



Alabama
Power

4. CLARIFICATION
Particles are removed through clarification. This is a mechanical system that slows the water and enables settling of particles.

3. FLOCCULENT ADDITION
Chemicals are added, helping particles group together to improve treatment performance.

2. pH ADJUSTMENT
pH adjustment is performed to neutralize the incoming wastewater and facilitate improved treatment.

1. EQUALIZATION
Flow equalization is performed to control water volume being sent to the treatment system. This allows for consistent and efficient system operation.

5. FILTRATION
Final polishing step on a site-by-site basis, as needed, to further reduce particles.

6. MONITORING
Continuous monitoring is performed to ensure that the discharge is protective of public health and the environment.

7. QUALITY CONTROL
Any water not meeting the required standards is recycled back for additional treatment.

ASH POND

ASH POND DEWATERING

This diagram outlines the wastewater treatment process being implemented at Alabama Power facilities. These systems provide enhanced treatment of wastewater during the dewatering process.