

# HOLDING TANKS: CLEANING FREQUENCY GUIDELINES

<p><i>Enter the number of occurrences each week:</i></p> <p>Showers (3 min): _____ x _____ gallons = _____ A</p> <p>Showers (10 min): _____ x _____ gallons = _____ B</p> <p>Tub Bath: _____ x _____ gallons = _____ C</p> <p>Dishwashing (Machine): _____ x _____ gallons = _____ D</p> <p>Dishwashing (Hand): _____ x _____ gallons = _____ E</p> <p>Toilet-flushing: _____ x _____ gallons = _____ F</p> <p>Teeth-brushing: _____ x _____ gallons = _____ G</p> <p>Hand-washing: _____ x _____ gallons = _____ H</p> <p>Shaving: _____ x _____ gallons = _____ I</p> <p style="text-align: right;">TOTAL OF A-I = _____</p>	<p><i>Enter water use:</i></p> <p>_____ gallons = _____</p>	<p>The normal operating volume (NOV) is the liquid storage below the "time to pump" alarm level.</p> <p>The NOV should be approximately 75% the holding tank capacity</p> <p>Calculate your NOV:</p> <div style="text-align: center; margin-top: 20px;"> <div style="display: flex; align-items: center; justify-content: center; gap: 10px;"> <div style="border: 1px solid black; width: 80px; height: 30px; display: flex; align-items: center; justify-content: center;"> </div> <span>X 0.75 =</span> <div style="border: 1px solid black; width: 80px; height: 30px; display: flex; align-items: center; justify-content: center;"> </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 5px;"> <span>Holding Tank Capacity</span> <span>Normal Operating Volume (NOV)</span> </div> </div>
--	---	--

Divided by:=

TOTAL OF A-I
NOV
Number of weeks between cleanings

## TYPICAL RANGES OF WATER USE – USE TO GET GALLONS FOR WORKSHEET ABOVE

Action	Typical Use (in gallons)	Conservative Use	Ultra-conservative Use
Toilet-flushing	6 (old standard)	1.5-3 (low-flow)	Composting toilet
Tub Bath	30 (1/2 filled)	15 (1/4 filled)	Sponge bath
Shower – 10 min	50 (5 gal/min)	25 (2.5 gal/min)	3 (camper style)
Shower – 3 min	15 (5 gal/min)	7.5 (2.5 gal/min)	
Laundry – Top loading	50-60 (older models)	40 (newer models)	Laundromat
Laundry – Front loading	33 (older models)	17-28 (newer models)	
Dishwashing - Machine	12-15 (old-reg cycle)	6-9 (new-reg cycle)	
Dishwashing - Hand	16 (faucet rinse)	6 (basin rinse)	
Teethbrushing	2 (faucet running)	1/8 (wet brush, brief rinse)	
Hand-washing	2 (faucet running)	1 (basin; brief rinse)	
Shaving	3-5 (faucet running)	1 (basin; brief rinse)	