

## WATER and WATER POLLUTION CASE STUDY ASSIGNMENT:

<http://environment.nationalgeographic.com/environment/freshwater/pollution/>

Info and 3 knowledge quizzes.

Each person has been assigned one body of water to research and explain the water issues associated. Some are current events and some are historical case studies. I just assigned randomly, but if you really want to switch contact the person you want to exchange.

### **Water Questions to Answer Pollution:**

· Look up your assigned water/pollution topic. Research. Create a Case study of water pollution or water depletion using this place as an example. You will have about 2-4 minutes to share your place with the class.

#### **Consider:**

- What was/is the source for the pollution? What was/is the timeline of the incident(s).
- What are the environmental/human health risks associated with it?
- Are there plans to clean it up? What is helping/what is hindering the process?
- Have any clean up strategies already been shown to work?
- Share info with the class. Have at least 3 slides/pictures. 1. Map (where is it located) others can be of your choosing- help illustrate your story.

- 1) Flint Michigan and water
- 2) Fracking and groundwater, Pennsylvania
- 3) Gulf of Mexico Dead zone
- 4) Corpus Christie, TX Dec. 2016
- 5) Tijuana River/San Diego Beach contamination
- 6) Drinking Water Beijing
- 7) Deepwater horizon oil spill
- 8) Cuyahoga River, Ohio (history)
- 9) Arsenic in well water- Bangladesh
- 10) Chesapeake Bay fish die offs
- 11) Pearl River, China
- 12) Newburgh, New York Nov 2016
- 13) Elk River Spill

### **Use/Diversion and water wars Questions**

- Look up your assigned water source. Research. Create a Case study of water depletion/use using this place as an example. You will have about 2-5 minutes to share your place with the class.

- Consider

- What is the source of this water? What is its history?

- Who wants to use it? How are their different needs being met/not met?

- Are there plans or agreements to conserve/share this source? What is helping/what is hindering the process?

- Share info with the class. Have at least 3 slides/pictures. 1. Map (where is it located) others can be of your choosing- help illustrate your story.

13) Aral Sea (History)

14) Florida everglades

15) Owen's Valley and Mono Lake Versus LA

16) Klamath River battle (indigenous, fish, recreation and farmers)

17) Colorado River -4 states in US + Mexico

18) Tigris and Euphrates rivers (Mosol Dam)

19) Jordan River/Gaza Strip ()