

Sessil[®] Trickling Filter

Reser's Fine Foods - Halifax, NC



Sessil Trickling Filter Information

Media: Sessil 150 with 45 ft²/ft³ surface area

Dimensions: 50 ft diameter x 20 ft bed depth, 43,500 ft³

Design Conditions:

Flow: 200,000 gpd

Influent BOD: 2,600 mg/l

Soluble BOD Removal: 80%

Upstream equipment:

Screening, Equalization tank, DAF, pH control, nutrient addition

Downstream equipment:

Clarifier

Year Built: 2001

Wastewater Type: Food Processing (Coleslaw, Potato Salad, etc.)