

## Chapter 12 Section 2 Notes

Years of research have linked air pollution to lung diseases

### **Short-Term effects of air pollution** on health

headache, eye irritation, coughing, nausea, and bronchitis

### **Long-Term health effects of air pollution**

emphysema, lung cancer, and heart disease

**Indoor Air Pollution** – sources include plastics, carpets, cleaning fluids, radon, and asbestos  
sick-building syndrome can occur in tightly sealed buildings

- potential causes of sick-building syndrome are bacteria and fungi
- can lead to allergic reactions to fungi and mold
- can be corrected by removing the sources of indoor air pollution, improving ventilation, and cleaning air ducts

Radon gas – a natural indoor air pollutant

uranium-bearing rocks underneath a house can be a source of radon

Asbestos – is an air pollutant that scars the lungs; it can lead to difficulty breathing and heart failure

**Noise Pollution** – causes stress, high blood pressure, and hearing loss/deafness

**Light Pollution** – leads to energy waste

solutions include shielding, directing light downward, time controls, and low-pressure sodium sources