

Strange Days---“Dirty Secrets”

Name: _____

Period _____ **Date** _____

First section: Buried Trouble

- How has the Yucatán Peninsula changed in the last 3 decades?
- What are two ways that tourists and developers threaten the coral reefs?
- How are the coral reefs threatened by seeps?
- What are the “cenotes” in Yucatán?
- How are scientists mapping out the freshwater’s path to the ocean?
- What do scientists ultimately want to accomplish through this mapping?

Second section: Monsters in Our Waters

- What is happening to the Atlantic Striped Bass (Rockfish) in Chesapeake Bay?
- Where do the fish like to spend their summers?
- Why are the fish weakened or stressed making them more susceptible to infection?
- What is causing the dead zones in Chesapeake Bay?
- How many seasonal or persistent dead zones are there around the world?
- What are 3 actions shown in the video that can be taken to prevent these dead zones?

Third: Pollutant Soup

- *This section of the video says that cars spill oil everyday. How much oil is draining into our seas every 8 months because of this?*
- *What is Michelle Hester finding in albatross across the North Pacific and how did she find where it was coming from?*
- What is the North Pacific Gyre and what is Charles More finding there?
- What abnormalities in water animals are Fredrik Vom Saal and Don Tillett finding in America’s water?
- What is the most likely suspected chemical that is causing it?
- What products does this chemical appear in and what happens over time with these products?
- How much plastic is recycled according to the video?