

**Snapshot Day 10/22/19 Data**  
**Mohawk River Valley**  
**NISKAYUNA LOCK 7**  
**RIVER MILE: (Mohawk) 15**  
**River Run Community Montessori School–**  
**12 students 1<sup>st</sup>-6<sup>th</sup> grade**  
**Leah Akins & Collin (Fisheries), DEC**  
**Matt Schlesinger, New York Natural Heritage Program**  
**42.80375 Lat, -73.85000 Long**

**Location:** On the Mohawk River at Lock 7 Park, Niskayuna

- Upstream of Lock 7; West shore; in cove, north of boat ramp

**Surrounding Land Use:** 0% urban residential; 0% industrial/commercial; 50% forested; 10% beach; 40% other (Lock, parking lot, ramp)

**Shoreline:** 50% sandy; 40% muddy; 10% rocky

**River Bottom:** muddy, weedy, sandy, rocky

**Water Depth:** 5 feet

**Water Conditions:** Calm

**Plants in water:** 40% water chestnut; 40% duck weed; 20% clear water

<i>ITEM</i>	<i>Time</i>	<i>Reading</i>		<i>Comments</i>
<b>Physical</b>				
<i>Air Temperature</i>	10:06 AM	55 °F		
	10:41 AM	55 °F		
	11:16 AM	55.5 °F		
<i>Wind Speed</i>	10:06 AM	Beaufort 1 SE		
	10:41 AM	Beaufort 1 W		
	11:16 AM	Beaufort 1 W		
<i>Weather today</i>	Clear, overcast			
<b>Water Temperature</b>	10:06 AM	50 °F		
	10:41 AM	53.6 °F		
	11:16 AM	50 °F		
<b>Turbidity - long sight tube</b>	10:06 AM	16 cm		
	10:41 AM	19 cm		
	11:16 AM	18 cm		
<b>Chemical</b>				
<i>DO – drop count</i>	<i>Time</i>	<i>Temp</i>	<i>ppm DO</i>	<i>% saturation</i>
<i>pH – color match test kit</i>	10:06 AM	7.5		
	10:41 AM	7.5		
	11:16 AM	7.5		
<b>Fish</b>	<b>Number</b>	<b>Name</b>	<b>Length of longest</b>	
<i>Seine Net: 15ft net, 20ft pull</i>				<b>Note:</b> <b>Electrofishing with the DEC boat the day before totals not</b>
<i>Seine 1: 10:00 AM</i>	1	Bluegill	4.0 cm	
<i>Seine 2: 10:15 AM</i>	5	Bluegill	5.0 cm	
	9	Spottail Shiner	7.0 cm	

<i>Seine 3: 10:30 AM</i>	3	Bluegill	5.0 cm	<i>recorded here</i>
<i>Seine 3 (cont'd)</i>	2	Pumpkinseed	5.5 cm	
	1	Fantail Darter	7.0 cm	
	1	Rock Bass	6.0 cm	
<i>Seine 4: 10:45 AM</i>	1	Bluegill	5.0 cm	
	7	Spottail Shiner	6.5 cm	
<i>Seine 5: 11:00 AM</i>	1	Pumpkinseed	8.0 cm	
<i>Seine 6: 11:10 AM</i>	2	Bluegill	5.5 cm	
<i>Seine 7: 11:15 AM</i>	10	Bluegill	5.0 cm	
	1	Spottail Shiner	7.0 cm	
	1	Largemouth Bass	11.5 cm	
<i>Seine 8: 11:20 AM</i>	1	Bluegill	6.0 cm	
<i>Seine 9: 11:30 AM</i>	9	Bluegill	8.0 cm	
	2	Largemouth Bass	12.0 cm	
<i>Seine 10: 11:40 AM</i>	3	Pumpkinseed	8.0 cm	
	1	Rock Bass	6.5 cm	
<b><i>Fish Totals</i></b>	<b>TOAL: 61</b>	<b>Diversity: 6</b>		
<b>Boats:</b>				
<b>Other observations</b>	Red squirrel, Great blue heron	Water scorpion, dragonfly larvae	Several whole coconuts in water	