

June 21, 2024

Sarah Wilhelm Manager of Policy Planning Planning & Development Department County of Wellington 74 Woolwich Street Guelph, ON N1H 3T9

Dear Ms. Wilhelm:

RE: <u>Calculation of MDS I Setbacks for SABE of Centre Wellington</u>

Thank you for retaining Colville Consulting Inc. to complete a Minimum Distance Separation (MDS) study to determine setback requirements for the properties identified as potential locations for Settlement Area Boundary Expansion (SABE) in the Township of Centre Wellington. The County of Wellington initiated a Municipal Comprehensive Review (MCR) to identify preferred SABE locations to meet projected population and employment growth by 2051. The total identified land need for SABE in Centre Wellington was determined to be approximately 398 ha (983 acres).

In February 2024, the County of Wellington established the Urban Boundary Expansion Framework to determine how and where this growth will occur. The Urban Boundary Expansion Framework will be used to consider what lands may be feasible for urban expansion. Evaluation criteria have been established by the County to assess the urban boundary and assist in evaluating the appropriateness and suitability of lands for boundary expansion. The evaluation criteria are based on the policy tests outlined in the Growth Plan and associated Provincial and County planning documents. The overall recommendation as to whether a given candidate area is feasible for expansion will be based on the comprehensive application of all criteria.

Colville Consulting Inc. has been retained to assist in satisfying the Agricultural Resources criteria, which pertain to the protection of prime agricultural lands within the prime agricultural area, minimizing fragmentation of prime agricultural lands, compliance with the Minimum Distance Separation (MDS) Formulae, and the avoidance or minimization of impacts to the agri-food network.

Before SABE in Centre Wellington can occur, an Agricultural Impact Assessment (AIA) will be required, as it will not be possible to avoid prime agricultural areas. However, prior to undertaking an AIA, Colville Consulting Inc. was retained to calculate MDS I setback requirements to identify potential constraints to SABE associated with MDS I setback requirements, which will be used to assist in identifying preferred SABE locations.

The Township has identified eight Focus Areas, which are herein referred to as the Subject Lands. The location of the Subject Lands is shown in Figure 1, with each Focus Area assigned a letter from 'A' to 'H'. The MDS I formula is only required to be applied to Agricultural and Rural designated lands. Schedule B1 of the County of Wellington Official Plan shows that the Subject Lands are designated Prime Agricultural, Core Greenlands, and Greenlands. The Subject Lands also part of the Greater Golden Horseshoe and form part of the Agricultural Land Base's prime agricultural area.

The MDS study was completed in accordance with the guidelines provided in the Ontario Ministry of Agriculture, Food and Rural Affairs (OMAFRA) *The Minimum Distance Separation (MDS) Document, Publication 853* (2016).

MINIMUM DISTANCE SEPARATION

Background

According to the OMAFRA FactSheet Farmer and Neighbour Relations Preventing and Resolving Local Conflicts (January 2005), neighbour complaints relating to odours generated by farm operations are the number one complaint received by farmers.

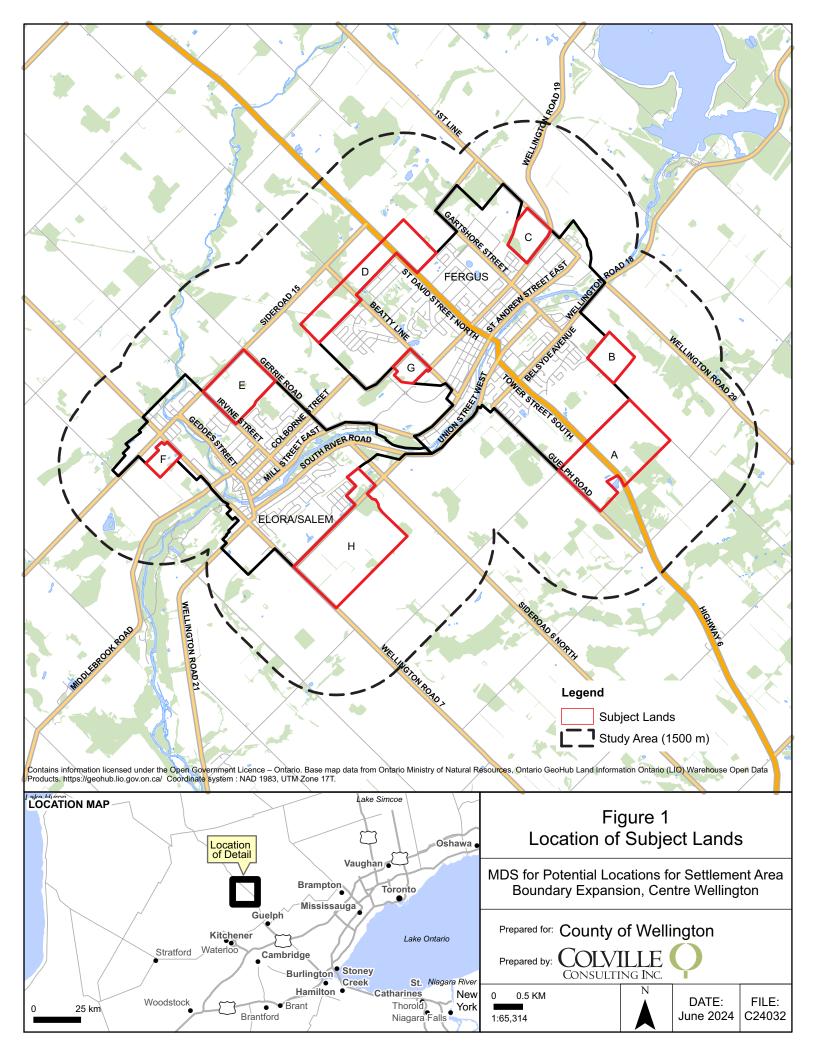
The concept of applying separation distances between livestock facilities and non-farm land uses in order to minimize land use conflicts with the growing non-agricultural rural population first originated in the early 1970's with the *Suggested Code of Practice* where a one size fits all solution was first applied to new or expanding livestock operations. The *Suggested Code of Practice* "rationalized that the effect of objectionable odours in a neighbourhood could be reduced if livestock and poultry facilities were located as far as practically possible from nearby dwellings" (Minimum Distance Separation Implementation Guidelines, Publication 707, 2006).

In 1976 the *Agricultural Code of Practice* was developed and introduced MDS formulas which would calculate the separation distances based on a range of factors specific to each livestock facility and the perceived sensitivity of the non-farm land uses. This document further reiterated that "Objectionable odours can be reduced if livestock buildings and rural residences are constructed at reasonable distances from each other." It goes on to say that "The MDS Formulas have been developed to provide a consistent and fair technique to determine separation distances between non-compatible land uses".

The 1978 Food Land Guidelines, the agricultural planning policy of the day, directed municipalities to indicate in relevant policies of their official plan that the MDS formula be applied to new or expanding livestock facilities and to new non-farm land uses.

The Agricultural Code of Practice was replaced by the Minimum Distance Separation I and Minimum Distance Separation II in 1995. In 2006, the OMAFRA updated the MDS formulae and the Minimum Distance Separation Implementation Guidelines, Publication 707 came into effect on January 1, 2007.

The Province once again updated the MDS and as of March 1st, 2017, the new MDS requirements as set out in *The Minimum Distance Separation (MDS) Document, Publication 853* (2016) came into effect. As with its predecessors, the MDS only addresses odour-related concerns.



The MDS only applies to Agricultural or Rural designated lands. The MDS formulae are not applied within an existing settlement area boundary unless specific wording is provided in a municipality's official plan stating that the MDS is to be applied within other land use designations.

MDS Formulae

Two different formulae have been developed by the Province: the MDS I formula and the MDS II formula. The MDS I formula calculates the minimum distance separation requirements between existing livestock facilities and proposed new non-agricultural uses or lot creation. The MDS II calculates minimum distance separation requirements for new or expanding livestock facilities from existing or approved non-agricultural development.

OMAFRA's AgriSuite software is used to calculate the MDS I requirements for livestock facilities. Livestock facilities are defined in the MDS Document as "All livestock barns and manure storages on a lot, as well as all unoccupied livestock barns and unused manure storages on a lot."

For the purposes of this study, the MDS I formula is used as SABE is considered a new non-agricultural use. To determine the MDS I setback requirements, specific information regarding each livestock facility is required. The required information includes:

- lot size;
- type of livestock housed in the barn;
- maximum capacity of the barn;
- type of manure storage system; and
- type of land use proposed adjacent to existing livestock facilities.

With regards to the type of land use proposed, the MDS recognizes two land use types: Type A (less sensitive) and Type B (more sensitive). Type B land uses generally have a higher density of human occupancy, habitation, or activity.

The MDS Guidelines consider the proposed SABE to be a Type B land use, which has a higher potential for generating nuisance complaints. MDS I setback distances for Type B land uses are twice that of the setback for Type A land uses. The Study Area for Type B land uses includes all lands within 1,500m of the Subject Lands.

Section 1.1.3.8 of the PPS outlines the requirements for the application of MDS for settlement area boundary expansion and states in part that "A planning authority may identify a settlement area or allow the expansion of a settlement area boundary only at the time of a comprehensive review and only where it has been demonstrated that:

d) the new or expanding settlement area is in compliance with the minimum distance separation formulae."

METHODOLOGY

Background Information Review

The Minimum Distance Separation (MDS) Document, Publication 853 (2016) and the Minimum Distance Separation land use policies contained in the Provincial Policy Statement (PPS), Growth Plan for the Greater Golden Horseshoe, the Township of Centre Wellington Official Plan, and the County of Wellington Official Plan (2012) were reviewed.

Prior to visiting the Subject Lands, recent and historic aerial photography of the area was reviewed. This imagery was used to identify potential livestock facilities within the Study Area prior to our site visit.

As per the MDS Guidelines, we attempted to gather information directly from the landowner/tenant. Where landowners could not be contacted or were not available, self-addressed envelopes and forms were left requesting information which would enable the calculation of MDS setback requirements at livestock operations that had the potential to create MDS constraints for the Subject Lands. In the absence of direct information, we used aerial photographic interpretation, professional judgement, and information provided by the municipality and locals who are knowledgeable about the area and the livestock facilities of interest. Online mapping tools, such as Google Earth® and AgMaps, were also used to determine lot sizes and barn dimensions to calculate the maximum capacity of the livestock facilities.

OBSERVATIONS

Site Visit

A reconnaissance-level land use survey was completed on May 8th, 2024 and May 15th, 2024. The land use survey identified the number and type of agricultural operations (both active and inactive), agriculture-related uses, on-farm diversified uses, and the extent and type of non-agricultural land uses within the Study Area. Inactive farm operations were evaluated to determine whether they should be considered an empty livestock facility or as a remnant farm. Remnant farms have no infrastructure that is suitable for housing livestock, whereas the infrastructure for an empty livestock facility is still in a condition that could permit the keeping of livestock with minimal investment. The detailed land use notes taken during this survey are included in Appendix A. Photo's taken during the site visit have been included in Appendix B.

Land Use

Land uses within the Study Area consists of a mix of both agricultural and non-agricultural uses. Eighty agricultural uses were identified during the land use survey. The agricultural uses include eighteen cash/field crop operations, seventeen hobby farms, eight equestrian operations, four poultry operations, ten beef operations, seven dairy operations, one future livestock operation, one retired hobby farm, eleven empty livestock facilities, and three remnant farms. No agriculture-related uses, nor on-farm diversified uses, were identified during the land use survey or desktop review.

The land use survey identified fifty-six non-agricultural uses within the Study Area. These include eleven commercial uses, three industrial uses, four utility uses, three open space uses, nine institutional uses, one research centre, and 25 non-farm residences.

The land uses identified during the land use survey and desktop review are summarized in Table 1 below.

Table 1. Summary of Observed Land Uses					
	Total Number	Active	Empty or Remnant		
Agricultural	80	18 – Cash/Field Crop Operation 17 – Hobby Farm 8 – Equestrian Operation 4 – Poultry Operation 10 – Beef Operation 7 – Dairy Operation	1 – Retired Hobby Farm 11 – Empty Livestock Facility 3 – Remnant Farm 1 – Future Livestock Operation		
Agriculture-Related	0	0	0		
On-farm Diversified	0	0	0		
	Total Number	Type			
Non-Agricultural	56	11 – Commercial 3 – Industrial 25 – Non-farm residential 4 – Utility 3 – Open Space Use 9 – Institutional 1 – Research Centre			

ANALYSIS

Applicable MDS I Guidelines

OMAFRA's MDS Document contains a set of guidelines which outline how the MDS I formula is to be applied. The following are the relevant MDS guidelines for settlement area boundary expansion.

#1. Referencing MDS in Municipal Planning Documents

In accordance with the Provincial Policy Statement, 2014, this MDS Document shall apply in prime agricultural areas and on rural lands. Consequently, the appropriate parts of this MDS Document shall be referenced in municipal official plans, and detailed provisions included in municipal comprehensive zoning by-laws such that, at the very least, MDS setbacks are required in all designations and zones where livestock facilities and anaerobic digesters are permitted.

The County and Township recognize the Subject Lands as being part of a prime agricultural area. As such, the MDS formulae must be applied for the proposed Centre Wellington settlement area boundary expansion. Section 9.9.8.1 c) of the County of Wellington Official Plan states that "New land uses, including the creation of lots and new or expanding livestock facilities, shall comply with the minimum distance separation formulae."

#2. For What, and When is an MDS Setback Required?

The MDS I setback distances shall be met prior to the approval of: proposed lot creation in accordance with Implementation Guidelines #8 and #9; rezonings or re-designations in accordance with Implementation Guideline #10; building permits on a lot which exists prior to March 1, 2017 in accordance with Implementation Guideline #7; and as directed by municipalities for local approvals for agriculture-related uses or on-farm diversified uses in accordance with Implementation Guideline #35.

The information used to carry out an MDS I calculation must reflect the circumstances at the time that the municipality deems the planning or building permit application to be complete.

The proposed SABE will require the Subject Lands to be redesignated for non-agricultural land uses. Therefore, the calculation of MDS I setback distances is required for the proposed SABE.

#6. Required Investigation Distances for MDS

A separate MDS I setback shall be required to be measured from all existing livestock facilities and anaerobic digesters on lots in the surrounding area that are reasonably expected by an approval authority to be impacted by the proposed application.

As part of municipal consideration of planning or building permit applications, all existing livestock facilities or anaerobic digesters within a 750 m distance of a proposed Type A land use and within a 1,500 m distance of a proposed Type B land use shall be investigated and MDS I setback calculations undertaken where warranted.

In circumstances where large livestock facilities (e.g., >1,200 Nutrient Units) exist beyond the 750 m or 1,500 m study area, MDS I setbacks from these facilities should also be calculated.

As discussed above, the proposed SABE is considered to be a Type B land use. Therefore, all existing livestock facilities or anaerobic digesters with 1,500 m of the Subject Lands shall be investigated and MDS I setback calculations completed, where warranted.

#10. MDS I Setbacks for Zoning By-Law Amendments and Official Plan Amendments

An MDS I setback is required for all proposed amendments to rezone or redesignate land to permit development in prime agricultural areas and rural lands presently zoned or designated for agricultural use. This shall include amendments to allow site-specific exceptions which add non-agricultural uses or residential uses to the list of agricultural uses already permitted on a lot, but shall exclude applications to rezone a lot for a residence surplus to a farming operation (e.g., to a rural residential zone) in accordance with Implementation Guideline #9 above.

Amendments to rezone or redesignate land already zoned or designated for a non-agricultural use, shall only need to meet the MDS I setbacks if the amendment(s) will permit a more sensitive land use than existed before. In other words, if the proposal is to change an existing Type A land use (e.g., industrial use outside of a settlement area) to a Type B land use (e.g., commercial) in accordance with Implementation Guidelines #33 and #34, then an MDS I setback shall be required.

The Subject Lands must be redesignated in the County of Wellington Official Plan and the Township of Centre Wellington Official Plan to permit the proposed SABE. Guideline #10 requires the application of the MDS formulae to redesignate land in a prime agricultural area or rural lands for development.

#12. Existing Uses that Do Not Conform to MDS

An MDS I setback is required for proposed development or dwellings, even though there may be existing or approved development or dwellings nearby that do not conform to MDS I requirements.

However, a reduced MDS I setback may be permitted provided there are four, or more, nonagricultural uses, residential uses and/or dwellings closer to the subject livestock facility than the proposed development or dwellings and those four or more nonagricultural uses, residential uses and/or dwellings are:

- located within the intervening area (120° field of view shown in Figure 4 in Section 7 of this MDS Document) between the closest part of the proposed development or dwelling and the nearest livestock facility or anaerobic digester;
- located on separate lots; and
- of the same or greater sensitivity (i.e., Type A or Type B in accordance with Implementation Guidelines #33 and #34) as the proposed development or dwelling.

If ALL of the above conditions are met, the MDS I setback for the proposed development or dwelling may be reduced such that it is located no closer to the livestock facility or anaerobic digester than the furthest of the four non-agricultural uses, residential uses and/or dwellings as shown in Figure 4 (See MDS Document).

Guideline #12 can be used to reduce the calculated *MDS* setbacks for a number of operations within the Study Area. These operations have at least four non-agricultural uses or dwellings within a 120° field of view between the closest part of the Subject Lands or dwelling and the nearest livestock facility and/or manure storage system associated with the operation.

#19. Cumulative Design Capacity of Livestock Facilities on a Lot

MDS calculations shall be based on the combined design capacity for all livestock barns on a lot, even if they are unoccupied livestock barns or separated by a substantial distance on the lot.

Where there are no livestock barns on a lot, MDS calculations shall be based on the combined design capacity for all manure storages on a lot, even if they are unused manure storages or separated by a substantial distance on the lot.

Within the Study Area, there are multiple farm operations with more than one barn located on the same property. Therefore, MDS I setback calculations must be based on the combined design capacity of all livestock barns on a lot and applied to the livestock facility nearest to the Subject Lands.

#34. Type B Land Uses (More Sensitive)

For the purposes of MDS I, proposed Type B land uses are characterized by a higher density of human occupancy, habitation or activity including, but not limited to:

- new or expanded settlement area boundaries;
- an official plan amendment to permit development, excluding industrial uses, on land outside a settlement area;
- a zoning by-law amendment to permit development, excluding industrial uses or dwellings, on land outside a settlement area; and
- the creation of one or more lots for development on land outside a settlement area, that results in four or more lots for development, which are in immediate proximity to one another (e.g., sharing a common contiguous boundary, across the road from one another, etc.), regardless of whether any of the lots are vacant.

Because of the increased sensitivity of these uses, a new or expanding Type B land use will generate an MDS I setback that is twice the distance as the MDS I setback for a Type A land use. This is reflected in the value of Factor E which is 2.2 for Type B versus 1.1 for Type A.

As stated above, the proposed settlement area boundary expansion is considered to be a Type B land use. Therefore, MDS I setbacks have been calculated for a Type B land use, which generates an MDS I setback that is twice that of a Type A land use.

#36. Non-Application of MDS Within Settlement Areas

MDS I setbacks are NOT required for proposed land use changes (e.g., consents, rezonings, redesignations, etc.) within approved settlement areas, as it is generally understood that the long-term use of the land is intended to be for non-agricultural purposes.

MDS I setbacks will be calculated and mapped for all manure storages and livestock facilities capable of housing livestock within the Subject Lands and Study Area. However, if the proposed SABE is approved, the Subject Lands will be within an approved settlement area boundary and MDS setbacks will no longer apply.

#40. Measurement of MDS Setbacks for Development and Dwellings

For proposed development, MDS I setbacks are measured as the shortest distance between the area proposed to be rezoned or redesignated to permit development and either: the surrounding livestock occupied portions of livestock barns, manure storages or anaerobic digesters. Refer to Figure 7 in Section 7 of this MDS Document. This shall include areas proposed to be rezoned or redesignated with site-specific exceptions that add non-agricultural uses or residential uses to the list of agricultural uses already permitted on a lot.

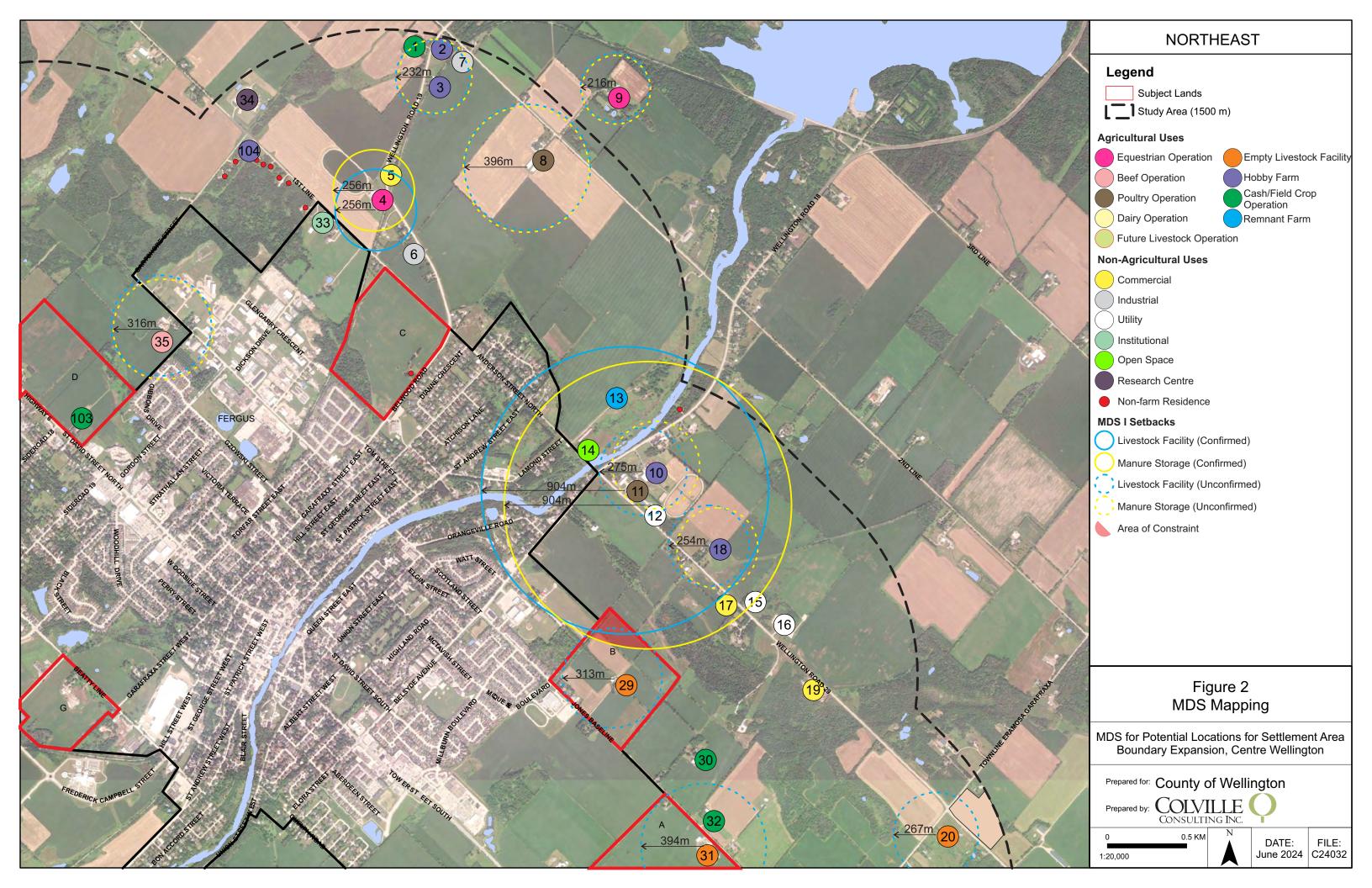
For building permit applications for proposed dwellings, where required in accordance with Implementation Guideline #7, MDS I setbacks are measured as the shortest distance between the proposed dwelling and either the surrounding manure storages, anaerobic digesters or the livestock occupied portions of the livestock barns.

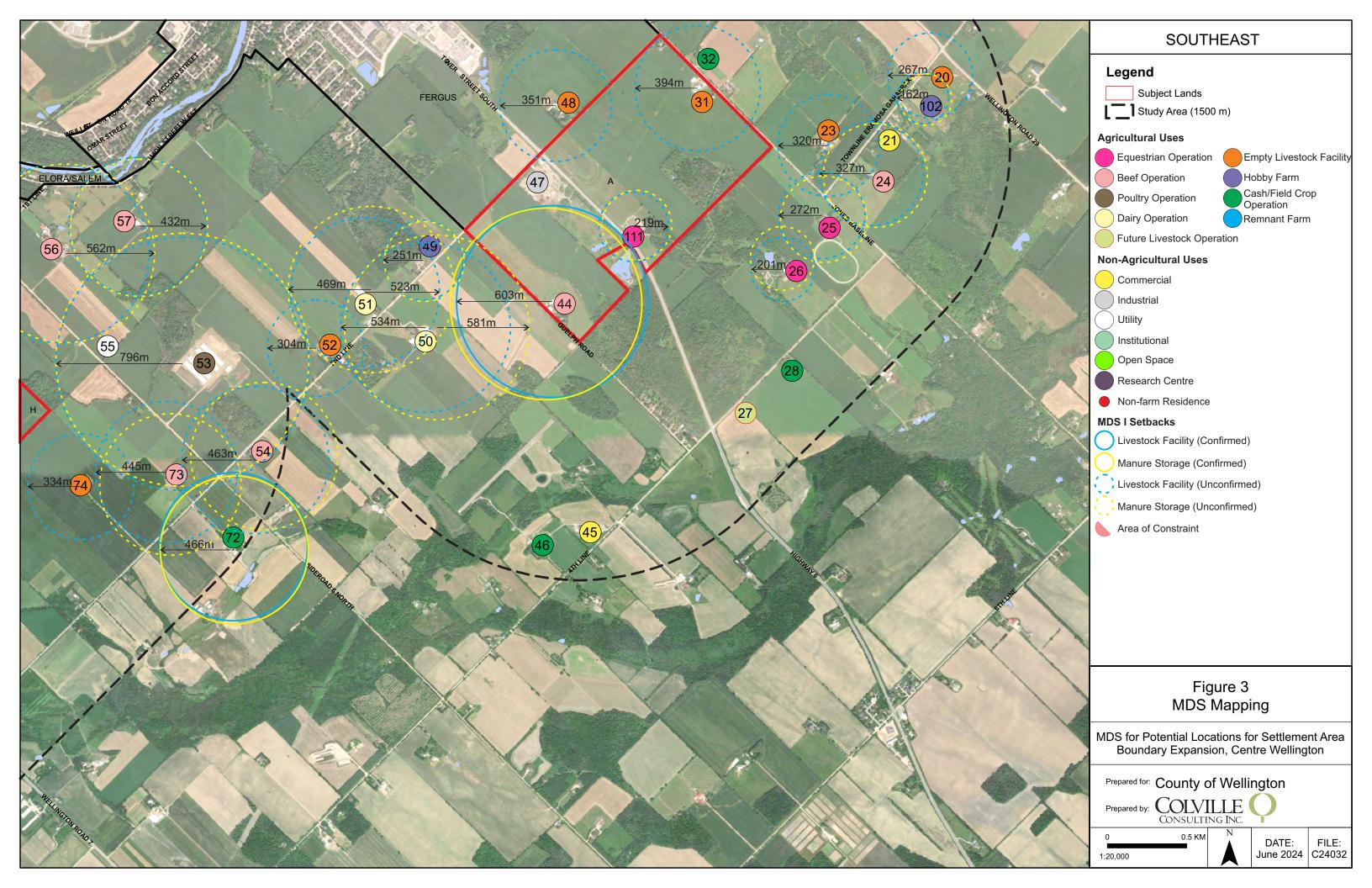
As discussed above, MDS I setback distances shall be applied to the shortest distance between the Subject Lands (i.e., nearest Focus Area) and the manure storages or livestock occupied portions of the livestock facility.

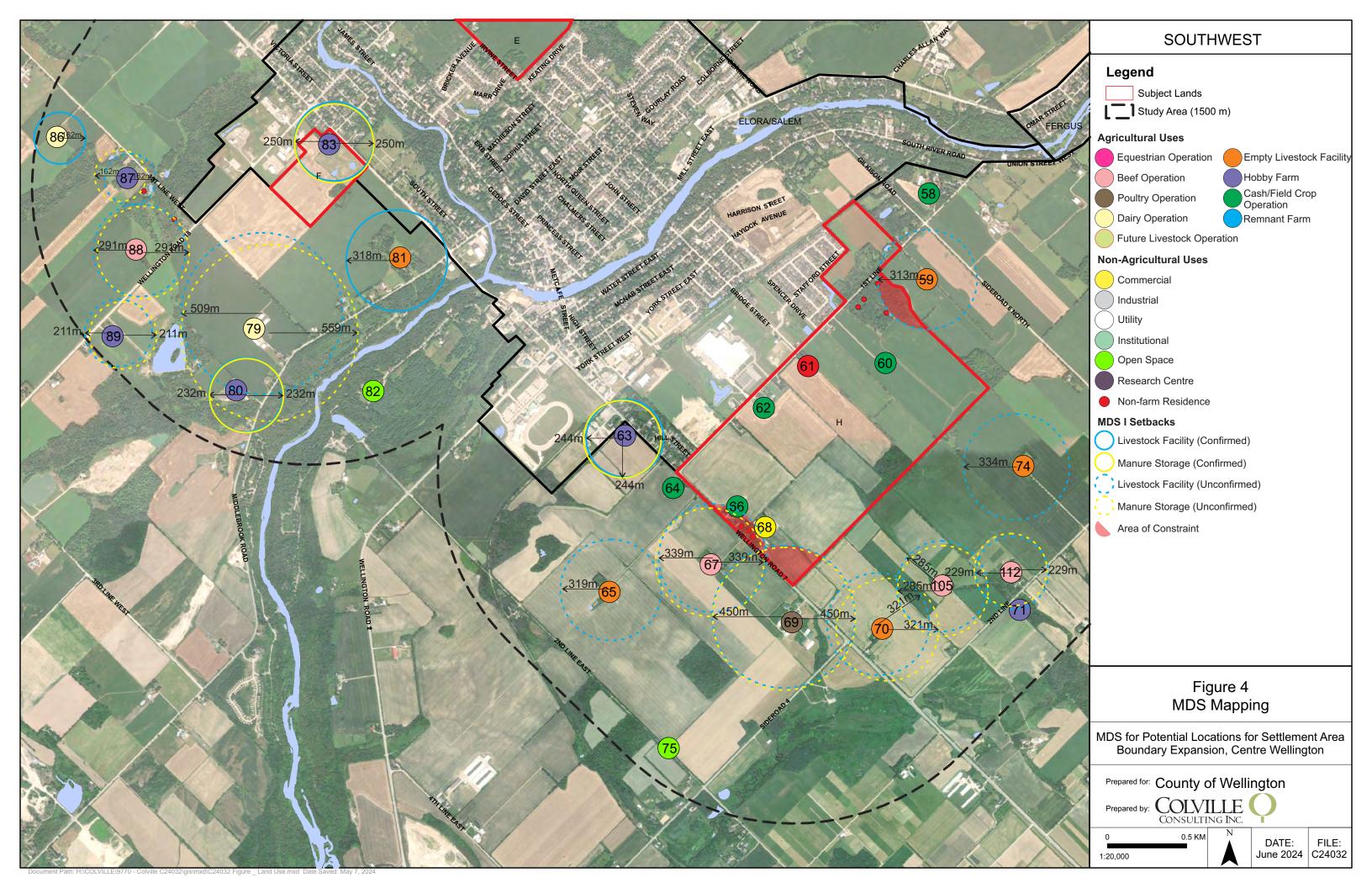
Application of MDS I Formula

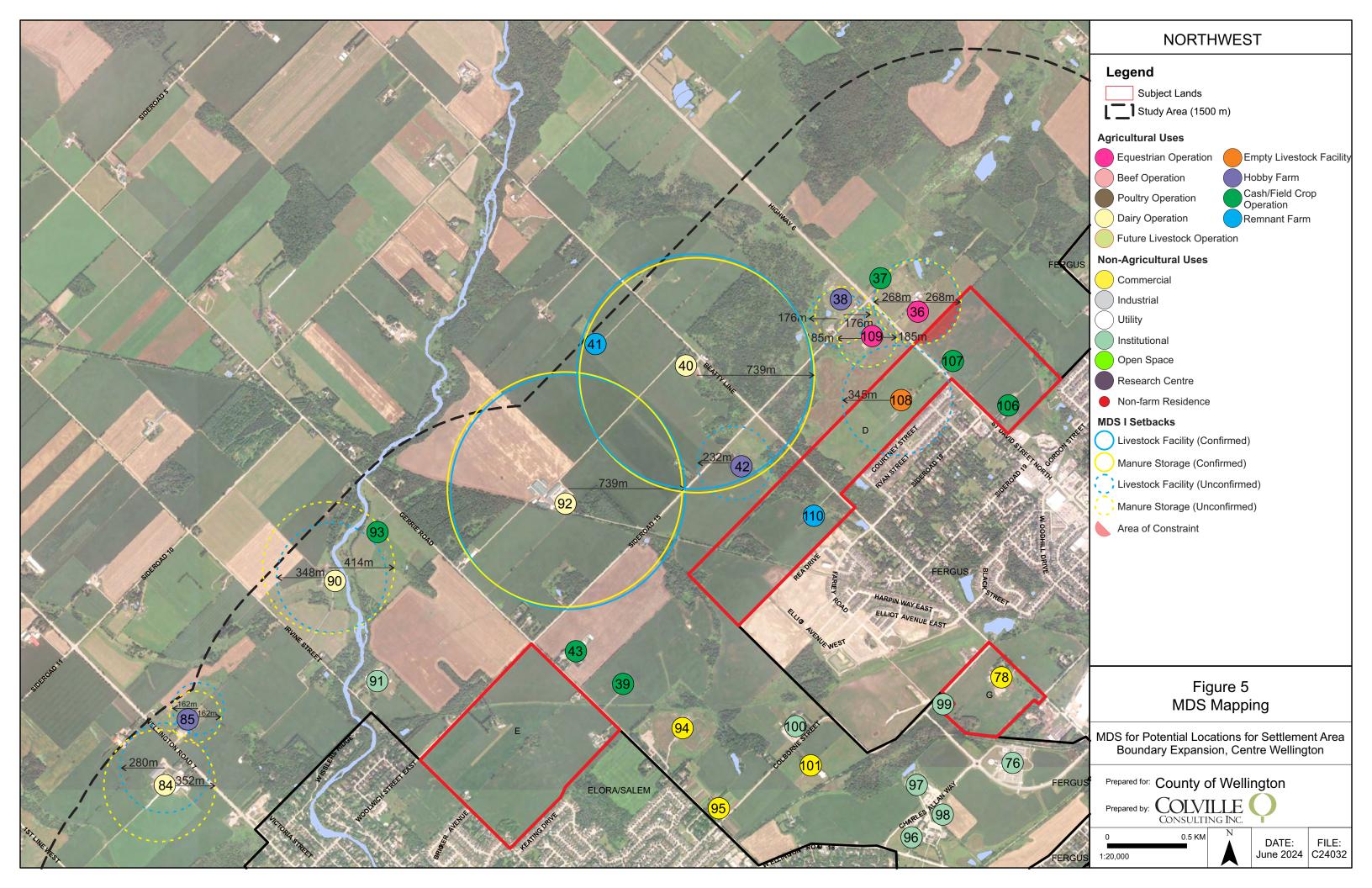
The information collected during the land use survey and interpretation of aerial photography was entered into OMAFRA's AgriSuite Software and used to generate the MDS setback distance for a Type B Land Use (expanding settlement area boundary). For ease of viewing and interpretation, the Study Area has been sub-divided into four quadrants (i.e., northeast, southeast, southwest, and northwest). The MDS I setbacks have been calculated and mapped for all manure storage systems and livestock facilities capable of housing livestock within the Study Area, as shown in Figures 2 through 5 below. These figures also identify areas of encroachment that the calculated MDS I setbacks have on the Focus Areas.

As per the MDS Guidelines, information for each livestock operations was collected directly from the landowner of the operation, where possible. Where this was not possible, we relied on observations from the land use survey, aerial photographic interpretation, and mapping software to calculate lot size and barn dimensions. Within Figures 2 through 5, MDS setback arcs are mapped with solid lines for operations where information was gathered directly from the landowner of the operation, and dashed lines when the information could not be confirmed. When the information for MDS I calculations could not be obtained from landowners, a 'worst-case' MDS I setback arc (i.e., larger setback) was applied to the operation. This worst-case scenario is based on observations and the assumption of most likely type of livestock and manure facilities. Barn capacity is calculated using the outside dimensions of the facility using on-line measuring tools.









RESULTS

Operations #11, #36, #50, #59, #67, and #69 all generate MDS I setbacks that encroach into the Subject Lands. These operations encroach 0.38 ha into Focus Area 'A', 4.68 ha into Focus Area 'B', 2.88 ha into Focus Area 'D', and 13.34 ha into Focus Area 'H'. Operations which are located within one of the eight Focus Areas have not been included in the encroachment area calculations, as the MDS setbacks of these operations will no longer apply if the lands are brought into the settlement area. However, the MDS I setbacks for operations within the Focus Areas have been calculated and mapped in the event that the lands are not included in SABE. All other manure storages and livestock facilities identified within the Study Area are well removed from the Subject Lands and do not create any MDS I related constraints to SABE. The Minimum Distance Separation I (MDS I) Reports generated by the MDS I software are provided in Appendix C.

As per Guideline No. 12 in the *The Minimum Distance Separation (MDS) Document* (2016), a reduced MDS setback may be permitted if four or more non-agricultural uses are located between and closer to the livestock facility than the proposed development. While there are livestock operations within the Study Area which the calculated MDS setbacks could be reduced through Guideline No. 12, for the purposes of this preliminary report, setbacks have not been reduced at this time to show the full extent of MDS I setbacks. Within the upcoming AIA, Guideline No. 12 will be applied

CONCLUSIONS

The MDS I setback requirements were assessed for all manure storage systems and livestock facilities capable of housing livestock within 1,500 m of the Subject Lands. The study determined that the MDS I formula setback requirement from livestock operations will encroach onto candidate site A, B, D and H, and will not encroach on sites C, E, F & G. The results of this study are intended to assist in refining potential locations for settlement area boundary expansion prior to undertaking an Agricultural Impact Assessment.

Thank you for retaining our services. Please call me at 905-935-2161 or email Nash@colvilleconsultinginc.com, John@colvilleconsultinginc.com or Sean@colvilleconsultinginc.com if you have any questions regarding the contents of this report.

Respectfully submitted by:

Sean Colult

Sean Colville, B.Sc., P.Ag.

Colville Consulting Inc.

COLVILLE CONSULTING INC.

Appendix A

Land Use Notes

Study Area Land Use Survey Notes

Date		Temperature	Cloud Conditions	Wind
May 8th, 20)24	13°C (19°C)	Few Clouds	28 km/h W
May 15 ^{th,} 2024		15°C (21°C)	Overcast/Few Clouds	16km/h E
Site No.	Type of Operation	Land Use	Description of Operat	ion
1	Cash/Field Crop Operation	Agricultural	Large bank barn, okan Smaller barn with Large home with maning No sign of a livestock Spoke with landor confirmed there is no line of structures capable livestock.	equipment. cured lawn. k operation. wner who westock and
2	Hobby Farm	Agricultural	Paddocks, small field barn capable of housin Large garage conver former barn based imagery, skid stee equipment.	ng livestock. ted out of on aerial
3	Retired Hobby Farm	Agricultural	House under cordisrepair. Open holes along property line. Sofair to poor condicapable of housing Watercourse between Topsoil/manure pile. Lehobby farm.	mall barn in tion, likely livestock. 2 and 3.
4	Equestrian Operation	Agricultural	Several large barns condition. Horse at observed. 3 large trac- grain pile, multiple Spoke with landowned there are 27 stalls for h	nd chariot tors, 1 large paddocks. er who said
5	Commercial	Non-Agricultural	Columbia Precision Power – lawmower sal	

6	Industrial	Non-Agricultural	Jeni Mobile Wash. 2 large propane/gas tanks. 2 large structures. Possibly a former agricultural operation now an industrial operation. No livestock, paddocks, manure, etc. observed.
7	Industrial	Non-Agricultural	Active security system, possibly old implement shed converted to shop, large trucks observed in aerial photos, no sign of livestock, no structures capable of housing livestock
8	Poultry Operation	Agricultural	OFA member. 2 metal silos, 2 large barns good condition. 2 manure piles in back, 3 silos in air photos. Manure piles walled on 2 sides. 2 workers on site, no information provided.
9	Equestrian Operation	Agricultural	Multiple paddocks, private property, no trespassing, barn appears to be capable of housing livestock from aerial photos, uncapped silo, likely an equestrian operation.
10	Hobby Farm	Agricultural	Fresh eggs. Lots of traffic. Trailer/RV storage. Paddocks, horse stable, large red bank barn. 2 horses observed. Appears to have previously been larger operation, now used as hobby farm/storage facility, barns still capable of housing livestock.
11	Poultry Operation	Agricultural	2 older large poultry barns good condition, active. 1 barn brand new. Manure/compost pile at rear. 1 older barn completely empty but capable of holding livestock.
12	Utility	Non-Agricultural	Communications tower.

13	Remnant Farm	Agricultural	Former agricultural operation. No access (gate closed). 2 barns, 1 wood 1 metal. Wood barn very poor condition unsuitable to house livestock, metal barn poor condition, unlikely capable of housing livestock.
14	Open Space	Non-Agricultural	Pierpoint Fly Fishing Nature Reserve.
15	Utility	Non-Agricultural	Communications tower.
16	Utility	Non-Agricultural	Electrical utilities.
17	Commercial	Non-Agricultural	Investment Planning Council (financial services)
18	Hobby Farm	Agricultural	1 large wood bank barn with metal roof, good condition. Paddock. Pile of fence posts. Potential renovations to farm structure. Old wooden barn poor condition, boards missing. Unlikely to house livestock. No trespassing. Likely hobby farm. Small manure pile covered with hay (check air photos). Barn/implement shed likely holding farm equipment for adjacent crops. Six beef cows observed in 2018 Google Streetview photos, sheep observed in 2022
19	Commercial	Non-Agricultural	Leslie's Equipment. Autobody/scrap metal yard.
20	Empty Livestock Facility	Agricultural	Former farm with small barn likely capable but not currently holding livestock. No sign of livestock since approximately 2006 based on aerial photos, overgrown around barn.
21	Commercial	Non-Agricultural	Grand Electric Residential, Commercial, and Agricultural Services.

22	Equestrian Operation	Agricultural	CanterBerry Stables. 3 paddocks, 2 large barns, 8 horses observed. Multiple other fenced in areas for grazing. OFA Member.
23	Empty Livestock Facility	Agricultural	Large wooden bank barn with metal roof good condition, 1 missing board. Uncapped silo. Large metal implement shed. Quonset hut. No sign of livestock, capable of housing livestock.
24	Beef Operation	Agricultural	Old wooden bank barn metal roof rusted with missing boards. Okay condition. Housing livestock. Manure pile in back (from air photos). Small beef operation (11 cattle observed). Electric fence, no trespassing sign. CFFO member.
25	Equestrian Operation	Agricultural	Equestrian. Large horse track. Wooden bank barn metal roof good condition. Horse trailer, tractor. Paddock, large manure pile behind second barn – stable for horses. Multiple long paddocks – grazing.
26	Equestrian Operation	Agricultural	4 horses observed. Barn, new farm, Quonset hut, multiple paddocks.
27	Future Livestock Operation	Agricultural	Two large farming buildings under construction. Not active. Likely to be a dairy operation, but not currently capable of housing livestock.
28	Cash/Field Crop Operation	Agricultural	Swan Creek Farm. Appears to be cash crop. No evidence of livestock.
29	Empty Livestock Facility	Agricultural	Former livestock operation now likely cash crop operation, paddocks removed in 2019, likely a former beef operation, no signs of livestock, barn still capable of housing livestock.

30	Empty Livestock Facility	Agricultural	Small paddock area surrounding wooden bank barn. Likely former livestock operation turned cash crop. No signs of livestock. Small uncapped silo. Spoke with landowner who informed that the barn has been converted for storage use and would not be capable of housing livestock without significant investment.
31	Empty Livestock Facility	Agricultural	1 large barn, 1 capped cement silo, 1 implement shed, Quonset hut. Likely a former dairy operation, one silo and grain bins removed, no sign of livestock, barn still capable of housing livestock.
32	Cash/Field Crop Operation	Agricultural	True Craft Contracting. "Fresh Asparagus". Commercial/residential building likely associated with small cash crop operation.
33	Institutional	Non-Agricultural	Canadian Reformed Church of Fergus North
34	Research Centre	Non-Agricultural	Ontario Nutrilab Inc. Pet product testing facility specializing in nutrient analysis, palatability trials and digestibility No trespassing. Large gate, no access. Surrounded by large, vegetated berms and electric fences.
35	Beef Operation	Agricultural	Wooden bank barn metal roof okay condition 2 boards missing. 3 plastic Quonset huts, small couplike structure, 1 capped silo. No livestock observed but likely capable of housing livestock. Manure storage on back side of barn observed through aerial imagery, likely a small beef operation.

36	Equestrian Operation	Agricultural	3 bank barns multiple paddocks, equestrian. 7 horses observed. 6611 Highway 6.
37	Cash/Field Crop Operation	Agricultural	OFA member. Cash/field crop.
			Hoppy Fields Farm. Hobby farm with chickens. 30-40 chickens observed. Paddocks.
38	Hobby Farm	Agricultural	2 horses, 15-20 goats all ages, visible. Hobby farm. "R R". 7784 Sideroad 15. 1 small gambrel barn. Multiple paddocks. (2nd Description originally another number, consolidated upon further study)
39	Cash/Field Crop Operation	Agricultural	Appears to be cash/field crop operation. One small bank barn, one Quonset hut. No evidence of livestock. Historical air photos show no previous evidence of livestock on the property.
40	Dairy Operation	Agricultural	Large bank barn structure good condition holding hay. 2 large silos. Dairy cows. Upon further research, it was found that this operation is associated (on same assessment parcel) as Farm 92. MDS calculation from this operation has been added to Farm 92.
41	Remnant Farm	Agricultural	No longer exists, remnant farm.
42	Hobby Farm	Agricultural	Large wooden bank barn metal roof good condition. Plastic Quonset hut. Fencing/paddock. Large grazing area. Uncapped silo.

43	Cash/Field Crop Operation	Agricultural	1 capped silo 1 uncapped silo. Multiple Quonset huts with farming equipment inside. Potential grain harvesting operation. OFA member. Spoke to landowner, no livestock, just grain operation.
44	Beef Operation	Agricultural	3 uncapped silos, bank barn metal roof good condition. Associated field crops. Manure pile outside uncovered. 2 long barns holding cattle. 3 viable livestock holding barns. 15 cattle visible 8-10 calves, more in barn. Burnside Farms. MDS II received indicating capacity for 510 beef cattle
45	Commercial	Non-Agricultural	Bellamy Electric. Likely retired cash crop operation. Laneway still in use for tractor traffic.
46	Cash/Field Crop Operation	Agricultural	No access. Appears to be cash/field crop operation accessed through Bellamy Electric (45).
47	Industrial	Non-Agricultural	Grand River Natural Stone.
48	Empty Livestock Facility	Agricultural	7856 2 nd Line. 1 large barn good condition, no sign of livestock. Small shed holding farm equipment/vehicle. 2 silos, 1 capped, 1 uncapped. Round walled liquid manure storage structure decommissioned, uncovered. Private property signs with cameras. Left MDS letter.
49	Hobby Farm	Agricultural	Small barn good condition. Appears to be hobby farm. 3 beef cows observed, outdoor manure storage. Hay storage in back.

50	Dairy Operation	Agricultural	Faregrove Holstien. 2 large barns, 1 with cattle visible (approximately 15 Holsteins observed). Chickens – likely laying hens. Lots of farm implements, large implement storage, silage bunker, silos. Dairy and eggs.
51	Dairy Operation	Agricultural	Large dairy operation. 4 large barns good condition. 1 silo, capped. 25+ cattle observed. 7694 2 nd Line.
52	Cash/Field Crop Operation	Agricultural	Faodail Farm. Likely former livestock operation now cash crop. 7672 2 nd Line. No evidence of livestock, still capable of housing livestock.
53	Poultry Operation	Agricultural	7652 2 nd Line. No trespassing. Large operation, no access. Check air photos.
54	Hobby Farm	Agricultural	Hobby farm. Evidence of livestock. Paddock, 2 barns okay condition capable of housing livestock. Area for manure storage, no manure present.
55	Utility	Non-Agricultural	Utilities
56	Beef Operation	Agricultural	Hilloch Farm. 033 First Lie. OFA member. Spoke to landowner, confirmed livestock on property, did not feel comfortable disclosing what/how many. Manure storage walled in back. two capped silos. Two long green barns in back, one large bank barn, one implement shed
57	Beef Operation	Agricultural	Likely associated with Hilloch Farms (56). No access, check air photos and parcel data.

58	Cash/Field Crop Operation	Agricultural	Appears to be growing vegetables/field crop. Greenhouse in back. No access. No evidence of livestock from road/air photos.
59	Empty Livestock Facility	Agricultural	0239 1st Line. Large Bank Barn, wooden with metal roof good condition. No obvious signs of livestock. Appears retired. Implement shed. Barn appears capable of holding livestock. No one home. Historical air photos does not show any evidence of past livestock on the property.
60	Cash/Field Crop Operation	Agricultural	No trespassing sign. 1 farm structure, no signs of livestock. Field/cash crop operation.
61	NFR	Non-Agricultural	OFA Member. No access no trespassing. Check air photos. Roadway under construction. Based on air photos, likely NFR. Fields behind property not on same parcel as house.
62	Cash/Field Crop Operation	Agricultural	Lake Ag Ventures Ltd. OFA member. Pioneer Brand Products. Likely grain operation. 2 barn structures with garages likely used for implement storage. No evidence of livestock observed from road or air photos. No animals inside barns. Does not appear to be capable of housing livestock without additional investment.
63	Hobby Farm	Agricultural	OFA member. Fruit and vegetable stand. Appears to be small hobby farm. 1 small barn structure capable of housing livestock.6448 Wellington Road 7. Surrounded by NFR.

64	Cash/Field Crop Operation	Agricultural	Likely cash/field crop. No signs of livestock. Likely not capable of housing livestock.
65	Empty Livestock Facility	Agricultural	Abandoned house, large gambrel barn okay-poor condition. Vacant/retired. Laneway associated with hay production.
66	Cash/Field Crop Operation	Agricultural	Eloa View Farm. 6389 Wellington Road 7. Large barn structure metal roof okay condition boards missing. No trespassing no parking without written permissions. Farm structures appear to have been repurposed for non-agricultural/livestock use (Large garage doors on old barns). Check air photos. From air photos, appears to not be
			semi-non agricultural, but based off parcel data, likely still associated with cash/field crops.
67	Beef Operation	Agricultural	6374 Wellington Road 7. Large bank barn okay condition. Uncapped silo. Paddocked area, no livestock heard/observed. Walked around site. Electric fences around paddock. Likely capable of housing livestock. No mailbox to leave letter. Based off air photos, appears to be former beef operation. Appears their may be some horses currently on the property.
68	Commercial	Non-Agricultural	6363 Wellington Road 7. Cousins and Johnson Inc. Construction company. Spoke to office, confirmed no livestock.

69	Poultry Operation	Agricultural	6342 Wellington Road 7. Webfoot, duck and hatchery. Grain elevator, multiple structures, large operation 10+ structures. 3-4 long bank barns metal roof good condition. 3 structures observed to hold equipment. Letter and phone number given to office. Several propane tanks observed.
70	Hobby Farm	Agricultural	Haigsee Holstiens. Biota Farms Organic Vegetables. 6295 Wellington Road 7. 2 barn structures wood sides metal roof poor condition. Appears to be storing equipment. Small chicken coop. 1 large 1 small plastic sided greenhouses. Likely retired cattle operation, now hobby farm. Walked past barn no cows observed/heard. Based on air photos, appears to have been active in 2007.
71	Hobby Farm	Agricultural	7571 Wellington Road 7. Small hobby farm. Fresh eggs and maple syrup. Cannot see any livestock structure on site.
72	Cash/Field Crop Operation	Agricultural	Large silo, several large farm implements. Spoke with landowner, grain operation, 3 beef cattle on site for personal use. Former beef operation, barns still capable of housing livestock.
73	Beef Operation	Agricultural	7588 2 nd Line. OFA member. 2 barns in great condition. Cattle operation, manure storage in front uncovered. 10 geese, 16 chickens, 20+ cows observed. No on home. Large paddock area.

74	Empty Livestock Facility	Agricultural	Retired livestock barn in poor condition. Likely incapable of housing livestock. Upon reviewing air photos, appears to be a retired livestock operation, potentially still functioning as a field/cash crop operation. Area surrounding bank barn (metal roof, appears to be in okay condition from air photos) appears to be overgrown and no longer operational. Historical air photos show evidence of active livestock usage on the property as recently as 2021. Therefore, assumed that barn structure still capable of housing livestock.
75	Open Space	Non-Agricultural	Cottontail Road Trail, formerly 2 nd Line East. No car access.
76	Institutional	Non-Agricultural	Groves Memorial Community Hospital.
77	Institutional	Non-Agricultural Wellington County Muser Archives.	
78	Commercial	Non-Agricultural	Yard Weasels Landscape Products.
79	Diary Operation	Agricultural	River Front Farms. 7406 Middlebrook Road. Biosecurity, no entry. AO Smith Slurry Store System. Based on air photos, appears to be dairy operation with walled liquid manure storage. 2 dairy barns.
80	Hobby Farm	Agricultural	12 laying hens confirmed with landowner. Hobby farm/cash crops. 7386 Middlebrook Road.

81	Empty Livestock Facility	Non-Agricultural (Future Agricultural)	The Fieldstone Barn. No livestock currently. Retired cattle farm, owner not on site for the day, spoke with "Nick" and left letter. Spoke to landowner, future planning for chickens, alpacas, and goats.
82	Open Space	Non-Agricultural	Elora Gorge Conservation Area
83	Hobby Farm	Agricultural	Large bank barn 1 capped silo, 3 horses observed from road. Equestrian hobby farm. Spoke with tenant of house on property, landowner owns The Gorge restaurant down the road. Tenants' sister rents barn with horses. Left contact information with tenant to give to sister. Received a call from current tenant (Donna), 5 horses currently on
84	Dairy Operation	Agricultural	property, max 25 capacity in barn. 6698 Wellington Road 7. OFA member. Cnossen Dairy. 7 goats, 5 ducks. Dairy operation. 7 barn structures wood and metal siding, good condition. Cattle observed housed in 1. Spoke to landowner, max capacity is 200, currently housing less. No anerobic digester. Manure storage behind barn, walled silage bunker observed from road.
85	Commercial/Hobby Farm	Non-Agricultural/ Agricultural	Shantz Automotive Auto Repair Shop. 1800 Wellington Road 7 (rented). In rear: livestock, landowner not home, left letter. Observed 3 horses, appears to be hobby farm.

86	Dairy Operation	Agricultural	Bellwin Farms. Holstiens. 24 cows no anerobic digester. Leased by neighbour. Manure pile uncovered. Likely 30 max. Spoke to landowner barn in great condition, 1 capped silo.	
87	Hobby Farm	Agricultural	Hobby farm, 2 horses observed small stable/barn good condition.	
88	Beef Operation	Agricultural	Bank barn wood metal roof okay condition. Large manure pile in front. Old/decommissioned liquid manure storage on back of barn. Cows and calves observed in barn. Only 1 structure suitable to house livestock. 7394 Wellington Road 18	
89	Hobby Farm	Agricultural	7361 Wellington Road 18. 1 farm structure appears capable of housing livestock. 3 horses, chickens, for personal use. Spoke to landowner.	
90	Dairy Operation	Agricultural	12 cattle observed from road, dairy operation. No trespassing sign, no access. Check air photos. Milky Hills Farm. Housing approximately 50 cattle.	
91	Institutional	Non-Agricultural	Portage Ontario Institutional Drug Addiction and Rehabilitation for Adolescents in Ontario.	
92	Dairy Operation	Agricultural	Drost Cattle Company. Check air photos. Appears to have 3 buildings capable of holding livestock. Likely beef or dairy. Upon further investigation, this operation is part of #42 and will have the barn capacity combined and applied to both locations.	

93	Cash/Field Crop Operation	Agricultural	No one on site. 2 barns metal siding good condition. Does not appear to be housing livestock, barn holding lumber. No signs of livestock.	
94	Commercial	Non-Agricultural	Elora Transfer Station, waste management service	
95	Commercial	Non-Agricultural	Gerrie's Farm Market Inc.	
96	Institutional	Non-Agricultural	Wellington County Police Station	
97	Institutional	Non-Agricultural	Wellington Long Term Care	
98	Institutional	Non-Agricultural	Wellington Place Childcare and Learning Centre	
99	Institutional	Non-Agricultural	Kingdom Hall of Jehovah's Witnesses	
100	Institutional	Non-Agricultural	Central Church	
101	Commercial	Non-Agricultural	GrahamGolden – Temporarily Closed	
102	Hobby Farm	Agricultural	Hobby farm. 2 small paddocks, 1 small barn, 1 small manure pile in back. Evidence of livestock but none observed. Likely horses.	
103	Cash/Field Crop Operation	Agricultural	Quonset hut, large amount of hay storage, bank barn to good to fair condition, storage observed in bank barn, uncapped silo, no sign of livestock, barn does not appear capable of housing livestock.	
104	Hobby Farm	Agricultural	Small hobby farm that likely had horses in the past. No livestock observed. Small barn for housing horse in fair condition, paddocks.	
105	Beef Operation	Agricultural	Appears to be small beef operation. Cattle grazing can be seen in air photos. 1 barn structure appears to be capable of housing livestock. Paddocks and solid outdoor manure storage.	

106	Cash/Field Crop Operation	Agricultural	Appears to be cash/field crop operation. No signs of livestock	
107	Cash/Field Crop Operation	Agricultural	Appears to be cash/field crop operation. No signs of livestock	
108	Empty Livestock Facility	Agricultural	Appears to be cash/field crop operation. No signs of livestock, however air photos suggest an active livestock operation in 2006. Now area around barn structure overgrown. "Hay for Sale" sign in front.	
109	Equestrian Operation	Agricultural	Appears to be equestrian operation. Expanded sometime after 2019. Smaller farm structure assumed to be stable, while larger structure assumed to be indoor arena/riding ring.	
110	Remnant Farm	Agricultural	Appears to be abandoned/remnant farm structure.	
111	Equestrian Operation	Agricultural	Large barn and smaller barn, paddocks, horse sign on barn, one horse observed outside.	
112	Beef Operation	Agricultural	Unable to see barn structure from road. Upon reviewing air photos, appears to be small Beef operation/hobby farm. Paddocks and solid outdoor manure storage, with field on the back of the property to graze.	

	Total Number	Active	Inactive	
Agricultural	80	18 – Cash/Field Crop Operation 17 – Hobby Farm 8 – Equestrian Operation 4 – Poultry Operation 10 – Beef Operation 7 – Dairy Operation	1 – Retired Hobby Farm 11 – Empty Livestock Facility 3 – Remnant Farm 1 – Future Livestock Operation	
Agriculture-Related	0	0	0	
On-farm Diversified	0	0	0	
	Total Number	Туре		
		11 – Commercial		
	ricultural 56	3 – Industrial		
		25 – Non-farm residential		
Non-Agricultural		4 – Utility		
		3 – Open Space Use		
		9 – Institutional		
		1 – Research Centre		

Appendix B

Site Photographs



Photo 1: Farm 36





Photo 3: Farm 67



Appendix C

AgriSuite Reports





Centre Wellington

General information

Application date Jun 4, 2024

Applicant contact information (!)

ON

Municipal file number

Location of subject lands County of Wellington Township of Centre Wellington GARAFRAXA Concession 1 , Lot 8 Proposed application

New or expanding settlement area boundary

Operation #10

ON

Farm contact information (!)



Location of existing livestock facility or anaerobic digestor

County of Wellington

Township of Centre Wellington

GARAFRAXA Concession 2, Lot 5 Roll number: 2326

Total lot size 15.76 ha

Livestock/manure summary

Manure Form	Type of livestock/manure	Existing maximum number	Existing maximum number (NU)	Estimated livestock barn area
Solid	Horses, Large-framed, mature; > 680 kg (including unweaned offspring)	33	47.1 NU	996 m²



Confirm Livestock/Manure Information (Operation #10)

The livestock/manure information has not been confirmed with the property owner and/or farm operator.

Setback summary

Existing manure storage V3. Solid, outside, no cover, >= 30% DM

47.1 NU Design capacity Potential design capacity 47.1 NU

Factor A (odour potential) 0.7 Factor D (manure type) 0.7

Factor B (design capacity) 254.28 Factor E (encroaching land use)

Building base distance 'F' (A x B x D x E) (minimum distance from livestock barn)

Actual distance from livestock barn

275 m (902 ft)

275 m (902 ft) Storage base distance 'S'

(minimum distance from manure storage)

Actual distance from manure storage

NA

Farm contact information (!)



Location of existing livestock facility or anaerobic digestor County of Wellington Township of Centre Wellington

ERAMOSA

Concession 1, Lot 32 Roll number: 2326

Total lot size 4.85 ha

162 m (531 ft)

162 m (531 ft)

Livestock/manure summary

Manure Form	Type of livestock/manure	Existing maximum number	Existing maximum number (NU)	Estimated livestock barn area
Solid	Horses, Large-framed, mature; > 680 kg (including unweaned offspring)	3	4.3 NU	91 m²



Confirm Livestock/Manure Information (Operation #102)

The livestock/manure information has not been confirmed with the property owner and/or farm operator.

Setback summary

Existing manure storage V3. Solid, outside, no cover, >= 30% DM

Design capacity 4.3 NU Potential design capacity 4.3 NU

Factor A (odour potential) 0.7 Factor B (design capacity) 150 Factor D (manure type) 0.7 Factor E (encroaching land use) 2.2

Building base distance 'F' (A x B x D x E) (minimum distance from livestock barn)

Actual distance from livestock barn NA

Storage base distance 'S' (minimum distance from manure storage)

Farm contact information (!)



Location of existing livestock facility or anaerobic digestor County of Wellington
Township of Centre Wellington

Total lot size

3.94 ha

GARAFRAXA Concession 2, Lot 5 Roll number: 2326

Livestock/manure summary

Manure Form	Type of livestock/manure	Existing maximum number	Existing maximum number (NU)	Estimated livestock barn area
Solid	Chickens, Broilers	42504 m²	1713.9 NU	42504 m²

Setback summary

Existing manure storage V3. Solid, outside, no cover, >= 30% DM

Design capacity 1713.9 NU Potential design capacity 1713.9 NU

Factor A (odour potential) 0.7 Factor B (design capacity) 838.53 Factor D (manure type) 0.7 Factor E (encroaching land use) 2.2

Building base distance 'F' (A \times B \times D \times E) (minimum distance from livestock barn) 904 m (2966 ft)

Actual distance from livestock barn NA

904 m (2966 ft) Storage base distance 'S'

(minimum distance from manure storage)

Farm contact information (!)



Location of existing livestock facility or anaerobic digestor

County of Wellington Township of Centre Wellington

NICHOL

Concession 3, Lot 12 Roll number: 2326

Total lot size 19.47 ha

202.86

2.2

Livestock/manure summary

Manure Form	Type of livestock/manure	Existing maximum number	Existing maximum number (NU)	Estimated livestock barn area
Solid	Horses, Large-framed, mature; > 680 kg (including unweaned offspring)	15	21.4 NU	453 m²



Confirm Livestock/Manure Information (Operation #111)

The livestock/manure information has not been confirmed with the property owner and/or farm operator.

Setback summary

Existing manure storage V3. Solid, outside, no cover, >= 30% DM

Design capacity 21.4 NU Potential design capacity 21.4 NU

Factor A (odour potential) 0.7 Factor B (design capacity) Factor D (manure type) 0.7 Factor E (encroaching land use)

Building base distance 'F' (A x B x D x E) 219 m (718 ft) (minimum distance from livestock barn)

Actual distance from livestock barn NA

Storage base distance 'S' 219 m (718 ft)

(minimum distance from manure storage)

Farm contact information (!)



Location of existing livestock facility or anaerobic digestor

County of Wellington Township of Centre Wellington

GARAFRAXA Concession 2, Lot 4 Roll number: 2326

Total lot size 41.21 ha

Livestock/manure summary

Manure Form	Type of livestock/manure	Existing maximum number	Existing maximum number (NU)	Estimated livestock barn area
Solid	Sheep, Ewes & rams (for meat lambs; includes unweaned offspring & replacements), Outside Access	300	37.5 NU	418 m²



Confirm Livestock/Manure Information (Operation #18)

The livestock/manure information has not been confirmed with the property owner and/or farm operator.

Setback summary

Existing manure storage V3. Solid, outside, no cover, >= 30% DM

Design capacity 37.5 NU Potential design capacity 37.5 NU

Factor A (odour potential) 0.7 Factor B (design capacity) Factor D (manure type) 0.7 Factor E (encroaching land use) 2.2

Building base distance 'F' (A x B x D x E) (minimum distance from livestock barn)

Actual distance from livestock barn NA

Storage base distance 'S'

(minimum distance from manure storage)

Actual distance from manure storage NA

254 m (833 ft)

254 m (833 ft)

Farm contact information



Location of existing livestock facility or anaerobic digestor

County of Wellington

Township of Centre Wellington

ERAMOSA

Concession 1 , Lot 32 Roll number: 2326 Total lot size 5 ha

Livestock/manure summary

Manure Form	Type of livestock/manure	Existing maximum number	Existing maximum number (NU)	Estimated livestock barn area
Solid	Unoccupied Livestock Barn	239 m²	11.9 NU	239 m²



Confirm Livestock/Manure Information (Operation #20)

The livestock/manure information has not been confirmed with the property owner and/or farm operator.



Unoccupied Barn or Unused Storage (Operation #20)

The calculated setback is based on assumptions for an unoccupied barn or unused storage that may not reflect the actual design capacity.

Setback summary

Existing manure storage

- Not Specified -

Design capacity

11.9 NU

Potential design capacity

11.9 NU

Factor A (odour potential)
Factor D (manure type)

1 0.7 Factor B (design capacity) 173.16

Factor E (encroaching land use)

2.2

Building base distance 'F' (A x B x D x E) (minimum distance from livestock barn)

Actual distance from livestock barn

267 m (876 ft)

Storage base distance 'S'

(minimum distance from manure storage)

No existing manure storage

Actual distance from manure storage

NA

Farm contact information



Location of existing livestock facility or anaerobic digestor

County of Wellington Township of Centre Wellington

GARAFRAXA Concession 1, Lot 1 Roll number: 2326

Total lot size 34.78 ha

Livestock/manure summary

Manure Form	Type of livestock/manure	Existing maximum number	Existing maximum number (NU)	Estimated livestock barn area
Solid	Unoccupied Livestock Barn	475 m²	23.8 NU	475 m²



Confirm Livestock/Manure Information (Operation #23)

The livestock/manure information has not been confirmed with the property owner and/or farm operator.



Unoccupied Barn or Unused Storage (Operation #23)

The calculated setback is based on assumptions for an unoccupied barn or unused storage that may not reflect the actual design capacity.

Setback summary

Existing manure storage

- Not Specified -

Design capacity

23.8 NU

Potential design capacity

23.8 NU

Factor A (odour potential) Factor D (manure type)

1 0.7

Factor B (design capacity) 207.5

Factor E (encroaching land use)

Building base distance 'F' (A x B x D x E) (minimum distance from livestock barn)

Actual distance from livestock barn

320 m (1050 ft)

NA

Storage base distance 'S'

(minimum distance from manure storage)

No existing manure storage

Actual distance from manure storage

Farm contact information (!)



Location of existing livestock facility or anaerobic digestor

County of Wellington Township of Centre Wellington

ERAMOSA Concession 1, Lot 32

Roll number: 2326

Total lot size 24.24 ha

Livestock/manure summary

Manure Form	Type of livestock/manure	Existing maximum number	Existing maximum number (NU)	Estimated livestock barn area
Solid	Beef, Cows, including calves to weaning (all breeds), Yard/Barn	86	86 NU	399 m²



Confirm Livestock/Manure Information (Operation #24)

The livestock/manure information has not been confirmed with the property owner and/or farm operator.

Setback summary

Existing manure storage V3. Solid, outside, no cover, >= 30% DM

Design capacity 86 NU Potential design capacity 86 NU

Factor A (odour potential) 0.7 Factor D (manure type) 0.7

Factor B (design capacity) 303.24

Factor E (encroaching land use) 2.2

327 m (1073 ft)

327 m (1073 ft)

NA

Building base distance 'F' (A x B x D x E) (minimum distance from livestock barn)

Actual distance from livestock barn

Storage base distance 'S' (minimum distance from manure storage)

Farm contact information (!)



Location of existing livestock facility or anaerobic digestor

County of Wellington Township of Centre Wellington

NICHOL

Concession 4, Lot 14 Roll number: 2326

Total lot size 39.81 ha

272 m (892 ft)

272 m (892 ft)

Livestock/manure summary

Manure Form	Type of livestock/manure	Existing maximum number	Existing maximum number (NU)	Estimated livestock barn area
Solid	Horses, Large-framed, mature; > 680 kg (including unweaned offspring)	32	45.7 NU	966 m²



Confirm Livestock/Manure Information (Operation #25)

The livestock/manure information has not been confirmed with the property owner and/or farm operator.

Setback summary

Existing manure storage V3. Solid, outside, no cover, >= 30% DM

Design capacity 45.7 NU Potential design capacity 45.7 NU

Factor A (odour potential) 0.7 Factor B (design capacity) 251.42 Factor D (manure type) 0.7 Factor E (encroaching land use) 2.2

Building base distance 'F' (A x B x D x E) (minimum distance from livestock barn)

Actual distance from livestock barn NA

Storage base distance 'S' (minimum distance from manure storage)

Farm contact information (!)



Location of existing livestock facility or anaerobic digestor

County of Wellington Township of Centre Wellington

NICHOL

Concession 4, Lot 13 Roll number: 2326

Total lot size 39.37 ha

Livestock/manure summary

Manure Form	Type of livestock/manure	Existing maximum number	Existing maximum number (NU)	Estimated livestock barn area
Solid	Horses, Large-framed, mature; > 680 kg (including unweaned offspring)	11	15.7 NU	332 m²



Confirm Livestock/Manure Information (Operation #26)

The livestock/manure information has not been confirmed with the property owner and/or farm operator.

Setback summary

Existing manure storage V3. Solid, outside, no cover, >= 30% DM

Design capacity 15.7 NU Potential design capacity 15.7 NU

Factor A (odour potential) 0.7 Factor D (manure type) 0.7

Factor B (design capacity) 185.69 Factor E (encroaching land use) 2.2

Building base distance 'F' (A x B x D x E) (minimum distance from livestock barn)

Actual distance from livestock barn

Storage base distance 'S' (minimum distance from manure storage)

Actual distance from manure storage NA

NA

201 m (659 ft)

201 m (659 ft)

Farm contact information



Location of existing livestock facility or anaerobic digestor

County of Wellington
Township of Centre Wellington

GARAFRAXA Concession 1 , Lot 4 Roll number: 2326 Total lot size 33.65 ha

Livestock/manure summary

Manure Form	Type of livestock/manure	Existing maximum number	Existing maximum number (NU)	Estimated livestock barn area
Solid	Unoccupied Livestock Barn	427 m²	21.4 NU	427 m²



Confirm Livestock/Manure Information (Operation #29)

The livestock/manure information has not been confirmed with the property owner and/or farm operator.



Unoccupied Barn or Unused Storage (Operation #29)

The calculated setback is based on assumptions for an unoccupied barn or unused storage that may not reflect the actual design capacity.

Setback summary

Existing manure storage - Not Specified -

Design capacity 21.4 NU

Potential design capacity 21.4 NU

Factor A (odour potential) 1 Factor D (manure type) 0.7 Factor B (design capacity) 202.7

Factor E (encroaching land use)

2.2

Building base distance 'F' (A x B x D x E) (minimum distance from livestock barn)

Actual distance from livestock barn

313 m (1027 ft)

NA

Storage base distance 'S'

No existing manure storage

Actual distance from manure storage

(minimum distance from manure storage)

Farm contact information



Location of existing livestock facility or anaerobic digestor

County of Wellington

Township of Centre Wellington

GARAFRAXA Concession 2, Lot 9 Roll number: 2326 **Total lot size** 0.88 ha

Livestock/manure summary

Manure Form	Type of livestock/manure	Existing maximum number	Existing maximum number (NU)	Estimated livestock barn area
Solid	Unoccupied Livestock Barn	103 m²	5.2 NU	103 m²



Confirm Livestock/Manure Information (Operation #3)

The livestock/manure information has not been confirmed with the property owner and/or farm operator.



Unoccupied Barn or Unused Storage (Operation #3)

The calculated setback is based on assumptions for an unoccupied barn or unused storage that may not reflect the actual design capacity.

Setback summary

Existing manure storage V3. Solid, outside, no cover, >= 30% DM

Design capacity 5.2 NU
Potential design capacity 5.2 NU

Factor A (odour potential) 1 Factor B (design capacity) 150.5
Factor D (manure type) 0.7 Factor E (encroaching land use) 2.2

Building base distance 'F' (A x B x D x E)

232 m (761 ft)

(minimum distance from livestock barn)

Actual distance from livestock barn

Storage base distance 'S' 232 m (761 ft)

(minimum distance from manure storage)

Farm contact information



Location of existing livestock facility or anaerobic digestor

County of Wellington Township of Centre Wellington

NICHOL

Concession 3, Lot 14 Roll number: 2326

Total lot size 40.7 ha

Livestock/manure summary

Manure Form	Type of livestock/manure	Existing maximum number	Existing maximum number (NU)	Estimated livestock barn area
Solid	Unoccupied Livestock Barn	952 m²	47.6 NU	952 m²



Confirm Livestock/Manure Information (Operation #31)

The livestock/manure information has not been confirmed with the property owner and/or farm operator.



Unoccupied Barn or Unused Storage (Operation #31)

The calculated setback is based on assumptions for an unoccupied barn or unused storage that may not reflect the actual design capacity.

Setback summary

Existing manure storage

- Not Specified -

Design capacity

47.6 NU

Potential design capacity

47.6 NU

Factor A (odour potential)

1 Factor D (manure type) 0.7

Factor B (design capacity) 255.2 Factor E (encroaching land use)

Building base distance 'F' (A x B x D x E) (minimum distance from livestock barn)

Actual distance from livestock barn

Storage base distance 'S' (minimum distance from manure storage) No existing manure storage

Actual distance from manure storage

NA

NA

394 m (1293 ft)

Farm contact information



Location of existing livestock facility or anaerobic digestor County of Wellington

Township of Centre Wellington

NICHOL

Concession 16, Lot 18 Roll number: 2326

Total lot size 7.05 ha

Livestock/manure summary

Manure Form	Type of livestock/manure	Existing maximum number	Existing maximum number (NU)	Estimated livestock barn area
Solid	Beef, Cows, including calves to weaning (all breeds), Yard/Barn	74	74 NU	344 m²



Confirm Livestock/Manure Information (Operation #35)

The livestock/manure information has not been confirmed with the property owner and/or farm operator.

Setback summary

Existing manure storage V3. Solid, outside, no cover, >= 30% DM

Design capacity **74 NU** Potential design capacity 74 NU

Factor A (odour potential) 0.7 Factor D (manure type) 0.7

Factor B (design capacity) 292.51 Factor E (encroaching land use) 2.2

Building base distance 'F' (A x B x D x E) (minimum distance from livestock barn)

Actual distance from livestock barn

Storage base distance 'S'

(minimum distance from manure storage)

Actual distance from manure storage

316 m (1037 ft)

316 m (1037 ft)

NA

Farm contact information (!)



Location of existing livestock facility or anaerobic digestor County of Wellington
Township of Centre Wellington

GARAFRAXA Concession 2, Lot 9 Roll number: 2326

Total lot size 61.29 ha

Livestock/manure summary

Manure Form	Type of livestock/manure	Existing maximum number	Existing maximum number (NU)	Estimated livestock barn area
Solid	Horses, Large-framed, mature; > 680 kg (including unweaned offspring)	27	38.6 NU	815 m²

Setback summary

Existing manure storage V3. Solid, outside, no cover, >= 30% DM

Design capacity 38.6 NU Potential design capacity 38.6 NU

Factor A (odour potential) Factor D (manure type) 0.7 Factor B (design capacity) 237.14 Factor E (encroaching land use) 2.2 0.7

256 m (840 ft) Building base distance 'F' (A x B x D x E)

(minimum distance from livestock barn)

Actual distance from livestock barn NA

Storage base distance 'S' 256 m (840 ft)

(minimum distance from manure storage)

Farm contact information (!)



Location of existing livestock facility or anaerobic digestor County of Wellington
Township of Centre Wellington

NICHOL

Concession 3, Lot 11 Roll number: 2326

Total lot size 42.91 ha

Livestock/manure summary

Manure Form	Type of livestock/manure	Existing maximum number	Existing maximum number (NU)	Estimated livestock barn area
Solid	Beef, Cows, including calves to weaning (all breeds), Yard/Barn	510	510 NU	2369 m²

Setback summary

Existing manure storage V3. Solid, outside, no cover, >= 30% DM

Design capacity 510 NU Potential design capacity 510 NU

Factor A (odour potential) Factor D (manure type) 0.7 Factor B (design capacity) 558.46 Factor E (encroaching land use) 2.2 0.7

Building base distance 'F' (A x B x D x E) 603 m (1978 ft)

(minimum distance from livestock barn)

Actual distance from livestock barn NA

Storage base distance 'S' 603 m (1978 ft)

(minimum distance from manure storage)

Farm contact information



Location of existing livestock facility or anaerobic digestor

County of Wellington

Township of Centre Wellington

NICHOL

Concession 2, Lot 13 Roll number: 2326

Total lot size 2.73 ha

Livestock/manure summary

Manure Form	Type of livestock/manure	Existing maximum number	Existing maximum number (NU)	Estimated livestock barn area
Solid	Unoccupied Livestock Barn	674 m²	33.7 NU	674 m²



Confirm Livestock/Manure Information (Operation #48)

The livestock/manure information has not been confirmed with the property owner and/or farm operator.



Unoccupied Barn or Unused Storage (Operation #48)

The calculated setback is based on assumptions for an unoccupied barn or unused storage that may not reflect the actual design capacity.

Setback summary

Existing manure storage

- Not Specified -

Design capacity

33.7 NU

Potential design capacity

33.7 NU

Factor A (odour potential) Factor D (manure type)

1 0.7

Factor B (design capacity) 227.4

Factor E (encroaching land use)

Building base distance 'F' (A x B x D x E) (minimum distance from livestock barn)

Actual distance from livestock barn

351 m (1152 ft)

NA

Storage base distance 'S'

No existing manure storage (minimum distance from manure storage)

Farm contact information (!)



Location of existing livestock facility or anaerobic digestor County of Wellington

Township of Centre Wellington

NICHOL

Concession 2, Lot 10 Roll number: 2326

Total lot size 22.41 ha

Livestock/manure summary

Manure Form	Type of livestock/manure	Existing maximum number	Existing maximum number (NU)	Estimated livestock barn area
Solid	Beef, Cows, including calves to weaning (all breeds), Yard/Barn	36	36 NU	167 m²



Confirm Livestock/Manure Information (Operation #49)

The livestock/manure information has not been confirmed with the property owner and/or farm operator.

Setback summary

Existing manure storage V3. Solid, outside, no cover, >= 30% DM

Design capacity 36 NU Potential design capacity 36 NU

Factor A (odour potential) 0.7 Factor B (design capacity) Factor D (manure type) 0.7 Factor E (encroaching land use) 2.2

Building base distance 'F' (A x B x D x E) (minimum distance from livestock barn)

Actual distance from livestock barn

Storage base distance 'S'

(minimum distance from manure storage)

Actual distance from manure storage NA

251 m (823 ft)

NA

251 m (823 ft)

Farm contact information (!)



Location of existing livestock facility or anaerobic digestor

County of Wellington

Township of Centre Wellington

NICHOL

Concession 3, Lot 9 Roll number: 2326

Total lot size 44.81 ha

534 m (1752 ft)

NA

Livestock/manure summary

Manure Form	Type of livestock/manure	Existing maximum number	Existing maximum number (NU)	Estimated livestock barn area
Liquid	Dairy, Heifers Large Frame (182 - 545 kg) (eg. Holsteins), Free Stall	297	148.5 NU	2069 m²
Solid	Chickens, Layer hens (for eating eggs; after transfer from pullet barn), Floor Run	8032	53.5 NU	747 m²

Confirm Livestock/Manure Information (Operation #50)

The livestock/manure information has not been confirmed with the property owner and/or farm operator.

Setback summary

Existing manure storage M1. Liquid, outside, no cover, straight-walled storage

Design capacity 202.1 NU Potential design capacity 202.1 NU

Factor A (odour potential) 0.78 Factor B (design capacity) 403.88 Factor D (manure type) Factor E (encroaching land use) 0.77 2.2

Building base distance 'F' (A x B x D x E) (minimum distance from livestock barn)

Actual distance from livestock barn

Storage base distance 'S' 581 m (1906 ft)

(minimum distance from manure storage)

Farm contact information



Location of existing livestock facility or anaerobic digestor County of Wellington

Township of Centre Wellington

NICHOL

Concession 2, Lot 9 Roll number: 2326 Total lot size 45.01 ha

469 m (1539 ft)

NA

Livestock/manure summary

Manure Form	Type of livestock/manure	Existing maximum number	Existing maximum number (NU)	Estimated livestock barn area
Liquid	Dairy, Heifers Large Frame (182 - 545 kg) (eg. Holsteins), Free Stall	340	170 NU	2369 m²



Confirm Livestock/Manure Information (Operation #51)

The livestock/manure information has not been confirmed with the property owner and/or farm operator.

Setback summary

Existing manure storage M1. Liquid, outside, no cover, straight-walled storage

Design capacity 170 NU
Potential design capacity 170 NU

Factor A (odour potential) 0.7 Factor B (design capacity) 380.19
Factor D (manure type) 0.8 Factor E (encroaching land use) 2.2

Building base distance 'F' (A x B x D x E) (minimum distance from livestock barn)

(minimum distance from livestock parn)

Actual distance from livestock barn

Storage base distance 'S' 523 m (1716 ft)

(minimum distance from manure storage)

Farm contact information



Location of existing livestock facility or anaerobic digestor

County of Wellington

Township of Centre Wellington

NICHOL

Concession 2 , Lot 8 Roll number: 2326

Livestock/manure summary

Manure Form	Type of livestock/manure	Existing maximum number	Existing maximum number (NU)	Estimated livestock barn area
Solid	Unoccupied Livestock Barn	382 m²	19.1 NU	382 m²



Confirm Livestock/Manure Information (Operation #52)

The livestock/manure information has not been confirmed with the property owner and/or farm operator.



Unoccupied Barn or Unused Storage (Operation #52)

The calculated setback is based on assumptions for an unoccupied barn or unused storage that may not reflect the actual design capacity.

Setback summary

Existing manure storage

- Not Specified -

Design capacity

19.1 NU

Potential design capacity

19.1 NU

Factor A (odour potential)
Factor D (manure type)

1 0.7 Factor B (design capacity) 196.99

Total lot size

4.92 ha

Factor E (encroaching land use)

Building base distance 'F' (A x B x D x E) (minimum distance from livestock barn)

Actual distance from livestock barn

304 m (997 ft)

No existing manure storage

Storage base distance 'S' (minimum distance from manure storage)

Actual distance from manure storage

NA

Farm contact information (!)



Location of existing livestock facility or anaerobic digestor County of Wellington

Total lot size

44.75 ha

Township of Centre Wellington

NICHOL

Concession 2, Lot 6 Roll number: 2326

Livestock/manure summary

Manure Form	Type of livestock/manure	Existing maximum number	Existing maximum number (NU)	Estimated livestock barn area
Solid	Chickens, Broilers	28074 m²	1132 NU	28074 m²



Confirm Livestock/Manure Information (Operation #53)

The livestock/manure information has not been confirmed with the property owner and/or farm operator.

Setback summary

Existing manure storage V3. Solid, outside, no cover, >= 30% DM

1132 NU Design capacity Potential design capacity 1132 NU

Factor A (odour potential) 0.7 Factor B (design capacity) 738.23 Factor D (manure type) 0.7 Factor E (encroaching land use) 2.2

Building base distance 'F' (A x B x D x E) 796 m (2612 ft)

(minimum distance from livestock barn)

Actual distance from livestock barn NA

Storage base distance 'S' 796 m (2612 ft)

(minimum distance from manure storage)

Farm contact information



Location of existing livestock facility or anaerobic digestor County of Wellington

Township of Centre Wellington

NICHOL

Concession 3, Lot 6 Roll number: 2326

Total lot size 2.42 ha

463 m (1519 ft)

NA

Livestock/manure summary

Manure Form	Type of livestock/manure	Existing maximum number	Existing maximum number (NU)	Estimated livestock barn area
Solid	Beef, Cows, including calves to weaning (all breeds), Yard/Barn	240	240 NU	1115 m²



Confirm Livestock/Manure Information (Operation #54)

The livestock/manure information has not been confirmed with the property owner and/or farm operator.

Setback summary

Existing manure storage V3. Solid, outside, no cover, >= 30% DM

Design capacity 240 NU Potential design capacity 240 NU

Factor A (odour potential) 0.7 Factor B (design capacity) 428.96 Factor D (manure type) 0.7 Factor E (encroaching land use) 2.2

Building base distance 'F' (A x B x D x E)

(minimum distance from livestock barn)

Actual distance from livestock barn

Storage base distance 'S' 463 m (1519 ft)

(minimum distance from manure storage)

Farm contact information (!)



Location of existing livestock facility or anaerobic digestor County of Wellington

Township of Centre Wellington

NICHOL

Concession 1, Lot 6 Roll number: 2326

Total lot size 44.42 ha

Livestock/manure summary

Manure Form	Type of livestock/manure	Existing maximum number	Existing maximum number (NU)	Estimated livestock barn area
Solid	Beef, Cows, including calves to weaning (all breeds), Yard/Barn	419	419 NU	1946 m²



Confirm Livestock/Manure Information (Operation #56)

The livestock/manure information has not been confirmed with the property owner and/or farm operator.

Setback summary

Existing manure storage V3. Solid, outside, no cover, >= 30% DM

Design capacity 419 NU Potential design capacity 419 NU

Factor A (odour potential) 0.7 Factor B (design capacity) 521.33 Factor D (manure type) 0.7 Factor E (encroaching land use) 2.2

Building base distance 'F' (A x B x D x E) (minimum distance from livestock barn)

Actual distance from livestock barn NA

Storage base distance 'S'

(minimum distance from manure storage)

Actual distance from manure storage NA

562 m (1844 ft)

562 m (1844 ft)

Farm contact information



Location of existing livestock facility or anaerobic digestor

County of Wellington
Township of Centre Wellington

NICHOL

Concession 1 , Lot 7 Roll number: 2326

Total lot size 41.92 ha

Livestock/manure summary

Manure Form	Type of livestock/manure	Existing maximum number	Existing maximum number (NU)	Estimated livestock barn area
Solid	Beef, Cows, including calves to weaning (all breeds), Yard/Barn	197	197 NU	915 m²



Confirm Livestock/Manure Information (Operation #57)

The livestock/manure information has not been confirmed with the property owner and/or farm operator.

Setback summary

Existing manure storage V3. Solid, outside, no cover, >= 30% DM

Design capacity 197 NU
Potential design capacity 197 NU

Factor A (odour potential) 0.7
Factor D (manure type) 0.7

Factor B (design capacity) 400.32 Factor E (encroaching land use) 2.2

Building base distance 'F' (A x B x D x E) (minimum distance from livestock barn)

Actual distance from livestock barn

NA

Storage base distance 'S' (minimum distance from manure storage)

Actual distance from manure storage

432 m (1417 ft)

432 m (1417 ft)

Farm contact information (!)



Location of existing livestock facility or anaerobic digestor County of Wellington
Township of Centre Wellington

NICHOL

Concession 3, Lot 4 Roll number: 2326

Total lot size 43.81 ha

Livestock/manure summary

Manure Form	Type of livestock/manure	Existing maximum number	Existing maximum number (NU)	Estimated livestock barn area
Solid	Beef, Cows, including calves to weaning (all breeds), Yard/Barn	245	245 NU	1138 m²

Setback summary

Existing manure storage V3. Solid, outside, no cover, >= 30% DM

Design capacity 245 NU Potential design capacity 245 NU

Factor A (odour potential) Factor D (manure type) 0.7 Factor B (design capacity) 432.06 Factor E (encroaching land use) 0.7 2.2

Building base distance 'F' (A x B x D x E) 466 m (1529 ft)

(minimum distance from livestock barn)

Actual distance from livestock barn NA

Storage base distance 'S' 466 m (1529 ft)

(minimum distance from manure storage)

Farm contact information (!)



Location of existing livestock facility or anaerobic digestor County of Wellington

Township of Centre Wellington

NICHOL

Concession 2, Lot 5 Roll number: 2326

Total lot size 44.44 ha

Livestock/manure summary

Manure Form	Type of livestock/manure	Existing maximum number	Existing maximum number (NU)	Estimated livestock barn area
Solid	Beef, Cows, including calves to weaning (all breeds), Yard/Barn	215	215 NU	999 m²



Confirm Livestock/Manure Information (Operation #73)

The livestock/manure information has not been confirmed with the property owner and/or farm operator.

Setback summary

Existing manure storage V3. Solid, outside, no cover, >= 30% DM

Design capacity 215 NU Potential design capacity 215 NU

Factor A (odour potential) 0.7 Factor D (manure type) 0.7

Factor B (design capacity) 412.76 Factor E (encroaching land use)

Building base distance 'F' (A x B x D x E) (minimum distance from livestock barn)

Actual distance from livestock barn

Storage base distance 'S'

(minimum distance from manure storage)

Actual distance from manure storage

445 m (1460 ft)

NA

445 m (1460 ft)

Farm contact information (!)



Location of existing livestock facility or anaerobic digestor County of Wellington

Township of Centre Wellington GARAFRAXA Concession 2, Lot 8

Roll number: 2326

Total lot size 69.63 ha

NA

Livestock/manure summary

Manure Form	Type of livestock/manure	Existing maximum number	Existing maximum number (NU)	Estimated livestock barn area
Solid	Chickens, Broilers	3796 m²	153.1 NU	3796 m²



Confirm Livestock/Manure Information (Operation #8)

The livestock/manure information has not been confirmed with the property owner and/or farm operator.

Setback summary

Existing manure storage V3. Solid, outside, no cover, >= 30% DM

153.1 NU Design capacity Potential design capacity 153.1 NU

Factor A (odour potential) 0.7 Factor B (design capacity) 366.47 Factor D (manure type) Factor E (encroaching land use)

Building base distance 'F' (A x B x D x E) 396 m (1299 ft)

(minimum distance from livestock barn)

Actual distance from livestock barn

Storage base distance 'S' 396 m (1299 ft)

(minimum distance from manure storage)

Farm contact information (!)



Location of existing livestock facility or anaerobic digestor County of Wellington

Township of Centre Wellington

Total lot size

216 m (709 ft)

216 m (709 ft)

36.9 ha

GARAFRAXA Concession 3, Lot 8 Roll number: 2326

Livestock/manure summary

Manure Form	Type of livestock/manure	Existing maximum number	Existing maximum number (NU)	Estimated livestock barn area
Solid	Horses, Large-framed, mature; > 680 kg (including unweaned offspring)	14	20 NU	423 m²



Confirm Livestock/Manure Information (Operation #9)

The livestock/manure information has not been confirmed with the property owner and/or farm operator.

Setback summary

Existing manure storage V3. Solid, outside, no cover, >= 30% DM

Design capacity 20 NU Potential design capacity 20 NU

Factor A (odour potential) 0.7 Factor B (design capacity) 199.99 Factor D (manure type) 0.7 Factor E (encroaching land use) 2.2

Building base distance 'F' (A x B x D x E) (minimum distance from livestock barn)

Actual distance from livestock barn NA

Storage base distance 'S' (minimum distance from manure storage)

Farm contact information (!)



Location of existing livestock facility or anaerobic digestor County of Wellington Township of Centre Wellington

Total lot size

192.05 ha

NICHOL Concession 13, Lot 14 Roll number: 2326

Livestock/manure summary

Manure Form	Type of livestock/manure	Existing maximum number	Existing maximum number (NU)	Estimated livestock barn area
Solid	Beef, Shortkeepers (12.5 - 17.5 months)	1250	625 NU	7549 m²

Setback summary

V2. Solid, outside, covered Existing manure storage

625 NU Design capacity Potential design capacity 625 NU

Factor A (odour potential) 0.8 Factor B (design capacity) 599.65 Factor D (manure type) Factor E (encroaching land use) 0.7 2.2

Building base distance 'F' (A x B x D x E) 739 m (2425 ft)

(minimum distance from livestock barn)

Actual distance from livestock barn NA

739 m (2425 ft) Storage base distance 'S'

(minimum distance from manure storage)

Actual distance from manure storage NA

Preparer signoff & disclaimer

Preparer contact information John Liotta Colville Consulting Inc. 432 Niagara St Unit 2 St. Catharines, ON L2M 4W3 905-935-2161 x110 john@colvilleconsultinginc.ca



AgriSuite

MDS I

General information

Application date Jun 5, 2024 Municipal file number

Proposed application

New or expanding settlement area boundary

Applicant contact information



Location of subject lands



Calculations

Farm 112

ON

Farm contact information



7526 2nd Line Elora, ON Location of existing livestock facility or anaerobic digestor

County of Wellington Township of Centre Wellington

NICHOL

Concession 2, Lot 3

Roll number: 2326000020046000000

Total lot size 6.27 ha

Livestock/manure summary

Manure Form	Type of livestock/manure	Existing maximum number	Existing maximum number (NU)	Estimated livestock barn area
Solid	Beef, Backgrounders (7 - 12.5 months), Confinement	47	15.7 NU	218 m²



Confirm Livestock/Manure Information (Farm 112)

The livestock/manure information has not been confirmed with the property owner and/or farm operator.

Setback summary

Existing manure storage V3. Solid, outside, no cover, >= 30% DM

Design capacity 15.7 NU

Potential design capacity 15.7 NU

Factor A (odour potential) 0.8 Factor B (design capacity) 185.56 Factor D (manure type) 0.7 Factor E (encroaching land use) 2.2

Building base distance 'F' (A x B x D x E) (minimum distance from livestock barn)

229 m (751 ft)

229 m (751 ft)

Actual distance from livestock barn

NA

Storage base distance 'S'

(minimum distance from manure storage)

Actual distance from manure storage

Farm contact information

①

7510 2nd Line Elora, ON Location of existing livestock facility or anaerobic digestor

County of Wellington
Township of Centre Wellington

NICHOL

Concession 2 , Lot 2

Roll number: 2326000020047000000

Total lot size 44.5 ha

Livestock/manure summary

Manure Form	Type of livestock/manure	Existing maximum number	Existing maximum number (NU)	Estimated livestock barn area
Solid	Beef, Backgrounders (7 - 12.5 months), Confinement	106	35.3 NU	492 m²



Confirm Livestock/Manure Information (Farm 105)

The livestock/manure information has not been confirmed with the property owner and/or farm operator.

Setback summary

Existing manure storage V3. Solid, outside, no cover, >= 30% DM

Design capacity 35.3 NU
Potential design capacity 35.3 NU

Factor A (odour potential) 0.8 Factor B (design capacity) 230.66 Factor D (manure type) 0.7 Factor E (encroaching land use) 2.2

Building base distance 'F' (A x B x D x E)
(minimum distance from livestock barn)

285 m (935 ft)

Actual distance from livestock barn NA

Storage base distance 'S' 285 m (935 ft)

(minimum distance from manure storage)

Farm contact information

6586 Highway 6

Fergus, ON

Location of existing livestock facility or anaerobic digestor County of Wellington Township of Centre Wellington

NICHOL

Concession 15, Lot 17

Roll number: 2326000021098000000

Total lot size 29.01 ha

Livestock/manure summary

Manure Form	Type of livestock/manure	Existing maximum number	Existing maximum number (NU)	Estimated livestock barn area
Solid	Unoccupied Livestock Barn	640 m²	32 NU	640 m²



Confirm Livestock/Manure Information (Farm 108)

The livestock/manure information has not been confirmed with the property owner and/or farm operator.



Unoccupied Barn or Unused Storage (Farm 108)

The calculated setback is based on assumptions for an unoccupied barn or unused storage that may not reflect the actual design capacity.

Setback summary

Existing manure storage V3. Solid, outside, no cover, >= 30% DM

Design capacity 32 NU Potential design capacity 32 NU

Factor A (odour potential) Factor B (design capacity) Factor E (encroaching land use) Factor D (manure type) 0.7 2.2

Building base distance 'F' (A x B x D x E) (minimum distance from livestock barn)

Actual distance from livestock barn NA

Storage base distance 'S' (minimum distance from manure storage)

Actual distance from manure storage NA

345 m (1132 ft)

No existing manure storage

Farm 109

Fergus, ON

Farm contact information

①

Location of existing livestock facility or anaerobic digestor County of Wellington Township of Centre Wellington

NICHOL

Concession 15, Lot 16

Roll number: 2326000021097000000

Total lot size 40.45 ha

Livestock/manure summary

Manure Form	Type of livestock/manure	Existing maximum number	Existing maximum number (NU)	Estimated livestock barn area
Solid	Horses, Large-framed, mature; > 680 kg (including unweaned offspring)	8	11.4 NU	242 m²



Confirm Livestock/Manure Information (Farm 109)

The livestock/manure information has not been confirmed with the property owner and/or farm operator.

Setback summary

Existing manure storage V1. Solid, inside, bedded pack

Design capacity 11.4 NU

Potential design capacity 11.4 NU

Factor A (odour potential) 0.7 Factor B (design capacity) 171.43 Factor D (manure type) 0.7 Factor E (encroaching land use) 2.2

Building base distance 'F' (A x B x D x E) (minimum distance from livestock barn) 185 m (607 ft)

Actual distance from livestock barn NA

Storage base distance 'S' 185 m (607 ft)

(minimum distance from manure storage)

Farm 36

Farm contact information

①

6611 Highway 6 Fergus, ON Location of existing livestock facility or anaerobic digestor

County of Wellington
Township of Centre Wellington

NICHOL

Concession 16, Lot 16

Roll number: 2326000023006000000

Total lot size 39.52 ha

2.2

Livestock/manure summary

Manure Form	Type of livestock/manure	Existing maximum number	Existing maximum number (NU)	Estimated livestock barn area
Solid	Horses, Large-framed, mature; > 680 kg (including unweaned offspring)	31	44.3 NU	936 m²



Confirm Livestock/Manure Information (Farm 36)

The livestock/manure information has not been confirmed with the property owner and/or farm operator.

Setback summary

Existing manure storage V3. Solid, outside, no cover, >= 30% DM

Design capacity 44.3 NU
Potential design capacity 44.3 NU

Factor A (odour potential) 0.7 Factor B (design capacity) 2
Factor D (manure type) 0.7 Factor E (encroaching land use)

Building base distance 'F' (A x B x D x E)
(minimum distance from livestock barn)

268 m (879 ft)

Actual distance from livestock barn NA

Storage base distance 'S' 268 m (879 ft)

(minimum distance from manure storage)

Farm contact information



Hoppy Fields Farm 7784 15th Sideroad Fergus, ON

Location of existing livestock facility or anaerobic digestor County of Wellington Township of Centre Wellington

Concession 15, Lot 15

Roll number: 2326000023047000000

Total lot size 54.69 ha

Livestock/manure summary

Manure Form	Type of livestock/manure	Existing maximum number	Existing maximum number (NU)	Estimated livestock barn area
Solid	Chickens, Broiler breeder growers (males/females transferred out to layer barn)	70	0.2 NU	11 m²
Solid	Horses, Large-framed, mature; > 680 kg (including unweaned offspring)	6	8.6 NU	181 m²

Confirm Livestock/Manure Information (Farm 38)

The livestock/manure information has not been confirmed with the property owner and/or farm operator.

Setback summary

Existing manure storage V3. Solid, outside, no cover, >= 30% DM

Design capacity 8.8 NU 8.8 NU

Potential design capacity

Factor A (odour potential) 0.7 Factor B (design capacity) 162.66 Factor D (manure type) 0.7 Factor E (encroaching land use)

Building base distance 'F' (A x B x D x E) (minimum distance from livestock barn)

Actual distance from livestock barn NA

Storage base distance 'S'

(minimum distance from manure storage)

Actual distance from manure storage NA

176 m (577 ft)

176 m (577 ft)

Farm contact information

①

7715 15th Sideroad Fergus, ON Location of existing livestock facility or anaerobic digestor

County of Wellington
Township of Centre Wellington

NICHOL

Concession 14, Lot 16

Roll number: 2326000021046000000

Total lot size 34.93 ha

Livestock/manure summary

Manure Form	Type of livestock/manure	Existing maximum number	Existing maximum number (NU)	Estimated livestock barn area
Solid	Unoccupied Livestock Barn	90 m²	4.5 NU	90 m²



Confirm Livestock/Manure Information (Farm 42)

The livestock/manure information has not been confirmed with the property owner and/or farm operator.



Unoccupied Barn or Unused Storage (Farm 42)

The calculated setback is based on assumptions for an unoccupied barn or unused storage that may not reflect the actual design capacity.

Setback summary

Existing manure storage

V1. Solid, inside, bedded pack

Design capacity

4.5 NU

Potential design capacity

4.5 NU

Factor A (odour potential) 1 Factor D (manure type) 0.7 Factor B (design capacity) 15
Factor E (encroaching land use)

50

Building base distance 'F' (A x B x D x E)

(minimum distance from livestock barn)

Actual distance from livestock barn

232 m (761 ft)

NA

NA

Storage base distance 'S'

(minimum distance from manure storage)

Actual distance from manure storage

203 1st Line

Elora, ON

Farm contact information

①

Location of existing livestock facility or anaerobic digestor

County of Wellington Township of Centre Wellington

NICHOL

Concession 1, Lot 5

Roll number: 2326000020060000000

Total lot size 45.17 ha

Livestock/manure summary

Manure Form	Type of livestock/manure	Existing maximum number	Existing maximum number (NU)	Estimated livestock barn area
Solid	Unoccupied Livestock Barn	430 m²	21.5 NU	430 m²



Confirm Livestock/Manure Information (Farm 59)

The livestock/manure information has not been confirmed with the property owner and/or farm operator.



Unoccupied Barn or Unused Storage (Farm 59)

The calculated setback is based on assumptions for an unoccupied barn or unused storage that may not reflect the actual design capacity.

Setback summary

Existing manure storage No storage required (manure is stored for less than 14 days)

Design capacity 21.5 NU

Potential design capacity 21.5 NU

Factor A (odour potential) 1 Factor B (design capacity) 203
Factor D (manure type) 0.7 Factor E (encroaching land use) 2.2

Building base distance 'F' (A x B x D x E) (minimum distance from livestock barn)

Actual distance from livestock barn NA

Storage base distance 'S' (minimum distance from manure storage)

Actual distance from manure storage

313 m (1027 ft)

Elora, ON

Farm contact information 6448 Wellington Road 7

anaerobic digestor County of Wellington

Township of Centre Wellington

PILKINGTON Concession 1, Lot 2

Roll number: 2326000017013000000

Location of existing livestock facility or

Total lot size 10.1 ha

Livestock/manure summary

Manure Form	Type of livestock/manure	Existing maximum number	Existing maximum number (NU)	Estimated livestock barn area
Solid	Unoccupied Livestock Barn	150 m²	7.5 NU	150 m²



Confirm Livestock/Manure Information (Farm 63)

The livestock/manure information has not been confirmed with the property owner and/or farm operator.



Unoccupied Barn or Unused Storage (Farm 63)

The calculated setback is based on assumptions for an unoccupied barn or unused storage that may not reflect the actual design capacity.

Setback summary

Existing manure storage V3. Solid, outside, no cover, >= 30% DM

Design capacity 7.5 NU Potential design capacity 7.5 NU

Factor A (odour potential) Factor B (design capacity) 158.33 Factor D (manure type) Factor E (encroaching land use) 0.7

Building base distance 'F' (A x B x D x E) 244 m (801 ft)

(minimum distance from livestock barn)

Actual distance from livestock barn NA

Storage base distance 'S' 244 m (801 ft)

(minimum distance from manure storage)

Elora, ON

Farm contact information

6410 Wellington Road

①

anaerobic digestor County of Wellington

County of Wellington
Township of Centre Wellington

PILKINGTON Concession 1, Lot 3

Roll number: 2326000017011000000

Location of existing livestock facility or

Total lot size 62.75 ha

Livestock/manure summary

Manure Form	Type of livestock/manure	Existing maximum number	Existing maximum number (NU)	Estimated livestock barn area
Solid	Unoccupied Livestock Barn	470 m²	23.5 NU	470 m²



Confirm Livestock/Manure Information (Farm 65)

The livestock/manure information has not been confirmed with the property owner and/or farm operator.



Unoccupied Barn or Unused Storage (Farm 65)

The calculated setback is based on assumptions for an unoccupied barn or unused storage that may not reflect the actual design capacity.

Setback summary

Existing manure storage V3. Solid, outside, no cover, >= 30% DM

Design capacity 23.5 NU

Potential design capacity 23.5 NU

Factor A (odour potential) 1 Factor B (design capacity) 207
Factor D (manure type) 0.7 Factor E (encroaching land use) 2.2

Building base distance 'F' (A x B x D x E) (minimum distance from livestock barn)

Actual distance from livestock barn NA

Storage base distance 'S' (minimum distance from manure storage)

Actual distance from manure storage

319 m (1047 ft)

Farm contact information

①

6374 Wellington Road Elora, ON Location of existing livestock facility or anaerobic digestor County of Wellington Total lot size

40.69 ha

Township of Centre Wellington PILKINGTON

Concession 1 , Lot 3 Roll number: 2326000017010000000

Livestock/manure summary

Manure Form	Type of livestock/manure	Existing maximum number	Existing maximum number (NU)	Estimated livestock barn area
Solid	Beef, Backgrounders (7 - 12.5 months), Confinement	172	57.3 NU	799 m²



Confirm Livestock/Manure Information (Farm 67)

The livestock/manure information has not been confirmed with the property owner and/or farm operator.

Setback summary

Existing manure storage V3. Solid, outside, no cover, >= 30% DM

Design capacity 57.3 NU

Potential design capacity 57.3 NU

Factor A (odour potential) 0.8 Factor B (design capacity) 274.66 Factor D (manure type) 0.7 Factor E (encroaching land use) 2.2

Building base distance 'F' (A x B x D x E) (minimum distance from livestock barn) 339 m (1112 ft)

Actual distance from livestock barn NA

Storage base distance 'S' 339 m (1112 ft)

(minimum distance from manure storage)

Farm contact information

①

Webfoot (Duck & Hatchery) 6342 Wellington Road 7 Elora, ON Location of existing livestock facility or anaerobic digestor County of Wellington Township of Centre Wellington

PILKINGTON Concession 1, Lot 4

Roll number: 2326000017009000000

Total lot size 60.53 ha

Livestock/manure summary

Manure Form	Type of livestock/manure	Existing maximum number	Existing maximum number (NU)	Estimated livestock barn area
Solid	Ducks, Muscovy	3750 m²	151.2 NU	3750 m²



Confirm Livestock/Manure Information (Farm 69)

The livestock/manure information has not been confirmed with the property owner and/or farm operator.

Setback summary

Existing manure storage V1. Solid, inside, bedded pack

Design capacity 151.2 NU

Potential design capacity 151.2 NU

Factor A (odour potential) 0.8 Factor B (design capacity) 364.92 Factor D (manure type) 0.7 Factor E (encroaching land use) 2.2

Building base distance 'F' (A x B x D x E) 450 m (1476 ft)

(minimum distance from livestock barn)

Actual distance from livestock barn NA

Storage base distance 'S' 450 m (1476 ft)

(minimum distance from manure storage)

Farm contact information

①

6297 Wellington Road 7 Elora, ON Location of existing livestock facility or anaerobic digestor

County of Wellington
Township of Centre Wellington

NICHOL

Concession 2, Lot 1

Roll number: 2326000020049000000

Total lot size 43.64 ha

Livestock/manure summary

Manure Form	Type of livestock/manure	Existing maximum number	Existing maximum number (NU)	Estimated livestock barn area
Solid	Unoccupied Livestock Barn	482 m²	24.1 NU	482 m²



Confirm Livestock/Manure Information (Farm 70)

The livestock/manure information has not been confirmed with the property owner and/or farm operator.



Unoccupied Barn or Unused Storage (Farm 70)

The calculated setback is based on assumptions for an unoccupied barn or unused storage that may not reflect the actual design capacity.

Setback summary

Existing manure storage V3. Solid, outside, no cover, >= 30% DM

Design capacity 24.1 NU

Potential design capacity 24.1 NU

Factor A (odour potential) 1 Factor B (design capacity) 208.2
Factor D (manure type) 0.7 Factor E (encroaching land use) 2.3

Building base distance 'F' (A x B x D x E) 321 m (1053 ft)

(minimum distance from livestock barn)

Actual distance from livestock barn

Storage base distance 'S' 321 m (1053 ft)

(minimum distance from manure storage)

Farm contact information

7568 2nd Line

Elora, ON

①

anaerobic digestor County of Wellington

Township of Centre Wellington

NICHOL

Concession 2 , Lot $4\,$

Roll number: 2326000020045000000

Location of existing livestock facility or

Total lot size 44.78 ha

Livestock/manure summary

Manure Form	Type of livestock/manure	Existing maximum number	Existing maximum number (NU)	Estimated livestock barn area
Solid	Unoccupied Livestock Barn	568 m²	28.4 NU	568 m²



Confirm Livestock/Manure Information (Farm 74)

The livestock/manure information has not been confirmed with the property owner and/or farm operator.



Unoccupied Barn or Unused Storage (Farm 74)

The calculated setback is based on assumptions for an unoccupied barn or unused storage that may not reflect the actual design capacity.

Setback summary

Existing manure storage No storage required (manure is stored for less than 14 days)

Design capacity 28.4 NU

Potential design capacity 28.4 NU

Factor A (odour potential) 1 Factor B (design capacity) 216.8 Factor D (manure type) 0.7 Factor E (encroaching land use) 2.2

Building base distance 'F' (A x B x D x E) (minimum distance from livestock barn)

Actual distance from livestock barn NA

Storage base distance 'S' (minimum distance from manure storage)

Actual distance from manure storage

334 m (1096 ft)

6/7/24, 11:38 AM Farm 79

Farm contact information

①

7394 Middlebrook Road Elora, ON Location of existing livestock facility or anaerobic digestor County of Wellington

Township of Centre Wellington PILKINGTON

Concession BLOCK A, Lot 3 Roll number: 2326000017143000000 **Total lot size** 51.41 ha

Livestock/manure summary

Manure Form	Type of livestock/manure	Existing maximum number	Existing maximum number (NU)	Estimated livestock barn area
Liquid	Dairy, Calves Large Frame (45 - 182 kg) (eg. Holsteins)	1292	215.3 NU	4201 m²



Confirm Livestock/Manure Information (Farm 79)

The livestock/manure information has not been confirmed with the property owner and/or farm operator.

Setback summary

Existing manure storage M1. Liquid, outside, no cover, straight-walled storage

Design capacity 215.3 NU
Potential design capacity 215.3 NU

Factor A (odour potential) 0.7 Factor B (design capacity) 412.98 Factor D (manure type) 0.8 Factor E (encroaching land use) 2.2

Building base distance 'F' (A x B x D x E) (minimum distance from livestock barn)

Actual distance from livestock barn NA

Storage base distance 'S'
(minimum distance from manure storage)

Actual distance from manure storage

509 m (1670 ft)

559 m (1834 ft)

Total lot size

0.51 ha

Farm contact information

7386 Middlebrook Road Elora, ON

Location of existing livestock facility or anaerobic digestor County of Wellington Township of Centre Wellington **PILKINGTON**

Concession BLOCK A, Lot 4 Roll number: 2326000017142050000

Livestock/manure summary

Manure Form	Type of livestock/manure	Existing maximum number	Existing maximum number (NU)	Estimated livestock barn area
Solid	Chickens, Layer hens (for eating eggs; after transfer from pullet barn), Floor Run	12	0.1 NU	1 m²

Setback summary

V1. Solid, inside, bedded pack Existing manure storage

Design capacity 0.1 NU Potential design capacity 0.1 NU

Factor A (odour potential) Factor D (manure type) 0.7

Factor B (design capacity) Factor E (encroaching land use) 2.2

232 m (761 ft)

Building base distance 'F' (A x B x D x E) (minimum distance from livestock barn)

Actual distance from livestock barn

Storage base distance 'S' (minimum distance from manure storage)

Actual distance from manure storage

232 m (761 ft)

NA

NA

Farm contact information

①

7450 Middlebrook Road Elora, ON Location of existing livestock facility or anaerobic digestor County of Wellington

Township of Centre Wellington

PILKINGTON

Concession BLOCK A, Lot 1

Roll number: 2326

Total lot size

6.7 ha

Livestock/manure summary

Manure Form	Type of livestock/manure	Existing maximum number	Existing maximum number (NU)	Estimated livestock barn area
Solid	Unoccupied Livestock Barn	460 m²	23 NU	460 m²



Confirm Livestock/Manure Information (Farm 81)

The livestock/manure information has not been confirmed with the property owner and/or farm operator.



Unoccupied Barn or Unused Storage (Farm 81)

The calculated setback is based on assumptions for an unoccupied barn or unused storage that may not reflect the actual design capacity.

Setback summary

Existing manure storage No storage required (manure is stored for less than 14 days)

Design capacity 23 NU
Potential design capacity 23 NU

Factor A (odour potential) 1 Factor B (design capacity) 206
Factor D (manure type) 0.7 Factor E (encroaching land use) 2.2

Building base distance 'F' (A x B x D x E) (minimum distance from livestock barn)

Actual distance from livestock barn NA

Storage base distance 'S' (minimum distance from manure storage)

Actual distance from manure storage

318 m (1043 ft)

Farm contact information

①

Donna (Current Tenant) 485 Avruskin Street Elora, ON Location of existing livestock facility or anaerobic digestor County of Wellington Township of Centre Wellington

PILKINGTON Concession BLOCK A , Lot 1

Roll number: 2326000017131000000

Total lot size 18.28 ha

Livestock/manure summary

Manure Form	Type of livestock/manure	Existing maximum number	Existing maximum number (NU)	Estimated livestock barn area
Solid	Horses, Large-framed, mature; > 680 kg (including unweaned offspring)	25	35.7 NU	755 m²

Setback summary

Existing manure storage V3. Solid, outside, no cover, >= 30% DM

Design capacity 35.7 NU
Potential design capacity 35.7 NU

Factor A (odour potential) 0.7 Factor B (design capacity) 231.42 Factor D (manure type) 0.7 Factor E (encroaching land use) 2.2

Building base distance 'F' (A x B x D x E) (minimum distance from livestock barn) 250 m (820 ft)

Actual distance from livestock barn NA

Storage base distance 'S' 250 m (820 ft)

(minimum distance from manure storage)

Farm contact information

6698 Wellington Road 7 Elora, ON N0B 1S0

Location of existing livestock facility or anaerobic digestor

County of Wellington Township of Centre Wellington

PILKINGTON

Concession 1 WEST OF THE GRAND RIVER, Lot

Total lot size

78.74 ha

13

Roll number: 2326000016011000000

Livestock/manure summary

Manure Form	Type of livestock/manure	Existing maximum number	Existing maximum number (NU)	Estimated livestock barn area
Liquid	Dairy, Calves Large Frame (45 - 182 kg) (eg. Holsteins)	200	33.3 NU	650 m²

Setback summary

Existing manure storage M1. Liquid, outside, no cover, straight-walled storage

Design capacity 33.3 NU Potential design capacity 33.3 NU

Factor A (odour potential) 0.7 Factor B (design capacity) 226.66 Factor D (manure type) 8.0 Factor E (encroaching land use)

Building base distance 'F' (A x B x D x E) (minimum distance from livestock barn) 280 m (919 ft)

Actual distance from livestock barn NA

Storage base distance 'S' 352 m (1155 ft)

(minimum distance from manure storage)

Farm contact information

1

6715 Wellington Road Elora, ON N0B 1S0 Location of existing livestock facility or anaerobic digestor

County of Wellington
Township of Centre Wellington

NICHOL

Concession 11 , Lot 13

Roll number: 2326000022217500000

Total lot size 2.39 ha

Livestock/manure summary

Manure Form	Type of livestock/manure	Existing maximum number	Existing maximum number (NU)	Estimated livestock barn area
Solid	Horses, Large-framed, mature; > 680 kg (including unweaned offspring)	3	4.3 NU	91 m²



Confirm Livestock/Manure Information (Farm 85)

The livestock/manure information has not been confirmed with the property owner and/or farm operator.

Setback summary

Existing manure storage V3. Solid, outside, no cover, >= 30% DM

Design capacity 4.3 NU
Potential design capacity 4.3 NU

Factor A (odour potential) 0.7 Factor B (design capacity) 150
Factor D (manure type) 0.7 Factor E (encroaching land use) 2.2

Building base distance 'F' (A x B x D x E) (minimum distance from livestock barn) 162 m (531 ft)

Actual distance from livestock barn NA

Storage base distance 'S' 162 m (531 ft)

(minimum distance from manure storage)

6/7/24, 11:38 AM AgriSuite

Farm 86

Farm contact information

①

Bellwin Farms 6700 1st Line West Elora, ON Location of existing livestock facility or anaerobic digestor

Total lot size

40.07 ha

County of Wellington
Township of Centre Wellington

PILKINGTON
Concession 2 WEST OF THE GRAND RIVER , Lot

13

Roll number: 2326000016056000000

Livestock/manure summary

Manure Form	Type of livestock/manure	Existing maximum number	Existing maximum number (NU)	Estimated livestock barn area
Solid	Dairy, Calves Large Frame (45 - 182 kg) (eg. Holsteins)	30	5 NU	98 m²

Setback summary

Existing manure storage No storage required (manure is stored for less than 14 days)

Design capacity 5 NU

Potential design capacity 5 NU

Factor A (odour potential) 0.7 Factor B (design capacity) 150

Factor D (manure type) 0.7 Factor E (encroaching land use) 2.2

Building base distance 'F' (A x B x D x E) (minimum distance from livestock barn)

Actual distance from livestock barn

Storage base distance 'S' (minimum distance from manure storage)

Actual distance from manure storage

https://agrisuite.omafra.gov.on.ca/MINIMUM_DISTANCE_SEPARATION_1?worksheetId=fb65d1a2-e78e-4146-a71c-35ce6959d811

162 m (531 ft)

Farm contact information

6664 1St Line

Elora, ON

①

Location of existing livestock facility or anaerobic digestor County of Wellington Total lot size 3.07 ha

Township of Centre Wellington

PILKINGTON

Concession 2 WEST OF THE GRAND RIVER, Lot

14

Roll number: 2326000016057010000

Livestock/manure summary

Manure Form	Type of livestock/manure	Existing maximum number	Existing maximum number (NU)	Estimated livestock barn area
Solid	Horses, Large-framed, mature; > 680 kg (including unweaned offspring)	3	4.3 NU	91 m²

A

Confirm Livestock/Manure Information (Farm 87)

The livestock/manure information has not been confirmed with the property owner and/or farm operator.

Setback summary

Existing manure storage V3. Solid, outside, no cover, >= 30% DM

Design capacity 4.3 NU

Potential design capacity 4.3 NU

Factor A (odour potential) 0.7 Factor B (design capacity) 150
Factor D (manure type) 0.7 Factor E (encroaching land use) 2.2

Building base distance 'F' (A x B x D x E) (minimum distance from livestock barn) 162 m (531 ft)

Actual distance from livestock barn NA

Storage base distance 'S' 162 m (531 ft)

(minimum distance from manure storage)

Farm contact information

!

7394 Wellington Road 18 Elora, ON

Location of existing livestock facility or anaerobic digestor

County of Wellington

Township of Centre Wellington

PILKINGTON

Concession 2 WEST OF THE GRAND RIVER, Lot

Total lot size

30.15 ha

15

Roll number: 2326000016058000000

Livestock/manure summary

Manure Form	Type of livestock/manure	Existing maximum number	Existing maximum number (NU)	Estimated livestock barn area
Solid	Beef, Backgrounders (7 - 12.5 months), Confinement	114	38 NU	530 m²

A

Confirm Livestock/Manure Information (Farm 88)

The livestock/manure information has not been confirmed with the property owner and/or farm operator.

Setback summary

Existing manure storage V3. Solid, outside, no cover, >= 30% DM

Design capacity 38 NU

Potential design capacity 38 NU

Factor A (odour potential) 0.8 Factor B (design capacity) 236
Factor D (manure type) 0.7 Factor E (encroaching land use) 2.2

Building base distance 'F' (A x B x D x E) 291 m (955 ft) (minimum distance from livestock barn)

Actual distance from livestock barn NA

Storage base distance 'S' 291 m (955 ft)

(minimum distance from manure storage)

Farm contact information

①

7361 wellington Road 18 Elora, ON

Location of existing livestock facility or anaerobic digestor County of Wellington Township of Centre Wellington

PILKINGTON Concession BLOCK A , Lot 4 Roll number: 2326000017134000000

ck facility or Total lot size 40.73 ha

Livestock/manure summary

Manure Form	Type of livestock/manure	Existing maximum number	Existing maximum number (NU)	Estimated livestock barn area
Solid	Horses, Large-framed, mature; > 680 kg (including unweaned offspring)	13	18.6 NU	393 m²

Setback summary

Existing manure storage V3. Solid, outside, no cover, >= 30% DM

Design capacity 18.6 NU

Potential design capacity 18.6 NU

Factor A (odour potential) 0.7 Factor B (design capacity) 195.23 Factor D (manure type) 0.7 Factor E (encroaching land use) 2.2

Building base distance 'F' (A x B x D x E) (minimum distance from livestock barn) 211 m (692 ft)

,

Actual distance from livestock barn NA

Storage base distance 'S' 211 m (692 ft)

(minimum distance from manure storage)

Farm contact information

①

6718 Gerrie Road Elora, ON Location of existing livestock facility or anaerobic digestor

County of Wellington
Township of Centre Wellington

NICHOL

Concession 12, Lot 13

Roll number: 2326000023084000000

Total lot size 89.34 ha

Livestock/manure summary

Manure Form	Type of livestock/manure	Existing maximum number	Existing maximum number (NU)	Estimated livestock barn area
Liquid	Dairy, Calves Large Frame (45 - 182 kg) (eg. Holsteins)	375	62.5 NU	1219 m²



Confirm Livestock/Manure Information (Farm 90)

The livestock/manure information has not been confirmed with the property owner and/or farm operator.

Setback summary

Existing manure storage M1. Liquid, outside, no cover, straight-walled storage

Design capacity 62.5 NU
Potential design capacity 62.5 NU

Factor A (odour potential) 0.7 Factor B (design capacity) 282.23 Factor D (manure type) 0.8 Factor E (encroaching land use) 2.2

Building base distance 'F' (A x B x D x E) (minimum distance from livestock barn) 348 m (1142 ft)

Actual distance from livestock barn NA

Storage base distance 'S' 414 m (1358 ft)

(minimum distance from manure storage)

AgriSuite

6/7/24, 11:38 AM
Signature of preparer

Nash Colville , Environmental Consultant	Date (mmm-dd-yyyy)

Note to the user

The Ontario Ministry of Agriculture, Food and Rural Affairs (OMAFRA) has developed this software program for distribution and use with the Minimum Distance Separation (MDS) Formulae as a public service to assist farmers, consultants, and the general public. This version of the software distributed by OMAFRA will be considered to be the official version for purposes of calculating MDS. OMAFRA is not responsible for errors due to inaccurate or incorrect data or information; mistakes in calculation; errors arising out of modification of the software, or errors arising out of incorrect inputting of data. All data and calculations should be verified before acting on them.

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Signature of preparer

John Liotta , Agrologist/Ecologist	Date (mmm-dd-yyyy)

Note to the user

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