



**Example 1**

**Method: Uniform Plumbing Code (UPC) 2003**

Number of meals per peak	X	Waste flow rate	X	Retention time	X	Storage factor
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<b>Waste Flow Rate:</b>						
with dishwasher (DW)						6 gallons
without dishwasher						5 gallons
single service kitchen						2 gallons
garbage disposal (GD)						1 gallon
<b>Retention Times</b>						
Commercial Kitchen (w/ or w/o dishwasher)						2.5 hours
single service kitchen						1.5 hours
<b>Storage Factors</b>						
Commercial Kitchen (8 hours)						1
Commercial Kitchen (16 hours)						2
Commercial Kitchen (24 hours)						3
single service kitchen						1.5

Number of meals per peak hour	300
Waste flow rate for a commercial kitchen w/out DW, w/ a GD	6
Retention Time for a commercial kitchen	2.5
Storage Factor for 1-8 hour commercial kitchen	1

<b>Volume</b>	<b>4500</b>
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