**Sizing a Grease Interceptor Worksheet**

**New or Replacement**

**Site Location: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**1.** **Measure your sinks.** Calculate the capacity of the sink in cubic inches by multiplying length by width by depth. If you have multiple compartments or sinks, add the capacity of sinks together to find total cubic inches:
\_\_\_\_\_ x \_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_\_\_ Cubic Inches x \_\_\_\_\_\_\_Number Sink Bowls = Total Cubic Inches\_\_\_\_\_\_\_
Length x Width x Depth

**2.** **Convert the capacity** from total cubic inches to gallons per minute (GPM) by dividing by 231:
\_\_\_\_\_\_\_ Total Cubic Inches ÷ 231 = \_\_\_\_\_\_\_ GPM

**3.)** **Adjust for displacement** (displacement takes into consideration the actual usable capacity of your sink):
\_\_\_\_\_\_\_ GPM x 0.75 = \_\_\_\_\_\_\_ GPM Actual Drainage Load for sinks

**4).** **Add any additional appliances (optional) SKIP IF ONLY ONE FIXTURE**
Note:  Dishwashers can be connected to a Grease Trap only if allowed by local code.  Each dishwasher will require a separate Grease Trap.  For floor drains and floor sinks take the volume of water produced by the number of hose bibs (i.e., 1.5 - 2.0 GPM per 3/4-inch faucet).
\_\_\_\_\_\_\_\_\_\_\_\_ + \_\_\_\_\_\_\_\_\_\_\_
Actual Drainage Load for sinks + Other Appliances and sinks

**5.)** **Determine the flow rate** and drainage period.  Drainage period is the actual time it takes to completely drain the fixture.
\_\_\_\_\_\_\_ GPM ÷ 2 min drainage period = \_\_\_\_\_\_\_\_\_ GPM Total Actual Drainage Load

**GPM Total \_\_\_\_\_\_\_\_\_**

**Capacity lbs. \_\_\_\_\_\_\_\_\_ (check chart)**

**Manufacture: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Model: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

*Additional Information and PDI booklet (instruction, installation, maintenance) can be found at* [*www.pdionline.org/about-pdi*](http://www.pdionline.org/about-pdi)



*Table From 2017 OPC/2015 IP*

***Draw a diagram of sink and grease interceptor location on back of this paper***