

6.0 Water Source

Wells are used to provide Greenkey Farms operations with their water needs. Currently there are two wells on the site (Figure 2).

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	360	54	0%	19440
Mature Cows*, including associated livestock	plate coolers without water reused	0	82	0%	0
Livestock Total (Imp Gal/day)					38880.0
Livestock Total (Litres/day)					176748.5
Households**		Number of People	Water Use Estimate	Household Water Use	
			Imp Gal/day/person		
Persons		10	33	330	
Grand Total (Imp Gal/day)					19770.0
Grand Total (Litres/day)					89874.4