

R.M. OF GREY

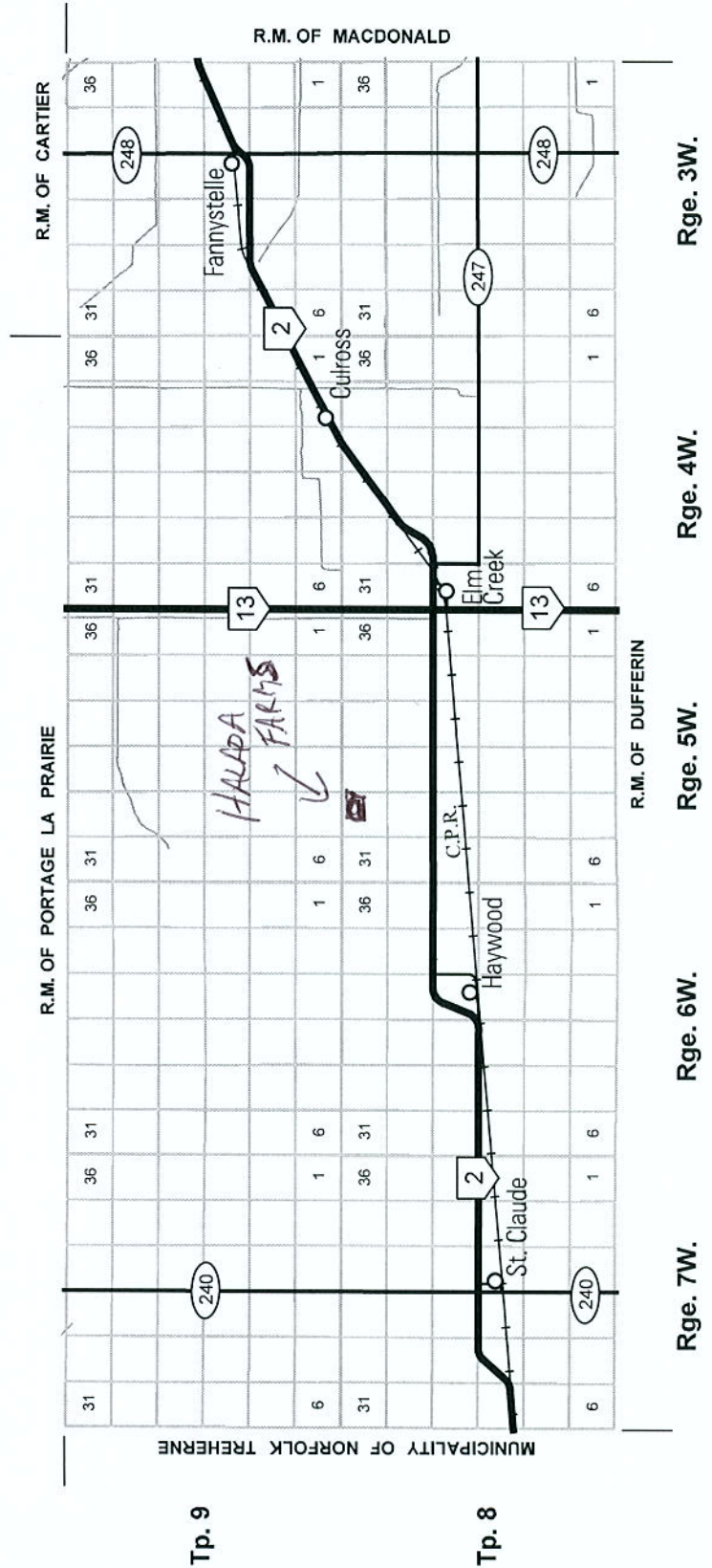
PROVINCE OF MANITOBA
 INFRASTRUCTURE
 HIGHWAY PLANNING AND DESIGN BRANCH
 GEOGRAPHIC & RECORDS MANAGEMENT SECTION
 WINNIPEG
 JANUARY 1, 2015



0 5
 SCALE IN KILOMETRES

LEGEND

- PROVINCIAL TRUNK HIGHWAYS 13
- PROVINCIAL ROADS 247
- ACCESS ROADS
- RAILWAYS



HalardaFarms Ltd

Write a description for your map.

Legend

- GoogleEarth_Placemark
- Line Measure

Handwritten annotations on the map:
→ 725 foot
80
1150
342
338

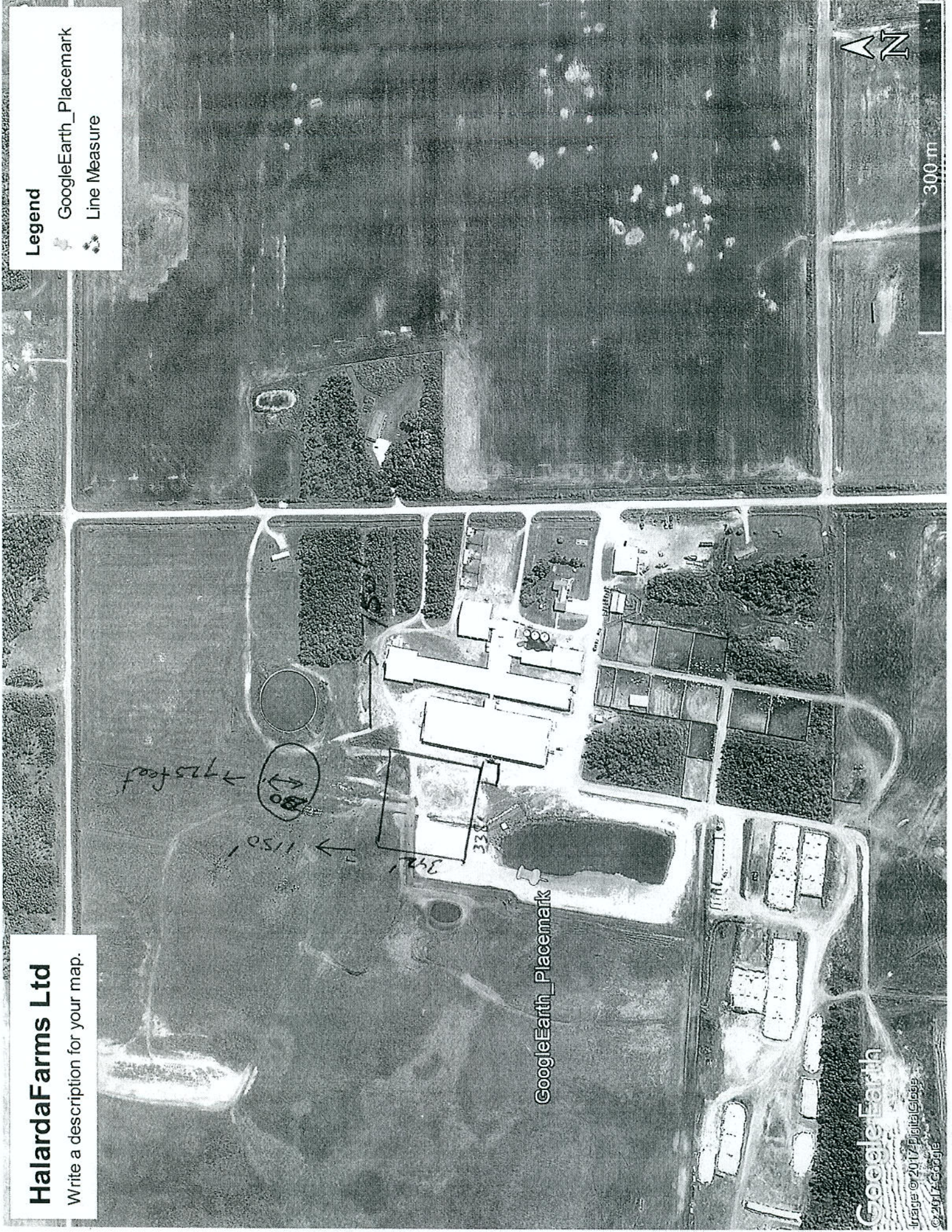
GoogleEarth_Placemark

Google Earth

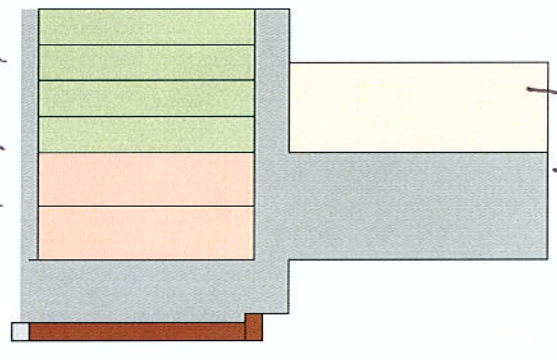
Image © 2017 DigitalGlobe
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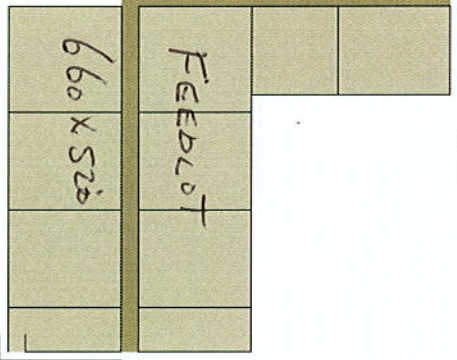
300 m



Silage bunker
90x240

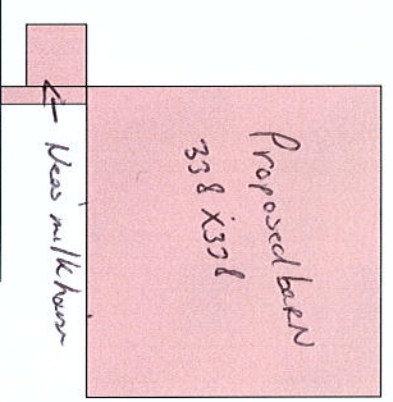


Silage bunkers
4x 40x240
2x 60x240



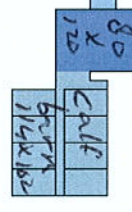
shop
50x80

RM ROAD

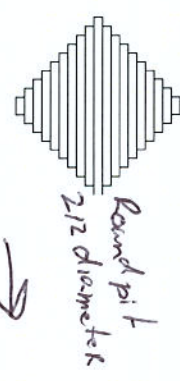
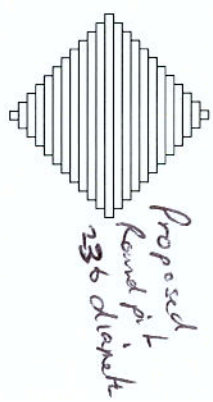


2008 barn
149x421

Old barn 77x635



Future year
stake barn

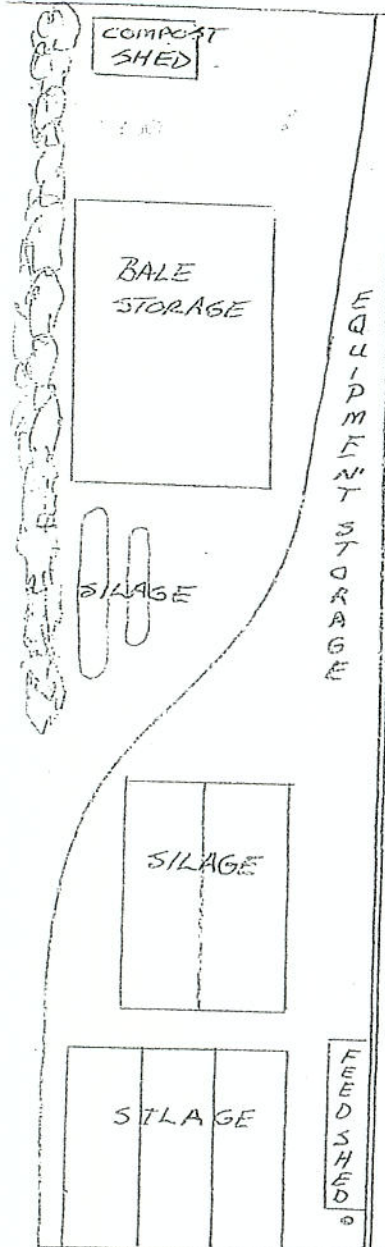


760 feet road
535 feet by road

BUSH

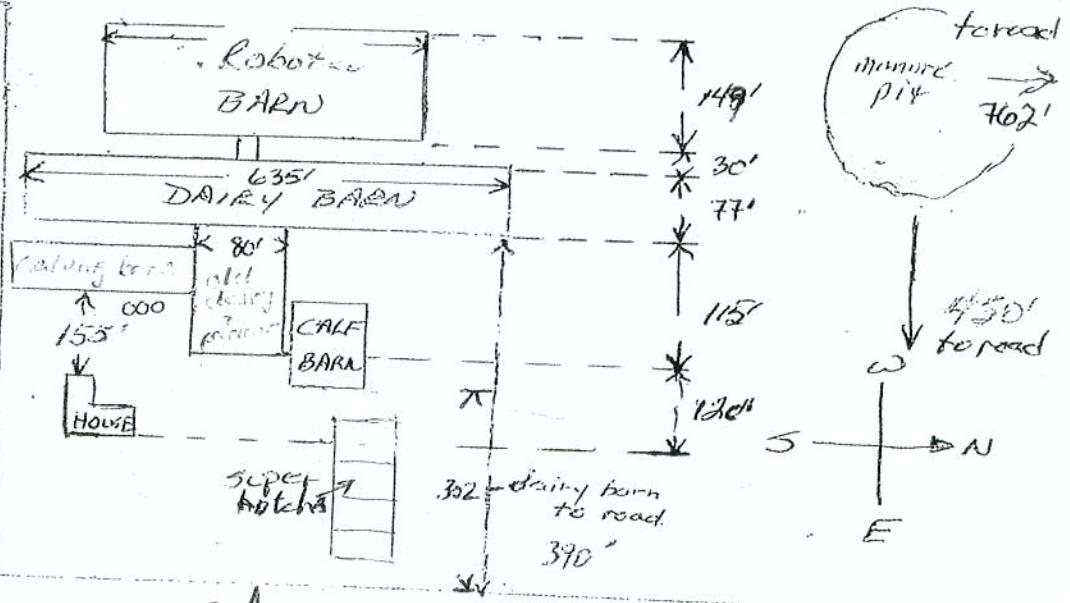
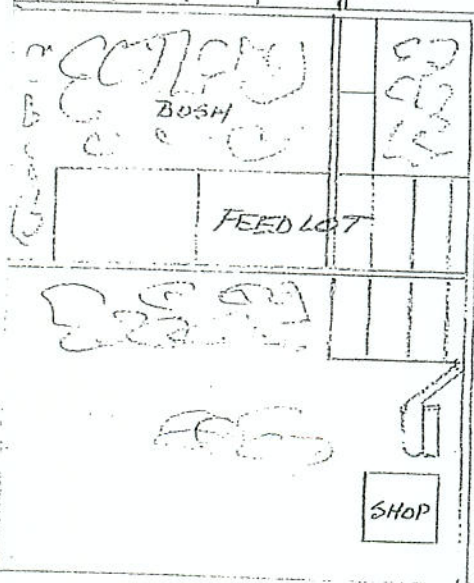


* DUGOUT 175M FROM PROPOSED COMPOST AREA



PASTURE

* DUGOUT 450M FROM PROPOSED COMPOST AREA



12A

3cm = 100m

Dairy Barn Water Requirement Estimator*

Enter the following farm data:

Number of lactating/milking cows	1250
Average milk production (litres)	38 **
Parlor or tie stall (P/TS)	p
Collection yard if free stall (Y/N)	n
Plate cooler (Y/N)	y
Milkings per day	2.8
Plate cooler water reused? (Y/N)	y

Total water needs estimate per day:	
Litres	213958
Imperial gallons	47127
Cubic decametres	0.21

Total water needs estimate per year:	
Litres	78094488
Imperial gallons	17201429
Cubic decametres	78.09

*Calculations are based on Manitoba AVERAGES for
• Feed composition

Animal Units Calculator

A	B	C	Current Operation		Proposed Operation	
			D	E	F	G
Operation Type	Animal Categories	Animal Units per Head	Current Number of Animals ¹. Based on 1000 milking cows add 20% dry cows approved in 2008. Rest of cattle numbers based on 2008	Current Animal Units. Based on animals on farm and approved in 2008	Proposed Number of Animals ². Based on 1250 milk cows plus 280 dry cows	Proposed Number of Animal Units
	Mature cows (lactating and dry) including associated livestock	2	1,200	2,400	1,530	3,060
Dairy ³	Mature cows (lactating and dry)	1.35		-		-
	Heifers (0 to 3 months)	0.16		-		-
	Heifers (4 to 13 months)	0.41		-		-
	Heifers (> 13 months)	0.87		-		-
	Bulls	1.35	-	-	-	-
	Veal calves	0.13		-		-
Beef	Beef cows including associated livestock	1.25	491	614	140	175
	Backgrounder	0.5	384	192	110	55
	Summer pasture / replacement heifers	0.625	175	109	15	9
	Feeder cattle	0.769	15	12	30	23
Pigs	Sows - farrow to finish (234-254 lbs)	1.25		-		-
	Sows - farrow to weanling (up to 11 lbs)	0.25		-		-
	Sows - farrow to nursery (51 lbs)	0.313		-		-
	Boars (artificial insemination units)	0.2		-		-
	Weanlings, Nursery (11-51 lbs)	0.033		-		-
	Growers / Finishers (51-249 lbs)	0.143		-		-
Chickens	Broilers	0.005		-		-
	Roasters	0.01		-		-
	Layers	0.0083		-		-
	Pullets	0.0033		-		-
	Broiler breeder pullets	0.0033		-		-
	Broiler breeder hens	0.01		-		-
Turkeys	Broilers	0.01		-		-
	Heavy Toms	0.02		-		-
	Heavy Hens	0.01		-		-
Horses	Mares	1.333		-		-
Sheep	Ewes	0.2		-		-
	Feeder lambs	0.083		-		-
Other Livestock	Type:			-		-
	Type:			-		-
Total Current:				3,327	Total Proposed:	3,322

Footnotes:

¹ Enter the current number of animals on the farm based on the operation's capacity (animal places) or previous Conditional Use Approval.

² Enter the total number of animals associated with the operation post construction or expansion.

³ There are 2 methods for calculating animal units for dairy (Farm Practices Guidelines for Dairy Producers in Manitoba, 1995). You can enter the total number of mature cows in the milking herd under the "Mature cows (lactating and dry) including associated livestock" category and the animal units will be calculated by multiplying this number by 2. This calculation assumes 85 lactating, 15 dry, 12 heifers (0 to 3 months), 36 heifers (4 to 13 months) and 50 heifers (> 13 months) for an operation with 100 mature cows. "Associated livestock" includes all of the heifer calves and replacement heifers. Alternatively, you can enter animal numbers in the individual categories (mature cows, heifers (0 to 3 months), heifers (4 to 13 months) and heifers (> 13 months)) and they will be summed at the bottom of the table. Bulls and veal calves are always calculated separately.

[For all other livestock or operation types please inquire with the Manitoba Agriculture Contacts](#)





Manure Production Calculator

Animal Type (A)	Animal Sub-type (B)	Daily Manure Production				Production Period ² (Days) (G)	Number of Animals ³ (Capacity) (H)	Total Manure Volume (ft ³) (F×G×H)	Total Manure Volume for Semi-Solid and Liquid Manure (Imp Gal)
		References (C)	Manure Type (D)	Default Manure Production (ft ³ /animal/day) (E)	Operation Manure Production ¹ (ft ³ /animal/day) (F)				
Dairy (milk cows ⁴ and associated livestock)	Free Stall		Semi-Solid ⁵ Solid	3.5 3.4	3.4	365	347,480.00	0.0	
	Tie Stall	Table 6, pg 59, FPGs for Dairy 1995	Semi-Solid ⁵ Solid	3.5 3.6	3.5	1,250	1,596,875.00	9,948,531.3	
	Loose Housing		Liquid ⁵ Solid	3.6 3.0				0.0	
	Milking Parlour Manure and Washwater		Liquid	0.5					
	Beef cows including associated livestock		Solid	1.2	1.2	365.00	61,320.00		
	Backgrounder (200 day)		Solid	0.73	0.73	365.00	29,309.50		
	Summer pasture / replacement heifers	pg 117, FPGs for Hogs 1998	Solid	0.85	0.625	365.00	3,421.88		
	Feeder cattle		Solid	1.1	1.1	365.00	12,045.00		
	Sows - farrow to finish (234 - 254 lbs)		Liquid	2.3				0.0	
	Sows - farrow to wean (up to 11 lbs)	MAFRI website, FPGs for Pigs 2007	Liquid	0.8				0.0	
Sows - farrow to nursery (51 lbs)		Liquid	1				0.0		
Weanlings, Nursery (11 - 51 lbs)		Liquid	0.1				0.0		
Grower / Finisher (51 - 249 lbs)		Liquid	0.25				0.0		
Chickens	Broilers – floor ⁶			1.23					
	Broiler breeder hens ⁷			2.3					
	Broiler breeder pullets ⁶			0.99					
	Roasters – floor ⁶			1.16					
	Layers – cage ⁸	Table 3, pg 85, FPGs for Poultry 2000		2.33				0.0	
	Layers – floor ⁷			1.68					
	Layers – solid pack ⁹								
	Pullets – cage ⁸			0.71				0.0	
	Pullets – floor ⁶			0.75					
	Pullets – solid pack ⁹								
Turkeys	Broilers ⁶	Table 3, pg 85, FPGs for Poultry 2000		2.83					
	Heavy toms ⁶			5.58					
	Heavy hens ⁶			3.32					

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

Instructions and footnotes:

- ¹ ENTER the manure production estimate for your operation. If no estimate is available, use the default value provided in column E. References for default daily and yearly manure production are provided in column C.
- ² ENTER the number of days worth of manure that will be produced. For earthen manure storage facilities the minimum storage requirement is 400 days. For steel and concrete manure storage facilities the minimum storage requirement is 250 days.
- ³ ENTER the total number of animals or birds that the operation can hold (e.g. barn or feedlot capacity).
- ⁴ Milking cows includes all lactating and dry cows.
- ⁵ Default manure production estimates for semi-solid and liquid dairy manure include manure and washwater from the milking parlour.
- ⁶ 2 inches of wood shavings or 4 inches of straw placed on floor. Manure and litter removed from barn at 25% moisture content, with a density of 20 lb/ft³.
- ⁷ One-third litter floor, two-thirds slatted floor. Manure and litter removed from barn at 40% moisture content, with a density of 25 lb/ft³.
- ⁸ Manure removed from barn at 90% moisture content with a density of 59 lb/ft³.
- ⁹ Poultry operations using litter (solid pack) must provide an estimate of yearly manure production.

If available, indicate the dimensions of any proposed manure storage facility (MSF) that will be used to store manure from the proposed project:

CELL	Proposed Manure Storage Facility Dimensions						Storage Capacity (days)
	Width	Length	Depth	Height (Above Grade)	Slope (H:L)		
					Inside	Outside	
Primary	ft	ft	ft	ft			
Secondary	ft	ft	ft	ft			
Tertiary	ft	ft	ft	ft			
Circular Tank		Diameter	Height	Depth			
		236 ft	12 ft	12 ft			

The construction, modification or expansion of any manure storage structure requires a permit from Manitoba Sustainable Development as per the *Livestock Manure and Mortalities Management Regulation (M.R. 42/98)*.



CELL	Existing Manure Storage Facility Dimensions						Storage Capacity (days)
	Width	Length	Depth	Height (Above Grade)	Slope (H:L)		
					Inside	Outside	
Primary	ft	ft	ft	ft			
Secondary	ft	ft	ft	ft			
Tertiary	ft	ft	ft	ft			
Square under barn Pit		Lenght	Width	Depth			
		421 ft	149 ft	8 ft			

Permit/Registration # _____ LM776 _____



Existing and Proposed Manure Storage Facility Dimension Table

If applicable, indicate the dimensions of any existing manure storage facility (MSF) that will be used to store manure from the proposed project:

CELL	Existing Manure Storage Facility Dimensions						Storage Capacity (days)
	Width	Length	Depth	Height (Above Grade)	Slope (H:L)		
					Inside	Outside	
Primary	ft	ft	ft	ft			
Secondary	ft	ft	ft	ft			
Tertiary	ft	ft	ft	ft			
Circular Tank	Diameter	Height	Depth (Above Grade)				
	212 ft	12	12 ft				

Permit/Registration # _____ LM 630 _____



Crop Rotation table.

Crop	Removal		Uptake		Yield	Units	Acreege	Removal		Uptake	
	P205	N	N	Units				(lb)	N	(lb)	N
Alfalfa	13.8	58	58	lb/ton	3.34	ton/ac	1400	64529	271208	271208	
Barley Grain	0.42	0.97	1.39	lb/bu		bu/ac		-	-	-	
Barley Silage	11.8	34.4	34.4	lb/ton	2.1	ton/ac	300	7434	21672	21672	
Canola	1.04	1.93	3.19	lb/bu		bu/ac		-	-	-	
Corn Grain	0.44	0.97	1.53	lb/bu	110	bu/ac	500	24200	53350	84150	
Corn Silage	12.7	31.2	31.2	lb/ton	4.14	tons/ac	1400	73609	180835	180835	
Dry Edible Beans	1.39	4.17		lb/cwt		cwt/ac		-	-	-	
Fababeans	1.79	5.02	8.4	lb/cwt		cwt/ac		-	-	-	
Flax	0.65	2.13	2.88	lb/bu		bu/ac		-	-	-	
Grass Hay	10	34.2	34.2	lb/ton		tons/ac		-	-	-	
Lentils	1.03	3.39	5.08	lb/cwt		cwt/ac		-	-	-	
Oats	0.26	0.62	1.07	lb/bu		bu/ac		-	-	-	
Pasture (grazed)	10	34.2	34.2	lb/ton	0.5	ton/ac	550	2750	9405	9405	
Peas	0.69	2.34	3.06	lb/bu		bu/ac		-	-	-	
Potatoes	0.09	0.32	0.57	lb/cwt		cwt/ac		-	-	-	
Rye	0.45	1.06	1.67	lb/bu		bu/ac		-	-	-	
Soybeans	0.84	3.87	5.2	lb/bu	37.3	bu/ac	388	12157	56008	75256	
Sunflower	1.1	2.8		lb/cwt		cwt/ac		-	-	-	
Wheat - Spring	0.59	1.5	2.11	lb/bu		bu/ac		-	-	-	
Wheat - Winter	0.51	1.04	1.35	lb/bu		bu/ac		-	-	-	
Sub Total							4538	184679	592478	642527	
Estimated Average Removal/Uptake (lb/ac)								40.7	130.6	141.6	
Additional Acres											
Crop Planned on Additional Acres											
Total Acreage							4538				





MASC Alfalfa grass mix - higher yield
 Greenfeed - nothing for barley silage in MASC
 MASC
 MASC - 11.84 ton wet yield

40 lb/acre removal for a dairy is typical (and higher than grain/oilseed and others)

Note: Additional acres include acres for which crop removal or soil data is limited or unavailable.

**Manitoba Agriculture Food and Rural Development
Land Base Calculator**

Colour Conventions:

-  Farm specific data can be entered in the yellow cells of each tab. Where appropriate, default values have been provided but can be changed.
-  Fixed data are provided in the grey cells of each tab.
-  Calculated values are shown in the green cells of each tab.
-  **The land base requirements for nitrogen (N) and phosphorus (P2O5) are provided in the amber cells on tab 4.**

Data Entry and Tab Information:

- Enter all of the livestock for your farm and associated data in the yellow cells under tabs 1a to 1e.
- Enter all of the crop rotation data on tab 2. Long-term crop yield averages using MASc records are required for Provincial Technical Review Site Assessments.
- Total nitrogen (N) and total phosphorus (P2O5) excreted by the livestock are summarized on tab 3.
- Nutrient excretion, crop nutrient use and acres required for nitrogen (N) and phosphorus (P2O5) are summarized on tab 4.

For assistance, contact:

Clay Sawka, Nutrient Management Specialist, MAFRD, (204) 750-3066
Petra Loro, Livestock Environment Specialist, MAFRD, (204) 945-3869

Last revised January 27, 2016

Species	Type	Storage Type	Volatilization	Animal Numbers	Weight In (lb)	Weight Out (lb)	Average Animal Wt (lb)	Days per Cycle (Days)	Cycles per Year	Rate of Gain (lb/day)	Days Place Is Occupied per Year (days)	N Excreted Per Herd Adjusted for Storage N Loss (lb N/yr)	P2O5 Excreted Per Herd Per Year (lb P2O5/yr)
Cow Calf	Mature Cows (>2 years old)	Field Storage	40%	0	1375	1375	1375	365	1.0	1.42	365	0.0	0.0
Cow Calf	Bred Heifer (14 mo - 2 years)	Field Storage	40%	0	926	1238	1082	280	1.0	1.42	280	0.0	0.0
Cow Calf	Replacement Heifers (7 mo-14 mo)	Field Storage	40%	0	581	926	754	225	1.0	1.53	225	0.0	0.0
Cow Calf	Unweaned Calves (0-7 mo)	Field Storage	40%	0	86	581	334	210	1.0	2.35	210	0.0	0.0
Cow Calf	Bulls	Field Storage	40%	0	2100	2200	2150	365	1.0	n/a	365	0.0	0.0
Cow Calf	Mature Cows and Bred Heifers, plus associated livestock	Manure Pack	20%	140	n/a	n/a	n/a	n/a	n/a	n/a	n/a	25094.0	7805.6
Feeder	Feedlot Cattle - long keep	Manure Pack	20%	30	581	1300	941	240	1.0	2.99	240	1742.5	723.9
Feeder	Feedlot Cattle - short keep	Field Storage	40%	0	975	1300	1138	116	1.0	2.80	116	0.0	0.0
Feeder	Backrounders - pasture	Manure Pack	20%	15	793	975	884	105	1.0	1.73	105	354.0	94.9
Feeder	Backrounders - confined	Manure Pack	20%	110	500	793	647	180	1.0	1.82	180	4206.2	1454.6

Last Revised January 21, 2015

Type	Storage Type	Volatilization	Animal Numbers	Weight In (lb)	Weight Out (lb)	Average Animal Wt (lb)	Days on Feed per Cycle (days)	Number of Cycles per Year	N Excreted Per Herd Adjusted for Storage N Loss (lb/yr/herd)	P205 Excreted per Herd Per Year (lb/yr/herd)
Lactating Cows	Liquid Uncovered Steel/Concrete	10%	0	1400	1440	1420	365	1	0	0
Dry Cows	Manure Pack	20%	0	1440	1440	1440	365	1	0	0
Calves, 0-3 months	Manure Pack	20%	0	90	275	183	365	1	0	0
Calves, 4-13 months	Manure Pack	20%	0	275	810	543	365	1	0	0
Replacements, > 13 months	Manure Pack	20%	0	810	1250	1030	365	1	0	0
Mature Cows, plus associated livestock	Liquid Uncovered Steel/Concrete	10%	1530	n/a	n/a	n/a	n/a	n/a	512965	211718

Last revised August 20, 2014

Crop	Removal		Uptake		Yield	Units	Acreage	Removal		Uptake	
	P205	N	N	N				(lb)	(lb)	(lb)	(lb)
Alfalfa	13.8	58	58	58	3.34	ton/ac	1400	64529	271208	271208	271208
Barley Grain	0.42	0.97	1.39	1.39		bu/ac					
Barley Silage	11.8	34.4	34.4	34.4	2.1	ton/ac	300	7434	21672	21672	21672
Canola	1.04	1.93	3.19	3.19		bu/ac					
Corn Grain	0.44	0.97	1.53	1.53	110	bu/ac	500	24200	53350	84150	84150
Corn Silage	12.7	31.2	31.2	31.2	4.14	tons/ac	1400	73609	180835	180835	180835
Dry Edible Beans	1.39	4.17				lb/cwt					
Fababeans	1.79	5.02	8.4	8.4		cwt/ac					
Flax	0.65	2.13	2.88	2.88		bu/ac					
Grass Hay	10	34.2	34.2	34.2		tons/ac					
Lentils	1.03	3.39	5.08	5.08		cwt/ac					
Oats	0.26	0.62	1.07	1.07		bu/ac					
Pasture (grazed)	10	34.2	34.2	34.2	0.5	ton/ac	550	2750	9405	9405	9405
Peas	0.69	2.34	3.06	3.06		bu/ac					
Potatoes	0.09	0.32	0.57	0.57		cwt/ac					
Rye	0.45	1.06	1.67	1.67		bu/ac					
Soybeans	0.84	3.87	5.2	5.2	37.3	bu/ac	388	12157	56008	75256	75256
Sunflower	1.1	2.8				cwt/ac					
Wheat - Spring	0.59	1.5	2.11	2.11		bu/ac					
Wheat - Winter	0.51	1.04	1.35	1.35		bu/ac					
Sub Total							4538	184679	592478	642527	642527

MASC Alfalfa grass mix - higher yield

Greenfeed - nothing for barley silage in MASC

MASC

MASC - 11.84 ton wet yield

MASC

40 lb/acre removal for a dairy is typical (and higher than grain/oilseed and others)

Estimated Average Removal/Uptake (lb/ac)

Additional Acres

Crop Planned on Additional Acres

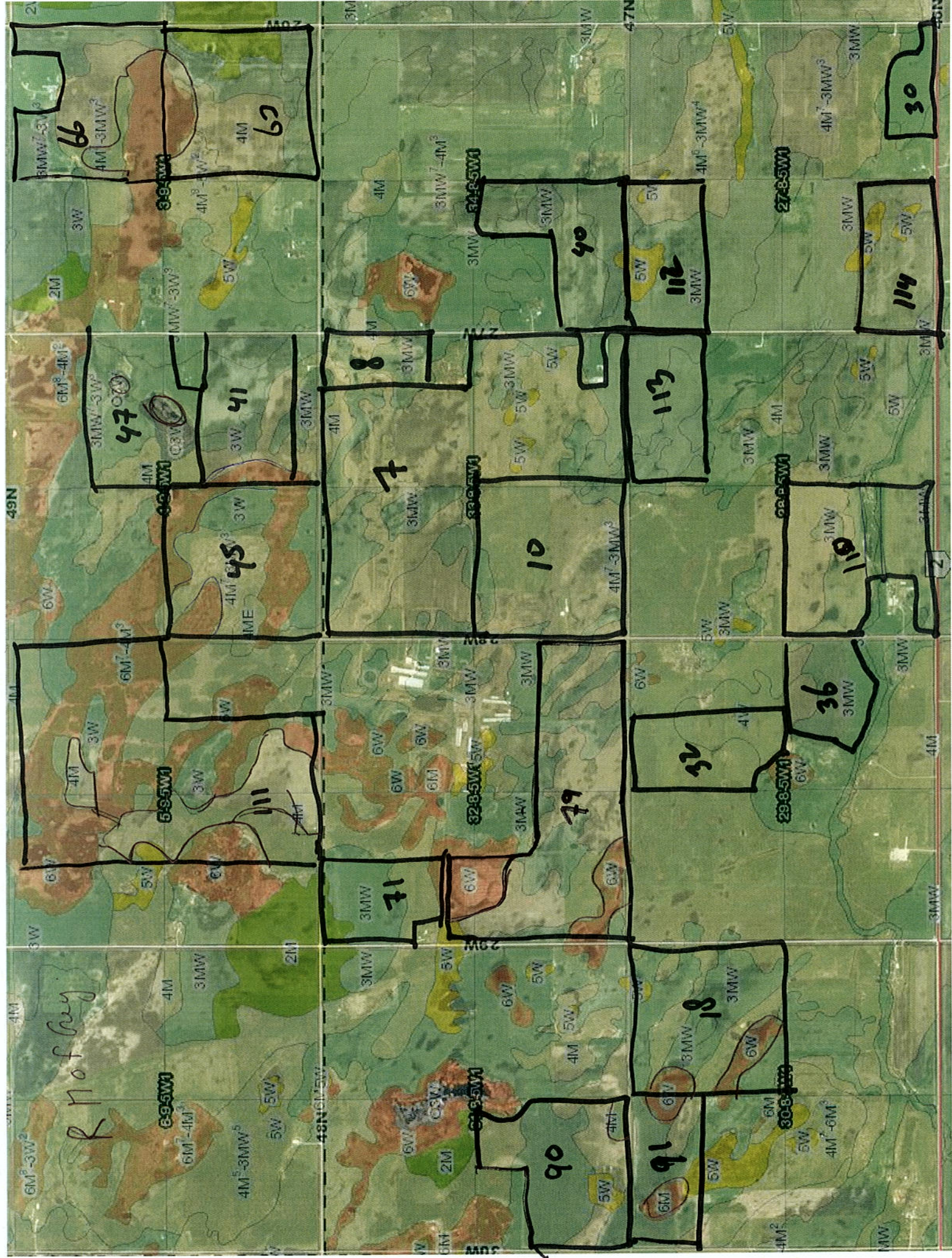
Total Acreage 4538

Note: Additional acres include acres for which crop removal or soil data is limited or unavailable.

Species	Animal Category/Operation type	N (lb/year)	P2O5 (lb/year)
Pigs	Gestating Sow	0	0
	Nursing Sow	0	0
	Nursing Litter	0	0
	Live Cull Sows	0	0
	Bred Gilts	0	0
	Gilts	0	0
	Boars	0	0
	Weanlings	0	0
	Growers/finishers	0	0
	Sows, farrow to 5 kg	0	0
	Sows, farrow to 23 kg	0	0
	Sows, farrow to finish	0	0
	Beef	Mature Cows (>2 years old)	0
Bred Heifer (14 mo - 2 years)		0	0
Replacement Heifers (7 mo-14 mo)		0	0
Unweaned Calves (0-7 mo)		0	0
Bulls		0	0
Mature Cows and Bred Heifers, plus associated livestock		25094	7806
Feedlot Cattle - long keep		1742	724
Feedlot Cattle - short keep		0	0
Backgrounders - pasture		354	95
Backgrounders - confined		4206	1455
Dairy	Lactating cow	0	0
	Dry cow	0	0
	Calf, 0-3 months	0	0
	Calf, 4-13 months	0	0
	Replacements, >13 months	0	0
	Mature Cows, plus assoc livestock	512965	211718
Sheep	Ewes	0	0
	Replacement Ewes	0	0
	Rams	0	0
	Lambs	0	0
	Ewes, plus assoc livestock	0	0
	Feeder	0	0
Chickens	Broilers	0	0
	Broiler Breeder Pullets	0	0
	Broiler Breeder Hens	0	0
Layers	Layer Pullets	0	0
	Layer Hens	0	0
	Breeder Pullets	0	0
	Breeder Hens	0	0
Turkeys	Broiler Hens (0-9 wks)	0	0
	Hens (0-11 wks)	0	0
	Heavy Hens (0-14 wks)	0	0
	Light Toms (0-12 wks)	0	0
	Toms (0-13 wks)	0	0
	Heavy Toms (0-15 wks)	0	0
	Breeding Hen Growers (0-30 wks)	0	0
	Breeding Hens (30-60 wks)	0	0
	Breeding Tom Grower (0-18 wks)	0	0
	Breeding Tom Grower (0-30 wks)	0	0
	Breeding Tom (30-60 wks)	0	0
Total		544362	221797

Note: Be sure all livestock species on your farm are represented in this table, not just the livestock in the proposed expansion.

Nutrients Excreted	lbs
Nitrogen	544362
P2O5	221797
Crop Nutrient Use	
	lb/ac
Nitrogen Uptake	141.6
P2O5 Removal	40.7
Land Base Requirements	
	acres
Acres for Nitrogen Uptake	3845
Acres for 2 x P2O5 Removal	2725
Acres for 1 x P2O5 Removal	5450



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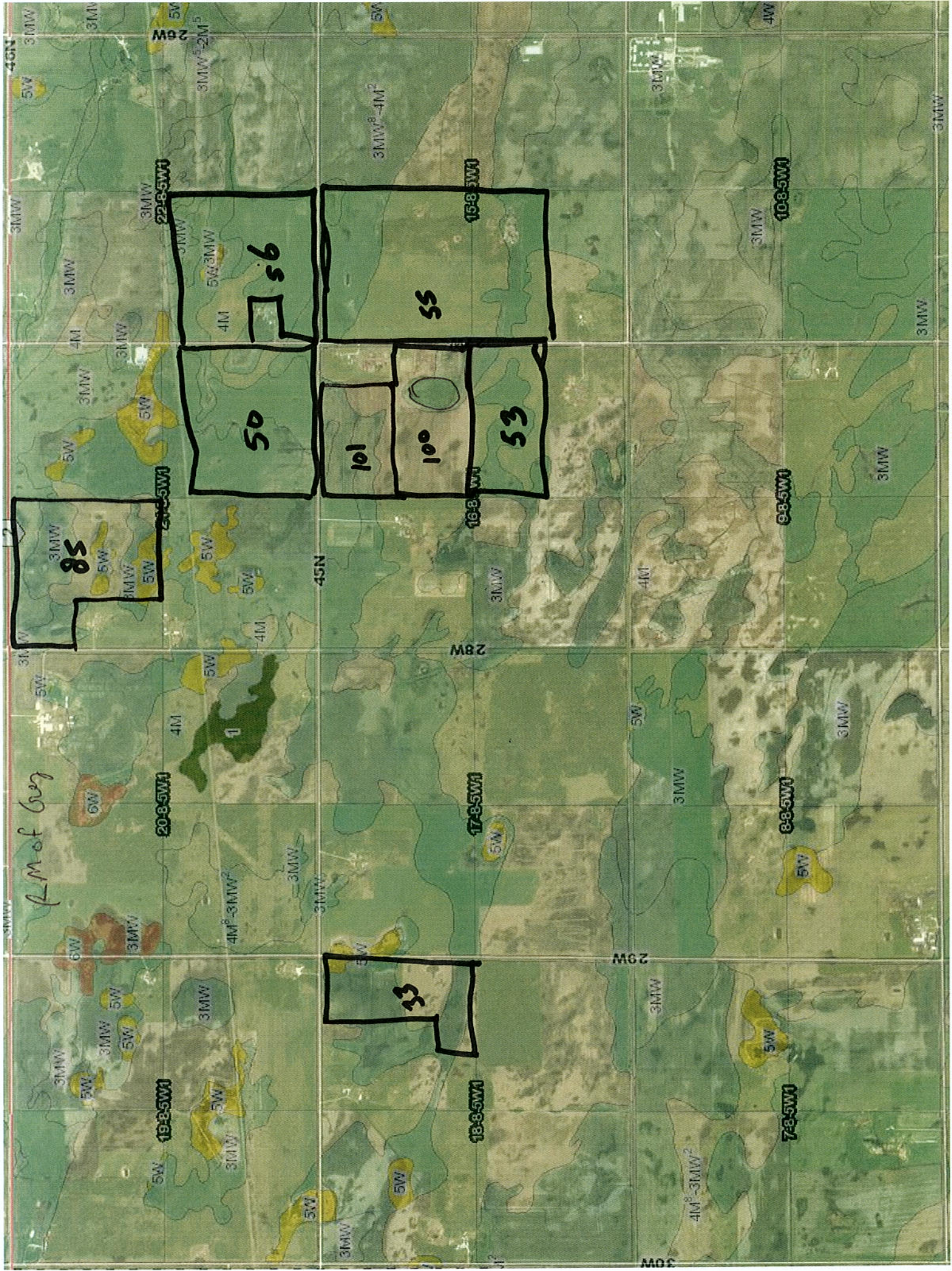
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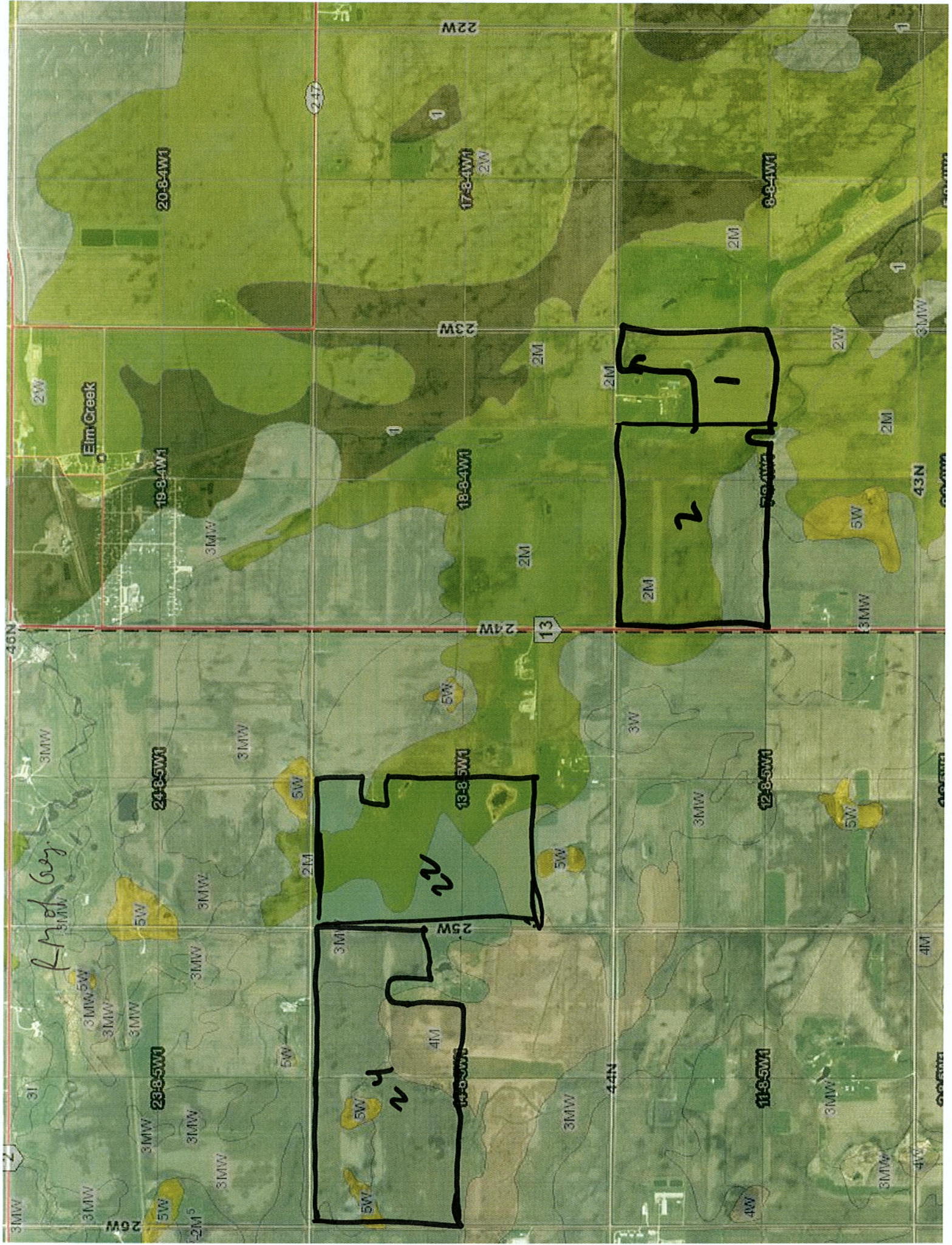
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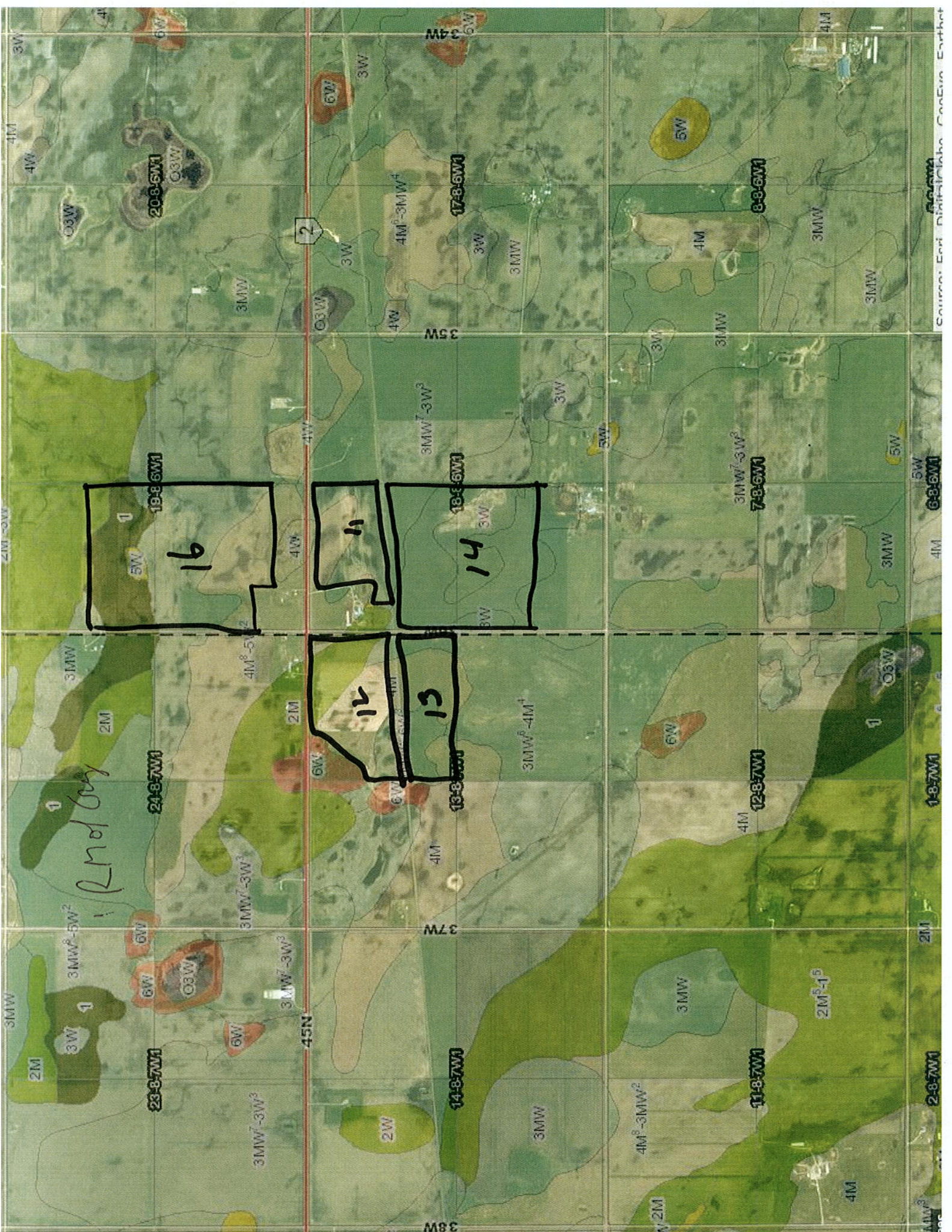
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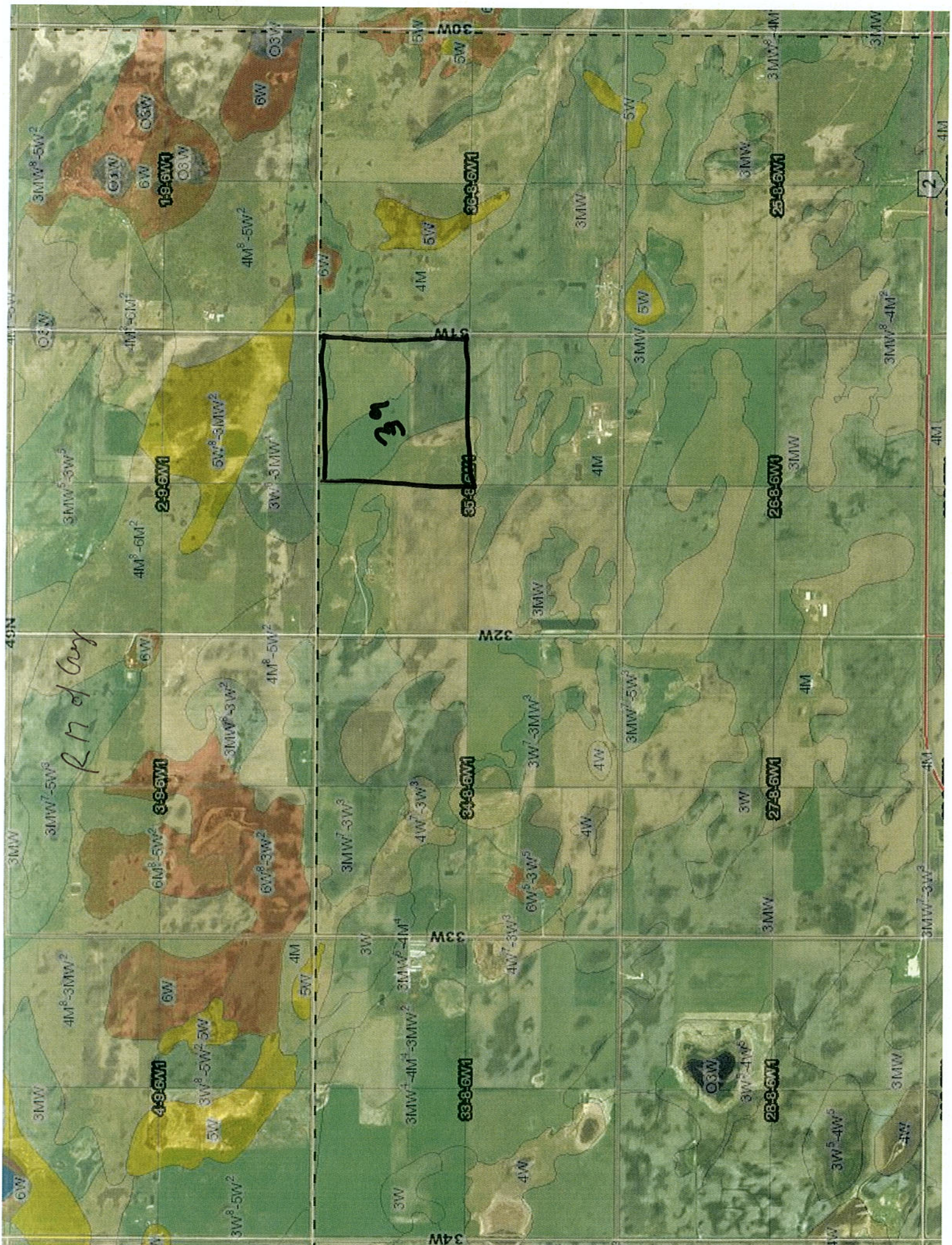
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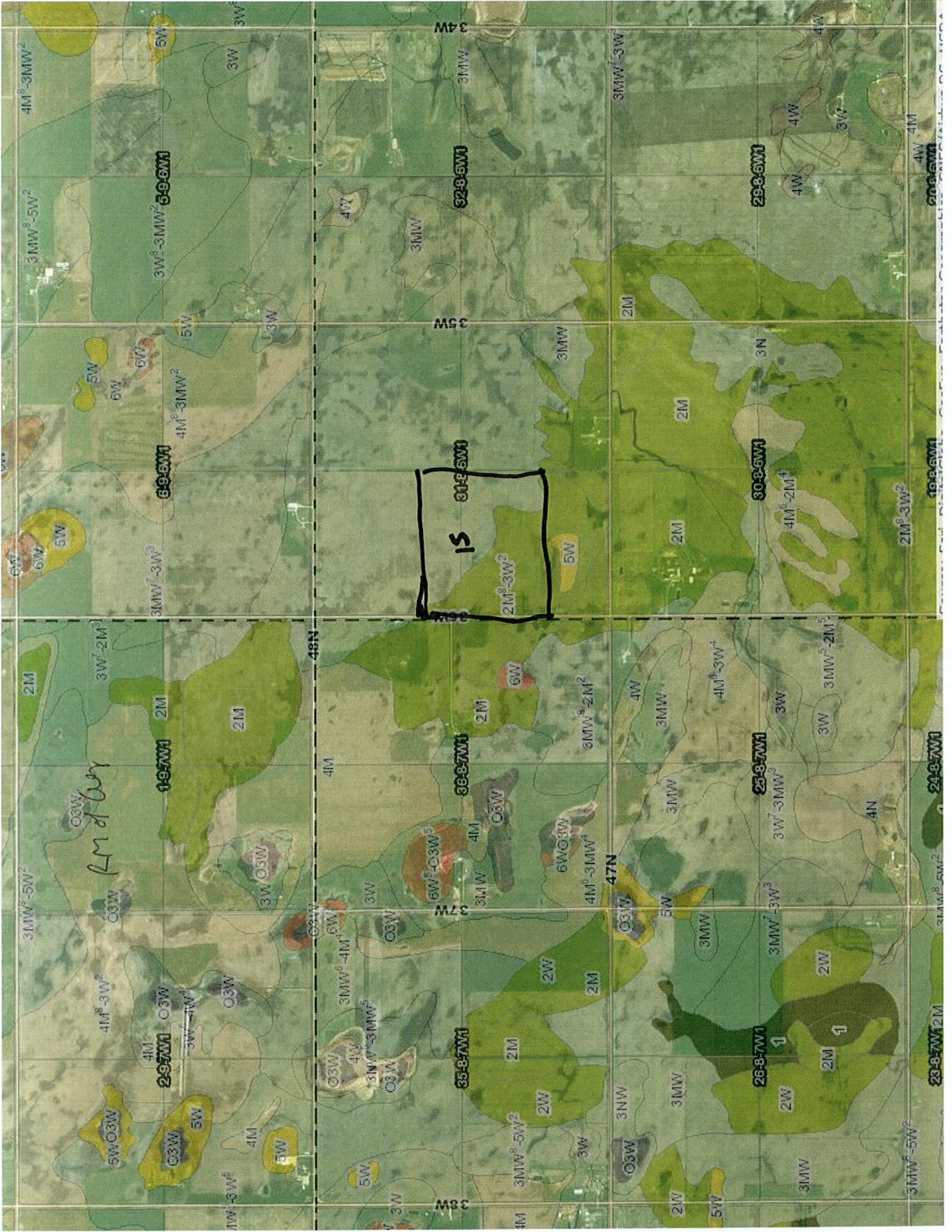
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29-7-1W1

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30-3-6W1

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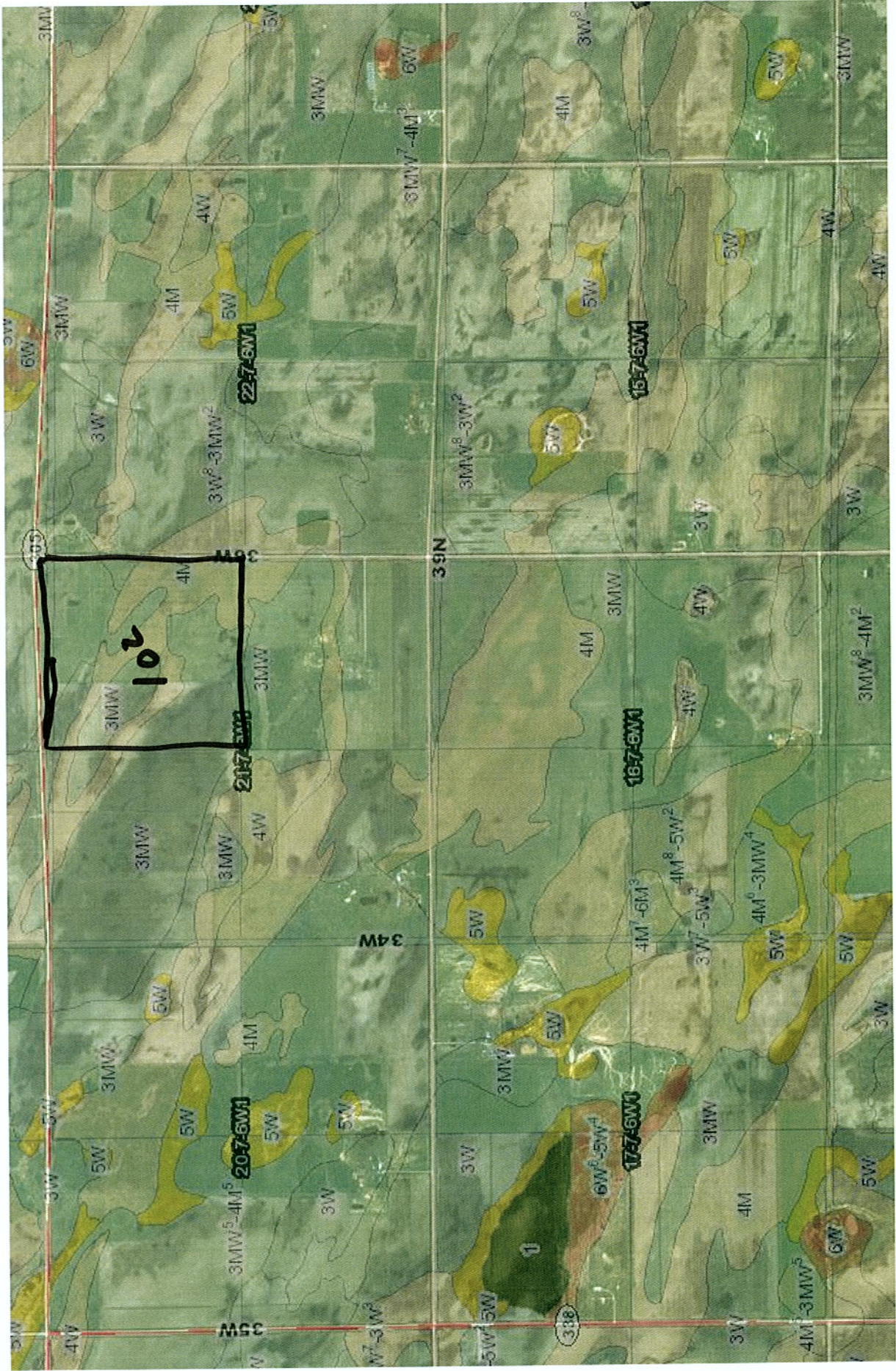
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6-9-6W1

20-3-6W1

RM of Dufferin



From: Friesen, Chris (SD) <Chris.Friesen@gov.mb.ca>
Sent: 22-Nov-17 8:59 AM
To: 'office@halarda.ca'
Subject: Halarda Dairy Barn

Anton

Thank you for your information request. I completed a search of the Manitoba Conservation Data Centre's rare species database and found no occurrences at this time for your area of interest.

The information provided in this letter is based on existing data known to the Manitoba Conservation Data Centre at the time of the request. These data are dependent on the research and observations of CDC staff and others who have shared their data, and reflect our current state of knowledge. An absence of data in any particular geographic area does not necessarily mean that species or ecological communities of concern are not present; in many areas, comprehensive surveys have never been completed. Therefore, this information should be regarded neither as a final statement on the occurrence of any species of concern, nor as a substitute for on-site surveys for species as part of environmental assessments.

Because the Manitoba CDC's Biotics database is continually updated and because information requests are evaluated by type of action, any given response is only appropriate for its respective request. Please contact the Manitoba CDC for an update on this natural heritage information if more than six months pass before it is utilized.

Third party requests for products wholly or partially derived from Biotics must be approved by the Manitoba CDC before information is released. Once approved, the primary user will identify the Manitoba CDC as data contributors on any map or publication using Biotics data, as follows as: Data developed by the Manitoba Conservation Data Centre; Wildlife & Fisheries Branch, Manitoba Sustainable Development.

This letter is for information purposes only - it does not constitute consent or approval of the proposed project or activity, nor does it negate the need for any permits or approvals required by the Province of Manitoba.

We would be interested in receiving a copy of the results of any field surveys that you may undertake, to update our database with the most current knowledge of the area.

If you have any questions or require further information please contact me directly at (204) 945-7747.

Chris Friesen
Coordinator
Manitoba Conservation Data Centre
204-945-7747
chris.friesen@gov.mb.ca
<http://www.manitoba.ca/sd/cdc/>

-----Original Message-----

From:
Sent: November-10-17 6:16 PM
To: Friesen, Chris (SD) <Chris.Friesen@gov.mb.ca>
Subject: Spam: WWW Form Submission

Below is the result of your feedback form. It was submitted by WWW Information Request () on Friday, November 10, 2017 at 18:16:00

DocumentID: Manitoba_Conservation

Project Title: Halarda Dairy Barn

Date Needed: 25/11/2017

Name: Anton Borst

Company/Organization: Halarda Farms Ltd

Address: Box 309

City: Elm Creek

Province/State: MB

Phone: 2047458935

Email: office@halarda.ca

Project Description: We are planning to build a 338x338 foot barn and a 3 million gallon manure storage at our current farm at NE 32-8-5W in the RM of Grey. We are going through a technical review.

Information Requested: A Conservation Data Centre Report must be requested and the response attached to this site assessment.

Format Requested: By email. Word document

Location: La Salle RedBoine Conservation District. RM of Grey.

action: Submit

Manure Application Field Characteristics Table

2018 ID#	A	B	C	D	E	F	G	H	I	J
	LEGAL	RM	O/C/L/A	Total Acres	Set back Including Features	ACRES	soiland sub	Soil Phos. PPM 0-6 inch	Development plan Designation	Zoning
DelLeeuw East	1 NE7-8-4	Grey	L/A	76	RM Ditch	74	2M	42	By-Law 2/99 Zone A	By Law 5/03 Zone AG
DelLeeuw West	2 NE+NW 7-8-4	Grey	L/A	200	RM Ditch, Highway Ditch	195	2M,3MW	35	By-Law 2/99 Zone A	By Law 5/03 Zone AG
ACROSS RD RL	7 SE+NE+NW33-8-5	Grey	O/L/A	385	RM Ditch, potholes.	365	3MW,4M,5W	47	By-Law 2/99 Zone A	By Law 5/03 Zone AG
ACROSS RD SA	8 NE 33-8-5W	Grey	O/L/A	40	RM Ditch	39	3MW,4M	31	By-Law 2/99 Zone A	By Law 5/03 Zone AG
ACROSS RD SHDS CULT	10 SW33-8-5	Grey	O	120	RM Ditch	118	3MW,4M	41	By-Law 2/99 Zone A	By Law 5/03 Zone AG
M LEVEN FLWR SHP	11 NW18-8-6	Grey	L/A	51	Highway Ditch	50	3M, 4M	21	By-Law 2/99 Zone A	By Law 5/03 Zone AG
M LEVEN N OF TRKS	12 NE13-8-7	Grey	L/A	52	Highway Ditch	50	2M,4M	20	By-Law 2/99 Zone A	By Law 5/03 Zone AG
M LEVEN S OF TRKS	13 NE13-8-7	Grey	L/A	48	RM Ditch	46	4M, 3MW	13	By-Law 2/99 Zone A	By Law 5/03 Zone AG
M LEVEN BIG	14 NW+SW18-8-6	Grey	L/A	140	RM Ditch	135	3M,3MW	18	By-Law 2/99 Zone A	By Law 5/03 Zone AG
MARCELS	15 SW+ NW31-8-6	Grey	L/A	120	Highway Ditch	110	2M,3W	23	By-Law 2/99 Zone A	By Law 5/03 Zone AG
ROBIDOUX	16 SW+NW 19-8-6	Grey	L/A	174	RM Ditch	170	1, 2M,3MW,5W	14	By-Law 2/99 Zone A	By Law 5/03 Zone AG
ESAU PAS	18 NE30-8-5	Grey	O	160	RM Ditch, Class 6W left out	120	3MW,5W	15	By-Law 2/99 Zone A	By Law 5/03 Zone AG
FRIESEN EAST	22 NW+SW 13-8-5	Grey	O	210	RM Ditch	205	2M,3M,4M	17	By-Law 2/99 Zone A	By Law 5/03 Zone AG
FRIESEN WEST	24 NE + NW 14-8-5	Grey	O	280	RM Ditch	270	3M,4M,5W,3MW	16	By-Law 2/99 Zone A	By Law 5/03 Zone AG
MARCELS HWY	30 SE27-8-5	Grey	L/A	35	RM Ditch	34	3M,3MW	36	By-Law 2/99 Zone A	By Law 5/03 Zone AG
TWISS	32 NE29-8-5	Grey	O	80	RM Ditch, Bush	75	3MW, 4W	15	By-Law 2/99 Zone A	By Law 5/03 Zone AG
MIDDELTON	33 NE18-8-5	Grey	L/A	80	RM Ditch, Creek	80	3MW, 4W	44	By-Law 2/99 Zone A	By Law 5/03 Zone AG
RALPH	36 SE 29-8-5	Grey	O	41	RM Ditch, Bush	40	3MW, 4W	14	By-Law 2/99 Zone A	By Law 5/03 Zone AG
LABOSSIERRE	39 NE 35-8-6	Grey	O	160	RM Ditch, Bush	150	3MW, 4W	11	By-Law 2/99 Zone A	By Law 5/03 Zone AG
VSTEEN HOME	40 SW34-8-5	Grey	L/A	120	RM Ditch	115	3MW, 4W,5W	25	By-Law 2/99 Zone A	By Law 5/03 Zone AG
VSTEEN NORTH	41 SE4-9-5	Grey	L/A	95	RM Ditch, Class 6 left out	80	3MW, 4W,6W	32	By-Law 2/99 Zone A	By Law 5/03 Zone AG
HILDEBRAND	45 SW4-9-5	Grey	O	160	RM Ditch, Bush, Class 6 left out	50	3W,4M,3MW	18	By-Law 2/99 Zone A	By Law 5/03 Zone AG
ENNS	47 NE+SE 4-9-5	Grey	O	110	RM Ditch, Potholes.	90	4M,3MW	8	By-Law 2/99 Zone A	By Law 5/03 Zone AG
PDRSN TRACKS	50 SE21-8-5	Grey	O	138	RM Ditch	135	3MW,4M	21	By-Law 2/99 Zone A	By Law 5/03 Zone AG
PDRSN YARD S	53 SE 16-8-5	Grey	O	80	RM Ditch	78	3MW,4M	26	By-Law 2/99 Zone A	By Law 5/03 Zone AG
PDRSN OPP YARD	55 NW+SW 15-8-5	Grey	O	175	RM Ditch, Bush	170	3MW,4M,5W	46	By-Law 2/99 Zone A	By Law 5/03 Zone AG
FUNK	56 SW 22-8-5 W	Grey	O	140	RM Ditch	135	3MW,4M,5W	25	By-Law 2/99 Zone A	By Law 5/03 Zone AG
ANDREW CORNER	63 SE 3-9-5	Grey	O	158	RM Ditch	135	2M,3MW,4M	13	By-Law 2/99 Zone A	By Law 5/03 Zone AG
ANDREW BHND YARD	66 NE 3-9-5	Grey	O	100	RM Ditch, Class 6 left out	80	3MW,4M	46	By-Law 2/99 Zone A	By Law 5/03 Zone AG
HM NW CRN	71 NW 32-8-5	Grey	O	68	RM Ditch, Class 6 left out	62	3MW,4M,5W	34	By-Law 2/99 Zone A	By Law 5/03 Zone AG
HM SOUTHWEST	79 SW+SE 32-8-5	Grey	O	190	RM Ditch, Class 6 left out	175	3MW,4M,5W	38	By-Law 2/99 Zone A	By Law 5/03 Zone AG
HOUDE SOUTH OF H	85 NW 21-8-5	Grey	L/A	100	RM Ditch	95	3MW,4M,5W	27	By-Law 2/99 Zone A	By Law 5/03 Zone AG
HOUDE BY OLD DUMP	90 SW31-8-5	Grey	L/A	120	RM Ditch, Bush	100	3MW,4M,5W	53	By-Law 2/99 Zone A	By Law 5/03 Zone AG
HOUDE WEST OF ESAU	91 NW 30-8-5	Grey	L/A	70	RM Ditch, Class 6 left out	50	3MW,4M,5W	25	By-Law 2/99 Zone A	By Law 5/03 Zone AG
Lee Home South	100 NE 16-8-5	Grey	A	80	RM Ditch, Bush	70	3MW,4M	44	By-Law 2/99 Zone A	By Law 5/03 Zone AG
Lee Home North	101 NE 16-8-5	Grey	A	80	RM Ditch, Yard	50	3MW,4M	29	By-Law 2/99 Zone A	By Law 5/03 Zone AG
Lee 305	102 NE 21-7-6	Dufferin	A	160	RM Ditch	155	3MW,4M	11	By-law 04/14 Zone A	By Law 3/14 Zone AG
Morley Jones	110 SW28-8-5	Grey	A	140	Highway Ditch, RM Ditch, Creek	130	3MW,4M	43	By-Law 2/99 Zone A	By Law 5/03 Zone AG
Morley Jones	111 Section 5-9-5	Grey	A	400	Bush, RM Ditch, Class 6 left out	62	3MW,4M,5W	10	By-Law 2/99 Zone A	By Law 5/03 Zone AG
Morley Jones	112 NW 27-8-5W	Grey	A	80	RM Ditch	75	3MW,4M	15	By-Law 2/99 Zone A	By Law 5/03 Zone AG
Morley Jones	113 NE 28-8-5W	Grey	A	80	Highway Ditch	75	3MW,4M	23	By-Law 2/99 Zone A	By Law 5/03 Zone AG
Morley Jones	114 SW 27-8-5W	Grey	A	80	RM Ditch	75	3MW,4M,5W	33	By-Law 2/99 Zone A	By Law 5/03 Zone AG
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