

**Snapshot Day 10/8/09 Data
(Salt Front RM 60.3)
RIVER MILE 182
Riverside Park, Schuylerville , Hudson River
Nancy Robertson, Cornell Cooperative Extension
4 H Homeschool Group, The Adirondack School
43°06.59.60 N, 73°34.35.29'W**



**Photo taken of the site on the upper Hudson River.
The Dix Bridge in Hudson Crossing Park**

Location: Upper Hudson Lock 5 in Schuylerville, NY

Area: Dix Bridge

Surrounding Land Use: urban/residential- 25 %, forested- 75 lightly %, commercial- 0% but evidence of commercial industry in the past- old mills, railroad structures)–The site is the exact spot where General Burgoyne crossed the Hudson during the Rev. War. He picked that site because the river is narrow there and the banks are not as steep. He built a bridge out of boats.

Sampling Site: Rocky and steep, forested, covered with vegetation; **Plants in area:**

Grasses, ferns, moss, wildflowers, mushrooms, golden rod

Trees- red oak, beech, sugar maple, red maple

Water depth: muddy and rocky

Altitude: 86' above sea level



<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
<i>Physical</i>				
Air Temperature	10:45 AM	16° C		
Wind Speed	10:45 AM	gusty	Beaufort #2	NW
Cloud Cover	Partly cloudy			
Weather yesterday	Tues. nice and in the 60s no rain in day but rain during night. Wed. heavy rain in AM and extremely windy in PM, several fast moving fronts blew through over the day.			
<i>Water Temperature</i>	11:00 AM	12° C		
<i>Water surface</i>	Water calm but movement is swift over many rocks			
<i>Turbidity</i>				
<i>Chemical</i>				
PurTest kit				
pH	11:00 AM	5.5 litmus paper.		
Chlorine		1 ppm		
Copper		0 ppm		
Nitrate		0 ppm		
Alkalinity		80 ppm		
Iron		.3 ppm		
Lead		Negative		
Pest.		Positive		
<i>Fish Catch</i>	<i>Number Caught</i>	<i>Species</i>		<i>Minnow traps</i>
<i>Currents</i>	10:40 AM	70 cm/sec.	South	
<i>Other</i>	Canada Geese Flock up, 2 or 3 ducks on the river, songbirds in the trees, evidence of pilated woodpecker nest			