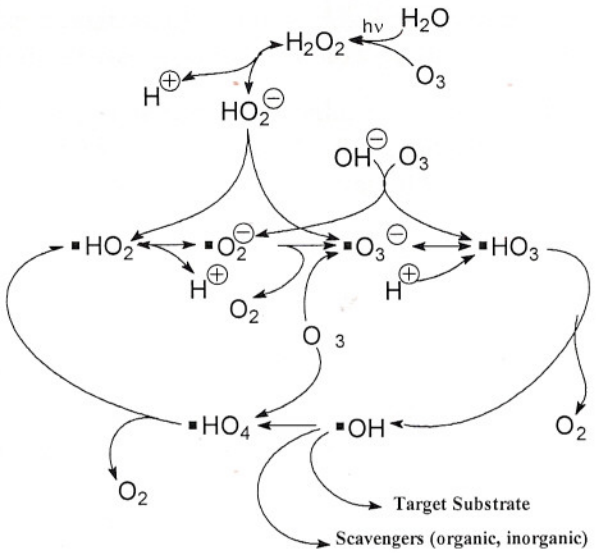

Figure 4. Autodecomposition cycle for ozone.

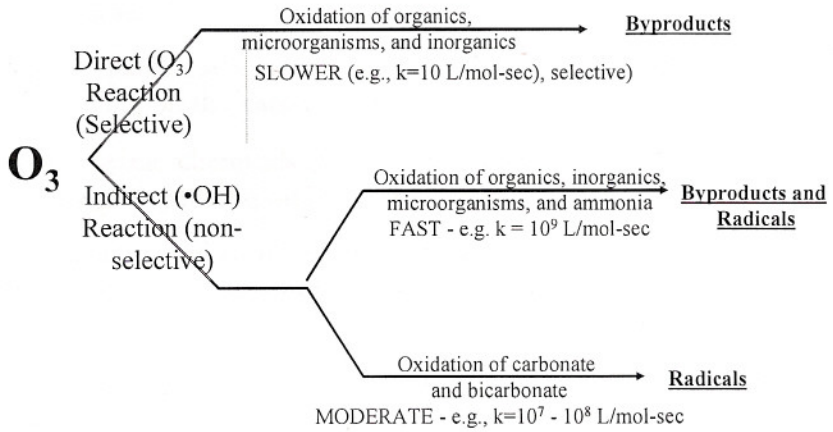

Figure 5. Diagram showing direct (top) and indirect (bottom) reaction of ozone.

What are key process parameters that effect the ozone chemistry? This is a complex subject, but I will put forth some key factors to consider. Important process parameters that effect ozone chemistry include:

- pH – pH has several effects. First, pH affects whether direct or indirect reactions of ozone will dominate. Second, pH effects the form (protonated or unprotonated) of the wide variety of compounds in solution (e.g., soil constituents, etc.) and hence their properties.