Tank Recommendations

Minimum tank size, based on demand	**7,200**
Optimal* tank size	**14,000**
Optimal tank size + 20% buffer	**16,800**
Tank size for 3 Month Drought	**22,000**

*Optimal is based on Shortfall as determined below, plus minimum tank size required not to have a shortfall

Preliminary Tank Size Based Solely on either Demand or Supply

Tank Size Based on Maximum Possible to Capture in Average Rainfall Year:	**16,390**
Tank Size Required Based on 1 Month Outdoor Water Requirements:	**7,200**
Tank Size Required Based on 1 Month Indoor Only Water Requirements:	**-**
Tank Size Required Based on 1 Month Outdoor/Indoor Water Requirements:	**7,200**
Tank Size Required Based on 3 Month Outdoor Only Water Supply:	**21,600**
Tank Size Required Based on 3 Month Indoor Only Water Supply:	**-**
Tank Size Required Based on 3 Month Indoor/Outdoor Water Supply:	**21,600**

	Average Rainfall Maximum Cumulative Harvested	Indoor Water Requirements	Monthly Outdoor Water Requirements	Monthly Total Water Requirements
January	445.4	0	-	-
February	1,158.0	0	-	-
March	2,583.1	0	-	-
April	4,988.1	0	7,200.0	7,200.0
May	7,749.4	0	7,200.0	7,200.0
June	9,263.6	0	7,200.0	7,200.0
July	10,867.0	0	7,200.0	7,200.0
August	12,292.1	0	7,200.0	7,200.0
September	13,539.2	0	7,200.0	7,200.0
October	14,875.3	0	7,200.0	7,200.0
November	15,676.9	0	7,200.0	7,200.0
December	16,389.5	0	-	-

Tank Size Based on Demand and Supply Requirements - Average Rainfall

Calculation Method: **Simple**

Rainfall Harvested	Water Demand	Gallons of Water in Storage	Water Shortfall*