

Wastewater Characteristic Post Anaerobic Treatment

A Study on the Digestibility of UF
Reclamations Facility

Raw Wastewaters and Biosolids

What is Wastewater

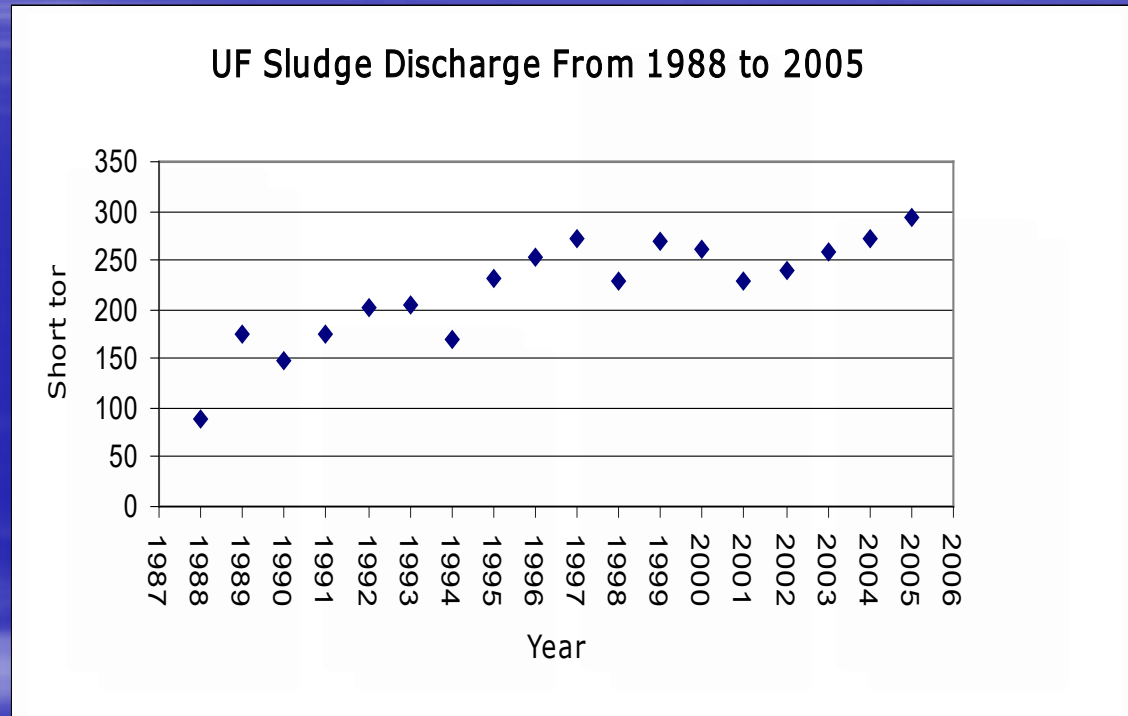
- Anything that goes down the drain
 - Dwellings
 - Business Buildings
 - Institutions
- Does NOT Include Stormwater
 - No rainwater
 - No agricultural runoff

What is Done Now?

- UF Reclamations Facility
 - Removes BOD, TSS, pH, N, and P
- Discharges to:
 - Lake Alice
 - Water for landscaping sprinklers
- Waste Sludge
 - Taken off site and digested aerobically in one of GRU facilities

Why Anaerobic Digestion

- Gas Production
- Reduce Sludge
- Economics
- Sustainability



Compiled from UF Solid Waste Disposal Summary

Proposal

- Characterize raw wastewater & sludge
 - BOD, TSS, pH, ect.
- Determine parameter reduction
- Record gas production