

# B7.1 CHLORINE DOSAGE CALCULATOR

[Return to Menu](#)

## 7.1.1 Dosing of Water Flows

Process Description: **Well 4 Chlorinator**

Flow = **350** GPM

Residual = **1.00** PPM

\*Demand = **2.00** PPM

Dose = **3.00** PPM

Solution Type: **Sodium Hypochlorite**

Tank Capacity **500** Gallons

**82.74** Days Storage

Percent Cl<sub>2</sub> by Weight = **25.00%**

Feed = **50.40** PPD  
(or) **6.04** GPD  
(or) **0.25** GPH

Injection Point  
add duty cycle to sheet

OR

**11.90** Days per Cylinder

**Cl<sub>2</sub> GAS**

\*\* Feed = **12.60** PPD

\*\* Feed is the Chlorinator Rotameter Setting

*Note - Specific Gravity of the solutions are not factored in this model. For high accuracy, use the Dosage and Feed Rate Calculator.7.1.2*

## 7.1.2 Dosing of Water Tanks

Tank Name **Big Reservoir**

Tank Water Volume in Gallons = **1,000,000**

Desired Cl<sub>2</sub> Dosage in PPM = **50.00**

Percent Cl<sub>2</sub> by Weight = **5.00%**

Dose = **8,340.00** Pounds  
(or) **1,000.00** Gallons

**Water Tank**