

EnSci 36.1

Goals: Debate the benefits of resource extraction over the costs to nearby communities

Plan:

Last Week Tonight: North Dakota (in class)

<https://www.youtube.com/watch?v=jYusNNldesc>

Discussion questions:

- 1) How can this oil drilling activity have long lasting effects on the environment?
- 2) What do you think should be the punishment for companies who pollute or are unsafe?
- 3) If you were governor, how would you balance the short-term gains of oil with the long terms effects on your state? Name at least two rules or regulations you would enact.

Ensci 36.2

Goals: Compare and contrast oil spills (Exxon Valdez and Deepwater Horizon)

Plan:

Demo: oil spills and their effects (polar vs nonpolar solvents)

Discussion: which groups would be most heavily impacted by such oil spills?

Methods to clean it up

- Skimming
- Detergents
- Bio controls?

HW: Based on your research on Exxon Valdez and Deepwater Horizon, which was worse for the environment? Cite specific at least two specific examples to support your argument.