

**STREAM SCHOOL**  
**April 27 and 28, 2019 | 9:00am – 4:30pm**  
**Camden County College: Kevin G. Halpern Hall for Science**

**Presented by: The Watershed Institute & NJ Dept. of Environmental Protection**  
 With Support from the South Jersey Land and Water Trust and Camden County College

**SATURDAY, APRIL 27<sup>th</sup> (DAY 1) AGENDA**

<b>Time</b>	<b>Topic</b>	<b>Presenter</b>
9:00 – 9:30	Registration and Light Breakfast	
9:30 – 10:00	Welcome Remarks	Ashley Aversa, SJLWT Dr. Rita Connolly, CCC
10:00 – 10:45	Overview of NJ Monitoring Program <ul style="list-style-type: none"> <li>• What is a Watershed?</li> <li>• Role of Volunteers</li> <li>• Sampling Methods</li> <li>• Regional Assessment Metrics</li> </ul>	Katie Harrison, NJDEP
10:45 – 12:00	Introduction to Benthic Macroinvertebrates <ul style="list-style-type: none"> <li>• Uses as Bioindicators</li> <li>• Identification Characteristics</li> <li>• Dichotomous Keys</li> <li>• Review Preserved Specimens</li> </ul>	Erin Stretz, TWI
12:00 – 1:00	Lunch (bring your own)	
1:00 – 1:30	Introduction to Field Experience <ul style="list-style-type: none"> <li>• Identifying Macroinvertebrate Habitats</li> <li>• Didymo and Gear Decontamination</li> </ul>	Erin Stretz, TWI
1:30 – 3:00	Field Practice <ul style="list-style-type: none"> <li>• Macroinvertebrate Sampling</li> <li>• Bring Samples Back to Classroom</li> </ul>	Erin Stretz, TWI Katie Harrison, NJDEP
3:00 – 3:15	Break	
3:15 – 4:15	Lab Practice <ul style="list-style-type: none"> <li>• Macroinvertebrate Sorting and Identification</li> </ul>	Erin Stretz, TWI Katie Harrison, NJDEP
4:15 – 4:30	High Gradient Macroinvertebrate Index	Erin Stretz, TWI
4:30	Conclude Day 1	Erin Stretz, TWI

**SUNDAY, APRIL 28<sup>th</sup> (DAY 2) AGENDA**

<b>Time</b>	<b>Topic</b>	<b>Presenter</b>
9:00 – 9:30	Light Breakfast	
9:30 – 9:45	The Ecological Significance of South Jersey	Mike Hogan, SJLWT
9:45 – 10:45	Introduction to Visual/Habitat Assessments <ul style="list-style-type: none"> <li>• High Gradient Habitat Characteristics</li> <li>• Habitat Data Sheet</li> </ul>	Katie Harrison, NJDEP
10:45 – 12:00	Field Practice with Visual/Habitat Assessments	Katie Harrison, NJDEP Erin Stretz, TWI
12:00 – 1:00	Lunch	
1:00 – 3:00	Macroinvertebrate Field Practice <ul style="list-style-type: none"> <li>• Sample Collection</li> <li>• Organism Sorting</li> <li>• Identification with Biological Data Sheet</li> </ul>	Erin Stretz, TWI Katie Harrison, NJDEP
3:00 – 3:15	Break	
3:15 – 4:15	Macroinvertebrate Identification Test and Discussion	Erin Stretz, TWI Katie Harrison, NJDEP
4:15 – 4:30	Final Q&A and Conclude Day 2	Erin Stretz, TWI
4:30 – 5:30	Optional: Tour of Masons Run, the last known trout stream in South Jersey	Mike Hogan, SJLWT