GREASE REMOVAL DEVICE
SIZING WORKSHEET
Office of the City Engineer

City of
TUSCALOOSA
INFRASTRUCTURE & PUBLIC SERVICES

PROJECT INFORMATION

Project Name: _____

Property Address: _____

Date: _____

Food Service Establishment (FSE)
FOG PRODUCTION CLASSIFICATION

_____

Fog Facility Plan Professional

_____
Engineer or Architect Signature

Worksheet A. Grease Removal Device (GRD) Sizing
Note: See City of Tuscaloosa FOG Management Plan Manual (April 2014), Appenidx G for additional detail on GRD sizing.

(A) DINE-IN RESTAURANTS / PUBLIC SCHOOLS

_____ SEATING CAPACITY

_____ TURNOVER PERIOD (Use 2.5 for Dine-in Restaurant, # periods/feeding for public schools)

_____ NUMBER OF FEEDINGS (Breakfast, Lunch, Dinner)

_____ FATS, OILS GREASE PRODUCTION CLASSIFICATION
        NORMAL-(HIGH TO MODERATE VOLUME RESTAURANTS)
        MODERATE – (LOW VOLUME UPSCALE RESTAURANTS)
        LIGHT – (LIGHT GREASE PRODUCERS SUCH AS SANDWICH SHOPS, SMOOTHIE BARS, SINGLE SERVICE)

_____ **GRD SIZE**

(B) FAST FOOD TAKEOUT RESTAURANTS, CONVEINANCE STORES

_____ CUSTOMERS PER DAY X 1 GALLON PER CUSTOMER

_____ **GRD SIZE**

(C) SCHOOLS (EXCLUDING PUBLIC SCHOOLS), DAY CARES, FRATERNITIES, SORORITIES, GROUP HOMES, DINING HALLS

_____ MEALS PER DAY X 5 GALLONS PER MEAL

_____ **GRD SIZE**

(D) OTHER FSEs

_____ WATER USE AVERAGE X 25% IN GALLONS PER DAY (PROVIDE WATER USE DOCUMENTATION)

_____ **GRD SIZE**

Worksheet B. Interior Grease Trap Sizing
Note: If GRD Sizing from Worksheet A results in a GRD size less than 500 gallons a interior grease trap can be specified by a minimum flow through capacity per the calculation below. For any calculated minimum flow-through capacity of less than 35 GPM, a grease trap with a minimum flow rate of 35 GPM will be required.

_____ GRD SIZE (Worksheet A) / Standard Retention Time (typically 12 minutes)

_____ **GPM Flow Rate of Interior Grease Trap**