

**Summer Assignment 2009 (100 points @ 5pts/Law)**

Due: Thursday, September 10, 2009

Quiz: Thursday, September 17, 2009

Typed, double-spaced, Times New Roman 12 point font

**Legislation**

- I. Find the information listed below for each of the laws and treaties in the table
  - a. Name of the Legislation, Year Originally Written, Years Law Amended
  - b. Nation or Organization Sponsoring the Legislation
  - c. Description of the purpose of the Law or Treat
  - d. Agency or Group Responsible for Regulation and/or Enforcement

Laws and Treaties	
1) Antarctic Conservation Act, 1978	12) The Food Quality Production Act of 1996
2) Clean Air Acts	13) Surface Mining Control and Reclamation Act
3) Comprehensive Environmental Response, Compensation Liability Act (CERCLA)	14) The Emergency Planning & Community Right-to-Know Act (EPCRA)
4) Kyoto Protocol	15) The Occupational Safety and Health Act (OSHA)
5) Montreal Protocol	16) The Oil Pollution Act of 1990
6) Convention on International Trade in Endangered Species (CITES)	17) The Resource Conservation and Recovery Act (RCRA)
7) Endangered Species Act	18) US Clean Water Act (CWA)
8) Energy Policy Act	19) The Safe Drinking Water Act (SDWA)
9) Atomic Energy Act	20) The Ocean Dumping Act
10) Federal Food, Drug, and Cosmetic Act (FFDCA)	
11) Toxic Substances Control Act	

**II. Sample Legislation Entry:**

**The Nuclear Policy Act, 1982**

Administered by The US Department of Energy and Environmental Protection Agency & The Nuclear Regulatory Commission

Amended: March, 004

This law was established to identify a site in the United States to permanently store the high level radioactive waste from the nuclear power plants and from federal defense programs. The creator of the waste will pay all the costs of the disposal. Presently, Yucca Mountain in Nevada is the most feasible site for an underground storage facility.

Environmentally, disposal of high level nuclear waste is a concern because of the long period of time required for the waste to become non-toxic. Also, underground storage, while the most feasible at present, poses a threat to future communities. Underground storage sites are susceptible to leaks and future volcanic and seismic activity.

A single storage site in the western US requires transportation of highly radioactive material from the entire US to the appointed site. This poses a threat of contamination to all communities along the transportation routes.

**APES ScrAPESbook (100 points @ 10pts per article)**

Due: Friday September 11, 2009

1. Find 10 large newspaper articles related to Environmental Science (1 each week). Articles MAY NOT be from magazines. Articles should be the original not a photocopy. You may use The New York Times Online Edition as your ONLY web source. Each Tuesday, the New York Times publishes a science section. (www.nytimes.com)
2. Summarize each article using at least 100 words. The article should be NEATLY cut out and taped, glued, or displayed with the summary facing its article. Summaries may be handwritten or typed.
3. Include a TABLE OF CONTENTS in which you number the articles and list the title, source, and date of each article. (See sample below.)
4. The newspaper articles that you select must have some “substance” and must have a clear connection to Environmental Science

<b><u>Title</u></b>	<b><u>Source</u></b>	<b><u>Date</u></b>	<b><u>Page</u></b>
Big Oil Warms to Ethanol and Biofuel Companies	nytimes.com	May 26, 2009	XXX

Have a fun and relaxing summer!!

Mrs. Buck