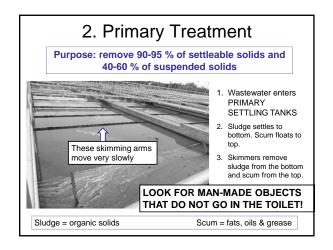
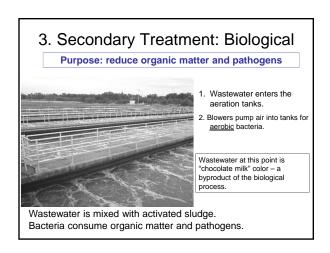
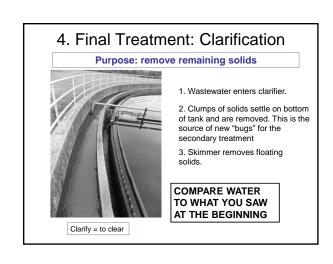
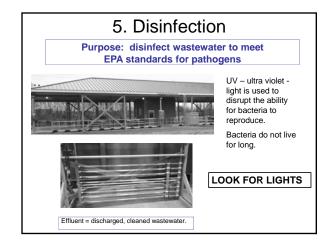
# Whites Creek Wastewater Treatment Plant

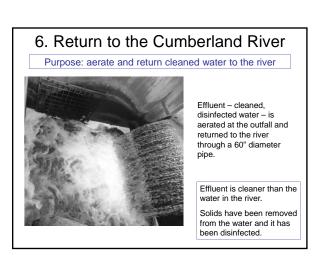












# 7. Solids Processing

Pumped to Biosolids Facility



# 8. Solids: Digestion, Drying

- Solids are digested by anaerobic bacteria.
- Methane gas is produced and captured in domes.
- Gas is used to power dryers and heaters.



## 9. Beneficial Reuse

- Biosolids pellets produced
- Sterile (heated to 200° F)
- · Soil amendment



# 10. Community Impact

#### **Before Biosolids**

- Wet sludge = ODOR
- Landfills did not want to accept (odor!)
- 20 tractor truck loads per day leaving Nashville



### After Biosolids

- · Sterile, odorless
- No landfilling
- · 4 truck loads/day

