

PORT WASHINGTON WATER POLLUTION CONTROL DISTRICT



70 HARBOR ROAD
PORT WASHINGTON, NY 11050

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GREASE TRAP WORKSHEET

The Formula

Step One Finding the Store's Flow Rate							
Meals Per Peak Hour ^(a)	Waste Flow Rate	Retention Time	Storage Factor	Hours of Operation	GPH	Stores GPM	
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
$\times \times \times \div$					=	\div	
Step Two Finding the Fixtures Capacity						^(b) GPM \div 2.0 Factor	
Total ^(c) Capacities'	To find the capacity of each fixture, you multiply the Height, by the Width, by the Depth, then by the number of bays that sink has. Add them all together to find the Total Capacity of all the fixtures					<input type="text"/>	
Step Three Finding the Fixtures' Flow Rate							
Capacity ^(c)	²³¹ <input type="text"/>	^{75%} <input type="text"/>	$\div \times$				<input type="text"/>
Step Four Finding the Grease Interceptor Size							
^(d) <input type="text"/>	Max. GPM	GPM ^(b) \div 2.0	Interceptors GPM	Interceptors Lbs	^{10 or 20%} \times	Buffer for Holidays	
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
$\div \times = \times$					\times		
Number of Meals Per Peak Hour							
Seating Capacity	Meal Factor	Meals Per Peak Hour ^(a)					
<input type="text"/>	<input type="text"/>	<input type="text"/>					
Establishment Type:							
Fast Food (With seating 20 or less)	Meal Factor						
Deli (Most service is off the street)	1.33						
Restaurant (All other places)	1.00						
Waste Flow Rate:							
With Dishwasher					Flow Rate		
Without Dishwasher					5 Gal/Hr		
					6 Gal/Hr		
Retention Time:							
With Dishwasher			Time				
Without Dishwasher			2.0 Hours				
			2.5 Hours				
Storage Factor:							
With Dishwasher					2.5 Gal/Hr		
Without Dishwasher					3.0 Gal/Hr		