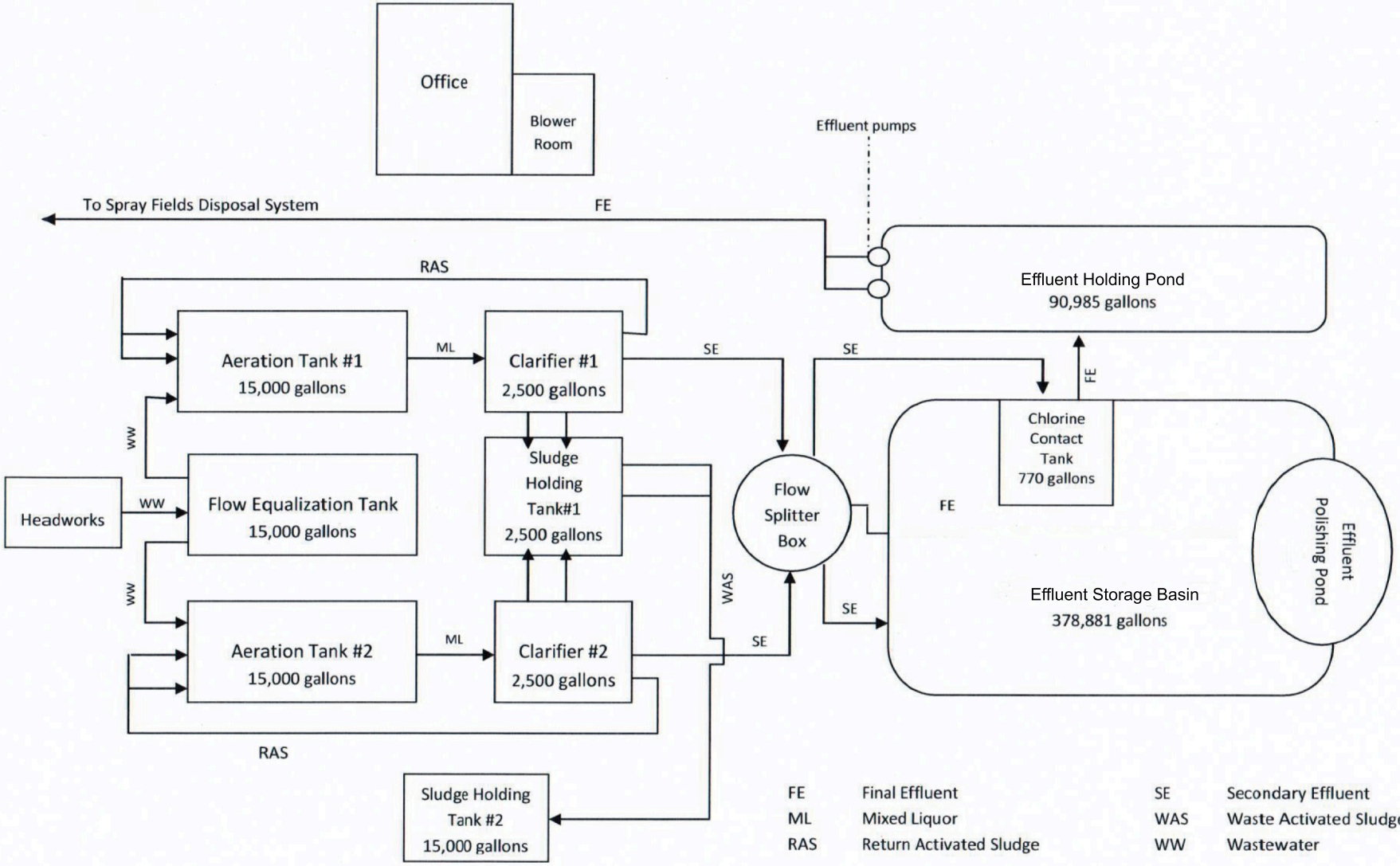**Figure 3: Existing Process Schematic**