

6.2 Water Requirements Calculator

Livestock Type	Description	Number of Animals	Water Use Estimates		Livestock Water Use
			Imp Gal /day/animal	Additional Washwater	Imp gal/day/animal
Dairy					
Mature Cows*, including associated livestock	no plate coolers or plate coolers with water reused	1750	54	0%	94500
Mature Cows*, including associated livestock	plate coolers without water reused		82	0%	0
Beef					
N/A					
Pigs					
N/A					
Chicken					
N/A					
Turkey					
N/A					
Horse					
N/A					
Sheep					
N/A					
Livestock Total (Imp Gal/day)					94500.0
Livestock Total (Litres/day)					429597.0
Households**					
		Number of People	Water Use Estimate		Household Water Use
			Imp Gal/day/person		
Persons		10	33		330
Grand Total (Imp Gal/day)					94830.0
Grand Total (Litres/day)					431105.7

* Mature cows means all of the lactating and dry cows.

** Include household consumption when a household is on site.