

Waste Discharge Assessment Form

Wastewater Treatment for Food Service Establishments

Submit this form and necessary attachments to the CRD for approval prior to grease interceptor purchase and installation.

EMAIL: sourcecontrol@crd.bc.ca

MAIL: CRD Regional Source Control Program
625 Fisgard Street, PO Box 1000
Victoria, BC V8W 2S6

For businesses other than food service establishments,
please fill out the Waste Discharge Assessment Form
for Other Businesses

FACILITY INFO	New Business ☐ New Location ☐ New Ownership ☐ Renovation/Replacement ☐			
DATE OF FORM COMPLETION:		TARGET INSTALLATION DATE:		
FOOD SERVICES NAME & LOCATION	Facility Name _____			
	Facility Location _____			
	Municipality _____ Postal Code _____ Phone _____			
	Facility Mailing Address – same as facility ☐ or: _____			
	Chain ☐ Franchise ☐ Private Owner ☐			
FOOD SERVICES OWNER/ MAIN CONTACT	Contact Name _____ Position _____			
	Phone _____ Email _____			
ENGINEER, PLUMBER OR CONTRACTOR	Contact Name _____ Position _____			
	Phone _____ Email _____			

Operators of a food service operation must install a grease interceptor (GI) downstream of any fixtures that discharge wastewater containing fats, oils, and grease (FOG) to the sewer. This includes, but is not limited to:

- sinks
- drains serving cooking equipment (e.g. wok stations, soup kettles)
- dishwashers
- other fixtures (please refer to Bylaw No. 2922)

For further information on grease interceptor requirements under Bylaw No. 2922, Schedule 'I', Code of Practice for Food Services Operations:

- visit our website www.crd.ca/food
- call 250.360.3256
- email sourcecontrol@crd.bc.ca

FREEDOM OF INFORMATION AND PROTECTION OF PRIVACY

Personal information contained on this form will only be used for the purpose of reporting and processing this waste discharge assessment form.
Enquiries about the collection or use of information on this form can be directed to the Manager, Information Services at 250.360.3639.

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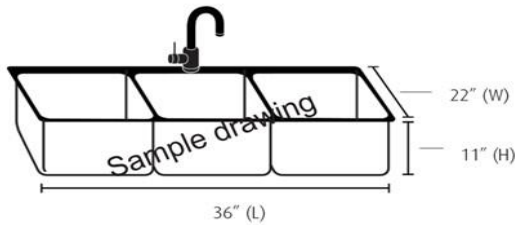
Grease Interceptor Sizing Requirements

Calculating Size (Flow Rate) for a Grease Interceptor (GI):

Calculate the flow rate into the GI by adding together the flow rates from each of the fixtures identified below.

- Sinks require a calculation to determine their flow rate: determine volume, convert to gallons and assign a drain time of one minute as follows:
 - Pre-rinse or wash sink:** calculate the volume using 100% of the total sink volume **OR** assign a flow rate of 50 gpm (whichever is bigger)
 - Additional sinks:** calculate the volume of each additional sink using 75% of the total sink volume

Example of a sink volume calculation:



Step 1: Measure sink dimensions to top rim of sink

$$36'' \times 22'' \times 11'' = 8,172 \text{ cubic inches}$$

Step 2: Convert to gallons (divide result by 231)

$$8,172 \div 231 = 35.37 \text{ US gallons}$$

Step 3: Assign a one (1) minute drain time = 35.37 gpm

Please provide the dimensions (in inches) or flow rate of ALL grease bearing fixtures in the space provided below, or attach as a separate table. Submit all applicable drawings and tables to the CRD.

Fixture	Example of fixture(s) or description	Dimensions (inches)	Flow Rate US gallons per minute (gpm)
Pre-rinse or wash sink	Pre-rinse OR 3-compartment sink	____(L) x ____ (W) x ____ (H)	(minimum 50 gpm)
Sink 2	Additional sink (eg. barista sink)	____(L) x ____ (W) x ____ (H) x 0.75	
Sink 3	Additional sink (eg. defrosting or prep sink)	____(L) x ____ (W) x ____ (H) x 0.75	
Dishwasher	Assign 5 gpm OR manufacturers max flow rate	Flow Rate =	
Drain(s)	Floor drains, hub drains, etc. (non-simultaneous flow)	Number =	N/A
Other			
TOTAL:			
GI make, model & size (Flow Rate must be greater than or equal to Total)			
GI make:		GI model:	GI size (gpm):

Additional Installation Requirements:

- ☐ Only use CSA-certified grease interceptors
- ☐ **Ensure access:** install in a location that is easy to access for inspection, maintenance, repair and cleaning
 - Do NOT install GI with the lid more than 3 meters (10 feet) above the ground unless safe access is provided
 - Do NOT install GI in a confined space
- ☐ If more than 1 grease interceptor please add additional pages to this application