Applications for Ozone

Aquaculture
Ozone can play an important role in the prevention and elimination of fish diseases in aquaculture systems.

Color Removal
Color molecules break down quickly when they come into contact with ozone. This can be applied to effluent from dye works, mills and textile factories.

Industrial Effluent
Effluent wastewater from an industrial facility may carry a broad and variable range of contaminants, including BOD, COD, color, phenols, cyanides, sanitary waste and a host of complex chemicals.

Poultry Chill Water
Treatment of recycled poultry chill water with ozone achieved reductions in excess of 99% for total aerobes, E Coli and presumptive coliforms.

Food Processing
Ozone can be used to sanitize work surfaces. It is a superior sanitizer and it does not leave a chemical residue.

Meat
Ozone can be used to reduce bacteria on the surface of fish, beef, pork, poultry, and lamb during the packing process.

Produce
Ozone is very effective at killing bacteria, mold and mildew on the surface of produce.

Laundry
Ozonated water can be used to feed commercial washing machines. The operating cost can be reduced by 25% by eliminating the need for bleach and hot water and by reducing the amount of soap.

Animal Watering
Treating the well water used to water farm animals will reduce illness, lower mortality rate, improve food conversion and milk production.

Farms
Ozonated water can be used to wash down barn floors to reduce E.coli. It can be used to sanitize water troughs and feed hoppers. It is also effective at sanitizing drip watering systems for poultry farms. Finally, some crops can benefit from irrigating with ozonated water.

Wineries
Wineries can use ozone to sanitize their pipes and process equipment. Ozone can also be used to eliminate the biofilm in aging barrels.

Transportation
Ozone can be used to wash out trucks and cargo boxes to reduce the chances of cross contaminating a load of food from the previous load.

Hydroponics
Ozone can be used in irrigation troughs in hydroponics greenhouses to improve the health and output of the plants.