APPENDIX 1

MDS II Calculations

MINIMUM DISTANCE SEPARATION II CALCULATION FORM

Farm Name/Owner

Type of Livestock/Poultry	Existing Barn Capacity	Livestock Units	Additional Barn Capacity	Livestock Units	Total Barn Capacity	Livestock Units
	Total 1		Total 2		Total 3	

Calculation of Percentage Increase: $\frac{\text{Total 2} \rightarrow [\quad]}{\text{Total 1} \rightarrow [\quad]} \times 100 = [\quad] \%$

Factor A: Livestock/poultry to be added. Table 1	Factor A:	[_____]
Factor B: Total number of livestock units. Table 2	Factor B:	[_____]
Factor C: Percentage increase. Table 3	Factor C:	[_____]
Factor D: Type of manure system (Solid=0.7, Liquid=0.8)	Factor D:	[_____]
Building Base distance (A x B x C x D)	Base Distance `F':	[_____]
Manure Storage Base Distance Table 4	Base Distance `S':	[_____]

MINIMUM DISTANCE SEPARATION SUMMARY:		BUILDING: Base Distance 'F' [ ] metres		MANURE STORAGE: Base Distance 'S' [ ] metres	
Column 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6
Neighbouring land use or boundary	Factor	Distance "F" x Col. 2 (m)	Actual Distance (m)	Distance "S" x Col. 2 (m)	Actual Distance (m)
Nearest Neighbour's Dwelling	1.0				
Areas zoned or designated Agriculturally Related Commercial Use Passive Recreational or Industrial	1.0				
Areas zoned or designated Residential, Institutional, Active Recreational, or Commercial. Urban Areas	2.0				
Nearest Side or Rear Lot Line	0.2				
Nearest Road Allowance (Side or Front Lot Line)	0.25				

TABLE 1: **FACTOR 'A' (Barn Odour Potential).**
and Animals per Livestock Unit (based on housing capacity).

	Animals per Livestock Unit		Factor A:
BEEF	1	Beef Cow[1] ..... (barn confinement)	0.7
	1	" " ..... (barn with yard)	0.8
	2	Beef Feeders ..... (barn confinement)	0.7
	2	" " ..... (barn with yard)	0.8
CHICKEN	125	Caged Layers ..... (manure stored in barn)	1.0
	125	Caged Layers ..... (daily manure removal)	0.8
	125	Chicken Breeder Layers	0.8
	200	Chicken Broilers/Roasters	0.65
	500	Pullets (replacement layers)	0.7
DAIRY	1	Milking Cow[1,2] ..... (tie-stall)	0.65
	1	" " ..... (free-stall)	0.7
	2	Dairy Heifers ..... (barn confinement)	0.7
	2	" " ..... (barn with yard)	0.8
DUCK	100	Ducks	0.7
EMU	5	Emu	0.7
FOX	40	Adult Fox[4]	1.1
GOAT	4	Adult Goats[3]	0.7
	10	Feeder Goats (>20 kg)	0.7
HORSE	1	Horse[3]	0.65
MINK	80	Adult Mink[4]	1.1
OSTRICH	3	Ostrich	0.7
RABBIT	40	Adult Rabbits[4]	0.8
SHEEP	4	Adult Sheep[3]	0.7
	10	Feeder Lambs (>20 kg)	0.7
SWINE	5	Sows/Boars	1.0
	20	Weaners (4-30 kg)[5]	1.0
	4	Feeder Hogs (30-120 kg)	1.0
TURKEY	50	Meat Turkeys (>10 kg)	0.7
	75	Meat Turkeys (5-10 kg)	0.7
	75	Turkey Breeder Layers	0.8
	100	Meat Turkeys (<5 kg)	0.7
	500	Pullets (replacement breeders)	0.7
VEAL	6	White Veal	1.0
	3	Red Veal (<300 kg)	0.8

Notes: For all other animals/poultry use 1 livestock unit per 450 kg housed at one time (A=0.8).

[1]Includes calf to 150 kg.
[2]A dairy farm usually has milking cows, dry cows, heifers and calves. Multiply the number of milking cows by 1.5 to account for the followers when they are all kept on the same farm.
[3]Includes offspring until weaned.
[4]Includes offspring to market size.
[5]Multiply number of sows by 2.4 to determine the number of weaners.

TABLE 2: FACTOR 'B' (Final Livestock Units).

Livestock Units		Factor B	Livestock Units		Factor B	Livestock Units		Factor B	Livestock Units		Factor B
5	—	107	95	—	313	500	—	578	1600	—	821
6	—	119	100	—	318	520	—	585	1650	—	829
7	—	129	110	—	327	540	—	592	1700	—	836
8	—	138	120	—	335	560	—	598	1750	—	844
9	—	145	130	—	343	580	—	605	1800	—	851
10	—	152	140	—	350	600	—	611	1850	—	858
12	—	164	150	—	357	620	—	617	1900	—	865
14	—	175	160	—	366	640	—	623	1950	—	872
16	—	183	170	—	374	660	—	629	2000	—	879
18	—	191	180	—	383	680	—	635	2100	—	892
20	—	198	190	—	392	700	—	640	2200	—	905
22	—	205	200	—	400	720	—	646	2300	—	917
24	—	210	210	—	409	740	—	651	2400	—	929
26	—	216	220	—	418	760	—	656	2500	—	941
28	—	221	230	—	426	780	—	661	2600	—	952
30	—	225	240	—	435	800	—	666	2700	—	963
32	—	230	250	—	444	850	—	679	2800	—	974
34	—	234	260	—	452	900	—	690	2900	—	985
38	—	241	280	—	470	1000	—	713	3200	—	1015
40	—	245	290	—	478	1050	—	723	3400	—	1034
45	—	253	300	—	487	1100	—	733	3600	—	1053
50	—	261	320	—	501	1150	—	743	3800	—	1071
60	—	275	360	—	522	1250	—	762	4200	—	1105
65	—	281	380	—	531	1300	—	771	4400	—	1121
70	—	287	400	—	540	1350	—	780	4600	—	1136
75	—	293	420	—	548	1400	—	789	4800	—	1152
80	—	298	440	—	556	1450	—	797	5000	—	1166
85	—	304	460	—	564	1500	—	805	7500	—	1326
90	—	309	480	—	571	1550	—	813	10000	—	1455

TABLE 3: FACTOR 'C' (Percentage Increase).

Percentage Increase		Factor C	Percentage Increase		Factor C	Percentage Increase		Factor C
0-50	—	0.70	120	—	0.86	280	—	1.03
55	—	0.72	130	—	0.88	300	—	1.04
60	—	0.73	140	—	0.90	325	—	1.05
65	—	0.75	150	—	0.91	350	—	1.06
70	—	0.76	160	—	0.92	375	—	1.07
75	—	0.77	170	—	0.94	400	—	1.08
80	—	0.78	180	—	0.95	425	—	1.09
85	—	0.79	190	—	0.96	450	—	1.10
90	—	0.81	200	—	0.97	500	—	1.11
95	—	0.82	220	—	0.99	550	—	1.12
100	—	0.83	240	—	1.00	650	—	1.13
110	—	0.85	260	—	1.02	700	—	1.14

Note: For new livestock farms or if the % increase is greater than 700 percent, use Factor C = 1.14

TABLE 4: SITING DISTANCES FOR MANURE STORAGES (metres).

Column 1: Roofed or covered storages for manure, runoff, and milkhouse washwater. Includes any covered or roofed concrete, steel or earthen storages, in-barn solid manure packs, and storages under fully slatted floors.

Column 2: Open solid manure pile on concrete slab. Includes the runoff storages (concrete or earthen) used for capturing seepage liquids from solid manure storage or runoff liquids from yards. If yards are scraped into runoff storage, use column 3 when runoff storage is a concrete or steel tank and column 4 when runoff storage is earthen. Milkhouse washwater may be added to runoff storage.

Column 3: Open concrete or steel tanks used for storing liquid manure, milkhouse washwater, or yard runoff where yard is scraped into storage.

Column 4: Open earth-sided or earth-sided storage with concrete floor to be used for storing liquid manure or yard runoff when yard is scraped into storage or milkhouse washwater.

	MANURE STORAGE BASIC DISTANCE 'S'			
	Column 1	Column 2	Column 3	Column 4
Minimum Base Distance 'F' for the Building (m)	Covered Storage Systems (m)	Open Solid and Runoff Storage Systems (m)	Open Liquid Tank and Runoff Storage Systems (m)	Earthen Liquid and Runoff Storage Systems (m)
40	40	55	119	324
45	45	60	123	326
50	50	65	128	328
55	55	70	132	331
60	60	74	136	333
65	65	79	140	335
70	70	84	144	337
75	75	89	149	340
80	80	94	153	342
85	85	99	157	344
90	90	104	161	346
95	95	108	166	348
100	100	113	170	351
105	105	118	174	353
110	110	123	178	355
115	115	128	182	357
120	120	133	187	360
125	125	138	191	362
130	130	142	195	364
135	135	147	199	366
140	140	152	204	368
145	145	157	208	371
150	150	162	212	373
160	160	172	220	377
170	170	181	229	382
180	180	191	237	386
190	190	201	246	391
200	200	210	254	395
210	210	220	263	399
220	220	230	271	404
230	230	239	280	408
240	240	249	288	413
260	260	269	305	422
280	280	288	322	430
300	300	307	339	439
320	320	327	356	448
360	360	366	389	466
380	380	385	406	475
400	400	404	423	484
420	420	424	440	492
440	440	443	457	501
480	480	482	491	519
500	500	502	508	528
550	550	550	550	550

APPENDIX 2

Letter and Survey Form

UNIVERSITY of GUELPH

RIDGETOWN COLLEGE

July 11, 1997

FIELD(FIRSTNAME) FIELD(LASTNAME)
FIELD(POSITION)
FIELD(STREET)
FIELD(CITY), ON FIELD(POSTALCODE)

Dear FIELD(FIRSTNAME):

There is considerable confusion in many Ontario townships and in the Ontario swine industry about rules and regulations for building and operating swine farms. The province has guidelines, but no enforceable rules governing building and operating a swine farm. The only rules governing how and where new swine operations are built are Township Bylaws. Some townships have come to realize that they have had ineffective regulations controlling the development of large swine operations while other townships that would welcome the economic activity generated by a large swine operation have learned that they have very restrictive set-backs and bylaws.

We are trying to determine the current rules and regulations for building and operating swine farms in Ontario. Township Clerks or Chief Building Officers know these rules and regulations for building swine barns and related facilities in their township better than anyone else in the Province. However, these rules and regulations vary from township to township. Township officials and the Ontario swine industry could benefit from knowing what the current regulations are and how those regulations vary across Ontario.

We need your help to compile the current rules and regulations affecting Ontario's swine industry. Please take a few minutes to answer the questions on the attached form and FAX it along with the applicable pages of your zoning bylaws to us at (519) 674-1530. We would like to move quickly on this project and we ask that you ***please respond by Monday, July 21.*** If you are not the person to provide this information please direct our request to someone who can help us. Once we have compiled the results, we will send you our report so that you can see how your Township's bylaws compare to other Townships.

Thank you for your help with this project. If you have any questions, please feel free to call me at (519) 674-1531.

Sincerely,

Ken McEwan
Researcher
Ridgetown College, University of Guelph

Ridgetown, Ontario, N0P 2C0

UNIVERSITY of GUELPH

Contact Person: FIELD(FIRSTNAME) FIELD(LASTNAME)
Phone No: FIELD(PHONENUMBR)
Township/Town: FIELD(TOWNSHIP)
County/Municipality: FIELD(COUNTY)

TOWNSHIP/TOWN BYLAW SURVEY
LIVESTOCK/SWINE

Please complete the following 2 steps and fax this form along with the applicable bylaws to us at (519) 674-1530 by ***Monday, July 21, 1997.***

Step 1: Would you please fax the following information to us:

1. all applicable pages of your zoning bylaws that deal with Livestock/Swine operations

Step 2: Answer the following questions and fax this form back to us:

1. What percentage of your township is zoned agriculture? _____ %

2. a) Did you issue any building permits for livestock/swine during the calendar year 1996? (✓ *check one)* ○ YES ○ NO

   b) If yes, how many? _____ (#)

3. a) Were any of these permits issued to swine (✓ *check one)* ○ YES ○ NO

   b) If yes, how many? _____ (#)

4. What would your fee be, if any, for sending us the following information?

Document	Fee
All building permits issued for swine operations in calendar year 1996	$_____
All MDS calculation documents issued relevant to swine in calendar year 1996	$_____
	$_____ TOTAL

Thanks for your assistance.

APPENDIX 3

Comparison of By-law Regulations by Township

INFORMATION OBTAINED FROM ZONING By-laws									
COUNTY	**TOWNSHIP**	**% of township zoned agriculture**	**lot frontage (m)**	**min. distance to road (m)**	**min. distance from nearest neighbour (m)**	**min. distance from residential zone (m)**	**manure storage # days**	**min distance from waterway (m)**	**min lot area (acres)**
BRANT	OAKLAND	85	not required	90	300	600	not required	not required	50
	SOUTH DUMFRIES	67	45.7	48.8	152.4	152.4	not required	15	5
	ONONDAGA	90	150	101	404	808	not required	15	80
	BURFORD	85	90	50	150	150	not required	61	24.7
	BRANTFORD	70	200	25	300	300	180	15	50
BRUCE	SAUGEEN	75	100	20	30	30	180	100	90
	CULROSS	80	100	20	30	30	180	60	90
	KINLOSS	99	100	20	25	25	180	20	92
	KINCARDINE	70	100	20	25	25	180	20	92
	CARRICK	80	100	10	30	30	180	60	90
	HURON	75	100	20	24.5	24.5	180	20	92.5
	BRUCE	93	396	101	404	808	200	15	60
	BRANT	80	100	20	25	25	180	20	92
	LINDSAY	65	100	30	30	30	180	60	86.5
	GREENOCK	40	100	20	30	30	180	20	90
	EASTNOR	90	100	30	343	343	200	60	86
	ELDERSLIE	80	100	101	404	808	180	60	90
	ARRAN	90	183	114	343	343	200	60	86.5
	AMABEL	25	100	50	55	55	180	100	92
	ALBEMARLE	75	100	30	30	30	180	60	90
	ST. EDMUNDS	5	100	20	30	30	180	60	90
DUFFERIN	MONO	20	305	91	152.4	152.4	not required	not required	48
	EAST LUTHER GRAND VALLEY	97	150	90	150	150	180	20	44.5
	MELANCTHON	95	150	15	21	21	not required	15	45
	MULMUR	20	150	30	12	12	not required	20	45
	EAST GARAFRAXA	95	150	90	150	150	180	20	44.5
	AMARANTH	95	150	90	150	150	180	20	44.5
ELGIN	DUNWICH	95	150	60	250	810	not required	30	50
	SOUTH DORCHESTER	90	150	60	45	808	not required	7.5	50
	SOUTHWOLD	90	30	20	9	9	not required	not required	25
	ALDBOROUGH	90	150	15	150	300	not required	7.5	47.5
	YARMOUTH	90	30	20	9	9	not required	not required	100
	BAYHAM	78	150	60	63	808	not required	7.5	50
	MALAHIDE	99	150	60	63	808	not required	15	50
ESSEX	MERSEA	90	60	101	404	808	not required	10	25
	SANDWICH SOUTH	84	150	101	404	808	200	15	46.94
	ANDERDON	90	140	101	404	808	200	10	50
	GOSFIELD NORTH	80	150	101	404	808	not required	15	50
	GOSFIELD SOUTH	80	90	40	300	300	not required	7.5	50
	PELEE	70	300	101	404	808	200	not required	50
	COLCHESTER SOUTH	75	60	101	404	808	not required	10	50
	MALDEN	80	30	101	404	808	200	not required	50
	TILBURY NORTH	85	182.5	101	404	808	200	15	47.5
	MAIDSTONE	75	30	101	404	808	not required	not required	47.5

COUNTY	TOWNSHIP	% of township	lot	min distance	min distance from	min distance from	manure storage	min distance from	min lot area
		zoned agriculture	frontage (m)	to road (m)	nearest neighbour (m)	residential zone (m)	# days	waterway (m)	(acres)
	ROCHESTER	75	90	101	404	808	200	11	50
	TILBURY WEST	90	not required	101	404	808	not required	not required	50
	COLCHESTER NORTH	90	75	101	404	808	200	10	50
GREY	PROTON	50	275	101	404	808	200	15	100
	HOLLAND	60	180	20	343	343	not required	8	50
	KEPPEL	80	200	20	343	343	180	100	100
	OSPREY	70	175	30	18	18	not required	30	50
	GLENELG	75	259	23	380	380	not required	not required	100
	SARAWAK	30	300	20	332	332	not required	not required	75
	EUPHRASIA	30	200	20	343	343	not required	8	100
	NORMANBY	85	20	20	343	343	200	45.7	5
	ST VINCENT	80	135	30	332	332	not required	15	50
	COLLINGWOOD	45	150	50	332	664	not required	not required	50
	ARTEMESIA	50	200	50	332	332	not required	not required	50
	SULLIVAN	80	200	15	343	343	180	100	50
	EGREMONT	80	183	30	18	18	not required	not required	50
	SYDENHAM	44.5	200	20	343	343	180	100	99
	DERBY	75	200	20	343	343	180	100	99
	BENTINCK	70	200	101	404	808	200	15	50
HALDIMAND-	HALDIMAND	90	30	114	380	761	not required	not required	<1
NORFOLK	NORFOLK	85	30	30	125	300	not required	9	<1
	DELHI	80	30	30	125	300	not required	9	<1
	DUNNVILLE	75	35	30	125	400	not required	not required	<1
	SIMCOE	50	30	30	125	125	not required	not required	<1
HALTON	MILTON	40	45	15	6	6	not required	not required	not required
	OAKVILLE	20	45.5	15	17.4	17.4	not required	not required	not required
	HALTON HILLS	50	not required	76	304	304	not required	not required	25
HAMILTON-	DUNDAS	40	274	15	16.5	16.5	not required	not required	50
WENTWORTH	ANCASTER	75	30	15	380	761	not required	15	<1
	GLANBROOK	80	150	101	404	808	180	15	25
	FLAMBOROUGH	75	90	15	22.5	22.5	not required	not required	5
HURON	WEST WAWANOSH	90	150	90	343	686	240	60	95
	COLBORNE	80	150	30	343	686	240	60	95
	TURNBERRY	90	150	90	343	686	240	60	50
	MCKILLOP	90	150	60	343	686	180	15	75
	ASHFIELD	83	150	30	343	686	240	60	50
	TUCKERSMITH	65	150	90	343	686	240	60	95
	USBORNE	93	150	30	343	686	240	60	50
	MORRIS	76	150	60	343	686	240	60	95
	HULLETT	90	150	101	404	808	240	20	52.5
	HOWICK	80	150	30	343	686	240	60	75
	EAST WAWANOSH	99	150	90	343	686	240	60	52.5
	HAY	95	150	60	343	686	240	60	95
	GREY	90	150	30	343	686	240	60	50
	GODERICH	98	150	30	343	686	240	60	75
	STEPHEN	80	150	90	343	686	280	60	95
COUNTY	TOWNSHIP	% of township	lot	min distance	min distance from	min distance from	manure storage	min distance from	min lot area
		zoned agriculture	frontage (m)	to road	nearest neighbour (m)	residential zone (m)	# days	waterway (m)	(acres)
	STANLEY	90	150	30	343	686	240	60	95

KENT	ORFORD	90	180	13.5	404	808	not required	10	55
	ZONE	90	120	23	300	300	180	15	50
	HOWARD	95	100	8	300	600	180	15	25
	CAMDEN	87	180	20	300	600	180	15	50
	TILBURY EAST	90	183	45	300	300	180	25	50
	CHATHAM	95	60	25	300	300	180	15	50
	ROMNEY	90	100	150	150	150	180	15	25
	RALEIGH	90	150	135	300	300	180	not required	49.4
	HARWICH	95	180	23	18	18	not required	15	44
	DOVER	75	200	100	300	300	180	15	50
LAMBTON	EUPHEMIA	90	150	60	300	300	not required	15	48.75
	ENNISKILLEN	90	150	60	300	300	not required	15	100
	SOMBRA	80	120	60	300	300	not required	not required	48.8
	MOORE	70	150	101	404	808	not required	15	100
	DAWN	95	150	60	300	300	not required	15	48.75
	PLYMPTON	85	150	45	300	300	not required	22	50
	WARWICK	90	150	60	300	300	not required	15	48.8
	BROOKE	90	50	60	300	300	not required	15	48.8
MIDDLESEX	WEST WILLIAMS		150	60	150	300	not required		50.5
	ADELAIDE		145		restrictive*	restrictive*			25
	CARADOC		150	23	30	30			50.5
	LONDON	95	300	150	300	400	365	30	99
	EKFRID	75	150	18	30	30	not required	7.5	50
	MCGILLIVRAY	95	150	60	300	300	not required	7.5	50
	METCALFE	98	150	50	150	150	180		75
	EAST WILLIAMS	90	200	100	404	808	180	15	50
	DELAWARE	75	200	60	150	150	not required		100
	LOBO	95	150	135	300	300	180	75	74.1
	MOSA	90	150	114	380	761	not required	7.5	50
	NORTH DORCHESTER	85	150	101	404	808	180	5	75
	BIDDULPH	80	120	28	100	450	180	15	55
	WEST NISSOURI	93	300	25	300	300	180	10	101
NIAGARA	WAINFLEET	80	180	114	380	761	not required	11	40
	NIAGARA-ON-THE-LAKE	80	38	101	404	808	180	5	10
	PELHAM	85	180	114	380	761	not required	not required	24.7
	WEST LINCOLN	90	180	112	375	749	not required	30	40
	FORT ERIE	65	180	114	380	761	not required	not required	50
	GRIMSBY	70	183	91.5	76	76	not required	not required	25
	LINCOLN	75	100	15	300	300	not required	not required	15
OXFORD	EAST ZORRA-TAVISTOCK	90	100	60	90	90	not required	20	75
	BLANDFORD-BLENHEIM	95	100	60	90	90	not required	20	75
	SOUTH WEST OXFORD	90	100	60	90	90	not required	20	50
	ZORRA	85	100	60	90	90	not required	20	49.4
	NORWICH	90	100	60	90	90	not required	20	50
PEEL	CALEDON	75	120	90	150	150	not required	not required	20
COUNTY	**TOWNSHIP**	**% of township**	**lot**	**min distance**	**min distance from**	**min distance from**	**manure storage**	**min distance from**	**min lot area**
		zoned agriculture	**frontage (m)**	**to road (m)**	**nearest neighbour (m)**	**residential zone (m)**	**# days**	**waterway (m)**	**(acres)**
PERTH	ELMA	90	150	40	46	46	210	15	50
	NORTH EASTHOPE	87	210	101	404	808	180	15	82.5

	BLANSHARD	95	213	30.5	404	808	180	15	55
	WALLACE	90	150	40	46	46	210	15	50
	MORNINGTON	85	210	101	404	808	270	30	55
	DOWNIE	75	180	114	380	761	180	15	50
	ELLICE	75	190	114	380	761	180	15	50
	HIBBERT	85	180	75	150	300	240	15.24	50.5
	FULLARTON	85	180	101	404	808	240	15.24	55
	LOGAN	85	180	101	404	808	240	15.24	50.5
	SOUTH EASTHOPE	90	210	114	380	761	180	15	55
SIMCOE	ADJALA-TOSORONTIO	90	304.8	81.38	152.4	152.4	not required	not required	55
	TOSORONTIO	60	152.5	61	67	67	not required	not required	10
	FLOS	80	150	30	33	250	not required	23	100
	VESPRA	50	150	30	33	250	not required	12	100
	ESSA	75	120	3	15	15	not required	23	10
	TAY	70	not required	18	16	16	not required	not required	55
	ORILLIA	40	200	101	404	808	not required	not required	100
	TINY	70	152	18	6	6	not required	7.6	49.5
	SUNNIDALE	65	150	15	5	5	180	not required	86.5
	NOTTAWASAGA	55	150	30	12	12	not required	15	50
	RAMA	70	100	40	200	200	not required	not required	62.5
	MARA	50	200	101	404	808	200	not required	100
	ORO	80					not required	23	100
	MEDONTE	40	150	200	200	600	not required	23	100
WATERLOO	WOOLWICH	75	230	23	300	600	not required	not required	86.5
	WILMOT	85	230	60	300	808	not required	not required	87.5
	WELLESLEY	95	230	23	300	300	not required	not required	86.5
	NORTH DUMFRIES	80	230	30	300	300	not required	not required	86.5
WELLINGTON	PEEL	90	230	101	404	808	not required	15	86.5
	MARYBOROUGH	90	120	101	404	808	not required	15	50
	WEST GARAFRAXA	60	150	114	380	761	200	not required	80
	NICHOL	73	183	114	380	761	200	not required	55
	WEST LUTHER	75	122	60	304.8	304.8	not required	30	85
	GUELPH	85	120	12.5	300	600	not required	5	79
	MINTO	75	122	101	404	808	not required	30	25
	PILKINGTON	90	122	101	404	808	not required	30.5	25
	PUSLINCH	75	122	27	7.5	7.5	180	15	10
	ARTHUR	95	122	101	404	808	200	15	25
	ERAMOSA	90	120	101	404	808	not required	not required	25
	ERIN	65	152.4	60	213.4	304.8	not required	not required	25

restrictive* - although the by-law is restrictive, it is not always followed