

Naugatuck River Restoration Jigsaw

You are a member of the Naugatuck River revival group. After a long term study there have been several environmental concerns have been raised by the group. They include the following:

Increase passage of fish (ex. Salmon, Shad)

[Making Way for Fish](#)

Decrease sewage levels affecting oxygen in the water.

[Controlling Sewage Overflow](#)

[Getting Sewage Out of Rivers](#)

Reduce thermal pollution from cooling of machinery from industry.

[Managing Thermal Pollution](#)

[Ways to Prevent Thermal Pollution](#)

Increase recreational fishing opportunities.

[Community Outreach](#)

[Trout Stocking Map](#)

[Benefits of Fish Stocking Programs in Ct](#)

Decrease polluted runoff from streets of Naugatuck.

[Decreasing Urban Runoff](#)

[Managing Runoff](#)

[How to Reduce Storm Runoff](#)

[Video - Storm Water Management](#)

Reduce pH changes in the river from industry pollutants.

[Fact Sheet on Auto Pollutants](#)

[National Watershed pH Map](#)

Reduce the impact of invasive species. (Ex. Zebra Mussels, Rock Snot and *Phragmites australis*)

[CT Invasive Species](#)

[Prevent Invasive Species](#)

[Fighting the Spread of Invasive Species](#)

Bacterial processing to remove pollution

[How microbes can clean polluted waters](#)

[What it takes to clean the Ganges](#)



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Restoration Effort Guidelines

Each group will pick one of the identified environmental concerns on the previous page and use the research dossier (binder) provided to you to locate the most useful resources to devise a plan to solve that particular concern in the Naugatuck River. This is the baseline material to which you will need to do more research for over the weekend. After each group reviews their findings we will prioritize the efforts of the Naugatuck River revival group based upon the findings of each group. Your plan should be clearly explained and your solution proposed on the large posters provided. You are encouraged to do further research over the weekend to improve your poster content.

Posters should include the following:

1. Identify and Explain the Environmental Concern (Problem)
2. Identified Restoration Technique (Solution)
3. Picture/Sketch/Visual
4. How does it work? (Diagrams work well!)
5. Advantage(s)
6. Disadvantage(s)

Gallery Viewing Scoring Guide

Which restoration effort should be supported by the Naugatuck River Revival Group? Score each effort based on the guide below. The group with the most points will move forward presenting their plan to the Naugatuck Town Council. Score 1-5 [5 strong, 1 weak]

Topic: _____

Component of Project	Score 1-5	Comments
Discussion of Problem What is the problem and how does it affect the quality of water?		
Identified Restoration Technique How does it work? Solution clearly explained and is logical.		
Picture/Sketch/Visual Image is related and helps in the understanding of the problem and/or solution		
Advantage Evidence/reasoning supports the solution		
Disadvantage Evidence/reasoning shows flaws in solution		
Total Number of Points	/25	