**AP Environmental Science**

**Key Vocabulary to Know**

**Unit 7: Textbook Chapters 16-19**

**Nuclear and Chemical Waste Energy**

Nuclear Waste Policy Act Pros and Cons of Crude Oil Cogeneration

Low Level Radiation Act Pros and Cons of Natural Gas Pros and Cons of Nuclear Energy

Price Anderson Act Strip Mining Nuclear Fission

CERCLA Creation of Natural Gas Breeder Reactors

Energy Tax Act Creation of Oil/Petroleum Nuclear Fusion

Cost-Benefit Analysis ANWR Yucca Mountain

 Primary vs. Secondary Oil Extraction Biopower

 R/P Ratio Methane Hydrate

 Hubbert’s Peak Pros and Cons of Hydroelectricity

 “Peak Oil” Run-of-river Approach

 Tar Sands Passive vs. Active Solar Energy

 Oil Shale PV Cell (Photovoltaic Cell)

 Methane Hydrate OTEC

 OPEC Acid Drainage

 Pros and Cons of Biomass Energy

**AP Environmental Science**

**Key Vocabulary to Know**

**Unit 8: Textbook Chapters 27-30**

**Waste Management & Environmental Health**

Recycling Loop PBDE

Industrial Ecology Endocrine Disruptor

Incineration of Waste Biomagnification

Source Reduction DDT

Surface Impoundment Carcinogens

Leachate Teratogens

Brownfields Bioaccumulation

E-waste Dose-Response Curve

Waste to Energy LD-50

4 Main Types of Waste Acute vs. Chronic Exposure

Physical Hazards Precautionary Principle (risk management)

Biological Hazards Radioactive Half-Life

Chemical Hazards

Cultural Hazards

Bisphenol A