



**MASTHOPE MOUNTAIN COMMUNITY  
PROPERTY OWNERS COUNCIL**

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Masthope Mountain Community Pool, Lounge area capacity.

The following calculations are done using the PA code for public bathing places. We will use these guidelines even though there is discussion about HOA pools not being considered a public pool. Calculations were compiled by staff in cooperation with the pool contractor.

**Masthope Bather/Patron Calculations:**

Bather load Main pool - 239 – bather load Kiddie pool - 34 – Total bather load 273

Patrons in Pool Area for pool of Masthope size - 1,092 people allowed with recommended 50 sq. Ft./patron of deck space.

Masthope lounging area of 11650 sq. Ft. @ 50 sq. Ft/patron equals 233 people. 233 people added to pool bather load of 273 equals 506 people permitted in the pool area.

Adding the new decking 30' x 65' = 1950 which equates to 39 people, giving a total of 538 people permitted in the pool area. As with the existing deck areas the density will be greater in the new deck.

You will notice that the amount of "lounge" area is nearly 4 times the bather load of the pool. Currently Masthope is nowhere near the lounge area to bather load ratio.

Masthope only monitors the number of guests entering the pool area, due to the multiple means of egress it is not possible to monitor those leaving. What we do know there is approximately 300 total seats existing which is more dense than desirable. The proposed expansion will allow for additional seating which will bring us nowhere near maximum capacity for the area.