



**Warwick Sewer Authority  
Office of Industrial Pretreatment  
125 Arthur W. Devine Blvd., Suite B  
Warwick, RI 02886**

**WARWICK SEWER AUTHORITY - PRETREATMENT PROGRAM  
INTERCEPTOR SIZING**

**Article 6, Section 6.3.2 (c)**

**Grease, oil and/or solids interceptors shall be provided when, in the opinion of the Authority, they are necessary for the proper handling of wastewater containing excessive amounts of grease, oil and/or solids. All interception units shall be of type and capacity authorized by the Authority and shall be located to be easily accessible for cleaning and inspection. Such interceptors shall be inspected, cleaned and repaired regularly, as needed, by the User at their expense.**

**REQUIREMENTS:**

- Food Service Establishments (FSE's) with 50 or more seats are required to install an external grease interceptor with an inspection manhole meeting WSA standards.
- For FSE's having 50% or more takeout and others without seating (e.g. caterers), the interceptor size will be determined by the Pretreatment Program.
- **HYDROMECHANICAL INTECEPTOR (WSA PREFERRED INTERECEPTOR)**
  - Manufacturer sizing methods are strongly recommended. Attach manufacturer sizing form with recommended model number.
  - **Manufacturer requirements for H-20 loading must be used when needed (e.g. parking lot)**
- **CONCRETE INTERCEPTOR (WSA APPROVED ALTERNATIVE)**
  - Minimum interceptor size is 1,000 gallons.
  - Interceptors must meet Sewer Authority specifications. (see detail)
  - Zabel filters are not required but welcomed when installed and maintained according to manufacturer instructions.
  - In lieu of one large interceptor, two smaller interceptors meeting the required capacity may be installed in series.

**Concrete Interceptor Sizing method:**

Maximum number of seats X 15 = Interceptor Size (liquid capacity in gallons)

\_\_\_\_\_ X 15 = \_\_\_\_\_ gallons

Engineer recommended size to install: \_\_\_\_\_

Facility Name: \_\_\_\_\_

Facility Address: \_\_\_\_\_

Date: \_\_\_\_\_

Engineer: \_\_\_\_\_

Stamp