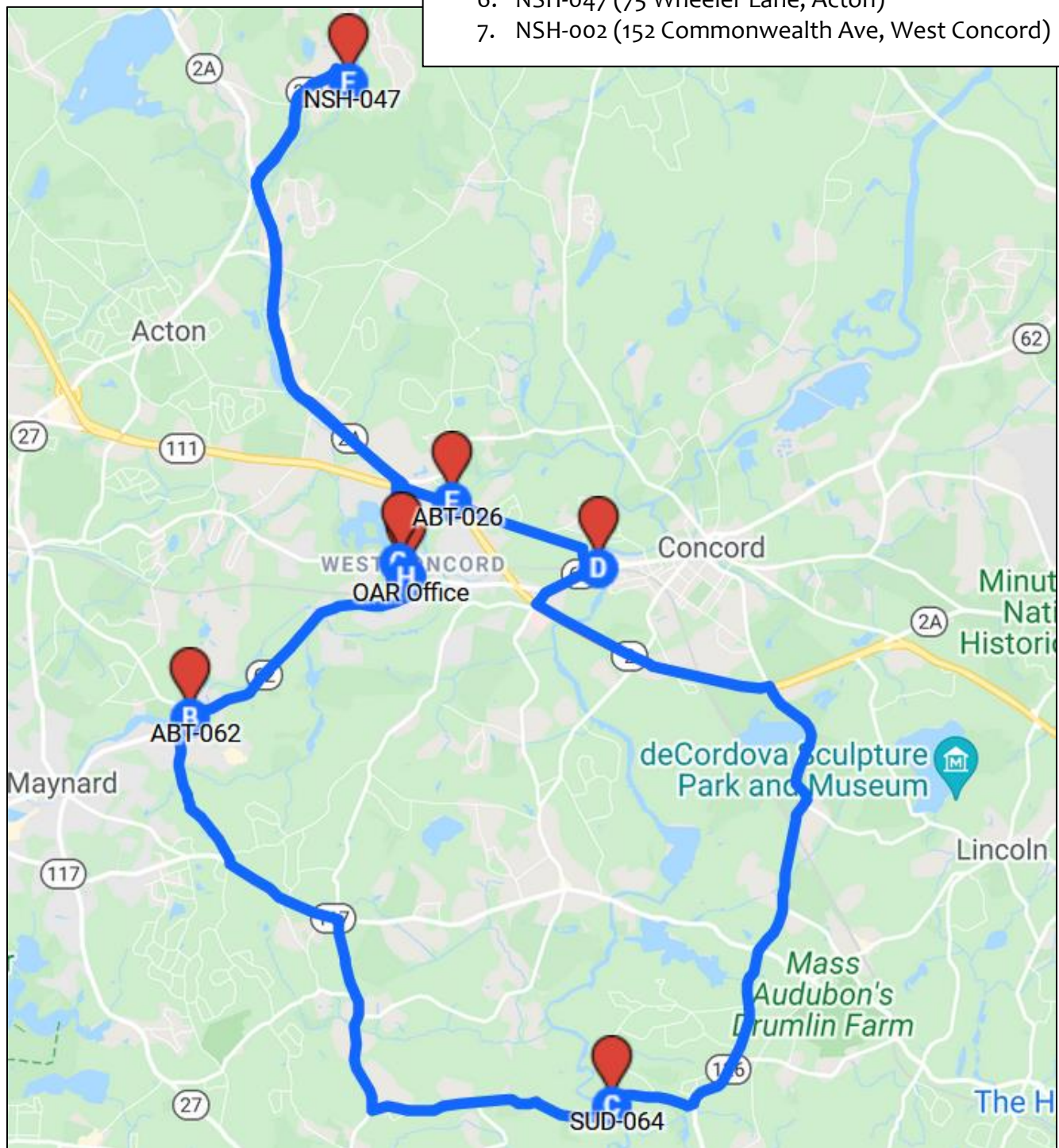


LOWER ASSABET RIVER – SUMMER

SITES (Approximate addresses for GPS)

1. Office (23 Bradford Street)
2. ABT-062 (69 Powdermill Road, Acton)
3. SUD-064 (65 Sherman's Bridge Rd, Wayland)
4. SUD-005 (500 Main Street, Concord)
5. ABT-026 (29 Assabet Ave, Concord)
6. NSH-047 (75 Wheeler Lane, Acton)
7. NSH-002 (152 Commonwealth Ave, West Concord)



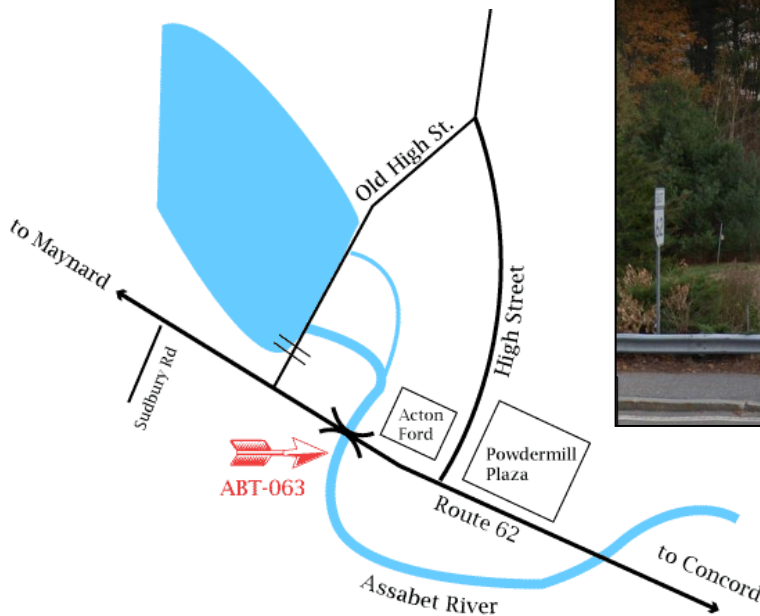
Office

OARS Office: 23 Bradford Street 3rd Floor, West Concord
From Rt. 2, take Rt. 62 west towards West Concord. At the fork (facing the 99 Restaurant), bear right onto Commonwealth Ave. Cross the railroad tracks and take a left onto Bradford Street. Turn in to the parking lot in between buildings #23 and #33 and park near the front. We use the main entrance and elevators. Our office is on the 3rd floor.



ABT-062 Acton Canoe Put-in, Acton

From the OARS office, go out Bradford St. and turn right onto Commonwealth Ave. In 500 ft., turn right onto Church St. In 800 ft., turn right onto Rt. 62 W. Go west 1.4 miles along Rt. 62 towards Acton/Maynard. Just after the light at High Street and the Powder Mill Plaza turn left at a break in the guardrail before Moscariello Equipment. This is a boat put-in site. Bottle sample from the put-in. In-situ sampling can be done from the Rt. 62 bridge or at the bottle sampling spot. The bottom is gravelly but the current can be swift in high water. *This site is downstream of the Maynard WWTP and the Acton WWTP (groundwater discharge).*

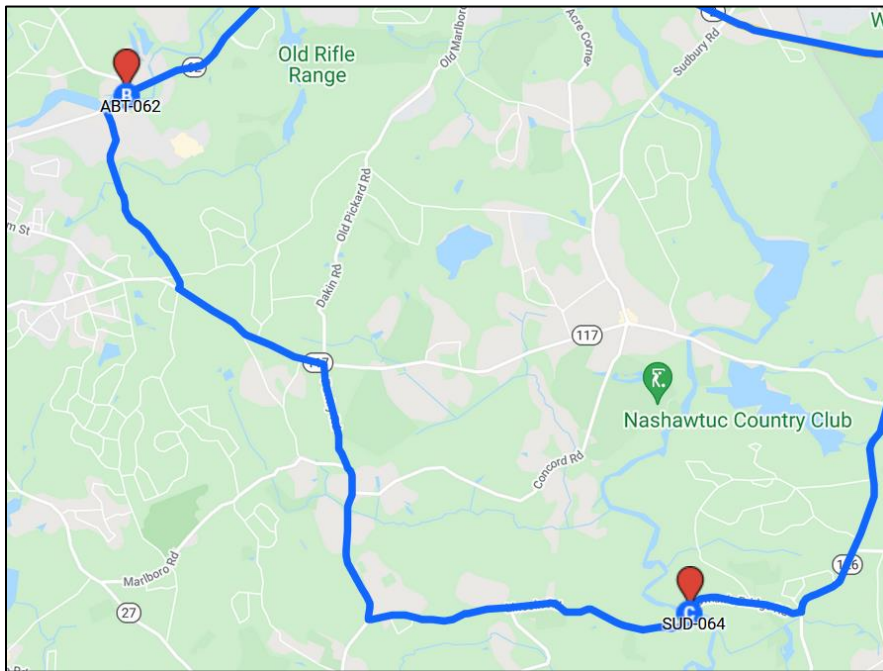


Picture angle:

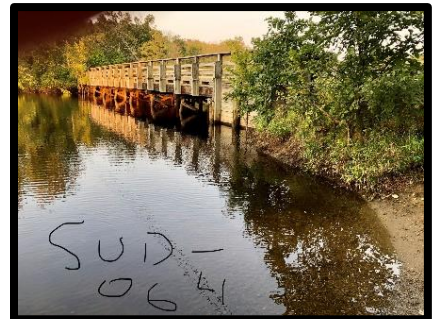


SUD-064 Sherman Bridge Road, Sudbury/Wayland line

From ABT-062, head southwest on MA-62. In 800 ft, turn left onto Sudbury Rd. (becomes Old Sudbury Rd/Powder Mill Rd). In 1.3 mi, turn left onto MA-117 E. In 1 mi, turn right onto Pantry Rd (becomes Concord Rd). In 1.6 mi, turn left onto Lincoln Rd, which becomes Sherman Bridge Rd. Go 2 miles to the bridge. Park on the upstream side, in the dirt pull out after you cross the bridge. Make sure you go far enough into the stream to get away from any sediment from the boat ramp.



Picture angle:

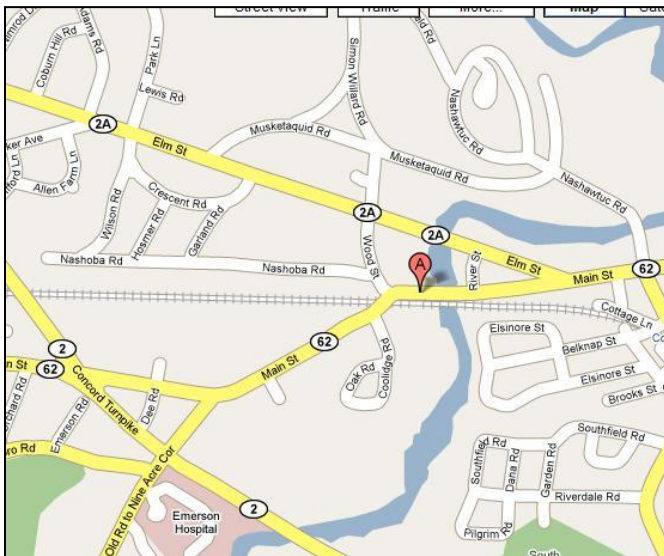


View upstream from Sherman Bridge



SUD-005: Route 62, Concord

From SUD-064, head northeast on Sherman's Bridge Rd. In 0.7 mi, turn left onto MA-126 N. In 3.8 mi, turn left onto MA-2 W. In 2 mi, turn right onto Old Rd. In 600 ft, turn right onto MA-62 E. In 0.5 mi, just before you go under the stone bridge, pull into the parking lot across the street from the South Bridge Boat House. Be sure not to block the sidewalk or customer activity. You can take samples from their dock, but **if there are boat rental customers on the dock or if there is an oil slick near the dock** (often in the later summer) take the samples across the road on the upstream side of the bridge. There is a clear path to the river and an easy bank to work from. It is okay to walk around the fence and private property sign. (We do have permission from the Boat House owners to sample either on the dock or on the upstream side of the bridge; introduce yourself if there is anyone there and confirm permission.) Take YSI readings from the bridge and watch out for boaters.

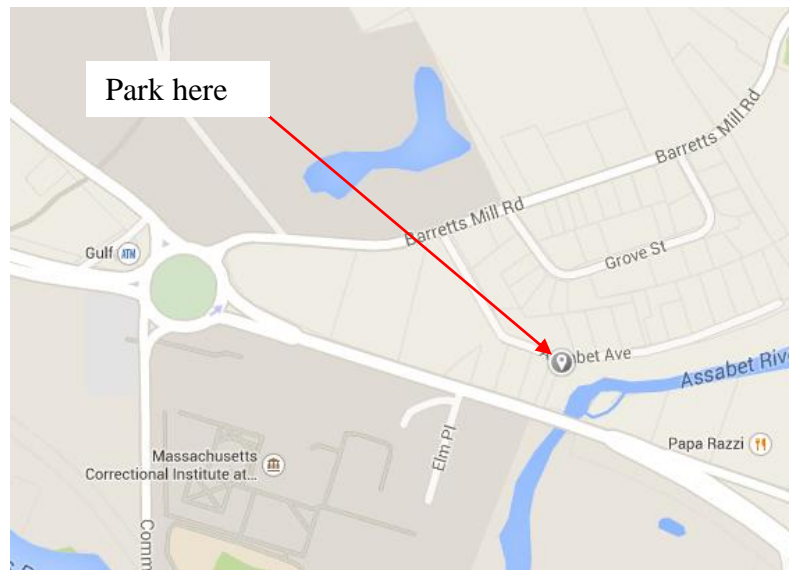


Picture angle



ABT-026 Route 2, Concord:

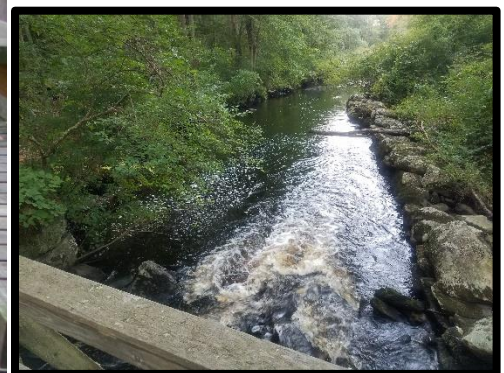
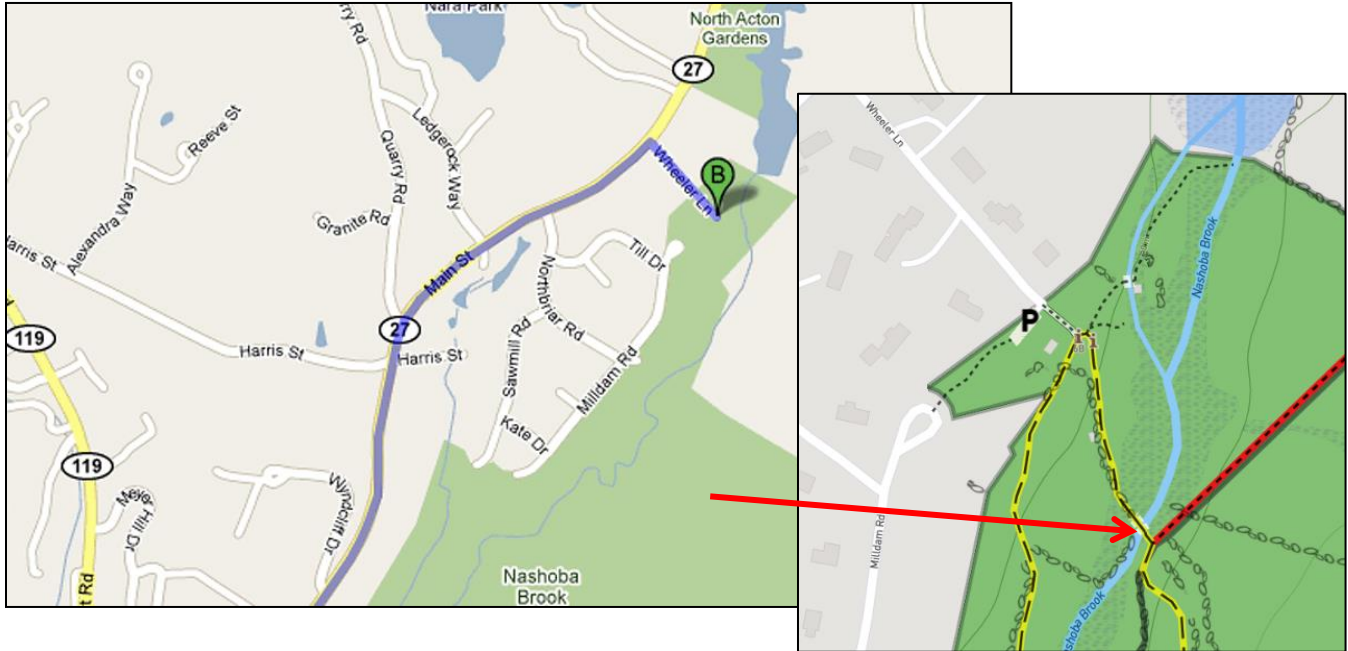
From SUD-005, head west on MA-62 W. In 400 ft, turn right onto Wood St. In 800 ft, turn left onto Elm St. In 1.1 mi, slight right onto MA-2 W. In 0.4 mi, at the traffic circle, take the 1st exit onto Barretts Mill Rd. In 1000 ft, turn right onto Assabet Ave and park by the old road. Walk out to Route 2 and the bridge. *In-situ* sampling is done from the Rte 2 bridge. For bottle sampling, climb down the embankment next to the bridge and sample from the rocks. *This site is downstream from the Concord MCI wastewater treatment plant.*



Picture angle

NSH-047 Nashoba Brook at Wheeler Lane, Acton

From ABT-026, go back out to Barrett's Mill Road. Turn left onto Barrett's Mill Rd. In 1000 ft, at the traffic circle, take the 1st exit onto MA-119 W/MA-2A W. In 2.8 mi, turn right onto MA-27 N. In 1.1 mi, turn right onto Wheeler Ln, and park in the lot at the end of the lane. From the parking area, there are three footpaths toward the brook. Go down the center path to the large footbridge. Sample upstream of the bridge on the left side of the stream next to the staff gage. **You do not need to read the staff gage.** It is automated.

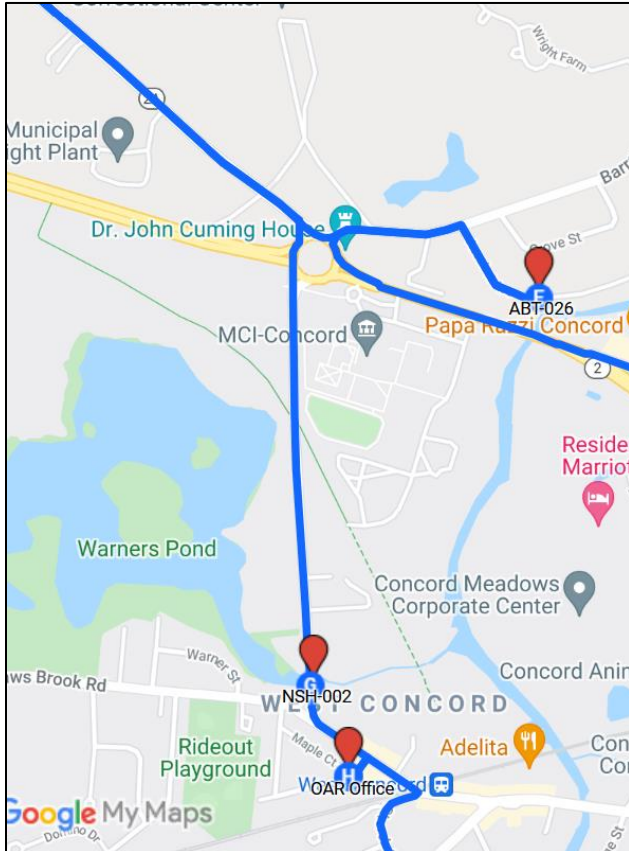


Picture angle

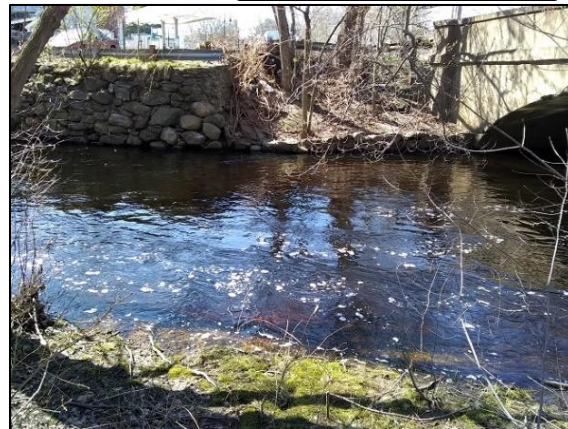
NSH-002 Nashoba Brook at Comm Ave, Concord

(Read Staff Gage)

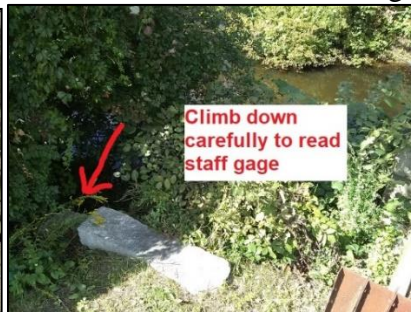
From NSH-047, go back out Wheeler Lane, take a left onto Rt. 27. Take a left onto Rt. 119. At the rotary, take the second spur onto Commonwealth Ave. Follow Commonwealth across the Nashoba Brook Bridge and park in the gas station parking lot on the left *if* the station is closed, or pull into the grassy pull out on right (the upstream side of the bridge) near the dam. Bottle sampling can be done on the downstream side of the bridge on the opposite side of the river from the gas station. Don't sample under the outfall beside the staff gage upstream of the bridge. *In-situ* sampling can be done from the bridge. Remember to read the staff gage (see below).



Picture angle:



The staff gage is on the upstream side of the bridge. It is tricky to access, but the best approach is to climb down the stone steps next to the bridge around the outfall. Don't read the gage if it doesn't feel safe. The hydraulic control for the gage is the rocky riffle under and just downstream of the bridge; observe the control riffle from the downstream side of the bridge.



Return to OARS office:

From NSH-002, continue along Commonwealth Ave. At the junction take a left (staying on Commonwealth). In 0.1 miles take a right onto Bradford Street. But first, stop at the Nashoba Brook Bakery and pick me up a coffee (black, no sugar).



Do not bring the samples upstairs! Let me know you're here and we'll check in the samples in the parking lot.