

# Sessil Trickling Filter

## Cott Beverages, Wilson, NC



### ***Sessil Trickling Filter Information***

**Media:** Sessil 150 with 45 ft<sup>2</sup>/ft<sup>3</sup> surface area

**Dimensions:** 30 ft diameter x 20 ft bed depth, 14,150 ft<sup>3</sup>

**Design Conditions:**

Flow: 50,000 gpd

Influent BOD: 6,000 mg/l

% BOD Removal: 70%

**Upstream equipment:**

Copasac screening system, Equalization tank, pH control, nutrient addition.

**Downstream equipment:**

Package activated sludge plant with internal clarifier and aerobic sludge digestion.

**Year Built:** 1996