Divorne Farms -Livestock Technical Review Committee SE-08-008-06WPM, SE-06-008-06WPM and SW-05-008-06WPM RM of Grey, Manitoba

DGH Engineering Ltd. 12 Aviation Boulevard St. Andrews, MB, R1A 3N5 (204) 334-8846

6.2 Water Requirements Calculator

DGH Project Number: 3448-003

Livestock Type	Description	Number of Animals	Water Use Estimates		Livestock Water Use
			Imp Gal /day/animal	Additional Washwater	Imp gal/day/anima I
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
	Number				
Households**		Number	Water Use Estimate		Household
		People	Imp Gal/day/person		Water Use
Persons		10	33		330
	<u> </u>		I		
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.