Ipswich Planning Project. Part II: The Vision for Open Space: The Ipswich Green Ring Report, July 2000.

Ipswich Bylaws. Accessible from the Town Clerk.

Ipswich Community Development Plan. Prepared under the guidance of the Growth Management Committee, 2003.

Ipswich Open Space and Recreation Plan. Published by the Ipswich Conservation Commission, January 1979.

Ipswich Open Space and Recreation Plan Update. Published by the Ipswich Conservation Commission, 1985.

Ipswich Open Space and Recreation Plan Update. Published by the Ipswich Open Space Committee, January 1994 and January 2000.

Ipswich Town Character Statement. Prepared by the Department of Planning and Development, June 2004.

A Land Use/Vacant Land Study for the Town of Ipswich. Published by the Ipswich Planning Board, 1980.

Special Permit Decision for a GEPD Use. New England Biolabs, Inc., 240 County Road. March 2001.

Report of the (Ipswich) Temporary Sewer Advisory Committee, 1995.

Septic System Management Plan. Published by the Ipswich Board of Health, 1998.

Shellfishing in Ipswich: 199. Issued by the Ipswich Shellfish Advisory Board, 1991.

A Strategy for Conservation of the Ipswich River. Published by the Open Space Subcommittee of the Ipswich Master Plan Commission, 1988.

Town of Ipswich, Massachusetts Personnel Rules and Regulations. Issued by Town Manager George E. Howe on June 1, 1981, as amended through June 3, 2004.

PUBLICATIONS: GENERAL

2000 U.S. Census. Prepared by U.S. Bureau of the Census.

Grow Smart North Shore. Published by the Harvard University Graduate School of Design, 1999.

Ipswich Build-Out Analysis, Prepared by the Metropolitan Area Planning Council. 2001.
www.commpres.env.state.ma.us/community/cmtly_profile.asp.

Massachusetts Scenic Landscape Inventory. Published by Massachusetts Department of Environmental Management in 1981.

Open Space and Recreation Plan Requirements, revised June 2001. Published by the Executive Office of Environmental Affairs/Division of Conservation Services.

The Open Space Planner's Workbook: Companion to the Open Space and Recreation Plan Requirements, revised February 2001. Published by the EOEA/DCS.

Massachusetts Outdoors 2000! -- Statewide Outdoor Comprehensive Recreation Plan (SCORP). Published by EOEA for the five-year period 2000-2005.

INTERVIEWS

Betty Dorman, Director, Ipswich Recreation Department

Colleen Ferman, Ipswich Health Agent and 504 Coordinator

Tim Henry, Director, Ipswich Utilities Department

David Koonce, Program Manager, Ipswich Open Space Bond

Kerry Mackin, Executive Director, Ipswich River Watershed Association

Beth O'Connor, Ipswich Conservation Steward

Tim Purinton, Massachusetts Audubon Society

David Santomenna, Essex County Greenbelt Association

Charles Swartz, Ipswich Assistant Harbormaster

David Standley, Chair, Ipswich Conservation Commission

ONLINE SOURCES

Executive Officer of Environmental Affairs: www.state.ma.us/envir. (Community Preservation Act, and Watershed Initiative.)

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

Keeping Track: www.keepingtrack.org.

SECTION 12. MAPS

This section includes the following maps referenced within the open space plan:

- MAP 1: ZONING AND SEWERED AREAS
- MAP 2: BUILDING POTENTIAL OF SOILS & SLOPES
- MAP 3: SCENIC RESOURCES
- MAP 4: WATER RESOURCES
- MAP 4A: CRITICAL ECOLOGICAL AREAS & BUILD-OUT
- MAP 5: CONSERVATION & RECREATION INVENTORY
- MAP 6: ACTION PLAN WITH PARCELS OF CONSERVATION INTEREST

APPENDIX A: PRESENT IPSWICH OPEN SPACE COMMITTEE MEMBERS

Glenn Hazelton (Committee Co-Chair)

Resource and Recreation Planner/GIS Specialist

Carolyn Britt (Committee Co-Chair)

Regional Planner

Dorothy Monnelly (Committee Co-Secretary)

Photographer
(Associate Member)

Ruth Sherwood (Committee Co-Secretary)

Jim Berry

Former Conservation Commissioner, former Committee Chair
(Associate Member)

Douglas DeAngelis

Engineer

Larry Eliot

Teacher
(Associate Member)

Mary B. ffolliott

(Associate Member)

Ed Monnelly

Psychiatrist
(Associate Member)

Carl Nylén

GIS Specialist

David Standley, P.E.

Environmental Consultant, former DEQE Commissioner, Conservation Commission
Chair

Ralph Williams

Engineer

Glenn Gibbs

Director of Planning and Development
(Ex-Officio Member)

**APPENDIX B: TOWN OF IPSWICH SURVEY FOR RESIDENTS:
MANAGEMENT OF GROWTH AND PROTECTION OF OPEN SPACE (1998)**

(Please see following page.)

APPENDIX C: ACCOMPLISHMENTS UNDER THE 2000-2004 OPEN SPACE PLAN

This appendix describes many of the accomplishments made by the Town of Ipswich since the approval of the last open space and recreation plan in January 2000. There have been many victories. The following list covers the major achievements and some of the minor ones as well. The town and the Open Space Committee are proud of these accomplishments and hope to report a similar list at the conclusion of its 2006-2010 plan. The achievements are grouped by subject matter according to the goal to which they are related.

GOAL 1: PRESERVE THE HISTORIC AND SCENIC CHARACTER OF THE TOWN

- The town met with farmers on several occasions to discuss general agricultural issues. Also an exploratory agricultural committee was formed to examine the possibility of establishing a town agricultural commission.
- The Wendell property (106 acres) and Scott Farm (83.5 acres) are two key scenic properties that contribute toward the rural character that defines Ipswich. The Wendell property was acquired in 2002 with the help of federal grants from the U.S. Fish & Wildlife Service, the state Executive Office of Environmental Affairs / Department of Conservation and Recreation, and the Trust for Public Land. The town purchased a CR in September 2001 for the Scott property.
- The Scenic Corridor along route 1A between Ipswich and Hamilton is ensured by the protection of CRs recently placed on the Barowy and New England Biolabs properties.

GOAL 2: PROTECT AND ENHANCE WATER RESOURCES

- The town has continued to acquire and protect lands close to town wells and environmentally sensitive properties within the water supply districts. The following properties were protected for watershed resources:

Dow Brook Conservation Area - 34 acres acquired in April 2003

Gaspar - 22.1 acres acquired in February 2004

Ross - 29.5 acres acquired in April 2002. Property was purchased as a possible site to relocate Brown's Well

Scott Farm CR - 83.5 acres acquired in September 2001. Property abuts Ipswich River as well as a Scenic Corridor

Smolenski - 16.9 acres acquired in January 2002. Property abuts Dow Brook watershed land

Willowdale - 40 acres acquired in June 2001. Purchase eliminated an inholding threatened with development in Willowdale State Forest.

- The town continues to refine the Open Space Preservation Zoning Bylaw.

- There was consideration of water supply issues during the growth management process, resulting in attention in the 2003 CDP.
- The Utilities Department has included public education about water conservation in distribution of utility bills and instituted a program to sell discounted rain barrels.
- As part of the special permitting process (e.g., 17 housing units at 6 Essex Rd.), the Planning Board is starting to require that developers incorporate water conservation and reuse, such as not allowing in-ground irrigation systems and requiring rain catchment systems.
- The Town Wharf pumps and force main between the pumping station and water treatment plant were replaced and improved in 2001.
- The following properties with significant wetland resources were acquired by the town:

Bush Hill Trust - 13 acres, fall 2000

Dow Brook Conservation Area - 34 acres, April 2003

Ross - 29.5 acres, April 2002

Wendell - 106 acres, March 2002.

- A CR was placed on Turner Hill golf course to protect water supply resources of Winthrop Wells and Bull Brook Reservoir, requiring management of use of fertilizer and excess runoff.
- Turner Hill has complied with the off-site mitigation requirements of the Conservation Commission Order of Conditions allowing the project.
- The transfer of fee title of a parcel on Heatherside Lane to the town in the care, custody and control of the Conservation Commission, and a CR held by ECGA provided an additional large buffer around the well field abutting the town well on Essex Road.
- Three additional vernal pools were certified on Turner Hill property, making a total of seven. In addition, off-site mitigation requirements ensured the certification of additional vernal pools on the following properties: Heatherside Lane (town-owned), town-owned parcel to the rear of the Marini Farm buildings, and two pools in Willowdale State Forest, bringing the total of certified vernal pools by the Turner Hill development to eleven.

GOAL 3: PROTECT AND MANAGE OTHER CRITICAL NATURAL RESOURCES

- The issue of endangered species was central to the review of a Heartbreak Road development. During the process, the Planning Board required adjustments to minimize impact to wildlife habitat, and rare and endangered species. An expert was hired and ultimately determined that the proposed project would not affect rare and endangered species.

- A change in 2001 to the zoning bylaw encourages cluster developments by allowing increased density, and thereby reducing fragmentation and interruption of wildlife corridors and trail systems. The change resulted in the submission of cluster plans by three developers (8-lot subdivision off Howard Street, 3-lot subdivision off Kimball Avenue, and 4-lot subdivision off Mill Road). The Howard Street and Kimball Avenue projects were approved, and the remaining project is still before the Planning Board.
- The following properties containing significant wildlife habitat were acquired or protected by means of the open space bond or self-help funds:

Bush Hill Trust - 13 acres of forest acquired in fall 2000

Dow Brook Conservation Area - 34 acres of forest acquired in April 2003

Gaspar - 22.1 acres of forest acquired in February 2004

Nichols Field - 14 acres adjacent to the Ipswich River protected through a special town meeting vote and a self-help grant

Ross - 29.5 acres of forest acquired in April 2002

Scott Farm CR - 83.5 acres of field and forest protected in September 2001

Smolenski - 16.9 acres of forest acquired in January 2002

Wendell - 106 acres of field and salt marsh acquired in March 2002

Willowdale State Forest Inholding - 40 acres of forest acquired in June 2001.

GOAL 4: PRESERVE SIGNIFICANT LAND FOR OPEN SPACE AND RECREATION

In addition to the parcels listed as protected in **GOALS 2** and **3** above, the following actions were taken.

- In April 2000, a \$10 million Open Space Bond Authorization was approved at Town Meeting, one of the biggest advances in open space protection in the town's history. A total of 345 acres has since been acquired and/or protected with bond expenditures, sometimes leveraged to obtain additional funding from other sources.
- A steering committee, which included a broad spectrum of town interests, was formed to make recommendations on how to implement the open space bond program. The September 20, 2000 *Report of the Open Space Bond Steering Committee* included recommendations on how the program should be implemented.
- Teams of Open Space Committee members evaluated the 85-plus parcels on the bond list to rank for open space values and establish a priority list.
- An open space bond administrator, reporting to the town Planner, was hired to manage the program.
- An open space assistant/stewardship coordinator was hired to oversee the management of town-owned or -controlled open space, including trail development, signage, prevention of abuse and recruitment of volunteers. The steward has also built an inventory of existing conservation restrictions to ensure public access to properties where it is a condition of the CR.

- The following town-owned parcels in need of active management have been identified:

Lands under the care, custody and control of the Conservation Commission

- 275 Linebrook Road. adjacent to Marini Farm
- Dow Brook Conservation Area
- Nichols Field
- Strawberry Hill
- Town Farm perimeter lands

Land of the Water department

- Bull Brook/Dow Brook Reservoir lands

- Technical assistance was obtained to plan management of the following town-owned parcels:
 - A wildlife ecologist from TTOR conducted a grassland bird survey at Strawberry Hill to assess the status of nesting grassland birds. This survey was used in development of a management plan creating guidelines for trail layout, dog management, haying of fields, sign content, vegetation pruning, etc.
 - Coordination among the ECGA stewardship director and the town conservation agent, Conservation Commission, and stewardship coordinator resulted in a plan of action to eliminate misuse of trail access on Nichols Field. The misuse created a trespass situation on adjacent private property, and degradation of riverbank and marsh vegetation. Action included enhanced signage, on-site communication with visitors, redirecting mowed paths and alerting local law enforcement.
 - The Department of Planning and Development hired an engineering consulting firm to design plans for public parking and new trail access across portions of the Dow Brook Conservation Area to link with existing trails, including the Bay Circuit Trail. Trail design included an elevated boardwalk over an area of wetlands containing a vernal pool, with engineered specifications appropriate for this environmentally sensitive area.
- The Conservation Commission conducted an analysis of town-owned conservation land adjacent to residential and farm land, where a permit has been granted to extend the Bay Circuit Trail through the property to determine the feasibility of banning hunting on the property. The Conservation Commission adopted a rule prohibiting hunting on the parcel and posted the land prior to the fall 2004 hunting season.
- The town collaborated with local law enforcement to resolve management issues pertaining to misuse and vandalism at Strawberry Hill and Dow Brook Conservation Area.
- Volunteers have been recruited to assist with management and maintenance of town-owned properties:
 - A Stewardship Committee was created to develop a management plan for Strawberry Hill.

- Volunteers assisted the Conservation Commission with posting of “No Hunting” signs at the 78-acre town-owned property at 275 Linebrook Rd.
 - Trash pickup and trail mowing were conducted regularly by volunteers at Nichols Field during fall, spring and summer months.
 - Five-and-one-half tons of trash were collected and properly disposed of with the help of volunteers during a clean-up day at Dow Brook Conservation Area. “No Motorized Vehicles” signs were posted on the perimeter of property.
- The town coordinated with Essex County Trail Association to establish a cooperative effort to maintain trails at Dow Brook Conservation Area when public access is finalized.
- An inventory of existing conservation restrictions was completed, including:
 - Creation of a database of all town-held CRs
 - Ongoing data gathering and site monitoring of those 18 town-held conservation restrictions
 - Completion of four reference binders and start of site monitoring.
- Local-option legislation was passed that allowed dedication of the revenue stream from the town's room-occupancy excise tax to the Open Space, Recreation, and Water Supply Protection Fund. The fund supports the position and activities of the open space stewardship coordinator.
- The open space bond administrator routinely seeks partnerships for funding purposes with state and federal agencies, and organizations such as the ECGA.
- On average, for every open space bond dollar spent by the town, a dollar of external funding was raised via individual donations, from project partners and/or from outside grants to project partners.
- Open Space Committee members and the town have rebuilt the open space layer on the new town parcel layer on GIS maps. This has been refined by work done in the Planner’s Office to determine the status of CRs and Chapter 61 lands. Trail easements found in the Assessor’s records were also added. This work has been combined with records compiled by ECGA and TTOR. The resulting data has been sent to MassGIS for quality control and inclusion in the official statewide open space layer.
- GIS layers have been instrumental in evaluating parcels for the open space bond and for reviewing subdivision proposals.

GOAL 5: ENHANCE RECREATIONAL OPPORTUNITIES APPROPRIATE AND ACCESSIBLE TO ALL AGE GROUPS

- Plans have been developed for trail access across the frontage of Dow Brook Conservation Area to link to the Bay Circuit Trail through the rear of the property. Handicapped parking, and a 500-foot handicapped accessible walkway and bridge over a vernal pool are planned.
- In 2002 ECTA and the Bay Circuit Trail Committee produced a local trail map using GPS.

- The Bay Circuit Trail Committee secured a trail easement along the Marini property in 2004.
- Seasonal trails were established across portions of the CR at Turner Hill.
- The girders are in place for the pedestrian bridge over the Ipswich River and completion is expected by fall 2005.
- Saw Mill Point, a pocket park on County Street along the Ipswich River, designed by Charles Shurcliff and funded by Alice Shurcliff, was completed in 2004.
- Planning for the Argilla Road Trail continues. Grant funds (January 2000, Fields Pond Foundation - \$5,000, and March 2000, Department of Environmental Management, Office of Natural Resources - \$5,000) were used to survey the town right of way for the length of the road and to produce a detailed base map of the road. In January 2005, TTOR, Crane Committee, voted to approve the concept of the trail and several public meetings were held to solicit additional community input.
- An Athletic Fields Committee was set up in December 2004 to assess the need for athletic fields in town and to identify and advocate for potential sites.
- A special permit approved in April 2004 for an 8-lot subdivision on Howard Road encouraged the developer to build a playground area for use by the rest of the neighborhood.
- Ipswich Pines on Topsfield Road, a 40B project, will include a playground area as part of the comprehensive permit.
- In 2003, improvements were made to the layout and soils of public soccer fields at the New England Biolabs property.
- The new Ipswich YMCA, one of the town's most important recreational facilities, was completed in 2000.
- Six tennis courts at the middle/high school were completed in the spring of 2003, and lights were installed and made available during the summer of 2004.
- New practice fields at the middle/high school were opened for use in September 2002. The stadium was used for the school's first football game in November 2002. Stadium lights were installed in the summer/fall of 2004.
- A town-owned pump-out boat that is free and covers all Ipswich waters has been in operation since 2000. The boat pumps out 4,000-5,000 gallons of effluent each summer.

GOAL 6: ENHANCE EDUCATIONAL PROGRAMS TO TEACH OPEN SPACE VALUES

- The Ipswich Bay Circuit Committee produced the third edition of *The Bay Circuit Guide to Walks in and around Ipswich* in 2004, and added botanical illustrations for identification of native vegetation.
- Ipswich elementary school science teachers have incorporated field trips to vernal pools, the Ipswich River, and the salt marsh to study the ecology and water quality of these areas. Over 80 fifth-grade elementary school children visited Dow Brook Conservation Area to study vernal pool species and habitat in spring. Another class has collected data for the past couple of years on vernal pools around town as well as on amphibian crossing zones, and has shared this with the Department of Public Works to get signage for crossing zones. They also sent information related to their findings to the Conservation Commission regarding an area proposed for development where they had documented amphibian migration.
- The stewardship coordinator wrote three local newspaper columns and two letters to the editor to educate citizens about open space issues such as volunteer clean-up events, updates about public access improvements, vandalism awareness and cooperation, and the value of school field trips to local conservation areas.

GOAL 7: PROMOTE A COOPERATIVE AND REGIONAL APPROACH TO OPEN SPACE AND RESOURCE PROTECTION

- The Green Ring Report was issued in 2000.
- The CDP was issued in July 2003.
- The TCS was issued in September 2004.
- The town maintains ongoing relations with the Essex County Community Foundation, Nine Towns and the Bay, Ipswich River Watershed Association, ECGA, TTOR, and Parker River Clean Water Association. The Open Space Committee is also affiliated with the Essex County Open Space Network, sponsored by the Massachusetts Audubon Society. The Open Space Committee, working in cooperation with the Topsfield Open Space Committee, was able to save the Willowdale inholding in 2001.
- The following documents have been posted on the town website: zoning bylaw, CDP, Green Ring Report, TCS, open space guidelines, and open space bond program information.

APPENDIX D: LIST OF ABBREVIATIONS

ACEC	Area of Critical Environmental Concern
ACO	Administrative Consent Order
ADA	Americans with Disabilities Act
ANR	Approval Not Required
Chapter 61	Tax reduction: 61 (forestry), 61A (agricultural), 61B (recreation)
Class B	Inland waters designated as a habitat for fish, other aquatic life, and wildlife, and for primary and secondary contact recreation.
Class SA	Coastal and marine waters designated as excellent habitat for fish, other aquatic life, and wildlife, and for primary and secondary contact recreation
CR	Conservation Restriction
CDP	(Ipswich) <i>Community Development Plan</i>
DCS	(Mass.) Division of Conservation Services (part of EOEA)
DCR	(Mass.) Department of Conservation and Recreation
DEP	(Mass.) Department of Environmental Protection
ECGA	Essex County Greenbelt Association
ECTA	Essex County Trail Association
EOEA	(Mass.) Executive Office of Environmental Affairs
FEMA	Federal Emergency Management Agency
GIS	Geographic Information System
IRP	Ipswich River Preservation, LLC
MAPC	Metropolitan Area Planning Council
MassWildlife	(Massachusetts) Division of Fisheries and Wildlife
NHESP	Natural Heritage and Endangered Species Program
NSTF	North Shore Task Force (MAPC region)
ORW	Outstanding Water Resource
RPA	River Protection Act
SCORP	Statewide Comprehensive Outdoor Recreation Plan
SPR	Site Plan Review
TCS	(Ipswich) <i>Town Character Statement</i>
TPL	Trust for Public Lands
TTOR	The Trustees of Reservations
USFWS	U.S. Fish and Wildlife Service
WPA	Wetlands Protection Act

APPENDIX E: INVENTORY OF LANDS OF CONSERVATION AND RECREATION INTEREST

The table of **Lands of Conservation and Recreation Interest** that follows was derived from the open space GIS layer. The legend for the fields is the same as for the layer. A more detailed list of attributes and their definitions is available from the town Department of Planning and Development or from the state office of GIS (MassGIS).

The three Levels of Protection correlate to the type of ownership. Limited indicates that the town owns the parcel but that it is not under the care and control of the Conservation Commission. Therefore it can be sold or used for non-open space or recreation purposes. Temporary protection means that the parcel is designated as Chapter 61, 61A or 61B land. This designation gives the landowner a break in taxes in return for not developing the parcel. However, the land owner can sell the parcel but the town has the right-of-first-refusal, and the landowner will be obligated to pay taxes. Permanent protection indicates that the parcel is either owned by the Conservation Commission or a non-profit land trust or that the deed signifies the parcel is to be protected in perpetuity.

TABLE LEGEND

LEVEL	Level of Protection (L-Limited, P-Permanent, T-Temporary)
CR	Conservation Restriction (CR- Yes, Blank- No)
CR MANAGER	Entity that holds the CR
CH61	Chapter 61 Tax Exemption (A-Agriculture, B-Recreation, F-Forest)
ACCESS	Public Access (O-Open, X-Closed, Blank-Unknown)
PURPOSE	Primary Purpose (C-Conservation, W-Watershed, O-Other, B-Recreation and Conservation, S-Scenic, H-Historic, R-Recreation, X-Unknown)

Following this table is a list of the acquisitions that has been added to the inventory since the last Open Space and Recreation Plan in 2000. The process and funding sources for each of these parcels is described in a narrative.

Inventory of Lands of Conservation and Recreation Interest

<i>Level</i>	<i>Map_Lot</i>	<i>Owner</i>	<i>CR</i>	<i>CR Manager</i>	<i>CH61</i>	<i>Access</i>	<i>Purpose</i>	<i>Acres</i>
L	34_001	TOWN OF IPSWICH				O	X	32.23
L	30B_006	TOWN OF IPSWICH				O	S	22.68
L	02_009	TOWN OF IPSWICH						51.91
L	42A_113	TOWN OF IPSWICH				O	H	0.64
L	42A_250	TOWN OF IPSWICH				O	R	6.98
L	48_005A	TOWN OF IPSWICH						0.24
L	06_006	TOWN OF IPSWICH						5.35
L	29C_031	TOWN OF IPSWICH				O	R	17.03
L	41D_165	TOWN OF IPSWICH				O	X	1.31
L	15C_094	TOWN OF IPSWICH						0.08
L	24C_174	TOWN OF IPSWICH						0.38
L	42A_109	TOWN OF IPSWICH				O	C	0.06
L	22D_076	TOWN OF IPSWICH				O	X	0.11
L	42A_107	TOWN OF IPSWICH				O	C	0.10
L	42A_044	TOWN OF IPSWICH				O	C	0.15
L	38A_005	TOWN OF IPSWICH				O	C	4.39
L	38A_004	TOWN OF IPSWICH				O	C	7.53
L	42A_171	TOWN OF IPSWICH						0.03
L	41A_003A	TOWN OF IPSWICH						0.81
L	22D_074	TOWN OF IPSWICH				O	X	0.09
L	22D_119	TOWN OF IPSWICH						0.11
L	64_010	TOWN OF IPSWICH				O	C	3.45
L	27D_004A	TOWN OF IPSWICH						3.00
L	21_070	TOWN OF IPSWICH				O		1.57
L	23B_062	TOWN OF IPSWICH						0.49
L	22D_148	TOWN OF IPSWICH				O	C	0.13

<i>Level</i>	<i>Map_Lot</i>	<i>Owner</i>	<i>CR</i>	<i>CR Manager</i>	<i>CH61</i>	<i>Access</i>	<i>Purpose</i>	<i>Acres</i>
L	21_030	TOWN OF IPSWICH				O	C	2.29
L	28A_124	TOWN OF IPSWICH						0.34
L	34_001	TOWN OF IPSWICH				O	X	3.51
L	42A_186A	TOWN OF IPSWICH						0.11
L	21_073	TOWN OF IPSWICH				O	C	2.12
L	07_008	TOWN OF IPSWICH				O		9.47
L	42A_099	TOWN OF IPSWICH				O	R	9.97
L	07_006	TOWN OF IPSWICH				O		16.35
N	33_014	STATE STREET BANK +				X	X	23.68
N	27D_004C	HILLS, ARTHUR						4.20
N	13_016	SULLIVAN, DANIEL M						6.53
N	27D_005	GAGNON, DONALD						3.73
N	27D_004	GREGORY, CHRISTOPHER						6.11
N	45_003	CODMAN, RUSSEL S JR.				X	X	2.06
N	27D_001	TEDFORD, JAMES						4.02
P	13_015	DFW				O		1.57
P	44_021A	TTOR				O	B	44.66
P	62_014A	ECGA				X	C	27.44
P	54C_009	ECGA				O	C	11.95
P	50_004	MARKOS, GEORGE J TC				O	B	3.75
P	65_002	TTOR				X	C	4.43
P	50_002	DCR				X	X	40.10
P	13_013	DFW				O	C	2.09
P	13_014	DFW				O	C	3.46
P	65_001	ECGA				X	C	17.77
P	49_007	DCR				O	B	28.61
P	55_002	TTOR						2.96
P	49_015	DCR				O	B	10.35
P	62_004	APPLETON, JOAN				X	C	244.19
P	48_006	TOWN OF TOPSFIELD				O	C	4.17

<i>Level</i>	<i>Map_Lot</i>	<i>Owner</i>	<i>CR</i>	<i>CR Manager</i>	<i>CH61</i>	<i>Access</i>	<i>Purpose</i>	<i>Acres</i>
P	49_016	DCR				O	B	7.08
P	14_016A	ECGA				X	C	21.15
P	49_014	DCR				O	B	44.58
P	33_014	TTOR				O		249.38
P	44_016A	TTOR						<u>6.65</u>
P	49_009	DCR				O	B	163.83
P	06_003B	ECGA				X	C	4.79
P	64_023	ECGA				X	C	9.46
P	43A_006	ECGA				X	C	21.14
P	50_001	DCR				O		<u>20.12</u>
P	40_043	DCR				X		4.80
P	52_001	WINTHROP, FRED				X		207.28
P	01_001	TOWN OF IPSWICH						130.91
P	37D_011	ECGA				X	C	16.74
P	60_004	DCR						<u>0.64</u>
P	13_025	TOWN OF IPSWICH						367.82
P	60_002	DCR				O	C	3.27
P	42D_006	ECGA				X	C	9.15
P	43C_003	ECGA				O	C	3.86
P	36_009	DCR				O	B	<u>210.75</u>
P	28C_001	DCR				O	B	1,619.89
P	62_004	APPLETON, JOAN				X	C	238.92
P	60_007	DCR				O	B	9.73
P	42A_167	IPSWICH HISTORICAL				O	H	1.17
P	23A_009	ECGA				O	C	<u>43.25</u>
P		TTOR				O	B	2.09
P	44_013A	TTOR						20.35
P	44_019	TTOR				O	B	71.32
P	45_004	TTOR				O	B	280.63
P	34_002	TTOR				O	B	702.14

<i>Level</i>	<i>Map_Lot</i>	<i>Owner</i>	<i>CR</i>	<i>CR Manager</i>	<i>CH61</i>	<i>Access</i>	<i>Purpose</i>	<i>Acres</i>
P	68_027	ECGA				X	C	16.63
P	68_032	ECGA				X	C	3.15
P	55_016B	TTOR				X	C	21.06
P	64_022	ECGA				X	C	13.63
P	55_008A	TTOR				X	C	5.75
P	16_001	U.S. GOVERNMENT				X	C	922.09
P	42B_018A	ECGA				X	C	7.02
P	07_006A	DFW				O	C	13.50
P	23A_009	ECGA				X	C	7.37
P	16_001	U.S. GOVERNMENT				O	C	0.18
P	16_001	U.S. GOVERNMENT				O	C	0.02
P	62_014	ECGA						10.27
P	28C_001	DCR				O		2.80
P	62_015	ECGA						14.18
P	42A_115	IPSWICH HISTORICAL				O	H	1.71
P	07_010	ECGA				X	C	22.09
P	32_007	TTOR				O	C	0.51
P	15C_060B	ECGA				O	C	3.97
P	16_001	U.S. GOVERNMENT				X	C	0.10
P	15C_060B	ECGA				O	C	0.24
P	42A_116	IPSWICH HISTORICAL				O	H	0.20
P	14_010	ECGA				X	C	13.77
P	23A_001	DFW				O	C	31.08
P	23D_056A	TTOR				O	C	18.37
P	22D_040	TTOR				O	C	127.33
P	23C_021	TTOR				O	C	2.73
P	31B_005A	TTOR				O	C	18.95
P	15C_060B	ECGA				O	C	3.07
P	44_009	TTOR				O		117.19
P	36_003	DCR				X		19.46

<i>Level</i>	<i>Map_Lot</i>	<i>Owner</i>	<i>CR</i>	<i>CR Manager</i>	<i>CH61</i>	<i>Access</i>	<i>Purpose</i>	<i>Acres</i>
P	23C_017	ECGB				O		33.11
P	16_002	DCR				O	B	136.16
P	62_002B	ECGA				O	C	12.90
P	16_001	U.S. GOVERNMENT				X	C	0.05
P	16_001	U.S. GOVERNMENT				O	C	<u>0.22</u>
P	55_023	TTOR				X	C	130.27
P	16_001	U.S. GOVERNMENT				X	C	0.01
P	16_001	U.S. GOVERNMENT				X	C	0.64
P	09_001	U.S. GOVERNMENT				X	C	0.16
P	37D_003E	ECGA				X		<u>2.70</u>
P	09_001	U.S. GOVERNMENT				O	C	2.74
P	16_001	U.S. GOVERNMENT				O	C	6.50
P	16_001	U.S. GOVERNMENT				O	C	0.02
P	23A_001	DFW				O	C	21.05
P	09_001	U.S. GOVERNMENT				X	C	<u>2.91</u>
P	42B_019	ECGB				O	C	4.42
P	13_020	DFW				O	C	4.51
P	42B_027	ECGA				X	C	2.38
P	22D_037	TTOR				O	C	0.55
P	22D_032	TTOR				O	C	<u>1.56</u>
P	13_032	ECGA				X	C	9.13
P	13_019	DFW				O	C	27.05
P	45_001	TTOR				X	X	3.48
P	21_040A	DFW				O	C	12.76
P	22D_019	TTOR				O	C	<u>1.20</u>
P	23C_044	TTOR				O	C	0.26

<i>Level</i>	<i>Map_Lot</i>	<i>Owner</i>	<i>CR</i>	<i>CR Manager</i>	<i>CH61</i>	<i>Access</i>	<i>Purpose</i>	<i>Acres</i>
P	22D_018	TTOR				O	C	0.12
P	44_020	TTOR				O	B	6.13
P	62_014B	ECGA				X	C	18.73
P	22D_017	TTOR				O	C	0.20
P	36_042	TOWN OF IPSWICH						0.10
P	32A_010	TTOR				O	C	43.69
P	06_007	ECGA				X	C	29.28
P	20C_003	TOWN OF IPSWICH				X	X	19.01
P	12_003A	TOWN OF IPSWICH				O		38.37
P	42A_147	TOWN OF IPSWICH				O	H	1.61
P	37D_015	TOWN OF IPSWICH						0.61
P	31C_105	TOWN OF IPSWICH				O	S	0.17
P	30D_143	TOWN OF IPSWICH				O	R	14.14
P	30D_021	TOWN OF IPSWICH				O	C	76.74
P	42A_054	TOWN OF IPSWICH				O	C	0.36
P	42C_062	TOWN OF IPSWICH				O	R	0.66
P	42C_055	TOWN OF IPSWICH				O	H	4.35
P	30B_035	TOWN OF IPSWICH				O	H	4.13
P	28C_028	TOWN OF IPSWICH				O	R	1.70
P	37B_023	TOWN OF IPSWICH				O	H	1.84
P	31A_010	TOWN OF IPSWICH				O	C	15.41
P	24A_112	TOWN OF IPSWICH				O	R	2.57
P	41D_026	TOWN OF IPSWICH				O	R	0.63
P	24A_009	TOWN OF IPSWICH				O	R	2.00
P	06_012	TOWN OF IPSWICH				O		44.04
P	52_003	TOWN OF IPSWICH				X		7.34
P	30A_003A	TOWN OF IPSWICH				O	W	2.66
P	31A_003	TOWN OF IPSWICH				O	C	9.24
P	22_014	TOWN OF IPSWICH						1.59
P	19D_003	TOWN OF IPSWICH				O	W	20.59

<i>Level</i>	<i>Map_Lot</i>	<i>Owner</i>	<i>CR</i>	<i>CR Manager</i>	<i>CH61</i>	<i>Access</i>	<i>Purpose</i>	<i>Acres</i>
P	22D_076A	TOWN OF IPSWICH				O	X	0.11
P	22D_077	TOWN OF IPSWICH				O	X	0.11
P	28C_054	TOWN OF IPSWICH				O	C	73.21
P	22D_078	TOWN OF IPSWICH				O	X	0.11
P	22D_133	TOWN OF IPSWICH				O	C	0.14
P	22D_117	TOWN OF IPSWICH				O	X	0.16
P	13_022	TOWN OF IPSWICH				O	C	7.29
P	42C_018	TOWN OF IPSWICH				O	R	0.45
P	40_049A	TOWN OF IPSWICH						13.14
P	43A_002A	TOWN OF IPSWICH				O	C	15.09
P	22D_048	TOWN OF IPSWICH				O	C	10.20
P	08_001	U.S. GOVERNMENT				O	C	0.08
P	15A_001	NELSON, DOROTHY R				O	C	0.16
P	42A_053	TOWN OF IPSWICH				O	C	0.35
P	42B_002	TOWN OF IPSWICH				O	C	0.25
P	24C_175	TOWN OF IPSWICH				O	R	3.79
P	22_001	TOWN OF IPSWICH				O	C	0.36
P	14_007A	TOWN OF IPSWICH						1.78
P	32_008	TOWN OF IPSWICH						1.55
P	13_027	TOWN OF IPSWICH						0.87
P	07_007	TOWN OF IPSWICH				O		32.92
P	07_007	TOWN OF IPSWICH				O		27.30
P	07_007	TOWN OF IPSWICH				O		3.89
P	06_010	TOWN OF IPSWICH				O		22.12
P	13_006	TOWN OF IPSWICH				O	C	2.57
P	13_007	TOWN OF IPSWICH				O	C	1.17
P	13_009	TOWN OF IPSWICH				O		2.93
P	13_008	TOWN OF IPSWICH				O	C	10.05
P	13_034	TOWN OF IPSWICH				O	C	0.70
P	02_007	TOWN OF IPSWICH				O		10.31

<i>Level</i>	<i>Map_Lot</i>	<i>Owner</i>	<i>CR</i>	<i>CR Manager</i>	<i>CH61</i>	<i>Access</i>	<i>Purpose</i>	<i>Acres</i>
P	22_015	TOWN OF IPSWICH				O	C	28.04
P	14_011	TOWN OF IPSWICH				O		12.05
P	22_006	TOWN OF IPSWICH				O	C	0.73
P	22_001	TOWN OF IPSWICH				O	C	0.12
P	22_001	TOWN OF IPSWICH				O	C	1.06
P	22_001	TOWN OF IPSWICH				O	C	0.24
P	21_040	TOWN OF IPSWICH				O	C	48.79
P	13_035	TOWN OF IPSWICH				O	C	5.44
P	23C_016C	TOWN OF IPSWICH				X		0.40
P	23C_043	TOWN OF IPSWICH				O	X	2.91
P	32_009	TOWN OF IPSWICH				O	C	7.68
P	22_001	TOWN OF IPSWICH				O	C	98.67
P	15A_008	TOWN OF IPSWICH				O	C	0.26
P	15A_018	TOWN OF IPSWICH				O	C	0.54
P	15A_018	TOWN OF IPSWICH				O	C	15.22
P	13_033	TOWN OF IPSWICH				O		6.28
P	14_013	TOWN OF IPSWICH				O		17.98
P	02_002	TOWN OF IPSWICH				O		9.64
P	02_005	TOWN OF IPSWICH				O		0.83
P	02_005	TOWN OF IPSWICH				O		53.90
P	02_005	TOWN OF IPSWICH				O		0.20
P	02_005	TOWN OF IPSWICH				O		1.43
P	07_011	TOWN OF IPSWICH				O		9.96
P	07_007	TOWN OF IPSWICH				O		8.18
P	07_007	TOWN OF IPSWICH				O		1.33
P	07_014	TOWN OF IPSWICH				O		4.09
P	07_015	TOWN OF IPSWICH				O		36.47
P	08_002	TOWN OF IPSWICH				O		1.31
P	14_015	TOWN OF IPSWICH				O		3.16
P	22_001	TOWN OF IPSWICH				X	C	3.55

<i>Level</i>	<i>Map_Lot</i>	<i>Owner</i>	<i>CR</i>	<i>CR Manager</i>	<i>CH61</i>	<i>Access</i>	<i>Purpose</i>	<i>Acres</i>
P	14_016	TOWN OF IPSWICH				X	C	9.15
P	23A_014	TOWN OF IPSWICH				O	C	19.85
P	23D_057	TOWN OF IPSWICH						0.71
P	23C_046	TOWN OF IPSWICH						0.13
P	23D_054	TOWN OF IPSWICH						<u>1.51</u>
P	08_002	TOWN OF IPSWICH				O		1.15
P	14_016	TOWN OF IPSWICH				X	C	180.01
P	14_012	TOWN OF IPSWICH				O		0.94
P	14_012	TOWN OF IPSWICH				O		6.66
P	14_012	TOWN OF IPSWICH				O	C	<u>0.72</u>
P	14_012	TOWN OF IPSWICH				O	C	0.45
P	31D_087	TOWN OF IPSWICH				O	R	1.43
P	08_003	U.S. GOVERNMENT				O	C	25.57
P	42C_094	TOWN OF IPSWICH				O	R	1.17
P	20C_007	TOWN OF IPSWICH				O	W	<u>49.89</u>
P	29A_005	TOWN OF IPSWICH				O	A	28.16
P	42A_085	TOWN OF IPSWICH				O	W	0.11
P	20C_005	TOWN OF IPSWICH				O	W	9.63
P	29C_002B	TOWN OF IPSWICH					W	2.66
P	19B_005	TOWN OF IPSWICH				O	W	<u>23.61</u>
P	19B_001	TOWN OF IPSWICH				O	W	7.49
P	19D_007	TOWN OF IPSWICH				O	W	11.22
P	20C_004	TOWN OF IPSWICH				O	W	17.82
P	20C_006	TOWN OF IPSWICH				O	W	2.24
P	20D_008	TOWN OF IPSWICH				O	W	<u>119.88</u>
P	31D_062A	TOWN OF IPSWICH					W	0.02
P	30A_021	TOWN OF IPSWICH				O	W	11.68
P	20A_016D	TOWN OF IPSWICH				O	W	64.26
P	22D_040A	TOWN OF IPSWICH					W	0.07
P	63B_004A	TOWN OF IPSWICH				O	W	20.61

<i>Level</i>	<i>Map_Lot</i>	<i>Owner</i>	<i>CR</i>	<i>CR Manager</i>	<i>CH61</i>	<i>Access</i>	<i>Purpose</i>	<i>Acres</i>
P	23B_073A	TOWN OF IPSWICH					W	0.65
P	63_010C	TOWN OF IPSWICH				O	W	7.43
P	56_010D	SHURCLIFF, ALICE W	CR	TTOR				4.91
P	20A_026	ECGA	CR	TOWN OF IPSWICH		O	C	33.44
P	44_032	TOWNSEND, GERTRUDE	CR	TTOR				10.77
P	44_027	TOWNSEND, THOMAS H TR	CR	TTOR				4.02
P	44_025	JENNINGS, ELLEN O	CR	TTOR				33.46
P	55_016A	GOODALE, JANE C	CR	ECGA		X	C	2.51
P	44_023	FIDUCIARY TRUST COMP	CR	TTOR				2.37
P	37C_003	CARPENTER, BARBARA E	CR	ECGA				15.31
P	15C_061A	WARD, JOHN B TRS	CR	TOWN OF IPSWICH		X		2.75
P	70_001	CLARK, FORRESTER	CR	ECGA		O		31.12
P	55_016	GOODALE, JANE TRS	CR	ECGA		X	C	37.72
P	55_018	RUSSELL, MAX D	CR	ECGA		X	C	76.25
P	55_017	GOODALE, SUSAN B TRS	CR	ECGA		X	C	1.79
P	64_028	RUSSELL, DOUGLAS D TE	CR	ECGA		X	C	3.35
P	64_025	RUSSELL, MAX D + DIAN	CR	ECGA		X	C	3.82
P	64_026	RUSSELL, LAURA N TRS	CR	ECGA		X	C	28.94
P	63A_001	TOWN OF IPSWICH	CR	ECGA				19.26
P	51_007	TURNER HILL	CR	TOWN OF IPSWICH				297.38
P	64_026	RUSSELL, LAURA N TRS	CR	ECGA		X	C	3.21
P	21_110	PRENTISS	CR	TOWN OF IPSWICH				9.32
P	42A_167	IPSWICH HISTORICAL S	CR	TOWN OF IPSWICH		O	H	4.02
P	15C_061B	WARD, PHILIP F 11	CR	TOWN OF IPSWICH		X		0.80
P	40_071	LODEWICK, SUSAN	CR	TOWN OF IPSWICH		X	A	10.42
P	40_070	ANASTAS, STEPHEN J TE	CR	TOWN OF IPSWICH		X	A	9.57

<i>Level</i>	<i>Map_Lot</i>	<i>Owner</i>	<i>CR</i>	<i>CR Manager</i>	<i>CH61</i>	<i>Access</i>	<i>Purpose</i>	<i>Acres</i>
P	62B_022	AUSTIN, CAROL P TRS	CR	ECGA				2.84
P	62_014	FINKELSTEIN, ARTHUR J	CR	ECGA		X	C	7.33
P	60_013	TURNER HILL NOMINEE	CR	TTOR		O	C	108.54
P	22D_153	TOWN OF IPSWICH	CR	DCR		O	C	16.19
P	53D_011	PETRANEK, JOSEPH R TR	CR	ECGA				13.19
P	44_025	JENNINGS, ELLEN O	CR	TTOR				4.35
P	44_029	TOWNSEND, CHARLES ES	CR	TTOR				14.06
P	56_007	SHURCLIFF, SIDNEY ET	CR	TTOR				7.62
P	53A_018	MASTER CARD	CR	TOWN OF IPSWICH		X	C	23.05
P	19C_059	IPSWICH CLUB HOMES A	CR	TOWN OF IPSWICH		X	B	173.19
P	36_003	WINCHESTER COMMONS	CR	TOWN OF IPSWICH		X		2.06
P	56_007	SHURCLIFF, SIDNEY ET	CR	TTOR				2.65
P	56_010E	LOWELL, ELIZABETH S	CR	TTOR				6.21
P	43A_002	WEATHERALL, MARY	CR	ECGA		X		2.45
P	55_014A	OSBORNE, SYDNEY W TRU	CR	TTOR				1.66
P	55_014A	OSBORNE, SYDNEY W TRU	CR	TTOR				1.25
P	55_012	RAYMOND, ELIZABETH W	CR	TTOR				18.78
P	56_010	INGELFINGER, SARAH S	CR	TTOR				16.82
P	56_008	SHURCLIFF, WILLIAM A	CR	TTOR		X	C	1.34
P	56_008	SHURCLIFF, WILLIAM A	CR	TTOR		X	C	0.82
P	56_010A	SHURCLIFF, WILLIAM A	CR	TTOR		X	C	4.88
P	44_035	CLAPP, NATHANIEL B TE	CR	TTOR				6.86
P	55_014	CLAPP, ANDREW D TE	CR	TTOR				0.96
P	37B_001	IPSWICH REALTY TRUST	CR	TOWN OF IPSWICH				23.16
P	43A_002	WEATHERALL, MARY	CR	ECGA		X		0.20
P	54B_024C	PLATT	CR	ECGB		X	C	6.30
P	53A_021B	SNOW	CR	ECGB				2.33
P	53C_025A	SNOW	CR	ECGB				5.19
P	53C_025	SNOW	CR	ECGB				20.43

<i>Level</i>	<i>Map_Lot</i>	<i>Owner</i>	<i>CR</i>	<i>CR Manager</i>	<i>CH61</i>	<i>Access</i>	<i>Purpose</i>	<i>Acres</i>
P	41A_008	PAPPALIMBERIS, LOUIS	CR	TOWN OF IPSWICH		X	C	3.92
P	43A_002	WEATHERALL, MARY	CR	ECGA		O		1.26
P	41C_076W	BUSHHILL, CONSERVATIO	CR	TOWN OF IPSWICH		X	C	21.01
P	28A_059	GAETA, PAUL J TE	CR	TOWN OF IPSWICH		X	B	6.82
P	42C_052	IPSWICH HOUSING AUTH	CR	TOWN OF IPSWICH		X	C	1.71
P	19C_059	IPSWICH CLUB HOMES A	CR	TOWN OF IPSWICH		X	B	53.15
P	42A_135A	COUGHLIN, JOHN T + PR	CR	TOWN OF IPSWICH		X	C	0.76
P	31D_060	DICK, DALE G TRS	CR	ECGA				2.62
P	55_001D	SOKOLOV, MARION LEE	CR	ECGA				2.07
P	44_005	HATCH, FRANCIS W 111	CR	TTOR				15.65
P	63A_031	MEADOWVIEW FARM OWNE	CR	TOWN OF IPSWICH		X	C	6.15
P	20A_031	MISHEL, LEONARD J	CR	TOWN OF IPSWICH		O		3.25
P	42C_053	WIEDENMANN, FRANCIS J	CR	TOWN OF IPSWICH		X	C	0.88
P	12_017	MATTIN, PATRICK T TEE	CR	TOWN OF IPSWICH		O		1.24
P	12_023	WORKMAN, DAVID E	CR	TOWN OF IPSWICH		O		0.76
P	12_022	BOCKO, STEPHEN T TE	CR	TOWN OF IPSWICH				0.25
P	42C_067	TODD, MICHAEL JOHN CL	CR	ECGA				13.95
P	44_020A	BERGH, R THROOP TE	CR	TTOR				1.06
P	12_021	WIMBLE, GREGORY A	CR	TOWN OF IPSWICH		O		0.48
P	12_020	KALKER, SPENCER TE	CR	TOWN OF IPSWICH		O		1.03
P	36_002	TOWN OF IPSWICH	CR	TOWN OF IPSWICH		X		16.13
P	23A_003	TOWN OF IPSWICH	CR	TOWN OF IPSWICH		X		3.36
P	36_001	TOWN OF IPSWICH	CR	TOWN OF IPSWICH		X		2.32
P	40_004E	TOWN OF IPSWICH	CR	TOWN OF IPSWICH		X		32.38
P	36_001	TOWN OF IPSWICH	CR	TOWN OF IPSWICH		X		6.92
P	52B_102	AMANN, DAVID G TE	CR	TOWN OF IPSWICH		O		4.33
P	36_001	TOWN OF IPSWICH	CR	TOWN OF IPSWICH		X		0.21

<i>Level</i>	<i>Map_Lot</i>	<i>Owner</i>	<i>CR</i>	<i>CR Manager</i>	<i>CH61</i>	<i>Access</i>	<i>Purpose</i>	<i>Acres</i>
P	19D_005	TOWN OF IPSWICH	CR	DCR		O		12.95
P	22D_048	TOWN OF IPSWICH	CR	DCR		O	C	7.90
P	22D_048	TOWN OF IPSWICH	CR	DCR		O	C	14.63
P	22D_048	TOWN OF IPSWICH	CR	DCR		O	C	15.31
P	22D_048	TOWN OF IPSWICH	CR	DCR		O	C	<u>24.91</u>
P	22D_048	TOWN OF IPSWICH	CR	TOWN OF IPSWICH		O	C	12.49
P	52_016	TOWN OF IPSWICH	CR	TOWN OF IPSWICH		X	C	9.97
P	40_056	TOWN OF IPSWICH	CR	TOWN OF IPSWICH		X	C	6.47
P	54A_020C	TOWN OF IPSWICH	CR	TOWN OF IPSWICH		O	B	3.25
P	42D_018B	MCDAVITT, DONALD	CR	TOWN OF IPSWICH		X	C	<u>48.62</u>
P	42D_018	DANIELS, ROBERT L TRS	CR	TOWN OF IPSWICH		X	C	79.77
P	42D_018C	SMITH, PAUL J TE	CR	TOWN OF IPSWICH		X	C	15.44
P	19B_004	TOWN OF IPSWICH	CR	TOWN OF IPSWICH		O	W	15.78
P	60_002A	TOWN OF IPSWICH	CR	ECGA		X	W	0.15
P	60_003A	TOWN OF IPSWICH	CR	ECGA		X	W	<u>0.17</u>
P	61_001	TOWN OF IPSWICH	CR	ECGA		X	W	5.07
P	21_104	TOWN OF IPSWICH	CR	DCR		X	W	29.68
P	21_063	HETNAR, STANLEY JR.	CR	ECGA	A	X	A	6.00
T	30C_053	WEGZYN, JOHN			A	X	A	6.63
T	68_003A	HEZZEY, ANNE J + ROMA			A	X	A	<u>5.37</u>
T	41A_008	PAPPALIMBERIS, LOUIS			A	X	A	35.54
T	62_002	BAROWY, LILLIAN C ETA			A	X	A	12.76
T	68_004	50 CANDLEWOOD ROAD L			A	X	A	14.27
T	41A_038	THERIAULT, DANIEL M			A	X	A	1.78
T	68_002	CRESSEY, JOSEPH LE			A	X	A	<u>13.75</u>
T	29C_004A	LYNCH, EUGENE R TE			A	X	A	14.64
T	40_046	LYNCH, EUGENE R			A	X	A	15.54
T	28D_005A	GALICKI FARMS LLC			A	X	A	61.89
T	28D_006A	RICHARDS, KENNETH A +			A	X	A	72.15
T	20B_030	LANE, DAVID W			A	X	A	<u>11.62</u>
T	20B_038	ROSS, JOHN W TE			A	X	A	16.83

<i>Level</i>	<i>Map_Lot</i>	<i>Owner</i>	<i>CR</i>	<i>CR Manager</i>	<i>CH61</i>	<i>Access</i>	<i>Purpose</i>	<i>Acres</i>
T	20B_030A	ROSS, ARTHUR K JR. J			A	X	A	63.23
T	12_011	SAVAGE, MICHAEL R ETA			A	X	A	58.14
T	54C_017	CALEF, STEVEN R + W H			A	X	A	18.11
T	42C_085A	DESMOND, PAUL M TE			A	X	A	10.15
T	29C_003	LYNCH, EUGENE R			A	X	A	5.28
T	28D_004	MARINI, VINCENT M ET			A	X	A	57.13
T	41A_008D	PAPPALIMBERIS, MICHAEL			A	X	A	3.39
T	41B_019	PAPPALIMBERIS, LOUIS			A	X	A	2.32
T	41B_308	PAPPAS, PETER J			A	X	A	3.12
T	41B_306	S.M.B. DEVELOPMENT C			A	X	A	1.81
T	30D_135	ROMAN CATHOLIC ARCHB			A	X	A	11.81
T	30B_037B	WARD, PHILIP F			A	X	A	1.54
T	30B_066	COMEAU, DAVID M JR TE			A	X	A	1.01
T	30B_067	COMEAU, MATTHEW J TE			A	X	A	2.07
T	21_088	KOZAZCKI, MITCHELL W			A	X	A	20.16
T	21_049	COMEAU-SIMONSON H PA			A	X	A	6.05
T	21_082	WEGZYN, FREDERICK A			A	X	A	7.52
T	42D_001	MARSH, EDWARD B JR.			A	X	A	24.60
T	52B_010A	JUNTUNEN, PETER M & J			A	X	A	10.11
T	63_014	KNOWLTON, DAVID R LE			A	X	A	16.83
T	63_010A	MCCARTHY, RONALD G T			A	X	A	7.42
T	63_029	CHADWICK CATHRYN M T			A	X	A	9.42
T	63_003	POOR, DANIEL W JR.			A	X	A	17.11
T	62_002	BAROWY, LILLIAN C ETA			A	X	A	15.75
T	63_030	TOWLE, ALEXIS C TE			A	X	A	17.35
T	63A_006B	FAY, JAMIE M JT			A	X	A	4.94
T	64_002	MACROKANIS, GEORGE A			A	X	A	10.01
T	63B_013	BREAR, JOSEPH A JR			A	X	A	24.08
T	29D_021	KELLY, JOHN E ETAL T			A	X	A	60.40

<i>Level</i>	<i>Map_Lot</i>	<i>Owner</i>	<i>CR</i>	<i>CR Manager</i>	<i>CH61</i>	<i>Access</i>	<i>Purpose</i>	<i>Acres</i>
T	51_005	LOGAN, CIRILLA A			A	X	A	32.51
T	30C_053L	WEGZYN, GLADYS A			A	X	A	5.45
T	40_025	KAMON, FREDERICK J JT			A	X	A	6.51
T	40_044A	GOLD JEFFREY TE			A	X	A	5.65
T	40_029	KAMON, FREDERICK J JT			A	X	A	10.81
T	40_017	KAMON, FREDERICK J JT			A	X	A	6.54
T	40_018	KAMON, FREDERICK J JT			A	X	A	9.83
T	40_008	KAMON, FREDERICK J JT			A	X	A	26.69
T	29C_029	HARRIS, NATHANIEL J T			A	X	A	106.30
T	40_020	KAMON, FREDERICK J JT			A	X	A	25.36
T	40_035	KAMON, FREDERICK J JT			A	X	A	14.73
T	41A_009A	KAMON, FREDERICK J JT			A	X	A	7.90
T	24A_096	PROP OF GT NECK INC			B	O	R	5.49
T	55_020B	KENNEY, GERALD A			B	X	R	39.22
T	20B_031	IPSWICH FISH + GAME			B	X	R	25.16
T	63B_003	WHIPPLE, GRACIE H + G			B	X	R	31.08
T	24A_097	ASSOC. OF GREAT NECK			B	O	R	12.54
T	26_004	NORCROSS, H RUDOLPH			F	X	C	4.45
T	27A_002	NORCROSS, H RUDOLPH			F	X	C	11.71
T	53A_003	KLINGER, RAYMOND A J			F	X	X	18.66

New Acquisitions

Since the last Open Space and Recreation Plan in 2000 the following properties have been purchased. A variety of funding sources has been used. All these projects have used the Ipswich Open Space Bond fund to leverage additional funding. A description of these projects follows the table.

<i>PROPERTY COST</i>	<i>ACRES</i>	<i>YEAR</i>	<i>MAP_LOT</i>	<i>TOTAL COST</i>	<i>BOND FUNDING</i>	<i>OTHER</i>	<i>PURPOSE</i>
Strawberry Hill	106	2002	22D_015	\$4 million	\$1.91 million	\$1.5 million	Habitat, Public
Scott Farm CR	83.5	2001	53C_012	\$1.45 mil.	\$1.45 million		Cons., Scenic
Willowdale	40	2001	50_002	\$2.5 mil.	\$300,000	\$2.2 million	Cons., Public
Bush Hill Trust	13	2002	40_049A	Foreclosure			Conservation
Ross	29.5	2002	21_104	\$195,000	\$78,000	\$117,000	Watershed
Smolenski	16.9	2002	19D_005	\$29,900	\$12,140	\$17,760	Watershed
Dow Brook	34	2003	12_003A	\$350,000	\$150,895	\$199,105	Water., Public
Gaspar	22	2004	20C_003	\$33,000.00	\$33,000		Watershed

The following open space projects were initiated and completed between December 2000 and February 2004.

Strawberry Hill: 106 acres – Map 22D, Lot 48

Because this property was being actively marketed for sale and the Open Space Bond Program Manager had not yet been hired, the Trust for Public Land (TPL) was asked to assist with this project in December of 2000. After many months, TPL successfully negotiated an agreement to acquire the entire property for \$4 million (compared to the \$4.9 million asking price). To provide a greater assurance of public access to the property, the town offered (and TPL accepted) to pursue external grants so it could purchase the fee-interest in 91-acres of the property (the conservation area), and allow TPL to sell a restricted residential lot on 15-acres. As a result of the town's submission of a grant application, the United States Fish and Wildlife Service (USFWS) provided \$1 million towards DCR's acquisition of a conservation restriction and DCR, with the Executive Office of Environmental Affairs, agreed to provide an additional \$500,000. Because the EOE/DCR's contribution is contingent upon funding authorization from the state legislature (the Environmental Bond Bill), the town agreed to front their contribution subject to reimbursement. This additional town expenditure was authorized at the fall 2001 Special Town Meeting. The 91-acre conservation property was acquired in March 2002 for \$2 million. A Stewardship Committee was formed to make management recommendations for accommodating public access and protecting the wildlife habitat on this property.

Scott Farm Conservation Restriction: 83.5 acres – Map 53C, Lot 12

In the spring of 2001, the town was approached by Ipswich River Preservation, LLC (IRP), which had recently been formed in order to acquire and protect Scott Farm. IRP successfully purchased interests in the property from three of the four Scott siblings but were unable to reach agreement with the fourth sibling who indicated he would like to develop the property. The engineering analysis and subsequent appraisal for the property showed that it could support up to 39 house lots resulting in a fair market value of \$4 million. During spring and summer of 2001, the town negotiated the terms of a conservation restriction, the purchase of which would allow for the buyout of the fourth sibling and the protection of the most important resources on site. This conservation restriction eliminates any development from 45

acres including all of the front fields, all of the river frontage and adjacent forest. It allows the sale of the existing barn/cottage as a single-family house lot, and allows development of the backland of approximately 35 acres as either four ANR lots or one eight-lot cluster development. Under either development scenario, the Grantors are required to create a homeowners' association, which will ensure that the terms of the CR are upheld. The town paid \$1.45 million out of the Open Space Bond authorization in October 2001 for the purchase of this conservation restriction.

Willowdale: 40 acres – Map 50, Lot 2

This partnership project was completed in June 2001. Essex County Greenbelt Association was a key partner in the project that also included the Department of Conservation and Recreation and the Town of Topsfield. State Representative Brad Hill and State Senator Bruce Tarr were crucial supporters who ensured this project was successfully completed. This 40-acre inholding was slated for development before the project partners stepped in and negotiated the acquisition. The project partners contributed the following amounts to the acquisition:

Department of Conservation and Recreation	\$1,000,000
Essex County Greenbelt Association	\$ 600,000
Friends of Willowdale State Forest	\$ 100,000
Town of Ipswich	\$ 300,000
Town of Topsfield	\$ 100,000
<u>Massachusetts Legislature: Special Legislation</u>	<u>\$ 400,000</u>
TOTAL	\$2,500,000

Because the Town of Topsfield was unable to access their contribution in time for the closing, the Town of Ipswich agreed to front their portion of the funding, subject to a reimbursement the following spring. Topsfield's Special Town Meeting in May 2002 voted in favor of the reimbursement and payment was received in June 2002. Because the parcel is part of the Willowdale State Forest complex, the partners have agreed that DCR will manage the property. This project was the first expenditure out of the open space bond.

Bush Hill Trust: 13-acres – Map 40, Parcel 49A

The town foreclosed on this property in the fall of 2000 for non-payment of taxes. The parcel is included on the open space bond List of Priority Parcels. Because it had been targeted for acquisition for conservation purposes and was currently owned by the town per the conclusion of the tax title taking, the Open Space Committee and Department of Planning and Development recommended, and the Board of Selectmen agreed, that this parcel be transferred to the Conservation Commission. It appeared as Article 29 of the spring 2002 Town Meeting.

Ross: 29.5 acres – Map 21, Lot 104

In September 2001, the town received a Notice of Intent to Sell under Chapter 61A for the Ross property off Maria Drive. This parcel may provide a site for the relocation of the Brown's Well municipal water supply in addition to the wildlife habitat and potential public trail network that it provides. The Open Space Committee and the Department of Planning and Development recommended, and the Board of Selectmen agreed, that the town should act on its right of first refusal under Chapter 61A. This parcel was added to the List of Priority Parcels for which open space bond funds can be expended per vote of the fall 2001 Town Meeting, and the property was acquired in April 2002. The town, through its Department of Planning and Development, obtained a grant from the DCR to cover approximately 60 percent of the acquisition price.

Smolenski: 16.9 acres – Map 19D, Lot 5

In October 2000 the Smolenskis contacted the town and offered to sell their property for \$29,900. This landlocked parcel abuts Country Club property and municipally-owned Dow Brook watershed land. While this property was not originally included on the List of Priority Parcels for which bond funds could be expended, it does have value as wildlife habitat and as watershed for the Dow Brook Reservoir. Given the reasonable price of \$1,758 per acre and the public values that would be protected with an acquisition, the town agreed to move forward with the purchase. The spring 2001 Town Meeting approved the addition of this parcel to the priority parcels list and the property was acquired in January 2002. The town, through its Department of Planning and Development, obtained a grant from the Department of Environmental Protection to cover approximately 60 percent of the acquisition price.

Dow Brook Conservation Area: 34-acres – Map 12, Parcel 3A

Negotiations for the town's acquisition of this parcel began in the spring of 2002 and concluded with the town's purchase of the property in April, 2003. Assistance was received from a self-help grant from the EOE/DCS in the amount of \$200,000. This parcel has over 800 feet of frontage on Dow Brook, which drains directly into the Dow Brook Reservoir, a public drinking water supply only 650 feet from the property line. In addition to providing quality wildlife habitat within a regional greenway of over 3,000 acres, this parcel also provides a key link in the Bay Circuit Trail and numerous opportunities for passive recreation. The town is actively working to address parking, and trailhead design and construction in order to make this conservation area accessible to the public. After reimbursement from the self-help grant, the net cost of this property to the Open Space Bond was approximately \$150,000.

Gaspar: 22.1 acres – Map 20C, Parcel 3

The town purchased this undeveloped, landlocked parcel located off High Street in February 2004 for its assessed value of \$33,000. The entire amount was funded by the open space bond. The parcel is located less than 100 feet from the Dow Brook Reservoir, a main source of the town's drinking water. It is surrounded by town-owned land managed for the protection of the town's water supply and watershed. The property, historically used for small-scale agriculture, was the last privately held parcel within the complex of municipally-owned watershed lands surrounding Dow Brook and Bull Brook reservoirs. In addition to the town's drinking water, the Gaspar acquisition also protects important wildlife habitat.

APPENDIX F: COMPLIANCE WITH HANDICAPPED ACCESS REQUIREMENTS

APPENDIX F contains two sections: a detailed assessment of the administrative and equal opportunity employment practices of the town; and a site-by-site inventory of all recreation and conservation areas under the jurisdiction of the Conservation Commission and the Recreation department.

Descriptive information to aid in understanding the scope of the site is included under “Notes” in each inventory. If appropriate, a transition statement appears at the end of each form.

Following the inventory, there is information about other open space parcels, both town-owned and non-town-owned, offering an outdoor experience to persons with disabilities.

Assessment of Administrative and Equal Opportunity Employment Practices

- Part I: Administrative Requirements
 1. ***Designation of 504 Coordinator:*** The 504 Coordinator for the Town of Ipswich is Colleen Ferman, Health Agent. Please refer to the letter from Robert T. Markel, Town Manager, in this section.
 2. ***Grievance Procedures:*** Please refer to the Grievance Procedure in this section.
 3. ***Public Notification Requirements:*** Please refer to the pertinent section of the town’s Personnel Rules and Regulations. Also refer to the sample of an employment notice and letter by Colleen Ferman, the 504 Coordinator, in this section.
 4. ***Participation of Individuals with Disabilities or Organizations Representing the Disabled Community.*** Please refer to the letter by John C. Thomas in this section.

- Part II: Program Accessibility
 1. ***Transition Plan:*** Please refer to the end of each site survey for the Transition Plan and also to the Municipal Access Survey in this section
 2. ***Facility Inventory:*** Please refer to the site-by-site inventory of all properties under the jurisdiction of the Recreation Department in this section.

- Part III: Employment Practices. Please see the letter by Robert T. Markel, Town Manager, in this section.

Facility Inventory

LOCATION: Bialek Park (Linebrook Road)

ACTIVITY	EQUIPMENT	NOTES
Picnic Facilities	Tables & Benches (4 & 4)	Located adjacent to accessible paths: yes
		Access to Open Spaces: yes
		Back and Arm Rests: no, except back rests on benches
		Adequate number: yes
	Grills: none	Height of Cooking Surface
	Trash Cans (4)	Located adjacent to accessible paths
		Located adjacent to accessible paths: near play area, ball fields
Picnic Shelters	Located adjacent to accessible paths: yes	
	Located near accessible water fountains, trash can, restroom, parking, etc.: yes, but shelter itself not accessible	
Trails: N/A		Surface material
		Dimensions
		Rails
		Signage (for visually impaired)
Swimming Facilities: N/A	Pools	Entrance
		Location from accessible parking
		Safety features i.e. warning for visually impaired
	Beaches	Location from accessible path into water
		Handrails
		Location from accessible parking
Play Areas (tot lots)	All Play Equipment i.e. swings, slides	Same experience provided to all: no
	Access Routes	Located adjacent to accessible paths: yes
		Enough space between equipment for wheelchair: no
Game Areas: *ballfields (4) *basketball (1) *tennis (3) *soccer (1)	Access Routes	Located adjacent to accessible paths: 2 have accessible paths 3 ballfields & courts reached by level grassy areas
		Berm cuts onto courts: N/A
	Equipment	Height
		Dimensions
		Spectator Seating: available to wheelchairs
Boat Docks: N/A	Access Routes	Located adjacent to accessible paths
		Handrails
Fishing Facilities: N/A	Access Routes	Located adjacent to accessible paths
		Handrails
	Equipment	Arm Rests
		Bait Shelves
		Handrails
		Fish Cleaning Tables
Programming: No special programs, but persons w/disabilities welcome & encouraged	Are special programs at your facilities accessible?	Learn-to-Swim: N/A
		Guided Hikes: N/A
		Interpretive Programs: N/A
Services and Technical Assistance: N/A		Information available in alternative formats i.e. for visually impaired
		Process to request interpretive services (i.e. sign language interpreter) for meetings

LOCATION: Bialek Park

PARKING: in small off-street lot & along adjacent roadway; informal grassy parking area at rear			
<i>Total Spaces</i>	<i>Required Accessible Spaces: no HP spaces</i>		
Up to 25	1 space		
26-50	2 spaces		
51-75	3 spaces		
76-100: X	4 spaces		
101-150	5 spaces		
151-200	6 spaces		
201-300	7 spaces		
301-400	8 spaces		
401-500	9 spaces		
<i>Specification for Accessible Spaces</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Accessible space located closest to accessible entrance			None
Where spaces cannot be located within 200 ft of accessible entrance, drop-off area is provided within 100 ft.			N/A
Minimum width of 13 ft includes 8 ft space plus 5 ft access aisle			N/A
Van space - minimum of 1 van space for every accessible space, 8 ft wide plus 8 ft aisle. Alternative is to make all accessible spaces 11 ft wide with 5 ft aisle.		X	
Sign with international symbol of accessibility at each space or pair of spaces		X	
Sign minimum 5 ft, maximum 8 ft to top of sign		X	
Surface evenly paved or hard-packed (no cracks)	X		
Surface slope less than 1:20, 5%	X		
Curbcut to pathway from parking lot at each space or pair of spaces, if sidewalk (curb) is present			Fully open and flat; 48" entranceway
Curbcut is a minimum width of 3 ft, excluding sloped sides, has sloped sides, all slopes not to exceed 1:12, and textured or painted yellow			N/A
RAMPS (on play equipment)			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Slope Maximum 1:12	X		
Minimum width 4 ft between handrails		X	
Handrails on both sides if ramp is longer than 6 ft	X		
Handrails at 34" and 19" from ramp surface		X	
Handrails extend 12" beyond top and bottom		X	
Handgrip oval or round		X	
Handgrip smooth surface		X	
Handgrip diameter between 1¼" and 2"		X	
Clearance of 1½" between wall and wall rail			N/A
Non-slip surface		X	
Level platforms (4ft x 4 ft) at every 30 ft, at top, at bottom, at change of direction			N/A, not over 30'

LOCATION: Bialek Park

SITE ACCESS, PATH OF TRAVEL, ENTRANCES			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Site Access			
Accessible path of travel from passenger disembarking area and parking area to accessible entrance	X		
Disembarking area at accessible entrance	X		
Surface evenly paved or hard-packed	X		Except for 6' break
No ponding of water		X	
Path of Travel			
Path does not require the use of stairs	X		
Path is stable, firm and slip resistant	X		
3 ft wide minimum	X		
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50).	X		
Continuous common surface, no changes in level greater than $\frac{1}{2}$ inch		X	See above
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane		X	
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"		X	
Curb on the pathway must have curb cuts at drives, parking and drop-offs		X	
Entrances			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and <i>not</i> be the service entrance		X	
Level space extending 5 ft. from the door, interior and exterior of entrance doors			N/A
Minimum 32" clear width opening (i.e. 36" door with standard hinge)			"
At least 18" clear floor area on latch, pull side of door			"
Door handle no higher than 48" and operable with a closed fist			"
Vestibule is 4 ft plus the width of the door swinging into the space			"
Entrance(s) on a level that makes elevators accessible			"
Door mats less than $\frac{1}{2}$ " thick are securely fastened			"
Door mats more than $\frac{1}{2}$ " thick are recessed			"
Grates in path of travel have openings of $\frac{1}{2}$ " maximum			"
Signs at non-accessible entrance(s) indicate direction to accessible entrance			"
Emergency egress - alarms with flashing lights and audible signals, sufficiently lighted			"

NOTES: Multi-use facility near center of town with soccer, basketball, baseball fields and tennis courts. In addition, there is a large area of play equipment with sandy surface, in proximity to shade/picnic structure (inaccessible), bathrooms (accessible), and several picnic tables. (Cont. on page 4)

LOCATION: Bialek Park

STAIRS and DOORS: N/A

<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Stairs			
No open risers			
Nosings not projecting			
Treads no less than 11" wide			
Handrails on both sides			
Handrails 34"-38" above tread			
Handrail extends a minimum of 1 ft beyond top and bottom riser (if no safety hazard and space permits)			
Handgrip oval or round			
Handgrip has a smooth surface			
Handgrip diameter between 1¼" and 1½"			
1½" clearance between wall and handrail			
Doors			
Minimum 32" clear opening			
At least 18" clear floor space on pull side of door			
Closing speed minimum 3 seconds to within 3" of the latch			
Maximum pressure 5 pounds interior doors			
Threshold maximum ½" high, beveled on both sides			
Hardware operable with a closed fist (no conventional door knobs or thumb latch devices)			
Hardware minimum 36", maximum 48" above the floor			
Clear, level floor space extends out 5 ft from both sides of the door			
Door adjacent to revolving door is accessible and unlocked			
Doors opening into hazardous area have hardware that is knurled or roughened			

NOTES (Cont. from previous page): Between 1989 and 1999, the following facilities were added: lights at 3 tennis courts, 1 basketball court and 1 softball field; play structure; add-on to play structure for persons with disabilities in wheelchairs, bench swing, gazebo (not accessible). Playground equipment includes climbers, decks, tetter totter, bridge, slides, swings, wooden car, ramps, tire units, track ride, overhand ladders, steering wheels, tunnels, decks. There are safety signs for use of play elements and general park rules sign. Persons w/disabilities are welcome and encouraged to join in recreational programming.

LOCATION: Bialek Park

RESTROOMS - also see Doors and Vestibules; See "Notes" below			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
5 ft turning space measured 12" from the floor			
At least one Sink:			
Clear floor space of 30" by 48" to allow a forward approach			
Mounted without pedestal or legs, height 34" to top of rim			
Extends at least 22" from the wall			
Open knee space a minimum 19" deep, 30" width, and 27" high			
Cover exposed pipes with insulation			
Faucets operable with closed fist (lever or spring activated handle)			
At least one Stall:			
Accessible to person using wheelchair at 60" wide by 72" deep			
Stall door is 36" wide			
Stall door swings out			
Stall door is self closing			
Stall door has a pull latch			
Lock on stall door is operable with a closed fist, and 32" above the floor			
Coat hook is 54" high			
Toilet			
18" from center to nearest side wall			
42" minimum clear space from center to farthest wall or fixture			
Top of seat 17"-19" above the floor			
Grab Bars			
On back and side wall closest to toilet			
1½" diameter			
1½" clearance to wall			
Located 30" above and parallel to the floor			
Acid-etched or roughened surface			
42" long			
Fixtures			
Toilet paper dispenser is 24" above floor			
One mirror set a maximum 38" to bottom (if tilted, 42")			
Dispensers (towel, soap, etc) at least one of each a maximum 42" above the floor			

NOTES: New storage building with toilet facilities added in 1996. Building has accessible ramp to entrances and handicapped accessible sinks, toilets and stall areas. Facility was locked at time of inventory.

LOCATION: Bialek Park

FLOORS, DRINKING FOUNTAINS, TELEPHONES			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Floors: N/A			
Non-slip surface			
Carpeting is high-density, low pile, non-absorbent, stretched taut, securely anchored			
Corridor width minimum is 3 ft			
Objects (signs, ceiling lights, fixtures) can only protrude 4" into the path of travel from a height of 27" to 80" above the floor			
Drinking Fountains (2)			
Spouts no higher than 36" from floor to outlet		X	37"
Hand operated push button or level controls	X		
Spouts located near front with stream of water as parallel to front as possible	X		
If recessed, recess a minimum 30" width, and no deeper than depth of fountain		X	Recessed 20"
If no clear knee space underneath, clear floor space 30" x 48" to allow parallel approach	X		
Telephones			
Highest operating part a maximum 54" above the floor	X		
Access within 12" of phone, 30" high by 30" wide		X	
Adjustable volume control on headset so identified	X		
SIGNS, SIGNALS, AND SWITCHES			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Switches, Controls and Signs: N/A			
Switches and controls for light, heat, ventilation, windows, fire alarms, thermostats, etc, must be a minimum of 36" and a maximum of 48" above the floor for a forward reach, a maximum of 54" for a side reach			
Electrical outlets centered no lower than 18" above the floor			
Warning signals must be visual as well as audible			
Signs			
Mounting height must be 60" to centerline of the sign			
Within 18" of door jamb or recessed			
Letters and numbers a t least 1¼" high			
Letters and numbers raised .03"			
Letters and numbers contrast with the background color			

NOTES

LOCATION: Bialek Park

SWIMMING POOLS - accessibility can be via ramp, lifting device, or transfer area: N/A			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Ramp at least 34" wide with a non-slip surface extending into the shallow end, slope not exceeding 1:6 with handrails on both sides			
Lifting device			
Transfer area 18" above the path of travel and a minimum of 18" wide			
Unobstructed path of travel not less than 48" wide around pool			
Non-slip surface			

LOCATION

SHOWER ROOMS - Showers must accommodate both wheel-in and transfer use: N/A			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Stalls 36" by 60" minimum, with a 36" door opening			
Floors are pitched to drain the stall at the corner farthest from entrance			
Floors are non-slip surface			
Controls operate by a single lever with a pressure balance mixing valve			
Controls are located on the center wall adjacent to the hinged seat			
Shower heads attached to a flexible metal hose			
Shower heads attached to wall mounting adjustable from 42" to 72" above the floor			
Seat is hinged and padded and at least 16" deep, folds upward, securely attached to side wall, height is 18" to the top of the seat, and at least 24" long			
Soap trays without handhold features unless they can support 250 pounds			
2 grab bars are provided, one 30" and one 48" long, or one continuous L shaped bar			
Grab bars are placed horizontally at 36" above the floor line			

LOCATION

PICNICKING			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access		X	
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.		X	
Top of table no higher than 32" above ground			
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions		X	
Accessible tables, grills and fire rings must have clear ground space, at least 36" around perimeter		X	

TRANSITION PLAN: Since Bialek Park is the largest, most inclusive recreational site in town, efforts will be made to increase its ability to serve all persons with disabilities. Possibilities are to:

- Add or retrofit play equipment for greater wheelchair access
- Make shade structure wheelchair accessible
- Add handicapped accessible picnic tables
- Complete accessible pathway (a 6' gap is inaccessible to wheelchairs)
- Designate HP spaces.

Facility Inventory

LOCATION: Father Rye Playground (end of Kimball Street)

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

LOCATION: Father Rye Playground

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

LOCATION: Father Rye Playground

SITE ACCESS, PATH OF TRAVEL, ENTRANCES			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Site Access			
Accessible path of travel from passenger disembarking area and parking area to accessible entrance			none
Disembarking area at accessible entrance			
Surface evenly paved or hard-packed			
No ponding of water			
Path of Travel			
Path does not require the use of stairs	X		
Path is stable, firm and slip resistant		X	Regularly mowed grass
3 ft wide minimum	X		Width not formally defined
Slope maximum 1:20 (5%) and maximum cross pitch is 2% (1:50).	X		
Continuous common surface, no changes in level greater than $\frac{1}{2}$ inch		X	
Any objects protruding onto the pathway must be detected by a person with a visual disability using a cane		X	
Objects protruding more than 4" from the wall must be within 27" of the ground, or higher than 80"		X	
Curb on the pathway must have curb cuts at drives, parking and drop-offs			N/A
Entrances			
Primary public entrances accessible to person using wheelchair, must be signed, gotten to independently, and <i>not</i> be the service entrance		X	
Level space extending 5 ft. from the door, interior and exterior of entrance doors		X	
Minimum 32" clear width opening (i.e. 36" door with standard hinge)	X		68" opening in fence
At least 18" clear floor area on latch, pull side of door			No gate or door
Door handle no higher than 48" and operable with a closed fist			N/A
Vestibule is 4 ft plus the width of the door swinging into the space			"
Entrance(s) on a level that makes elevators accessible			"
Door mats less than $\frac{1}{2}$ " thick are securely fastened			"
Door mats more than $\frac{1}{2}$ " thick are recessed			"
Grates in path of travel have openings of $\frac{1}{2}$ " maximum			"
Signs at non-accessible entrance(s) indicate direction to accessible entrance			"
Emergency egress - alarms with flashing lights and audible signals, sufficiently lighted			"

NOTES: This is a site at the end of a limited access road and is used mainly by neighborhood families. It contains a toddler area with rubber surface surrounded by raised landscape timber. The surface of the older child play area is sand without confinement. The playground is located adjacent to the riverbank and train tracks and is restricted by protective fencing

LOCATION: Father Rye Playground

STAIRS and DOORS: N/A

<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Stairs			
No open risers			
Nosings not projecting			
Treads no less than 11" wide			
Handrails on both sides			
Handrails 34"-38" above tread			
Handrail extends a minimum of 1 ft beyond top and bottom riser (if no safety hazard and space permits)			
Handgrip oval or round			
Handgrip has a smooth surface			
Handgrip diameter between 1¼" and 1½"			
1½" clearance between wall and handrail			
Doors			
Minimum 32" clear opening			
At least 18" clear floor space on pull side of door			
Closing speed minimum 3 seconds to within 3" of the latch			
Maximum pressure 5 pounds interior doors			
Threshold maximum ½" high, beveled on both sides			
Hardware operable with a closed fist (no conventional door knobs or thumb latch devices)			
Hardware minimum 36", maximum 48" above the floor			
Clear, level floor space extends out 5 ft from both sides of the door			
Door adjacent to revolving door is accessible and unlocked			
Doors opening into hazardous area have hardware that is knurled or roughened			

NOTES: Located at Kimball Street this is a small tot lot at the end of a limited access road in a small neighborhood of modest homes, adjacent to a riverbank and train tracks restricted by protective fencing.

LOCATION: Father Rye Playground

RESTROOMS - also see Doors and Vestibules: N/A

<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
5 ft turning space measured 12" from the floor			
At least one Sink:			
Clear floor space of 30" by 48" to allow a forward approach			
Mounted without pedestal or legs, height 34" to top of rim			
Extends at least 22" from the wall			
Open knee space a minimum 19" deep, 30" width, and 27" high			
Cover exposed pipes with insulation			
Faucets operable with closed fist (lever or spring activated handle)			
At least one Stall:			
Accessible to person using wheelchair at 60" wide by 72" deep			
Stall door is 36" wide			
Stall door swings out			
Stall door is self closing			
Stall door has a pull latch			
Lock on stall door is operable with a closed fist, and 32" above the floor			
Coat hook is 54" high			
Toilet			
18" from center to nearest side wall			
42" minimum clear space from center to farthest wall or fixture			
Top of seat 17"-19" above the floor			
Grab Bars			
On back and side wall closest to toilet			
1½" diameter			
1½" clearance to wall			
Located 30" above and parallel to the floor			
Acid-etched or roughened surface			
42" long			
Fixtures			
Toilet paper dispenser is 24" above floor			
One mirror set a maximum 38" to bottom (if tilted, 42")			
Dispensers (towel, soap, etc) at least one of each a maximum 42" above the floor			

NOTES

LOCATION: Father Rye Playground

FLOORS, DRINKING FOUNTAINS, TELEPHONES: N/A

<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Floors			
Non-slip surface			
Carpeting is high-density, low pile, non-absorbent, stretched taut, securely anchored			
Corridor width minimum is 3 ft			
Objects (signs, ceiling lights, fixtures) can only protrude 4" into the path of travel from a height of 27" to 80" above the floor			
Drinking Fountains			
Spouts no higher than 36" from floor to outlet			
Hand operated push button or level controls			
Spouts located near front with stream of water as parallel to front as possible			
If recessed, recess a minimum 30" width, and no deeper than depth of fountain			
If no clear knee space underneath, clear floor space 30" x 48" to allow parallel approach			
Telephones			
Highest operating part a maximum 54" above the floor			
Access within 12" of phone, 30" high by 30" wide			
Adjustable volume control on headset so identified			
SIGNS, SIGNALS, AND SWITCHES: N/A			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Switches, Controls and Signs			
Switches and controls for light, heat, ventilation, windows, fire alarms, thermostats, etc, must be a minimum of 36" and a maximum of 48" above the floor for a forward reach, a maximum of 54" for a side reach			
Electrical outlets centered no lower than 18" above the floor			
Warning signals must be visual as well as audible			
Signs			
Mounting height must be 60" to centerline of the sign			
Within 18" of door jamb or recessed			
Letters and numbers a t least 1¼" high			
Letters and numbers raised .03"			
Letters and numbers contrast with the background color			

NOTES

LOCATION: Father Rye Playground

SWIMMING POOLS - accessibility can be via ramp, lifting device, or transfer area: N/A			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Ramp at least 34" wide with a non-slip surface extending into the shallow end, slope not exceeding 1:6 with handrails on both sides			
Lifting device			
Transfer area 18" above the path of travel and a minimum of 18" wide			
Unobstructed path of travel not less than 48" wide around pool			
Non-slip surface			

LOCATION

SHOWER ROOMS - Showers must accommodate both wheel-in and transfer use: N/A			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Stalls 36" by 60" minimum, with a 36" door opening			
Floors are pitched to drain the stall at the corner farthest from entrance			
Floors are non-slip surface			
Controls operate by a single lever with a pressure balance mixing valve			
Controls are located on the center wall adjacent to the hinged seat			
Shower heads attached to a flexible metal hose			
Shower heads attached to wall mounting adjustable from 42" to 72" above the floor			
Seat is hinged and padded and at least 16" deep, folds upward, securely attached to side wall, height is 18" to the top of the seat, and at least 24" long			
Soap trays without handhold features unless they can support 250 pounds			
2 grab bars are provided, one 30" and one 48" long, or one continuous L shaped bar			
Grab bars are placed horizontally at 36" above the floor line			

LOCATION

PICNICKING			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access		X	
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.		X	
Top of table no higher than 32" above ground		X	
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions		X	
Accessible tables, grills and fire rings must have clear ground space, at least 36" around perimeter		X	

TRANSITION PLAN: When the Father Rye Playground undergoes its next rehabilitation, possible improvements might include to:

- Replace the sand base under play elements with rubber matting
- Develop a wheelchair-accessible pathway from street parking to the play areas and tables
- Add accessible picnic tables
- Add wheelchair-accessible play components
- Increase space around play elements so they are wheelchair-accessible.

Facility Inventory

LOCATION: Giles Firman Playground (County Road, Rte. 1A)

ACTIVITY	EQUIPMENT	NOTES
Picnic Facilities	Tables & Benches: 2 & 2	Located adjacent to accessible paths: no
		Access to Open Spaces: yes
		Back and Arm Rests: no, except back rests on benches
		Adequate number: no
	Grills	Height of Cooking Surface
	Trash Cans	Located adjacent to accessible paths
		Located adjacent to accessible paths
Picnic Shelters	Located near accessible water fountains, trash can, restroom, parking, etc.	
Trails: N/A		Surface material
		Dimensions
		Rails
		Signage (for visually impaired)
Swimming: N/A Facilities	Pools	Entrance
		Location from accessible parking
		Safety features i.e. warning for visually impaired
	Beaches	Location from accessible path into water
		Handrails
		Location from accessible parking
	Shade provided	
Play Areas (tot lots)	All Play Equipment i.e. swings, slides	Same experience provided to all: no
	Access Routes	Located adjacent to accessible paths: no Enough space between equipment for wheelchair: no
Game Areas: N/A *ballfield *basketball *tennis	Access Routes	Located adjacent to accessible paths
		Berm cuts onto courts
	Equipment	Height
		Dimensions
	Spectator Seating	
Boat Docks: N/A	Access Routes	Located adjacent to accessible paths
		Handrails
Fishing Facilities: N/A	Access Routes	Located adjacent to accessible paths
		Handrails
	Equipment	Arm Rests
		Bait Shelves
		Handrails
	Fish Cleaning Tables	
Programming: N/A	Are special programs at your facilities accessible?	Learn-to-Swim
		Guided Hikes
		Interpretive Programs
Services and Technical Assistance: N/A	Information available in alternative formats i.e. for visually impaired	
	Process to request interpretive services (i.e. sign language interpreter) for meetings	

LOCATION: Giles Firman Playground

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

LOCATION: Giles Firman Playground

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

NOTES: Small tot play area and picnic area located across the street from subsidized housing for families, senior citizens and persons with disabilities. There are fences in front and back of park, and wooded side lot barriers. Park is grass-surfaced with sand-based enclosed play area. Equipment includes tot swings, climber, platforms, railings, diggers, play walls, slides, steps, decks, steering wheel. Only feature designed to improve access for persons in wheelchairs is mat ramp to sandy play area. Picnic tables and equipment are not accessible for wheelchairs.

LOCATION: Giles Firman Playground

STAIRS and DOORS: N/A

<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Stairs			
No open risers			
Nosings not projecting			
Treads no less than 11" wide			
Handrails on both sides			
Handrails 34"-38" above tread			
Handrail extends a minimum of 1 ft beyond top and bottom riser (if no safety hazard and space permits)			
Handgrip oval or round			
Handgrip has a smooth surface			
Handgrip diameter between 1 $\frac{1}{4}$ " and 1 $\frac{1}{2}$ "			
1 $\frac{1}{2}$ " clearance between wall and handrail			
Doors			
Minimum 32" clear opening			
At least 18" clear floor space on pull side of door			
Closing speed minimum 3 seconds to within 3" of the latch			
Maximum pressure 5 pounds interior doors			
Threshold maximum $\frac{1}{2}$ " high, beveled on both sides			
Hardware operable with a closed fist (no conventional door knobs or thumb latch devices)			
Hardware minimum 36", maximum 48" above the floor			
Clear, level floor space extends out 5 ft from both sides of the door			
Door adjacent to revolving door is accessible and unlocked			
Doors opening into hazardous area have hardware that is knurled or roughened			

NOTES

LOCATION: Giles Firman Playground

RESTROOMS - also see Doors and Vestibules: N/A

<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
5 ft turning space measured 12" from the floor			
At least one Sink:			
Clear floor space of 30" by 48" to allow a forward approach			
Mounted without pedestal or legs, height 34" to top of rim			
Extends at least 22" from the wall			
Open knee space a minimum 19" deep, 30" width, and 27" high			
Cover exposed pipes with insulation			
Faucets operable with closed fist (lever or spring activated handle)			
At least one Stall:			
Accessible to person using wheelchair at 60" wide by 72" deep			
Stall door is 36" wide			
Stall door swings out			
Stall door is self closing			
Stall door has a pull latch			
Lock on stall door is operable with a closed fist, and 32" above the floor			
Coat hook is 54" high			
Toilet			
18" from center to nearest side wall			
42" minimum clear space from center to farthest wall or fixture			
Top of seat 17"-19" above the floor			
Grab Bars			
On back and side wall closest to toilet			
1½" diameter			
1½" clearance to wall			
Located 30" above and parallel to the floor			
Acid-etched or roughened surface			
42" long			
Fixtures			
Toilet paper dispenser is 24" above floor			
One mirror set a maximum 38" to bottom (if tilted, 42")			
Dispensers (towel, soap, etc) at least one of each a maximum 42" above the floor			

NOTES

LOCATION: Giles Firman Playground

FLOORS, DRINKING FOUNTAINS, TELEPHONES: N/A

<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Floors			
Non-slip surface			
Carpeting is high-density, low pile, non-absorbent, stretched taut, securely anchored			
Corridor width minimum is 3 ft			
Objects (signs, ceiling lights, fixtures) can only protrude 4" into the path of travel from a height of 27" to 80" above the floor			
Drinking Fountains			
Spouts no higher than 36" from floor to outlet			
Hand operated push button or level controls			
Spouts located near front with stream of water as parallel to front as possible			
If recessed, recess a minimum 30" width, and no deeper than depth of fountain			
If no clear knee space underneath, clear floor space 30" x 48" to allow parallel approach			
Telephones			
Highest operating part a maximum 54" above the floor			
Access within 12" of phone, 30" high by 30" wide			
Adjustable volume control on headset so identified			
SIGNS, SIGNALS, AND SWITCHES			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Switches, Controls and Signs			
Switches and controls for light, heat, ventilation, windows, fire alarms, thermostats, etc, must be a minimum of 36" and a maximum of 48" above the floor for a forward reach, a maximum of 54" for a side reach			
Electrical outlets centered no lower than 18" above the floor			
Warning signals must be visual as well as audible			
Signs			
Mounting height must be 60" to centerline of the sign			
Within 18" of door jamb or recessed			
Letters and numbers a t least 1¼" high			
Letters and numbers raised .03"			
Letters and numbers contrast with the background color			

NOTES

LOCATION: Giles Firman Playground

SWIMMING POOLS - accessibility can be via ramp, lifting device, or transfer area: N/A			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Ramp at least 34" wide with a non-slip surface extending into the shallow end, slope not exceeding 1:6 with handrails on both sides			
Lifting device			
Transfer area 18" above the path of travel and a minimum of 18" wide			
Unobstructed path of travel not less than 48" wide around pool			
Non-slip surface			

LOCATION

SHOWER ROOMS - Showers must accommodate both wheel-in and transfer use: N/A			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Stalls 36" by 60" minimum, with a 36" door opening			
Floors are pitched to drain the stall at the corner farthest from entrance			
Floors are non-slip surface			
Controls operate by a single lever with a pressure balance mixing valve			
Controls are located on the center wall adjacent to the hinged seat			
Shower heads attached to a flexible metal hose			
Shower heads attached to wall mounting adjustable from 42" to 72" above the floor			
Seat is hinged and padded and at least 16" deep, folds upward, securely attached to side wall, height is 18" to the top of the seat, and at least 24" long			
Soap trays without handhold features unless they can support 250 pounds			
2 grab bars are provided, one 30" and one 48" long, or one continuous L shaped bar			
Grab bars are placed horizontally at 36" above the floor line			

LOCATION

PICNICKING: N/A			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access			
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.			
Top of table no higher than 32" above ground			
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions			
Accessible tables, grills and fire rings must have clear ground space, at least 36" around perimeter			

TRANSITION PLAN: When the Giles Firman Playground undergoes its next rehabilitation, accessible features to be considered are to:

- Develop a wheelchair-accessible pathway to the play area
- Replace sand base with rubber matting
- Add wheelchair-accessible picnic tables
- Add components accessible to persons with wheelchairs
- Increase size of play area because of the potential for greater use with its location across the street from a subsidized housing complex with multiple units for families, senior citizens, and persons with disabilities.

Facility Inventory

LOCATION: Howe Street Playground (Howe Street near corner of Linebrook Road)

ACTIVITY	EQUIPMENT	NOTES	
Picnic Facilities	Tables & Benches: 2 & 2	Located adjacent to accessible paths: no	
		Access to Open Spaces: no	
		Back and Arm Rests: no, except benches have back rests	
		Adequate number: yes	
	Grills	Height of Cooking Surface	
	Trash Cans: 2	Located adjacent to accessible paths	
Picnic Shelters	Picnic Shelters	Located adjacent to accessible paths	
		Located near accessible water fountains, trash can, restroom, parking, etc.	
Trails: N/A		Surface material	
		Dimensions	
		Rails	
		Signage (for visually impaired)	
Swimming Facilities: N/A	Pools	Entrance	
		Location from accessible parking	
		Safety features i.e. warning for visually impaired	
	Beaches	Beaches	Location from accessible path into water
			Handrails
			Location from accessible parking
Play Areas (tot lots)	All Play Equipment i.e. swings, slides	Same experience provided to all: no	
	Access Routes	Located adjacent to accessible paths: no Enough space between equipment for wheelchair: yes	
Game Areas: N/A *ballfield *basketball *tennis	Access Routes	Located adjacent to accessible paths	
		Berm cuts onto courts	
	Equipment	Height	
		Dimensions	
Boat Docks: N/A	Access Routes	Spectator Seating	
		Located adjacent to accessible paths	
Fishing Facilities: N/A	Access Routes	Located adjacent to accessible paths	
		Handrails	
	Equipment	Arm Rests	
		Bait Shelves	
		Handrails	
		Fish Cleaning Tables	
Programming: N/A	Are special programs at your facilities accessible?	Learn-to-Swim	
		Guided Hikes	
		Interpretive Programs	
Services and Technical Assistance: N/A		Information available in alternative formats i.e. for visually impaired	
		Process to request interpretive services (i.e. sign language interpreter) for meetings	

LOCATION: Howe Street Playground

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

LOCATION: Howe Street Playground

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

NOTES: Grassy, well-maintained and mowed knoll set back from street in subdivision of many homes with children. Compacted soil on path that can be used by autos to access play equipment, picnic tables and open space areas about 150' from Howe Street. Play elements include climbers, slides, play walls, decks, diggers, bouncers, and tot swings.

LOCATION: Howe Street Playground

STAIRS and DOORS: N/A			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Stairs			
No open risers			
Nosings not projecting			
Treads no less than 11" wide			
Handrails on both sides			
Handrails 34"-38" above tread			
Handrail extends a minimum of 1 ft beyond top and bottom riser (if no safety hazard and space permits)			
Handgrip oval or round			
Handgrip has a smooth surface			
Handgrip diameter between 1¼" and 1½"			
1½" clearance between wall and handrail			
Doors			
Minimum 32" clear opening			
At least 18" clear floor space on pull side of door			
Closing speed minimum 3 seconds to within 3" of the latch			
Maximum pressure 5 pounds interior doors			
Threshold maximum ½" high, beveled on both sides			
Hardware operable with a closed fist (no conventional door knobs or thumb latch devices)			
Hardware minimum 36", maximum 48" above the floor			
Clear, level floor space extends out 5 ft from both sides of the door			
Door adjacent to revolving door is accessible and unlocked			
Doors opening into hazardous area have hardware that is knurled or roughened			

NOTES

LOCATION: Howe Street Playground

RESTROOMS - also see Doors and Vestibules: N/A

<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
5 ft turning space measured 12" from the floor			
At least one Sink:			
Clear floor space of 30" by 48" to allow a forward approach			
Mounted without pedestal or legs, height 34" to top of rim			
Extends at least 22" from the wall			
Open knee space a minimum 19" deep, 30" width, and 27" high			
Cover exposed pipes with insulation			
Faucets operable with closed fist (lever or spring activated handle)			
At least one Stall:			
Accessible to person using wheelchair at 60" wide by 72" deep			
Stall door is 36" wide			
Stall door swings out			
Stall door is self closing			
Stall door has a pull latch			
Lock on stall door is operable with a closed fist, and 32" above the floor			
Coat hook is 54" high			
Toilet			
18" from center to nearest side wall			
42" minimum clear space from center to farthest wall or fixture			
Top of seat 17"-19" above the floor			
Grab Bars			
On back and side wall closest to toilet			
1½" diameter			
1½" clearance to wall			
Located 30" above and parallel to the floor			
Acid-etched or roughened surface			
42" long			
Fixtures			
Toilet paper dispenser is 24" above floor			
One mirror set a maximum 38" to bottom (if tilted, 42")			
Dispensers (towel, soap, etc) at least one of each a maximum 42" above the floor			

NOTES

LOCATION: Howe Street Playground

FLOORS, DRINKING FOUNTAINS, TELEPHONES: N/A

<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Floors			
Non-slip surface			
Carpeting is high-density, low pile, non-absorbent, stretched taut, securely anchored			
Corridor width minimum is 3 ft			
Objects (signs, ceiling lights, fixtures) can only protrude 4" into the path of travel from a height of 27" to 80" above the floor			
Drinking Fountains			
Spouts no higher than 36" from floor to outlet			
Hand operated push button or level controls			
Spouts located near front with stream of water as parallel to front as possible			
If recessed, recess a minimum 30" width, and no deeper than depth of fountain			
If no clear knee space underneath, clear floor space 30" x 48" to allow parallel approach			
Telephones			
Highest operating part a maximum 54" above the floor			
Access within 12" of phone, 30" high by 30" wide			
Adjustable volume control on headset so identified			
SIGNS, SIGNALS, AND SWITCHES			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Switches, Controls and Signs			
Switches and controls for light, heat, ventilation, windows, fire alarms, thermostats, etc, must be a minimum of 36" and a maximum of 48" above the floor for a forward reach, a maximum of 54" for a side reach			
Electrical outlets centered no lower than 18" above the floor			
Warning signals must be visual as well as audible			
Signs			
Mounting height must be 60" to centerline of the sign			
Within 18" of door jamb or recessed			
Letters and numbers a t least 1¼" high			
Letters and numbers raised .03"			
Letters and numbers contrast with the background color			

NOTES

LOCATION Howe Street Playground

SWIMMING POOLS - accessibility can be via ramp, lifting device, or transfer area: N/A			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Ramp at least 34" wide with a non-slip surface extending into the shallow end, slope not exceeding 1:6 with handrails on both sides			
Lifting device			
Transfer area 18" above the path of travel and a minimum of 18" wide			
Unobstructed path of travel not less than 48" wide around pool			
Non-slip surface			

LOCATION

SHOWER ROOMS - Showers must accommodate both wheel-in and transfer use: N/A			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Stalls 36" by 60" minimum, with a 36" door opening			
Floors are pitched to drain the stall at the corner farthest from entrance			
Floors are non-slip surface			
Controls operate by a single lever with a pressure balance mixing valve			
Controls are located on the center wall adjacent to the hinged seat			
Shower heads attached to a flexible metal hose			
Shower heads attached to wall mounting adjustable from 42" to 72" above the floor			
Seat is hinged and padded and at least 16" deep, folds upward, securely attached to side wall, height is 18" to the top of the seat, and at least 24" long			
Soap trays without handhold features unless they can support 250 pounds			
2 grab bars are provided, one 30" and one 48" long, or one continuous L shaped bar			
Grab bars are placed horizontally at 36" above the floor line			

LOCATION

PICNICKING: N/A			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access			
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.			
Top of table no higher than 32" above ground			
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions			
Accessible tables, grills and fire rings must have clear ground space, at least 36" around perimeter			

TRANSITION PLAN: When the Howe Street Playground undergoes its next rehabilitation, consideration should be given to the following features:

- Add component equipment for persons using wheelchairs
- Develop an accessible pathway to the play area and table/bench area
- Add accessible picnic tables
- Replace sand surface under play equipment so persons with wheelchairs can efficiently use the cushioned pad and transfer platform already in place

Facility Inventory

LOCATION: Great Neck Park/Pavilion Beach (end of Jeffrey's Neck Road at beach site)

ACTIVITY	EQUIPMENT	NOTES	
Picnic Facilities	Tables & Benches: 2 & 4 (2 at play area, 2 at beach)	Located adjacent to accessible paths: no	
		Access to Open Spaces: yes	
		Back and Arm Rests: no, except back rests on benches	
		Adequate number: yes	
	Grills	Height of Cooking Surface Located adjacent to accessible paths	
	Trash Cans: 2	Located adjacent to accessible paths: 1 at beach; 1 at play area	
Picnic Shelters	Picnic Shelters	Located adjacent to accessible paths	
		Located near accessible water fountains, trash can, restroom, parking, etc.	
Trails: none defined		Surface material	
		Dimensions	
		Rails	
		Signage (for visually impaired)	
Swimming Facilities	Pools: no	Entrance	
		Location from accessible parking	
		Safety features i.e. warning for visually impaired	
	Beaches: yes	Beaches: yes	Location from accessible path into water
			Handrails
			Location from accessible parking
Play Areas (tot lots)	All Play Equipment i.e. swings, slides	Shade provided	
		Same experience provided to all: no	
		Access Routes	
Game Areas: *ballfield *basketball (1/2) *tennis	Access Routes	Located adjacent to accessible paths: no	
		Berm cuts onto courts: no	
	Equipment	Equipment	Height
			Dimensions
			Spectator Seating: none
Boat Docks	Access Routes	Located adjacent to accessible paths: rocky terrain	
		Handrails: no	
Fishing Facilities	Access Routes	Located adjacent to accessible paths: rocky terrain	
		Handrails: no	
	Equipment	Equipment	Arm Rests: no
			Bait Shelves: no
			Handrails: no
			Fish Cleaning Tables: no
Programming: N/A	Are special programs at your facilities accessible?	Learn-to-Swim	
		Guided Hikes	
		Interpretive Programs	
Services and Technical Assistance: N/A		Information available in alternative formats i.e. for visually impaired	
		Process to request interpretive services (i.e. sign language interpreter) for meetings	

LOCATION: Great Neck Park/Pavilion Beach

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

LOCATION: Great Neck Park/Pavilion Beach

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

NOTES: Small public beach with gravel parking area, all generally undeveloped. There is a fenced play area and ballfield across the public way using same parking. Beach has rocky area where small marine vessels can be hand-launched. Barrier beach precludes improvements—in V zone on FIRM map. Accessible to most people with disabilities except those in wheelchairs. (Cont. on pg.4)

LOCATION: Great Neck Park/Pavilion Beach

STAIRS and DOORS: N/A			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Stairs			
No open risers			
Nosings not projecting			
Treads no less than 11" wide			
Handrails on both sides			
Handrails 34"-38" above tread			
Handrail extends a minimum of 1 ft beyond top and bottom riser (if no safety hazard and space permits)			
Handgrip oval or round			
Handgrip has a smooth surface			
Handgrip diameter between 1¼" and 1½"			
1½" clearance between wall and handrail			
Doors			
Minimum 32" clear opening			
At least 18" clear floor space on pull side of door			
Closing speed minimum 3 seconds to within 3" of the latch			
Maximum pressure 5 pounds interior doors			
Threshold maximum ½" high, beveled on both sides			
Hardware operable with a closed fist (no conventional door knobs or thumb latch devices)			
Hardware minimum 36", maximum 48" above the floor			
Clear, level floor space extends out 5 ft from both sides of the door			
Door adjacent to revolving door is accessible and unlocked			
Doors opening into hazardous area have hardware that is knurled or roughened			

NOTES (Cont. from previous page): Playground equipment includes swings, slides, overhand ladder, decks, track ride, bouncers, diggers. Equipment not accessible to those in wheelchairs, not adjacent to accessible paths, surrounded by lip of landscaping timber, and surface is sand-covered.

LOCATION: Great Neck Park/Pavilion Beach

RESTROOMS - also see Doors and Vestibules: N/A

<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
5 ft turning space measured 12" from the floor			
At least one Sink:			
Clear floor space of 30" by 48" to allow a forward approach			
Mounted without pedestal or legs, height 34" to top of rim			
Extends at least 22" from the wall			
Open knee space a minimum 19" deep, 30" width, and 27" high			
Cover exposed pipes with insulation			
Faucets operable with closed fist (lever or spring activated handle)			
At least one Stall:			
Accessible to person using wheelchair at 60" wide by 72" deep			
Stall door is 36" wide			
Stall door swings out			
Stall door is self closing			
Stall door has a pull latch			
Lock on stall door is operable with a closed fist, and 32" above the floor			
Coat hook is 54" high			
Toilet			
18" from center to nearest side wall			
42" minimum clear space from center to farthest wall or fixture			
Top of seat 17"-19" above the floor			
Grab Bars			
On back and side wall closest to toilet			
1½" diameter			
1½" clearance to wall			
Located 30" above and parallel to the floor			
Acid-etched or roughened surface			
42" long			
Fixtures			
Toilet paper dispenser is 24" above floor			
One mirror set a maximum 38" to bottom (if tilted, 42")			
Dispensers (towel, soap, etc) at least one of each a maximum 42" above the floor			

NOTES

LOCATION: Great Neck Park/Pavilion Beach

FLOORS, DRINKING FOUNTAINS, TELEPHONES: N/A			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Floors			
Non-slip surface			
Carpeting is high-density, low pile, non-absorbent, stretched taut, securely anchored			
Corridor width minimum is 3 ft			
Objects (signs, ceiling lights, fixtures) can only protrude 4" into the path of travel from a height of 27" to 80" above the floor			
Drinking Fountains			
Spouts no higher than 36" from floor to outlet			
Hand operated push button or level controls			
Spouts located near front with stream of water as parallel to front as possible			
If recessed, recess a minimum 30" width, and no deeper than depth of fountain			
If no clear knee space underneath, clear floor space 30" x 48" to allow parallel approach			
Telephones			
Highest operating part a maximum 54" above the floor			
Access within 12" of phone, 30" high by 30" wide			
Adjustable volume control on headset so identified			
SIGNS, SIGNALS, AND SWITCHES			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Switches, Controls and Signs			
Switches and controls for light, heat, ventilation, windows, fire alarms, thermostats, etc, must be a minimum of 36" and a maximum of 48" above the floor for a forward reach, a maximum of 54" for a side reach			
Electrical outlets centered no lower than 18" above the floor			
Warning signals must be visual as well as audible			
Signs			
Mounting height must be 60" to centerline of the sign			
Within 18" of door jamb or recessed			
Letters and numbers a t least 1¼" high			
Letters and numbers raised .03"			
Letters and numbers contrast with the background color			

NOTES

LOCATION: Great Neck Park/Pavilion Beach

SWIMMING POOLS - accessibility can be via ramp, lifting device, or transfer area: N/A			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Ramp at least 34" wide with a non-slip surface extending into the shallow end, slope not exceeding 1:6 with handrails on both sides			
Lifting device			
Transfer area 18" above the path of travel and a minimum of 18" wide			
Unobstructed path of travel not less than 48" wide around pool			
Non-slip surface			

LOCATION

SHOWER ROOMS - Showers must accommodate both wheel-in and transfer use: N/A			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
Stalls 36" by 60" minimum, with a 36" door opening			
Floors are pitched to drain the stall at the corner farthest from entrance			
Floors are non-slip surface			
Controls operate by a single lever with a pressure balance mixing valve			
Controls are located on the center wall adjacent to the hinged seat			
Shower heads attached to a flexible metal hose			
Shower heads attached to wall mounting adjustable from 42" to 72" above the floor			
Seat is hinged and padded and at least 16" deep, folds upward, securely attached to side wall, height is 18" to the top of the seat, and at least 24" long			
Soap trays without handhold features unless they can support 250 pounds			
2 grab bars are provided, one 30" and one 48" long, or one continuous L shaped bar			
Grab bars are placed horizontally at 36" above the floor line			

LOCATION

PICNICKING: N/A			
<i>Specification</i>	<i>Yes</i>	<i>No</i>	<i>Comments/Transition Notes</i>
A minimum of 5% of the total tables must be accessible with clear space under the table top not less than 30" wide and 19" deep per seating space and not less than 27" clear from the ground to the underside of the table. An additional 29" clear space (totaling 48") must extend beyond the 19" clear space under the table to provide access			
For tables without toe clearance, the knee space under the table must be at least 28" high, 30" wide and 24" deep.			
Top of table no higher than 32" above ground			
Surface of the clear ground space under and around the table must be stable, firm and slip-resistant, and evenly graded with a maximum slope of 2% in all directions			
Accessible tables, grills and fire rings must have clear ground space, at least 36" around perimeter			

TRANSITION PLAN: When Great Neck Park undergoes its next rehabilitation, accessible features such as component equipment for persons using wheelchairs; accessible pathways; and rubber matting under play equipment should be added.

Conservation/Recreation Areas

The Town of Ipswich is fortunate to have a variety of open parcels available for passive recreation. Most of these parcels are owned by TTOR, ECGA or the Commonwealth. The town has several parcels that are open to the public with parking and walking paths. These town-owned sites are listed in the table below. None of these sites is available to people who require wheelchairs.

Town-Owned Conservation/Recreation Sites

Site	<u>Parking</u>	Paths	Other Facilities
Strawberry Hill	6 spaces, no striping, no HP designation	On mown grass, not accessible for wheelchairs	Informational kiosk with map, information
Town Parking at Crane Beach	Large open lot with no spaces striped, no HP designation	Boardwalk with stairs	Educational kiosk
Dow Brook Conservation Area	Not yet constructed. Handicapped parking planned	500-foot handicapped accessible walkway and bridge over a vernal pool planned	None
Utilities-Reservoir Area	Paved parking, no HP designation	Path to dam is accessible, pathways along the reservoir and adjoining the Bay Circuit Trail are not	None
Nichols Field	Two spaces, no striping, dirt lot, no HP designation	Mown grass, hilly, access to area between 2 rocks about 4 feet apart	Informational signs
Riverwalk	Three parking spaces in dirt lot at one end. Paved Town Hall parking at the other end	About 1,500 feet of pathway with a hilly and uneven surface not navigable by a wheelchair	None
County Street Pocket Parks			
1. Saw Mill Point	No parking on street; parking in old Town Hall lot; wheelchair access to sidewalk possible	Two entrances, ea. 4 ft. wide; grass surface, slight slope (below 5% grade), protective fence at river's edge	One bench
2. Unnamed	Same as above	Not accessible, sloped to river with no protective fence	None
Miles Lane Ball Fields	Level parking lot; no HP spaces	No pathways, grass fields	Baseball field has bleachers 20' from parking lot. Openings to fields 44" & 72" or more. Portapotty not accessible

Other Non-Town-Owned Conservation/Recreation Sites

Several important outdoor resources in the immediate area are available to people in wheelchairs. While these are not town-owned sites, they provide important access to people with disabilities who seek an outdoor experience.

Other Conservation/Recreation Sites Available to Residents with Physical Handicaps

Site	Parking	Paths	Other Facilities
Bradley Palmer State Park – just outside of the Ipswich town line	Many parking spaces, no striping, none marked accessible. Parking lot can be navigated by a wheelchair	1. One accessible pathway running along the Ipswich River – stone dust surface 2. Closed paved road running about 1 mile through the park that can be accessed from the parking area and used by wheelchairs	Informational kiosk with map and information
Crane Beach – TTOR portion	Large open lot with no spaces striped – an area for about 8 cars is posted with HP signs. A sign in front of these spaces indicates availability of transport to the beach with a request at the office adjacent to parking.	Gently sloped access to beach with some hard surface beneath sand used by transport vehicle	Two sand wheelchairs that can be used by beach goers are available. Can navigate in up to 6 inches of water.

The ability to go to the beach or enjoy a state forest is an integral part of summer, so these key resources make available an important outdoor experience to persons in wheelchairs. No other public or private outdoor resource in Ipswich is available to residents in wheelchairs.

APPENDIX G: FORM USED BY OPEN SPACE COMMITTEE TO RANK KEY PARCELS CONSIDERED FOR PROTECTION

-IPSWICH OPEN SPACE EVALUATION PACKAGE CHECKLIST (7/16/4)

Evaluator Information

Parcel Evaluation

A. Identifiers

B. Threshold Criteria

C. Scorecard

D. Brief

Visuals:

locus map:

locate the parcel within Ipswich and in relation to neighboring towns

parcel map:

note special characteristics and any area recommended for preservation

photographs: relevant elements keyed to the scoring criteria

Summary Notes: evidence of the parcel's 1) environmental, 2) scenic, 3) cultural, and 4) recreational value.

Recommendation: recommended action to be taken

Brief Glossary

- *Zone II* – surface area in which water filters to subsurface aquifers that provide drinking water for wells
- *ACEC* – Area of Critical Environmental Concern – Ipswich estuary and salt marsh area with an elevation of 10 ft. or below formally designated for protection by EOE.
- *NHESP* – Natural Heritage and Endangered Species Program of the Massachusetts Division of Fisheries and Wildlife
- *Chapter 61, 61A, 61B programs* – voluntary programs for landowners whose land is used for agriculture, forestry or recreational open space in which the land is assessed at a lower rate; on removal from these programs, the municipality receives first right of refusal if the land is for sale or must be compensated for the abated taxes during the previous 5 years
- *Ipswich Green Ring* – open space corridor concept in the Ipswich Green Ring Report (June 2000)
- *FEMA* – Federal Emergency Management Agency; prints flood insurance maps that show floodplain areas
- *Land use code* – a state Department of Revenue code used by assessors to categorize land use for each assessed parcel

INFORMATION SOURCES

Assessor's Office, Town Hall

- List of parcels with identifiers and assessed value
- Land use code information
- Tax status – voluntary use-value assessment (Chapter 61, 61A, 61B)
- Parcel maps

Planning and Conservation Offices, Town Hall

- "Ipswich Open Space and Recreation Plan" and associated maps (2000)
- "Ipswich Green Ring Report" and associated maps (June 2000)
- "Grow Smart North Shore" (Harvard GSD and MAPC: 1999)
- "Mass Bay Commons" (Harvard GSD and MAPC: 1998)
- Wetlands and hydrology maps and aerial photos
- EOEA Buildout Project Maps (2000)
- MassGIS maps for Ipswich
- Floodplain maps (FEMA Flood Insurance Rate Maps)
- Zoning map

▪ *Water Department*

- Water resources maps and aerial photos

Historical Commission and Historical Society

- State Register of Historic Places
- Consultation on historic value of particular parcels

Other sources of information and advice:

- Essex County Greenbelt Association (www.ecga.org)
- The Trustees of Reservations (www.thetrustees.org)
- Massachusetts Coastal Zone Management (www.magnet.state.ma.us/czm) – Great Marsh Program
- MassGIS (www.state.ma.us/mgis)
- Massachusetts Audubon Society (www.massaudubon.org)
- Massachusetts Natural Heritage Atlas (www.heritage.tnc.org/nhp/us/ma)
- Massachusetts Watershed Initiative (www.magnet.state.ma.us/envir/watershed.htm)
- Massachusetts Historical Commission (www.state.ma.us/sec/mhc)

IPSWICH OPEN SPACE EVALUATION

1. EVALUATOR INFORMATION

Name/phone/email: _____

Date(s) of map/document research:_____ Date(s) of site visit:_____

Site visit methods (check all that apply):

- View from road , water, abutting parcel, hilltop, other _____
- Parcel interior visit: none, limited , extensive (over half the parcel or major landscape areas)

2. PARCEL EVALUATION

A. Identifiers

Map/Lot:_____ Land Use Code: _____ Current Zoning (inc. overlays):_____

Address: _____ Acres: _____

Assessed Value (\$):_____ Tax status (e.g., Chapt. 61A): _____

Owner: _____

Owner address: _____

Any structures on the property and what kind? _____

Any known owner interest in sale or preservation? _____

B. Threshold Criteria

NOTE: If the parcel does NOT meet any of these criteria Do NOT proceed to the next page.

1. *Contribution to preserving the quality or quantity of the water supply:* Is the parcel in, or drain to, a Zone II of a public well, or drain to a public surface water supply? **Y N**
2. *Contribution to protection of wetlands:* Does the parcel abut or drain directly into the ACEC or to inland wetlands, rivers, streams, or floodplains? **Y N**
3. *Contribution to wildlife habitat or corridors:* Does the parcel abut existing permanently protected land, contain NHESP-designated priority or estimated habitat or vernal pools, or provide a connecting link between permanently protected areas? **Y N**
4. *Contribution to scenic character:* Does the parcel front on a designated scenic road or byway, provide hilltop or water views, or long vistas? **Y N**
5. *Contribution to cultural character:* Does the parcel contain archaeological or historic sites known to the Ipswich Historic Commission or Society or the Massachusetts Historic Commission; or does it include resource-based land uses such as agriculture, pasturage, and forestry? **Y N**
6. *Contribution to recreational resources:* Does the parcel contain existing or potential recreational resources such as trails, neighborhood playground, athletic fields, hunting or fishing areas, or water access)? **Y N**
7. *Contain key natural features:* Does the parcel contain unique or exemplary natural features? **Y N**

C. Parcel Scorecard

Criteria: Answer “yes” or “no” to each question. If “yes”, then rate “High”, “Medium”, or “Low” to most questions. This ranking of importance is based on how close to key resources, how much resource, how big, and/or how unique.	Document Review	Site Visit	Evaluation
I. Contribution to preserving the quality or quantity of the water supply.			
1. Is the parcel in a Zone A of a public surface water supply?		XXXXXXXX XX	
2. Is the parcel in the Zone II protection area of a public well, OR in a Zone B of a public surface water supply?		XXXXXXXX XX	
DETAILS AND DESCRIPTIONS:			Summary Evaluation:
II. Contribution to protection of wetlands			
3. Is the parcel within the ACEC in whole or in part or does it directly abut the ACEC?		XXXXXXXX X	
4. Does the parcel contain, abut, or lie within 200’ of a pond or a perennial stream?			
5. Does the parcel contain or abut any Bordering Vegetated Wetlands or certified Vernal Pool?			
6. Does the parcel contain or abut an intermittent stream or isolated wetland?			
7. Does the parcel abut or contain other wetland resource areas (coastal bank, rocky intertidal shore, bank, beach, or dune) protected under the Ipswich Wetlands Bylaw?			
8. Does the parcel contain land in a flood plan (Zones A-C on the FEMA map)?		XXXXXXXX X	
DETAILS AND DESCRIPTIONS:			Summary Evaluation

III. Contribution to wildlife habitat or corridors			
9. Is the parcel adjacent to or within areas permanently protected from development (in neighboring towns as well as Ipswich)?		XXXXXXXX XX	
10. Does the parcel contain estimated or priority rare species habitat areas as shown in the NHESP atlas?		XXXXXXXX XX	
11. Does the parcel include upland meadows or grasslands?			
12. Does the parcel include groves of mature trees or fallen logs greater than 12" diameter?			
13. Does the parcel provide a connecting link between protected resource areas or a stepping stone link for wildlife through more built-up areas?			
34. Are there signs of significant wildlife habitation?			
DETAILS AND DESCRIPTIONS:			Summary Evaluation
IV. Contribution to scenic character			
14. Is the parcel along a designated scenic road or byway?		XXXXXXXX X	
15. Are there long vistas from or into the parcel?			
16. Are there water views from or into the parcel?			
17. Are there hilltop views from or into the parcel?			

18. Does the parcel include unique cultural features such as stone walls, estate plantings, historic structures that contribute to scenic quality?			
19. Does the parcel contribute to the scenic integrity of the surrounding landscape?			
DETAILS AND DESCRIPTIONS:			Summary Evaluation
V. Contribution to cultural and rural character			
20. Are there archaeological or historic sites or landscapes know to the Ipswich Historical Commission or Society, or the Massachusetts Historical Commission on the parcel?			
21. Are there active or recent agricultural or orchard land uses on the parcel?			
22. Are there active or recent pasturage activities on the parcel?			
39. Is the parcel a "Great Estate"? (0 or 1)		XXXXXXXX X	
26. Is the parcel in the Chap. 61, 61A, or 61B program?		XXXXXXXX XX	
DETAILS AND DESCRIPTIONS:			Summary Evaluation
VI, Contribution to recreational resources			
23. Are there existing trails for hiking, horseback riding, or skiing on the parcel or potential important			

connections (based on connections or destinations)?			
24. Does the parcel have potential to be used for active recreation, such as athletic fields, a neighborhood playground, swimming or boating (flat fields, water access, etc.)			
25. Is the parcel an existing hunting or fishing area? (adequate distance from developed area)			
DETAILS AND DESCRIPTIONS:			Summary Evaluation
VII. Development potential, connectivity and regional status			
27. Is the parcel at least 25% developable and has road access?			
28. Would protection of the parcel contribute to the Ipswich Green Ring concept?		XXXXXXXX XX	
29. Would protection of the parcel contribute to regional open space networks?			
36. Does the parcel share its perimeter with areas that are permanently protected from development (across a road counts)? (H, M, L or estimate percent of perimeter to nearest 10%)		XXXXXXXX X	
37. Is the parcel adjacent to large areas of contiguous protected land?		XXXXXXXX X	
38. Is this a large parcel? (>80Acres=1, 56-80=.8, 40-56=.6, 30-40=.4, 20-30=.2, <20=0)		XXXXXXXX X	
41. Would development of this parcel negatively impact neighboring parcels or the town? (including infrastructure, aesthetics, scenic character of the town, loss of history or traditional use, degradation			

or loss of critical values or resources as identified in the open space plan and visioning statement)			
DETAILS AND DESCRIPTIONS:			Summary Evaluation
VIII. Natural Resource Features			
30. Is the parcel important because of its distinctive or unique geological features? (glacial erratics, ledge, eskers, etc.)			
31. Is the parcel important because of its distinctive or unique vegetative features? (unique tree, uncommon shrubs, etc.)			
32. Is the parcel important because of its distinctive or unique hydrologic features? (unique wetland based on location, visibility, character)			
33. Does the parcel have high quality agricultural soils?		XXXXXXXX X	
35. Is the parcel characterized by steep slopes or significant changes in elevation?			
40. Are the parcel's ecological features regionally significant? (e.g. Gravelly Brook watershed)			
DETAILS AND DESCRIPTIONS:			Summary Evaluation
SUMMARY NOTES:			Final Evaluation

5. Recommendation

This section should be completed after the data has been gathered by the field team, by a team reviewing all parcels.

The Recommendation is an argument drawing on the evaluation of the parcel presented thus far, but can also include other information that might be relevant to a final decision. At a minimum, please answer the following questions:

a. Rank (1-high; 8-low) the major categories used in the evaluation checklist?

- Contribution to Water Quality or Water Supply
- Contribution to Protection of Wetlands
- Contribution to Wildlife Habitats or Corridor
- Contribution to Scenic Character
- Contribution to Rural / Cultural Character
- Contribution to Recreational Resources
- Contribution to Regional Status, Connectivity and Development Potential
- Contribution to Natural Resource Features

b. What Degree of Risk and Ease of Development is associated with this parcel?

- Taking NO action WILL adversely impact the character of the general area
- Taking NO action MAY adversely impact the character of the general area
- Taking NO action WILL NOT adversely impact the character of the general area
- Development WILL / MAY be constrained by Physical issues
- Development WILL / MAY be constrained by Regulatory issues
- Development WILL / MAY be constrained by Infrastructure issues

c. How much of this parcel should be protected for open space?

- All of the parcel
- Some part of the parcel
- Which part:
Indicate this area in a general sense on the parcel map.
- Unlikely to need intervention

What is the major factor influencing this recommendation?

d. If this parcel should be protected, what kind of protective action do you recommend?

- Fee simple acquisition
- Conservation easement/restriction on the entire site
- Conservation easement on a portion of the site
- Purchase of development rights on all or part of the site
- Acquisition of the site with development of some portion (limited development)

Other:

e. *What is the major factor influencing this recommendation?*

f. *If protection is recommended, what kind of action should the Town take?*

Purchase of entire parcel by the Town

Purchase of some of the parcel by the Town

Purchase and partial development

Work with landowner to promote donation of a conservation easement or to acquire a conservation easement or development rights

Pursue protective action by nonprofits

g. *What is the major factor influencing this recommendation?*

h. In addition to the reasons that emerge from the parcel evaluation system, you may wish to include other reasons for taking action such as --

- Contribution to growth management objectives
- Infrastructure capacity
- Consistency with planning documents
- Cost of community services
- Impact on abutting parcels

