



NAME _____ DATE _____

The four case studies you've explored are based on real communities that faced environmental justice issues. Here's how these communities worked to address these issues. What additional solutions would you suggest?

TRACED TO WASTE

This scenario is based on a real situation in the South Bronx neighborhood of New York City. Through an organization called Sustainable South Bronx, residents are working to promote green jobs and create more green spaces to make their community a healthier place. Some of their efforts include:

- Planning a network of waterfront and on-street bike paths that also supports local businesses.
- Starting a job training program that teaches skills to restore the environment, like safe clean-up of contaminated land, caring for urban trees, and green-roof installation.
- Developing an eco-industrial center for businesses that process and use recyclable materials as raw materials.
- Educating people about the connection between the industrial facilities in the neighborhood and the health issues that residents face.
- Working to reduce the amount of garbage the city produces.

What additional solutions do you suggest? _____

TREES, PLEASE

This scenario is based on a real situation in the Oak Cliff neighborhood of Dallas, Texas. An organization called Cool and Connected Oak Cliff used GIS technology to discover that the neighborhood would benefit from more trees. They worked to solve the problem by:

- Recruiting volunteers to plant more than 500 trees, with a goal of planting 1,000.
- Asking residents for feedback about where to plant the trees.
- Creating "green teams" in the community to water and tend the young trees.
- Hiring interns from local high schools to help care for the trees and monitor their growth.

What additional solutions do you suggest? _____





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THE SHRIMP CONNECTION

This scenario is based on a real situation in a village called Mangunharjo in Indonesia. After facing devastating erosion as the result of mangrove removal, villagers worked to reverse some of the damage by:

- Volunteering to replant mangroves to restore the area. Birds and wild shrimp have already returned.
- Looking for ways to reduce ecological impacts of shrimp farms, including using mangrove trees as natural filters.
- Protecting the local fishing industry by making sure that all shrimp pond water entering the sea is filtered first.

What additional solutions do you suggest? _____



MOUNTAINTOP REMOVAL

This scenario is based on a real situation in the Appalachian region of the United States. Although many residents still support mountaintop removal mining and the practice continues, some local community groups have fought against it by petitioning the federal government. These groups have been:

- Raising awareness of the effects of mountaintop removal mining through a bi-monthly newspaper (The Appalachian Voice) in affected communities of North Carolina, Virginia, and Tennessee.
- Urging lawmakers to close six power plants in North Carolina that burn coal.
- Creating a partnership of nonprofit organizations working to end mountaintop removal mining across the region.
- Working politically to challenge mountaintop removal mining. In 2016, the federal government ruled to restrict coal companies and require that they monitor the impact on streams and restore damaged waterways.

What additional solutions do you suggest? _____



CAREER CORNER

ENVIRONMENTAL JOURNALISTS collect and analyze facts about topics related to the environment. They dig for information from documents, conduct interviews, and write fact-based stories for podcasts, e-journals, newspapers, radio, or television.

