

## APPENDIX A: GREASE INTERCEPTOR SIZING WORKSHEET

<b>Company</b>		<b>Calculated by</b>		<b>Date</b>	
<b>Project</b>		<b>Location</b>		<b>Permit Number</b>	
Follow the six steps below to determine grease interceptor size. Enter calculations here.					
No of Meals per Peak Hours	Waste Flow Rate	Retention Time	Storage Factor	Calculated Interceptor Size	Grease Interceptor
<div style="border: 1px solid black; width: 80px; height: 60px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 80px; height: 60px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 80px; height: 60px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 80px; height: 60px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 80px; height: 60px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 80px; height: 60px; margin: 0 auto;"></div>
Step 1	Step 2	Step 3	Step 4	Step 5	Step 6
<b>1</b>	<b>Number of Meals per Peak Hour (Recommended Formula):</b> Seating Capacity      Meal Factor      Meals per Peak Hour <div style="display: flex; align-items: center; justify-content: center; gap: 10px;"> <div style="border: 1px solid black; width: 60px; height: 30px;"></div> <span>x</span> <div style="border: 1px solid black; width: 60px; height: 30px;"></div> <span>=</span> <div style="border: 1px solid black; width: 60px; height: 30px;"></div> </div>			<b>Notes:</b>  	
	<b>Establishment Type:</b> Fast Food (45 min)      1.33 Restaurant (60 min)      1.00 Leisure Dining (90 min)      0.67 Dinner Club (120 min)      0.50				
<b>2</b>	<b>Waste Flow Rate:</b> <b>Condition</b> <b>Flow Rate</b> With a Dishwashing Machine      6 gallons Without a Dishwashing Machine      5 gallons Single Service Kitchen      2 gallons Food Waste Disposer Only      1 gallon			<b>Notes:</b>  	
<b>3</b>	<b>Retention Time</b> Commercial Kitchen Waste      2.5 hours Single Service Kitchen      1.5 hours			<b>Notes:</b>  	
<b>4</b>	<b>Storage Factor</b> <b>Kitchen Type</b> <b>Storage Factor</b> Fully Equipped Commercial Hours of Operation 8 hours      1.00 12 hours      1.50 16 hours      2.00 24 hours      3.00 Single Service      1.50			<b>Notes:</b>  	
<b>5</b>	<b>Calculated Liquid Capacity</b> Multiply the values obtained from step 1, 2, 3, and 4. The result is the approximate grease interceptor size for this application.			<b>Notes:</b>  	
<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.			<b>Notes:</b>  	