

**WALKIN THE WATERSHED - STREAM TEAM 2007**  
*Shoreline Survey Findings*

**Stream Segment:** MB-0

**Stream:** Middle Branch

**Surveyed Segment begins:** Confluence w/ Trout Brook

**Surveyed Segment ends:** Rte 143

**Survey Participant(s):** Lyn Lemieux

<b>PROBLEMS:</b>	<b>ASSETS:</b>	<b>PROIRITIES FOR ACTION:</b>
1) Old trash + tires near the river but not at the river bank	1) Trout habitat -- stream stocked at Rte 143 bridge and usually promptly fished out; 2) Beaver habitat and dammed area good habitat for wildlife and waterfowl	

**OVERALL SEGMENT DESCRIPTION:**

This section compromises wilderness areas of mixed hardwood, softwood forest with some low lying swampy areas formerly dammed by beavers. It was not possible to document whether the beavers are still present in 2007. The river follows Parrish Road for part of this section and is bordered by six year round homes and three seasonal. Most of the land along the river is private property, although not posted at this time. The water is very clear throughout most of this section (exception in the beaver dam area) although the water is quite shallow for this time of year (late May). Three bridges provide access to the river. The Green Bridge at the start of the section is closed to traffic. The Stone Bridge is very scenic although close to private property. The Highway Bridge on Route 143 was rebuilt in 1995.

**SCENIC FEATURES:**

View southeast from closed green bridge on Parrish Road.

View north and south from the stone bridge on Parrish Road. The view to the north includes river bottomland dammed by beavers several years ago.

**CULTURAL FEATURES:**

Home dates back to ~1800 and one to 1842.

West Worthington Methodist Church was formerly located on the east side of the river at Route 143.

**RECREATIONAL FEATURES:**

Potential fishing access at bridges.

**BIOLOGICAL FEATURES:**

Brook trout, mallards, Monarch Butterflies, moose, deer, and coyote. Mostly mixed hardwood along west side softwoods along east. Beaver dam area lower growth, bushy. Posion ivy.

# WALKIN THE WATERSHED - *STREAM TEAM 2007*

## *Shoreline Survey Findings*

**Stream Segment:** MB-1

**Stream:** Middle Branch

**Surveyed Segment begins:** River Rd (West Worthington Falls)

**Surveyed Segment ends:** River Rd

**Survey Participant(s):** Barbara Richert & Steven Lipsitz

PROBLEMS:	ASSETS:	PROIRITIES FOR ACTION:
<p>1) We saw no signs of pollution or trash, degraded wetlands or invasive species. The only potential problem we found was the damming of a stream leading into the River, but it doesn't seem to have any material effect on the flow of the River.</p>	<p>1) This is an unspoiled segment of the Middle Branch of the Westfield River and should be maintained as such.</p>	

**OVERALL SEGMENT DESCRIPTION:**  
 The Middle Branch of the Westfield River in Segments 01, 1A and 1B is a free-flowing stream. It is, for the most part, shallow and one can walk in the stream bed at this time of year. The stream bed is very rocky and is generally shaded by trees on both sides. Segment 01 is relatively level, following a slight descent from Route 143 and parallel to River Road. The River is visible from River Road for most of this segment.

At the beginning of Segment 1A just below the bridge on River Road, there is a significant drop-off and a waterfall (as well as a man-made pool). From the waterfall the River descends more rapidly down to a pool (approximately 1/4 mile below the bridge). For most of this segment, the River is not visible from River Road being well below the road level.

The River runs freely through the woods leading down to the second Bridge; there are a number of small pools along this section and interesting rock formations. Other than the man-made pool referred to above, there are no obstructions along these segments of the River.

Water quality appears to be quite good as the river flows freely with almost no human activity along its length.

**SCENIC FEATURES:**

Free-flowing section of river with interesting rock formations, a waterfall and several pools. The river runs through forest for the entire length of these segments.

**CULTURAL FEATURES:**

There are two parallel stone walls located just below Rte 143, which may have been the foundation of a structure, and there is another stone wall located just north of the second bridge.

**GEOLOGICAL FEATURES:**

Full of boulders, interesting rock formations, and a waterfall.

**RECREATIONAL FEATURES:**

The river is probably not navigable for canoes and kayaks along these segments (except perhaps during the highest Spring floods, and even those would be very hazardous). There is no public access to these segments of the river, most abutting private properties. Some fishing above and below the second bridge.



# WALKIN THE WATERSHED - *STREAM TEAM 2007*

## *Shoreline Survey Findings*

**Stream Segment:** MB-2

**Stream:** Middle Branch

**Surveyed Segment begins:** River Rd

**Surveyed Segment ends:** Sam Hill Rd

**Survey Participant(s):** Jim Dodge

PROBLEMS:	ASSETS:	PROIRITIES FOR ACTION:
<p>1) Roadside mowing by Town of Middlefield, rough cuts on tree near banks</p>	<p>1) Great habitat for wildlife; 2) Landowners conservation aware, public access not welcomed</p>	<p>1) Consider mtg with WEMCO to discuss training Towns that use special mowing equipment they donated to them; 2) Volunteers cleanup ragged cuts of tree limbs in this section</p>

**OVERALL SEGMENT DESCRIPTION:**  
 My Stream Team tour began at the 2nd bridge on River Road located 1.5 miles south from Rt. 143 in Worthington. I proceeded south, walking to the snowmobile bridge where Sam Hill Road (closed) connects with East River Road in Middlefield. Massachusetts Fish & Wildlife stocks hatchery fish several times a season under these bridges.

The river bed is lined completely with round boulders. There is very little sediment or soil in the stream bed as high water in the spring flushes through this section at high velocity. There are steep hillsides in this valley so when the snow melts, there can be considerable amounts of runoff in the river in the spring. I have often heard boulders crashing and knocking together in the riverbed when the river is running high.

The river is lined with deciduous and coniferous trees on both banks. These trees serve to stabilize the banks from erosion and their canopies shades the surface of the water thereby keeping the ambient water temperature cooler than if this section of river was in the open sun. This cooler temperature of the water is important for productive fisheries habitat.

Fuller Brook flows out of Peru State Forest into the Middle Branch of the Westfield River just upstream of the third bridge on River Road. Just above this area Shaler Brook connects to the Middle Branch. Shaler brook runs from Peru State Forest as well and has an active beaver colony upstream.

### **OVERALL SEGMENT DESCRIPTION (CONT):**

The Westfield River runs adjacent to River Road from this 3rd bridge all the way to Sam Hill Road. There is less than 100 feet from the edge of the blacktop to the bank. This section measures about one mile and crosses to the Town of Middlefield about half way to Sam Hill Road. The second farm used to be owned by a Mr. Tinker and so this section is often called Tinker Flats.

In the first Open Space Plan for Worthington, filed over 15 years ago, these fields and pasture were identified as a large underground water aquifer recharge area. This aquifer is one of four such resources for future water management planning for Worthington.

The river bed is lined with boulders until it nears the Worthington - Middlefield line where bedrock is visible. The stone structure is the abutment of a bridge that once connected to pasture across the river from the Tinker farm. During high water, trees that have fallen across the river upstream can become dislodged and wash down river with tremendous force. If a bridge is not high enough above the high water line, a tree like this one can take out a small bridge, as will the break up of the ice in spring.

This section of the river is ideal fishery habitat. The water quality is the highest rating in the state as it flows in to Littleville Lake which is a reservoir for the City of Springfield. Proof of the health of this habitat is shown by the wildlife that can be observed. American Mergansers, Great Blue Herons and Kingfishers can be seen feeding on small fish like dace. There is at least one large snapping turtle that has roamed this section of the river for many years!

The snowmobile bridge at Sam Hill Road has little space between the high water level and the supporting stringers running between the bridge abutments. This is a situation where large trees or ice can take out a small bridge like this one. In fact, this bridge was rebuilt by the local snowmobile club a few years ago. I have seen the high water cross over East River Road in this section a few times. Note that adjacent land is owned by Mass. Fisheries & Wildlife.

In the greater scheme of things, looking at a map of Worthington, Middlefield and neighboring towns, you will see that this part of the Westfield River connects extensive tracts of state forest and conservation lands. It lies between Peru State Forest and Fox Den Wildlife Refuge. There has been a concerted effort by the Commonwealth to purchase additional conservation lands in this area for the past ten years.

The established wildlife that moves between the ridges and have been observed repeatedly crossing through this area include moose, whitetail deer, black bear, eastern coyote, red fox, bobcat, and fisher. Mink, muskrat and otter traverse up the river and its banks and two active beaver colonies inhabit small ponds that they have created in smaller tributaries. This is a natural corridor that has more wildlife traversing through it than in the nearby populated villages or clusters of housing. Unfortunately, the private open lands along this section of River Road are not protected as they could be from future development.

## **OVERALL SEGMENT DESCRIPTION (CONT):**

There was extensive damage to many of the trees that stand between River Road and The Middle Branch. This damage was observed in Middlefield and can be easily remedied with appropriate arboriculture and should be addressed. Any tree surgeon would advise that cuts on removed tree limbs be clean and closer to the trunk. Branches larger than 2" in diameter should have cuts sealed with a tree paint or wound sealer. This practice prevents disease from entering the tree.

Several years ago Western Massachusetts Electric Company purchased a tractor with a hydraulic boom with an attached rotary box mower. They donated this expensive piece of roadside maintenance equipment that is shared between several towns to maintain the sides of the roads. The boom arm allows for mowing grass, brush and samplings, even over guard rails and down steep banks, as the tractor slowly drives along the side of the road. I have not read the operators manual, but suspect that this mower design was not intended to reach up high overhead to trim branches 15 feet up on tree trunk.

# WALKIN THE WATERSHED - *STREAM TEAM 2007*

## *Shoreline Survey Findings*

**Stream Segment:** MB-3

**Stream:** Middle Branch

**Surveyed Segment begins:** Sam Hill Rd

**Surveyed Segment ends:** Cone Rd

**Survey Participant(s):** Michael Downey

PROBLEMS:	ASSETS:	PROIRITIES FOR ACTION:
1) Runoff from East River Rd; 2) Bank erosion along East River Rd; 3) Japanese Knotweed	1) In general, landowners maintain very respectable filter strip. Landowners who take pride in maintaining proper filter strips along a significant resource areas are important assets. 2) Intact riparian zone, un-fragmented forest; 3) A "Legacy" Sycamore	1) Monitor land use changes 2) Monitor & eradicate Japanese Knotweed

**OVERALL SEGMENT DESCRIPTION:**

I began the survey at the end point (Cone Road) and walked upstream utilizing the eastern bank of the river as a general course of travel. The dominant feature of this segment is the Fox Den Wildlife Management Area (WMA). This state protected area accounts for a majority of the ownership on the eastern side of the river; however, it is private ownership that controls the western side of the river. The river bottom is mostly stone with scattered small boulders present as well.

Fish and wildlife passage appear uninterrupted; water quality was observed as clear, cool and contained no "odor"; the eastern bank is generally unaltered and the majority of the riparian zone is intact on the east and west; private property owners on the west side of the river have done a good job maintaining a filter strip of vegetation between the river and fields, lawns, etc. Potential impacts include road runoff from East River Road; bank erosion observed along East River Road more likely to be the most immediate potential impact; and a few man-made structures are present in the floodplain.

The un-fragmented forest and wildlife habitat located along the Fox Den WMA is quite impressive and contains a variety of forest types (due in part to past land use). East River Road is extremely scenic and has a variety of vista points along the road as well as pull-off spots to park.

### **OVERALL SEGMENT DESCRIPTION (CONT):**

Potential impacts to scenic and aesthetic values include scattered small populations of Japanese knotweed were observed and more than likely should be monitored or eradicated, if feasible.

The steep forested portions of this segment contain small areas of rock outcrops, during a heavy rain event it can be expected that a waterfall may develop on the stream flowing from this steep sloped area into the river.

Scattered sycamore trees were observed along the surveyed segment. This observation was noted primarily because I did not think sycamore would be growing this far upstream on the Middle Branch. This resource may need to be recognized.

Ecological assets include Natural Heritage and Endangered Species Program (NHESP) area, wetland community near the end point of surveyed area, un-fragmented forest located within Fox Den WMA. Potential ecological impacts include Japanese knotweed, sand and salt application of East River Road, bank erosion located on a portion of East River Road, potential removal of riparian vegetation along the western bank of the river, and other invasive species migrating to this area.

Recreational assets include fishing possibilities, hiking potential in Fox Den WMA, and snowmobile trail. There is evidence of a small 'party' spot located near the snowmobile bridge at Sam Hill Road and could lead to access limitations.

### **SCENIC FEATURES:**

A pleasing view can be found at the end point of surveyed segment.

A cascading stream located on the steep eastern side of the Middle Branch of the Westfield River is another scenic spot.

### **CULTURAL FEATURES:**

A legacy sugar maple was observed as well as an old stream crossing. A stone wall (running north-south along the slope) is located approximately 50 feet east of the old stream crossing.

The topographic map and aerial photo plainly reveal past land use along the Middle Branch. Scattered fence wire was observed as well on the east hillside of the surveyed segment.



**GEOLOGICAL FEATURES:**

A steep area is located on the east side of the surveyed segment and contains some rock outcrops.

**RECREATIONAL FEATURES:**

Public access can be gained at the snowmobile bridge. Lack of bridge maintenance or a storm event could be potential threats to the bridge.

Fox Den WMA maintains a long river frontage on the east side of the surveyed segment.

Fishing, hiking, hunting, picnicking, bird watching, and various other outdoor pursuits (no kayaking or canoeing unless high water is present).

**BIOLOGICAL FEATURES:**

Landowners maintain a very respectable filter strip along the river (~25 to 150 feet in width). Landowners that take pride in maintaining proper filter strips along significant resource areas are important assets. Landownership changes and development pressure may be a future threat to monitor.

The surveyed segment falls within Natural Heritage and Endangered Species Program (NHESP) area. Habitat degradation and illegal taking of an endangered species are potential threats.

A wetland community was observed at the end point of this segment. Habitat degradation is a potential threat.

Scattered sycamore trees were observed and should be recognized as a special feature because they may represent the most upstream occurrence on the Middle Branch.



**WALKIN THE WATERSHED - STREAM TEAM 2007**  
*Shoreline Survey Findings*

**Stream Segment:** MB-4

**Stream:** Middle Branch

**Surveyed Segment begins:** Cone Rd

**Surveyed Segment ends:** Confluence w/ Bear Mtn Brook

**Survey Participant(s):** Maggie Mansfield & Lizzy Lewis

<b>PROBLEMS:</b> 1) small patches of oil; 2) house falling into river	<b>ASSETS:</b> 1) good habitat all along	<b>PROIRITIES FOR ACTION:</b>
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**OVERALL SEGMENT DESCRIPTION:**  
Water seemed healthy and cool all along. There were a few places with a lot of algae, but usually where the water was running faster the rocks were clean. There were a few hunks of metal scattered through the whole stretch, but no specific spot with lots. There were also a few spots of oil (cover an area about 2ft).

**CULTURAL FEATURES:**  
Building precariously perched on run down cement very close to river.

**GEOLOGICAL FEATURES:**  
Nice stretches of bedrock and small cascade.

**BIOLOGICAL FEATURES:**  
Large fish and minnows. Good cover along river banks.

**WALKIN THE WATERSHED - STREAM TEAM 2007**  
*Shoreline Survey Findings*

**Stream Segment:** MB-5

**Stream:** Middle Branch

**Surveyed Segment begins:** Confluence w/ Bear Mtn Brook

**Surveyed Segment ends:** Clark Wright Rd

**Survey Participant(s):** Jeff Smith

<b>PROBLEMS:</b>	<b>ASSETS:</b>	<b>PROIRITIES FOR ACTION:</b>
1) Japanese knotweed growing on bank at Clark Wright Road Intersection	1) Good habitat for fish, birds, mammals	1) Limit knotweed growth; 2) Limit cutting on bank along road

**OVERALL SEGMENT DESCRIPTION:**

Bear Mountain Brook was very low flow. Water temperature was 60° F. Pool feeds into river at a bend. Inner bank opposite road has a large bar of cobble with willow, grasses and sedges growing. Outerbank (roadside) is sandbar and cobbles. Forested between river and road. Hemlock, yellow birch dominate canopy on both banks. Sugar & red maple are also common. Understory comprised of elm, ash, sugar maple saplings. Ground cover included hardhack, Joepye weed, and sedges. Most of the segment was a riffle and run with a few pools. Algae - some slime on the rocks at the beginning and some free floating algae along edge of pool - no odor.

Despite running along a road and having a house on the bank in one section these segments appear to be in good shape. As long as the roadside vegetation is not cutback or the road is widened or re-aligned it should remain good. Hopefully the knotweed does not continue to spread north from Clark Wright Road.

**SCENIC FEATURES:**

Entire segment is scenic with 100% forested bank on river left and river right pretty well forested along road.

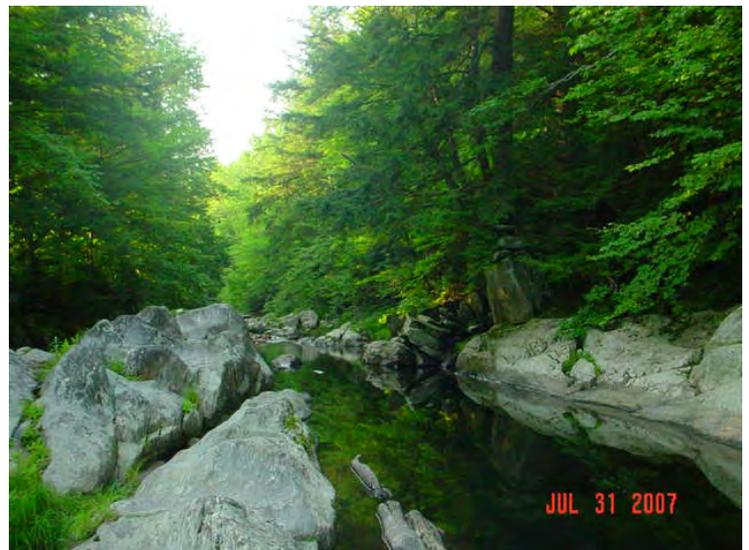
Floodplain forest occupies former river channel, includes large cottonwoods.

**GEOLOGICAL FEATURES:**

Approximately 2/3 of segment has exposed ledge within the river channel. In some areas ledge is the entire substrate. One section has exposed ridges of ledge dividing up the flow into 2-3 narrow channels 4-5 feet deep. Some of the bank is vertical but low ledge.

**BIOLOGICAL FEATURES:**

Segments provide good habitat - woody habitat along the banks, gravel substrates, and good riparian cover on both banks-- for fish, birds, and other mammals.



**WALKIN THE WATERSHED - STREAM TEAM 2007**  
*Shoreline Survey Findings*

**Stream Segment:** MB-6

**Stream:** Glendale Brook

**Surveyed Segment begins:** Chipman Rd

**Surveyed Segment ends:** Glendale Falls

**Survey Participant(s):** Lizzy Lewis & Maggie Mansfield

<b>PROBLEMS:</b>	<b>ASSETS:</b>	<b>PROIRITIES FOR ACTION:</b>
1) Erosion on the banks just above Glendale Falls; 2) A lot of beaver work going on, damming up river	1) Good place for wildlife viewing; 2) Possible canoe access	

**OVERALL SEGMENT DESCRIPTION:**

At the start point on the map, the river was inaccessible because it was a wetland swamp area with a lot of beaver work, very hard to get into the river until towards the end near Glendale Falls. This entire section of river is very slow moving and pretty muddy, with muddy banks.

**SCENIC & GEOLOGICAL FEATURES:**

Glendale Falls: Highest waterfall in MA; flows through Glendale Meadows and then cascades down a series of 100-150 foot falls; picnics, hiking, nature study, and historical structures; owned by TTOR.

**RECREATIONAL FEATURES:**

Slow water, wide swampy stretch might be suitable for canoeing or kayaking with good chance to see birds and wildlife.

**BIOLOGICAL FEATURES:**

Evidence of deer, coyote and turtles.

# WALKIN THE WATERSHED - STREAM TEAM 2007

## Shoreline Survey Findings

**Stream Segment:** MB-7

**Stream:** Glendale Brook

**Surveyed Segment begins:** Glendale Falls

**Surveyed Segment ends:** Confluence w/ Middle Branch

**Survey Participant(s):** Jim Loblely & Kathleen O'Donnell

<b>PROBLEMS:</b>	<b>ASSETS:</b>	<b>PROIRITIES FOR ACTION:</b>
<ol style="list-style-type: none"><li>1) Run-off from parking lot</li><li>2) Slippery rocks creates hazard</li><li>3) Trampled vegetation, exposed tree roots and erosion</li></ol>	<ol style="list-style-type: none"><li>1) Scenic and recreational value</li><li>2) Little trash even with intense use</li></ol>	<ol style="list-style-type: none"><li>1) Divert run-off from parking lot away from river</li><li>2) Hazard warning sign</li><li>3) Clearly mark designated trail and let other areas recover</li></ol>

### **OVERALL SEGMENT DESCRIPTION:**

The section of the Middle Branch of the Westfield River encompassing Glendale Falls should be noted as one of surpassing scenic and recreational value. The land is presently maintained as a The Trustees of Reservations property. On the hot August afternoon that we surveyed this stretch of river, the water was murky and, in quieter pools, intruded upon by considerable algal growth. We found few macro-invertebrates beneath the stones, but did note at least 4-6 leeches clinging to the rocks beneath the water. These were approximately 2 inches in length. The bare rock surfaces and outcroppings that distinguish the Falls are rimmed by hemlocks and mountain laurel, providing a fairly open understory and passage to the lower recesses of the Falls. Though few continue on along the stream past the pool at the base of the Falls, there are many hidden treasures along this reach including a cold freshwater spring that swells up and flows parallel to the main branch of the river, and many different species of ferns, trees and mushrooms.

I have two concerns regarding the recreational use of the Falls. The footing is quite tricky as one passes over the rocks. It would not be hard to fall, slide, or twist an ankle. It is clearly a "enjoy at your own risk" situation, but a sign or some type of warning might be wise. The rock can be surprisingly slippery when it gets wet as well. My second concern has to do with the path along the stream leading down to the pool. If there is a designated trail, it is very poorly marked. This has led to multiple parallel trails along the south edge of the falls. Foliage has been trampled, and the roots of trees have been exposed, creating both treacherous footing and hastened erosion. I would like to see a clearly marked trail leading down through the woods, allowing the other paths to recover.

### **OVERALL SEGMENT DESCRIPTION (CONT):**

On a positive note, we found very little trash along the banks and rocks of the Falls. A few cigarette butts and a single beer can were the sum of human refuse we collected. Given the fairly concentrated use of this relatively short reach of river, I found this encouraging.

A final issue that might bear further review concerns the small dirt parking lot-pull-off at the head of the Falls (Note: Sunday we surveyed there were 11 cars in the lot). The lot slopes in the same direction as the river, and one can easily follow the run-off channels as they leave the parking lot and join the stream 15 yards downhill. Of course, in any heavy rainfall event, any contaminants from the parked cars (dripping oil, radiator fluid, and picnic trash) would inevitably end up in the river. I think this might be remedied by the installation of a runoff ditch at the base of the parking lot, diverting rain runoff away from the river.



### **SCENIC FEATURES:**

Encompasses a surpassingly beautiful waterfall and overlook of the surrounding hills. The river slides, shoots and leaps more than 150 feet down over water-polished surfaces and ledges, creating a myriad of pools, waterfalls, and rivulets which can be explored and enjoyed for hours. The width of the polished rock allows ample sunlight to flood the falls, creating a delightful play between water, rock and light. This is a treasure of our local natural environment, and is preserved as a Trustees of Reservation property.

### **CULTURAL FEATURES:**

As noted on The Trustees of Reservations website, Glendale Falls is located on land which was "once part of the historic 18<sup>th</sup>-century Glendale Farm, which operated a gristmill whose foundation can be explored in the woods just north of the falls."

### **GEOLOGICAL FEATURES:**

At Glendale Falls, the Westfield has peeled back the forest to reveal a swath of the 447 million year old Middlefield pluton, a granite emplacement resulting from the collision of continents eons ago. This significant geological formation has been proposed as the site for a multi-university research site. At a 2004 meeting of the Geological Society of America, a number of local university professors presented a proposal on this topic in which they noted: "The Middlefield pluton occupies an important tectonic location at the contact between the Rowe and Moretown Formations in western New England and potentially can constrain the timing of Taconic accretion and help to distinguish between one-arc and two-arc tectonic models." ([http://gsa.confex.com/gsa/2004AM/finalprogram/abstract\\_75854.htm](http://gsa.confex.com/gsa/2004AM/finalprogram/abstract_75854.htm))

### **RECREATIONAL FEATURES:**

This is a favorite and fairly well-visited recreational spot. Swimming, picnicking, and to some extent hiking can all be enjoyed along the banks and on the rocky outcroppings of the falls.

A pool at the bottom of the falls provides an excellent swimming hole if you don't mind the leeches clinging to the rocks along the bank.

### **BIOLOGICAL FEATURES:**

The Trustees of Reservations website notes that "The surrounding forest includes hemlock, birch, and beech with an understory of maple, hornbeam, witch hazel, shadbush, and mountain laurel." The overgrowth of hemlock as a climax species is very much in evidence. The mountain laurel provides a refreshing diversion from what I experience as the dreariness of the hemlock forest. We found a number of interesting fungi on our hike through the understory. While we did not encounter much wildlife, I am sure the surrounding woods are full of deer, wild turkeys, salamanders, and other local inhabitants of our Hilltown natural climes.



**WALKIN THE WATERSHED - STREAM TEAM 2007**  
*Shoreline Survey Findings*

**Stream Segment:** MB-8

**Stream:** Middle Branch

**Surveyed Segment begins:** Clark Wright Rd

**Surveyed Segment ends:** George Miller Rd

**Survey Participant(s):**

<b>PROBLEMS:</b>	<b>ASSETS:</b>	<b>PROIRITIES FOR ACTION:</b>
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<b>OVERALL SEGMENT DESCRIPTION:</b>
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**WALKIN THE WATERSHED - STREAM TEAM 2007**  
*Shoreline Survey Findings*

**Stream Segment:** MB-9

**Stream:** Middle Branch

**Surveyed Segment begins:** George Miller Rd

**Surveyed Segment ends:** Herring Rd

**Survey Participant(s):** William Morrissey

<b>PROBLEMS:</b>	<b>ASSETS:</b>	<b>PROIRITIES FOR ACTION:</b>
1) 1 mile below George Miller bridge there are a lot of dead trees torn up during high water; it is changing the path of the brook	1) Water quality looked good; 2) Saw a lot of deer tracks; 3) There are some places that could be fixed for tenting along the river	

<b>OVERALL SEGMENT DESCRIPTION:</b>
There is not enough water in this segment for canoes or kayaks, except maybe during high water and for expert boaters only. There could be a few places for picnicking and tenting if allowed by property owners. During dry spells the water would be too low for fishing, there is no deep holes for the fish to have cold water. The water quality looked good.

**WALKIN THE WATERSHED - STREAM TEAM 2007**  
*Shoreline Survey Findings*

**Stream Segment:** MB-10A

**Stream:** Middle Branch

**Surveyed Segment begins:** Herring Rd

**Surveyed Segment ends:** Bailey Rd

**Survey Participant(s):** Linda Ziff &/or Kefa (Keith?)

<b>PROBLEMS:</b>	<b>ASSETS:</b>	<b>PROIRITIES FOR ACTION:</b>
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<b>OVERALL SEGMENT DESCRIPTION:</b>
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**WALKIN THE WATERSHED - STREAM TEAM 2007**  
*Shoreline Survey Findings*

**Stream Segment:** MB-10B

**Stream:** Middle Branch

**Surveyed Segment begins:** Bailey Rd

**Surveyed Segment ends:** Smith Rd

**Survey Participant(s):** Linda Ziff &/or Kefa (Keith?)

<b>PROBLEMS:</b>	<b>ASSETS:</b>	<b>PROIRITIES FOR ACTION:</b>
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<b>OVERALL SEGMENT DESCRIPTION:</b>
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**WALKIN THE WATERSHED - STREAM TEAM 2007**  
*Shoreline Survey Findings*

**Stream Segment:** MB-11

**Stream:** Middle Branch

**Surveyed Segment begins:** Smith Rd

**Surveyed Segment ends:** Kinney Brook Rd

**Survey Participant(s):** Krystal Fitzgerald

<b>PROBLEMS:</b>	<b>ASSETS:</b>	<b>PROIRITIES FOR ACTION:</b>
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<b>OVERALL SEGMENT DESCRIPTION:</b>
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**WALKIN THE WATERSHED - STREAM TEAM 2007**  
*Shoreline Survey Findings*

**Stream Segment:** MB-12

**Stream:** Middle Branch

**Surveyed Segment begins:** Kinney Brook Rd

**Surveyed Segment ends:** Upper portion of Littleville Lake

**Survey Participant(s):** Ian Dipietro

<b>PROBLEMS:</b>	<b>ASSETS:</b>	<b>PROIRITIES FOR ACTION:</b>
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<b>OVERALL SEGMENT DESCRIPTION:</b>
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**WALKIN THE WATERSHED - STREAM TEAM 2007**  
*Shoreline Survey Findings*

**Stream Segment:** MB-13

**Stream:** Middle Branch

**Surveyed Segment begins:** Littleville Dam

**Surveyed Segment ends:** Goss Hill Rd

**Survey Participant(s):** Bob Carlson

<b>PROBLEMS:</b>	<b>ASSETS:</b>	<b>PROIRITIES FOR ACTION:</b>
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<b>OVERALL SEGMENT DESCRIPTION:</b>
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**WALKIN THE WATERSHED - STREAM TEAM 2007**  
*Shoreline Survey Findings*

**Stream Segment:** MB-14

**Stream:** Middle Branch

**Surveyed Segment begins:** Goss Hill Rd

**Surveyed Segment ends:** Confluence w/ East Branch

**Survey Participant(s):** Franny,Jonah,Ella&Bob Huberman/Carlson

<b>PROBLEMS:</b>	<b>ASSETS:</b>	<b>PROIRITIES FOR ACTION:</b>
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<b>OVERALL SEGMENT DESCRIPTION:</b>
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**WALKIN THE WATERSHED - STREAM TEAM 2007**  
*Shoreline Survey Findings*

**Stream Segment:**

**Stream:**

**Surveyed Segment begins:**

**Surveyed Segment ends:**

**Survey Participant(s):**

<b>PROBLEMS:</b>	<b>ASSETS:</b>	<b>PROIRITIES FOR ACTION:</b>
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<b>OVERALL SEGMENT DESCRIPTION:</b>
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