



- ⑦ **Biosolids Buildings** - these buildings house the equipment used to process the sludge generated in the wastewater treatment plant into a Class A biosolid material. The centrifuge building houses three centrifuges which are used to dewater the digester sludge from approximately 2% solids to approximately 23% solids. This dewatered sludge can either be augered out to a semi-trailer for disposal in a landfill or augered into the lime stabilization building. The dewatered sludge that is sent to the lime stabilization building where it is mixed with lime kiln dust. The lime kiln dust added to the dewatered sludge creates an exothermic reaction (generates heat), this process generates enough heat to raise the biosolids temperature to over 126 degrees Fahrenheit and also dries the biosolids to over 50 percent dryness. This process meets the EPA requirements for a Class A biosolid material. The processes biosolid material is stored inside this building for at least 72 hours before being hauled out.