

Chlorine Estimated Usage & Cost FY26

$365 \text{ days} / 11.5 \text{ days avg. usage per ton cylinder} = 32 \text{ tons per year}$

$32 \text{ tons} \times \$2,203.00 \text{ per ton} = \$70,496.00 \text{ per year cost estimated}$

Round up to \$72,000 per year on Purchase Order.

Some additional thoughts & explanation:

The coming year we will have to plan for at least normal flows and storm/turbidity events and demands for disinfection. We are hopefully bringing online a new water source (***French Broad River***) which is known to be a bit more turbid and will have a higher demand for water treatment/disinfection which will require the use of greater levels of chlorine for disinfection purposes and currently we can only speculate as to how it will impact these numbers, we know it will increase them just not sure to what degree as yet. So even though we only actually used 28 tons last year our normal numbers would predict the possibility of 32 tons at least in an average year so, with all this being said I would like to go with our normal number of 32 tons and hope that this will cover our bases. Another factor is depending on how the orders break down because we order in numbers of 4 tons at a time as (4 tons are our minimum order requirement for a delivery).