

# Minden-Gardnerville Sanitation District

Project:	Calculated By:	Date:	
Address:	Company:		
Instructions:			
The following formula is the Grease Interceptor Sizing Formula as defined by per the Uniform Plumbing Code-Appendix H. Follow the steps to determine grease interceptor size.			
<b>Number of Meals Per Hours</b>	x	<b>Waste Flow Rate</b>	x
<b>Retention Time</b>	x	<b>Storage Factor</b>	=
<b>Interceptor size</b>			
<input style="width: 100px; height: 30px;" type="text"/>		<input style="width: 100px; height: 30px;" type="text"/>	<input style="width: 100px; height: 30px;" type="text"/>
<b>Step #1</b>		<b>Step #2</b>	<b>Step #3</b>
		<b>Step #4</b>	<b>Step #5</b>
<b>Step #6</b> Recommended Minimum Size Grease Interceptor.			<input style="width: 100px; height: 30px;" type="text"/>
Number of Meals Per Peak Hour Recommended Formula:			Notes:
<b>1.</b>	Seating Capacity Enter Seating	x Meal Factor	= Number of Meals Per Peak Hour
	<input style="width: 100px; height: 30px;" type="text"/>	<input style="width: 100px; height: 30px;" type="text"/>	<input style="width: 100px; height: 30px;" type="text"/>
	<u>Establishment Type</u>	<u>Meal Factor</u>	
	Fast Food	1.33	
	Restaurant	1.00	
	Leisure Dining	0.67	
	Dinner Club	0.5	
<b>2.</b>	<b>Waste Flow Rate</b> Condition: O a. With a Dishwashing Machine O b. Without a Dishwashing Machine O c. Single Service Kitchen	Flow Rate 6 Gallon Flow 5 Gallon Flow 2 Gallon Flow	Notes:
<b>3.</b>	<b>Retention Time</b> O Commercial Kitchen Waste Dishwasher 2.5 Hours O Single Service Kitchen Single Serving 1.5 Hours		Notes:
<b>4.</b>	<b>Storage Factor</b> Kitchen Type a. Fully Equipped Commercial Kitchen Hours of Operation 0 8 Hours 0 12 Hours 0 16 Hours 0 24 Hours 0 b. Single Service Kitchen	Storage Factor   1 1.5 2 3 1.5	Notes:
<b>5.</b>	<b>Calculate Liquid Capacity</b> Multiply the values obtained from steps #1, #2, #3 and #4. The result is the approximate grease interceptor size for this application		Notes:
<b>6.</b>	<b>Select Grease Interceptor</b> Using the approximate required liquid capacity from step #5. Select an appropriate size as recommended by the manufacturer. MGSD requires a 750 gallon minimum size.		Notes:

## GREASE INTERCEPTOR SIZING WORKSHEET DETAIL K(b)