

WELL SITE EVALUATION

LIVESTOCK WATERING PARAMETERS TABLE

The values in this table should only be used to ESTIMATE Well Flow Rate and TOTAL Water Use for a NC CSP water supply well and pump. The Water Use values should not be used to create detailed livestock watering designs. The actual livestock water use may vary based on other parameters.

ANIMAL TYPE	Water Use ^{1,2,3} (gal/head/day)
Beef cattle	15
Beef cow	20
Beef cow/calf pair	30
Goats	2
Horses	8
Milking cow	35
Milking cow/calf pair	45
Dry cow	15
Sheep and lambs	2
Nursery pigs (up to 60 lbs BW)	0.7
Grower Pigs (60-100 lbs BW)	2 - 3
Finishing Pigs (100-250 lbs BW)	3 - 5
Nonpregnant gilts	3
Pregnant sows	3 - 6
Lactating sows	2.5 - 7
Boars	5
	(gal/1,000 birds/day)
Broilers	70 - 85

1. <https://content.ces.ncsu.edu/water-needs-assessment-tool-a-guide-for-technical-specialists>
2. https://projects.ncsu.edu/project/swine_extension/healthyhogs/book1995/almond.htm
3. 2013 J. Appl. Poult. Res. 22 :934–941 <http://dx.doi.org/10.3382/japr.2013-00767>