




Cutting Watershed Inventory

Cutting Pond	
<p>Cutting Pond is situated on the south side of Route 27 on the Maynard line on private land, a portion of which having use rights that were acquired by the Town in 2006.</p> <p>Cutting Pond is fed by a brook flowing south from Ponds C6 and C7 and flows out to Puffer Pond by way of a stream at the northwestern corner that flows westerly through Maynard. A beaver dam at the outlet is the likely cause of seasonal flooding at the inlet on Route 27.</p> <p>The photos were taken in late July from the southeastern shore. Looking north, the pond is mostly covered with algae whereas looking west the water is almost entirely clear of aquatic plants.</p> <p>Although situated on privately owned land, the town acquired land use rights to the land surrounding Cutting Pond and there is a network of hiking trails. The land abuts the new Assabet National Wildlife Refuge situated on the old Fort Devens Annex, comprising the majority of the Cutting Watershed and offering extraordinary hiking and wildlife observation.</p>	 
Longfellow Pond	
<p>Longfellow Pond is a privately owned pond at the southeastern end of Longfellow Road.</p> <p>The photo was taken in late July, looking north.</p> <p>At mid-summer the surface is mostly free of aquatic plants, except for a small area at the northern most end.</p>	

Puffer Pond

Puffer Pond (approximately 24 acres), which is defined by Massachusetts law to be a Great Pond (i.e., a natural pond with an area of 20 acres or more) lies mostly in Maynard but about 1/3 lies within Sudbury. This pond, as well as much of the land in Cutting Watershed is now part of the Assabet River National Wildlife Refuge or Sudbury State Forest. Puffer Pond flows out to the Assabet River by way of Taylor Brook at its northernmost tip.

The only pond in the Cutting Watershed that has been assessed by the US EPA is Puffer Pond (ID: MA82092), which was last assessed in 2002, according to the Enviromapper website

(<http://www.epa.gov/enviro/html/em>).



Puffer Pond is reported by the state to be “Impaired Water” not meeting the water quality standards established by the Clean Water Act. The impairment is listed as “METALS (OTHER THAN MERCURY)”. Impairment means that one of the designated uses for the water body is not met. For the designated use category “Aquatic Life Harvesting”, the use labeled “FISH CONSUMPTION” is rated as “NOT SUPPORTING”. Perhaps this is a vestige of the surrounding land’s former use as an Army training ground with munitions storage. Puffer Pond flows out into Taylor Brook (ID: MA82B-08), which has not been assessed by the EPA.


In 1994, the United States Army Environmental Center (USAEC) tasked Ecology and Environment, Inc., (E & E) to conduct a bioaccumulation study at Puffer Pond to determine whether elevated levels of contaminants, related to the operation and maintenance of the Fort Devens Sudbury Training Annex (the Annex), are present in Puffer Pond fish, relative to a







Photos Courtesy of Maynard Historical Society (<http://web.maynard.ma.us/>)



<p>reference pond believed to represent local background conditions. Ministers Pond, a pond similar to Puffer Pond and located off Annex property, was chosen as the reference pond. This study augments data from earlier studies which indicate trace levels of metals and pesticide residues in Puffer Pond fish tissues. The report may be downloaded at http://stinet.dtic.mil/cgi-bin/GetTRDoc?AD=ADA375858&Location=U2&doc=GetTRDoc.pdf.</p> <p>Puffer Pond, while not open to public fishing as of 1978, was a managed warm water fishery. According to the Assabet River National Wildlife Refuge website (http://www.fws.gov/northeast/assabetriver), Fishing is allowed at Puffer Pond on Trail Z at the Barron Fishing Access Site. Kayak and canoe access will be allowed off Craven Lane beginning in the summer of 2007 (carry in only at this time).</p>	<p>Craig Smith photographed these Hooded Mergansers on Puffer Pond, Courtesy of Sudbury Valley Trustees (www.sudburyvalleytrustees.org)</p>
<p>Pond C1</p>	
<p>Pond C1 is a very small pond located entirely on a private land on the southern side of North Road (Route 117) at the northeastern-most tip of Sudbury.</p>	
<p>Pond C2</p>	
<p>Pond C2 is located behind the houses at the eastern corner of north Road (Route 117) and Longfellow Road.</p> <p>The photo was taken in late July from Longfellow Road looking east.</p> <p>The pond has no outlet. At mid-summer the pond appears to be almost entirely covered by algae and/or aquatic plants.</p> <p>Lying entirely on private land, this pond is not open to public recreational use.</p>	

Pond C3	
<p>Pond C3 is a town-owned pond on what is known as “Longfellow Park”, woodland owned by Town Parks & Recreation Commission. It is accessible by a path on Longfellow Road between Harvard Drive and Blaine Road.</p> <p>The photo was taken in late July, looking north.</p> <p>The pond has no outlet. At mid-summer the surface is free of aquatic plants except for a few lily pads. A portion is surrounded by backyards while a significant portion is bordered by woods.</p> <p>To the right just outside the picture is a sign that reads “Catch and Release Only” and a person was observed fishing from the back yard of an abutting house.</p> <p>Pond C3 is of sufficient size to offer a short canoe or kayak ride.</p>	
Pond C4	
<p>Pond C4 is a relatively large privately owned pond surrounded entirely by homes on Harvard Drive, Longfellow Road, Chanticleer Road and Ford Road.</p> <p>The photo was taken in late July, looking west from Longfellow Road.</p> <p>The pond has no outlet. At mid-summer the surface is free of aquatic plants.</p>	

<p>Pond C5</p> <p>Pond C5 is located entirely on a private lot between Mossman and Longfellow Roads out of public view.</p>	
<p>Pond C6</p> <p>Pond C6 is located entirely on a private lot on Belcher Drive out of public view.</p>	
<p>Pond C7</p> <p>Pond C7 is located entirely on a private lot between Longfellow and the intersection of Mossman and Willis Roads out of public view.</p> <p>The pond has an outlet at the southern end that leads to Longfellow Pond via an intermittent stream.</p>	
<p>Pond C8</p> <p>Pond C8 is located on private land off an old dirt road on the west side of Ironworks Road. Brook Ca passes under the dirt road and to the left of the Pond as seen in the photo.</p>	

Pond C9

Pond C9 is located on private land to the West of Pond C8 beyond a swampy meadow area between Ironworks Road to the East and Route 27 to the West. It is the leftmost pond in the photo.



Pond C10

Pond C10 is located on private land on Bowker Road.

At late summer the surface is free of aquatic plants.



Looking south from Bowker Road



Looking north from Bowker Road

Brook Ca

Ca is a brook flowing from Ponds C6 into C8 into Cutting Pond. It has a thick cover of algae and aquatic plants. Many trees in the surrounding wetlands have died and fallen supposedly due to flooding caused by beaver dams at the outflow from Cutting Pond.

