MANURE APPLICATION FIELD CHARACTERISTICS TABLE

	A	B	C	D	E	F	G	H	I	J
Field	Legal Description	Rural Municipality	O/C/L/A	Total Acreage	Setbacks, including features	Net Acreage for Manure Application	Agriculture Capability Class and Subclass	Soil Phosphorus (ppm Olsen P) 0-6 inches	Development Plan Designation	Zoning
1	W 20-5-1w	Morris	A	310	Accounted for	310	3w 3nw, 2w 3w	6	1712/2015 General Agricultural Area	1713/2015 General Agricultural Zone
2	SE 20-5-1w	Morris	A	161	Accounted for	161	3w 3nw, 2w 3w	8	1712/2015 General Agricultural Area	1713/2015 General Agricultural Zone
3	W 17-5-1w	Morris	A	327	Accounted for	327	2w 3w, 3w 3nw	31	1712/2015 General Agricultural Area	1713/2015 General Agricultural Zone
4	SE 17-5-1w	Morris	A	140	Accounted for	140	2w 3w	21	1712/2015 General Agricultural Area	1713/2015 General Agricultural Zone
5	SW 16-5-1w (N)	Morris	A	41	Accounted for	41	2w 3w, 3w 3nw	7	1712/2015 General Agricultural Area	1713/2015 General Agricultural Zone
6	SW 16-5-1w (S)	Morris	A	75	Accounted for	75	2w 3w, 3w 3nw	29	1712/2015 General Agricultural Area	1713/2015 General Agricultural Zone
7	NW 8-5-1w	Morris	A	160	Accounted for	160	2w 3w, 3w 3nw	13	1712/2015 Restricted Agricultural Area	1713/2015 Restricted Agricultural Zone
8	NE 8-5-1w	Morris	A	159	Accounted for	159	2w 3w	13	1712/2015 Restricted Agricultural Area	1713/2015 Restricted Agricultural Zone
9	SW 8-5-1w	Morris	A	161	Accounted for	161	2w 3w, 3w 3nw	10	1712/2015 Restricted Agricultural Area	1713/2015 Restricted Agricultural Zone
10	SE 8-5-1w	Morris	A	161	Accounted for	161	2w 3w	10	1712/2015 Restricted Agricultural Area	1713/2015 Restricted Agricultural Zone
11	NE 5-5-1w	Morris	A	146	Accounted for	146	2w 3w, 3w 3nw	19	1712/2015 Restricted Agricultural Area	1713/2015 Restricted Agricultural Zone
12	SE 5-5-1w	Morris	A	152	Accounted for	152	3w 3nw	10	1712/2015 Restricted Agricultural Area	1713/2015 Restricted Agricultural Zone
13	W 2-5-1w	Morris	A	295	Accounted for	295	3w 3nw, 2w 3w	18	1712/2015 General Agricultural Area	1713/2015 General Agricultural Zone
14										
15										
16										
17										
18										
19										
20										

Total Net Acreage for Manure Application: 2288

A. _____ Enter the legal description for each parcel of land that will receive manure: Sec, Twp, Rge or River Lot (including parish).
B. _____ Identify the Rural Municipality in which the parcel is located.
C. _____ Indicate how the land has been secured for manure application: O – Own / C-Crown / L – Lease / A – Agreement. Multiple designations may be used as appropriate (ex. C/A for Crown lands that are under a spread agreement with the producer that holds the agricultural Crown land lease).
D. _____ Enter the total acreage for the parcel.
E. _____ Enter setbacks from surface water or groundwater features that reduce the land available for manure application; include identification of type of feature (ex. 8m, Order 3 drain).
F. _____ Enter the net acreage available for manure application for the parcel after taking into account setbacks and excluding Class 6, 7 and unimproved organic soils.
G. _____ Enter the agriculture capability class and subclass ratings for the acreage available for manure application.
H. _____ Provide soil test results for phosphorus in ppm Olsen P for soil samples taken at the 0-6 inch depth. Soil test results must be no more than 12 months old and must be completed by an accredited soil-testing laboratory.
I. _____ Indicate the Development Plan and its by-law number in addition to the map designation for each field (ex. By-law #1/2008: AG).
J. _____ Indicate the Zoning By-law and its by-law number in addition to the zoning for each field (ex. By-law 12/2009: AG 80).

Animal Type (A)	Animal Sub-type (B)	Daily Manure Production				Production Period [2] (Days) (G)	Number of Animals [3] (Capacity) (H)	Total Manure Volume (ft^3) (FxGxH)	Total Manure Volume for Semi-Solid and Liquid Manure (Imp Gal)
		References (C)	Manure Type (D)	Default Manure Production (ft^3/animal/day) (E)	Operation Manure Production [1] (ft^3/animal/day) (F)				
Dairy (milking cows[4] and associated livestock)	Free Stall	Table 6, pg 59, FPGs for Dairy 1995	Semi-Solid [5]	3.5				-	0.0
			Solid	3.4				-	
			Liquid [5]	3.5				-	0.0
	Tie Stall		Semi-Solid [5]	3.6				-	0.0
			Solid	3.5				-	
			Liquid [5]	3.6				-	0.0
	Loose Housing		Solid	3.0				-	
	Milking Parlour Manure and Washwater		Liquid	0.5					
Beef	Beef cows including associated livestock	pg 117, FPGs for Hogs 1998	Solid	1.2				-	
	Backgrounder (200 day)		Solid	0.73				-	
	Summer pasture / replacement heifers		Solid	0.85				-	
	Feeder cattle		Solid	1.1				-	
Pigs	Sows - farrow to finish (234 - 254 lbs)	MAFRI website, FPGs for Pigs 2007	Liquid	2.3				-	0.0
	Sows - farrow to wean (up to 11 lbs)		Liquid	0.8	0.8	400.00	3,000	960,000.00	5,980,800.0
	Sows - farrow to nursery (51 lbs)		Liquid	1				-	0.0
	Weanlings, Nursery (11 - 51 lbs)		Liquid	0.1				-	0.0
	Grower / Finisher (51 - 249 lbs)		Liquid	0.25				-	0.0

Animal Type	Type of Operation		Yearly Manure Production		Production Period [2] (Days)	Number of Birds [3] (Capacity)	Total Manure Volume (ft^3) (F/365xGxH)	Total Manure Volume for Semi-Solid and Liquid Manure (Imp Gal)
			Default Manure Production (ft^3/year/bird space)	Operation Manure Production [1] (ft^3/year/bird space)				
Chickens	Broilers – floor [6]	Table 3, pg 85, FPGs for Poultry 2000	1.23				-	
	Broiler breeder hens [7]		2.3				-	
	Broiler breeder pullets [6]		0.99				-	
	Roasters – floor [6]		1.16				-	
	Layers – cage [8]		2.33				-	0.0
	Layers – floor [7]		1.68				-	
	Layers – solid pack [9]						-	
	Pullets – cage [8]		0.71				-	0.0
	Pullets – floor [6]		0.75				-	
	Pullets – solid pack [9]						-	
Turkeys	Broilers [6]	Table 3, pg 85, FPGs for Poultry 2000	2.83				-	
	Heavy toms [6]		5.58				-	
	Heavy hens [6]		3.32				-	

Sizing of a manure storage facility in accordance with all requirements of the *Livestock Manure and Mortalities Management Regulation* (M.R. 42/98) is the responsibility of the operator.

Instructions and footnotes:

[1] ENTER the manure production estimate for your operation. If no estimate is available, use the default value provided in colum E. References for default daily and yearly manure production are provided in column C.

[2] ENTER the number of days worth of manure that will be produced. For earthen manure storage facilities the minimum storage requirement is 400 days. For steel and concrete manure storage facilities the minimum storage requirement is 250

[3] ENTER the total number of animals or birds that the operation can hold (e.g. barn or feedlot capacity).

[4] Milking cows includes all lactating and dry cows.

[5] Default manure production estimates for semi-solid and liquid dairy manure include manure and washwater from the milking parlour.

[6] 2 inches of wood shavings or 4 inches of straw placed on floor. Manure and litter removed from barn at 25% moisture content, with a density of 20 lb/ft^3

[7] One-third litter floor, two-thirds slatted floor. Manure and litter removed from barn at 40% moisture content, with a density of 25 lb/ft^3

[8] Manure removed from barn at 90% moisture content with a density of 59 lb/ft^3

[9] Poultry operations using litter (solid pack) must provide an estimate of yearly manure production