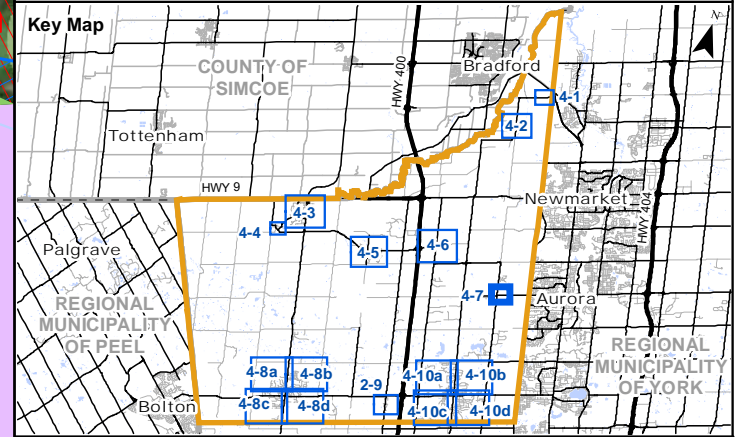
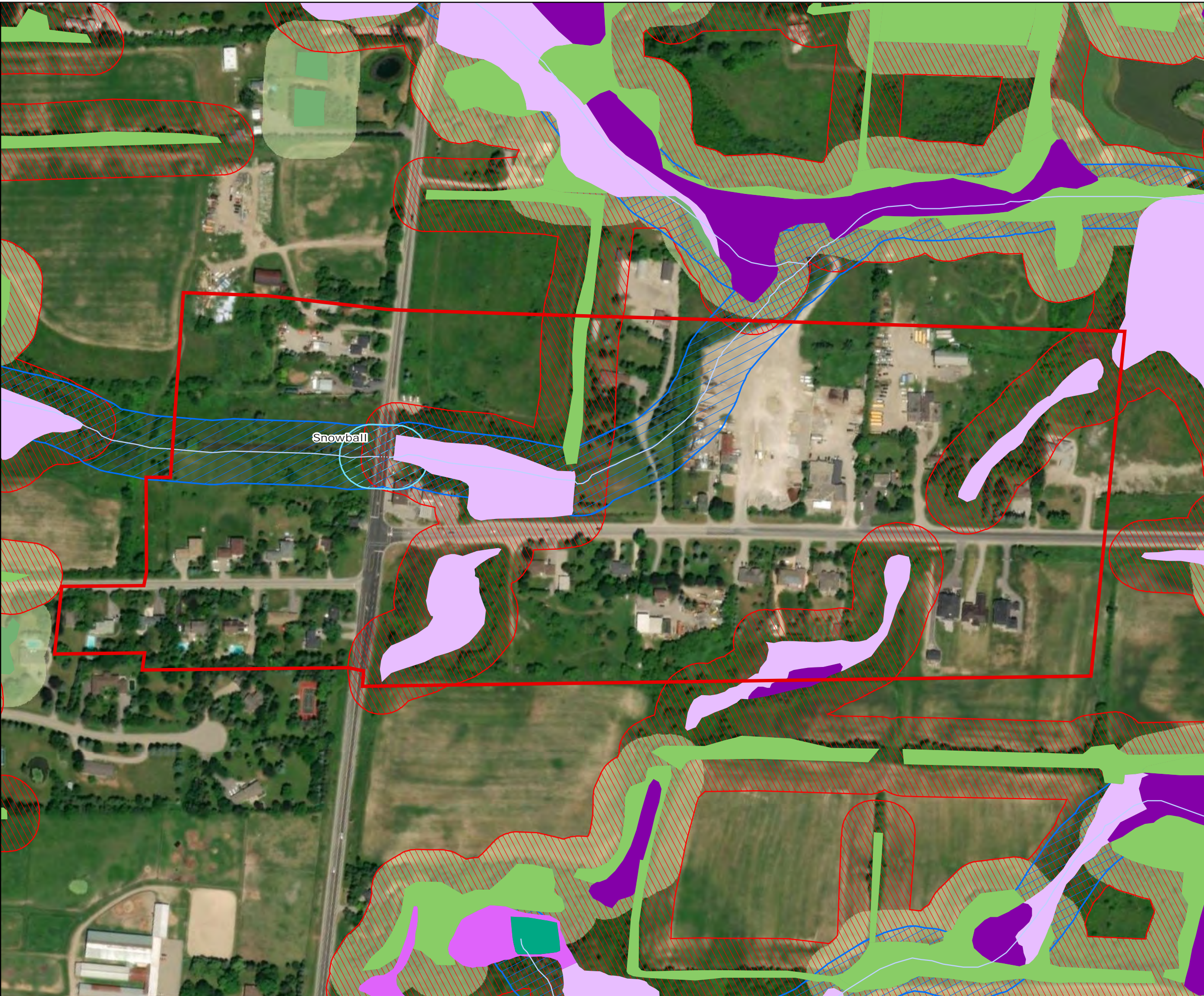


Township of King CSWMMMP

Snowball

Vegetation Protection Zones



Legend

Township of King	Wooded
Settlement Area	Open Aquatic
Permanent Watercourse	Swamp
Intermittent Watercourse	Thicket Wetland
Permanent Watercourse Buffer (30m)	Meadow Wetland
Intermittent Watercourse Buffer (30m)	Shallow Aquatic
Wooded Area	Vegetation Protection Zones
Wooded Area Buffer (30m)	

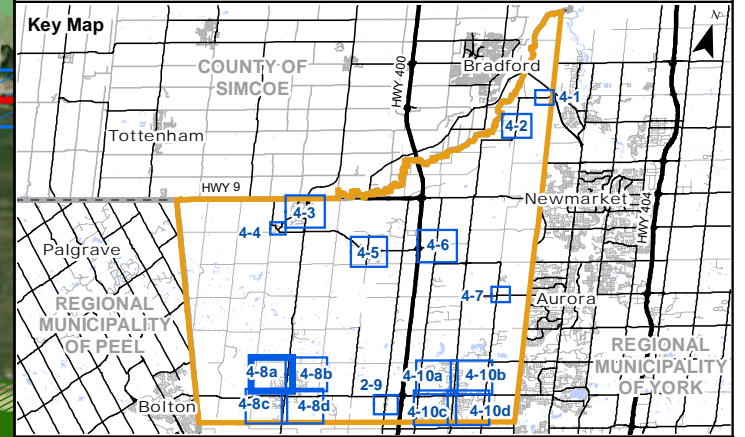
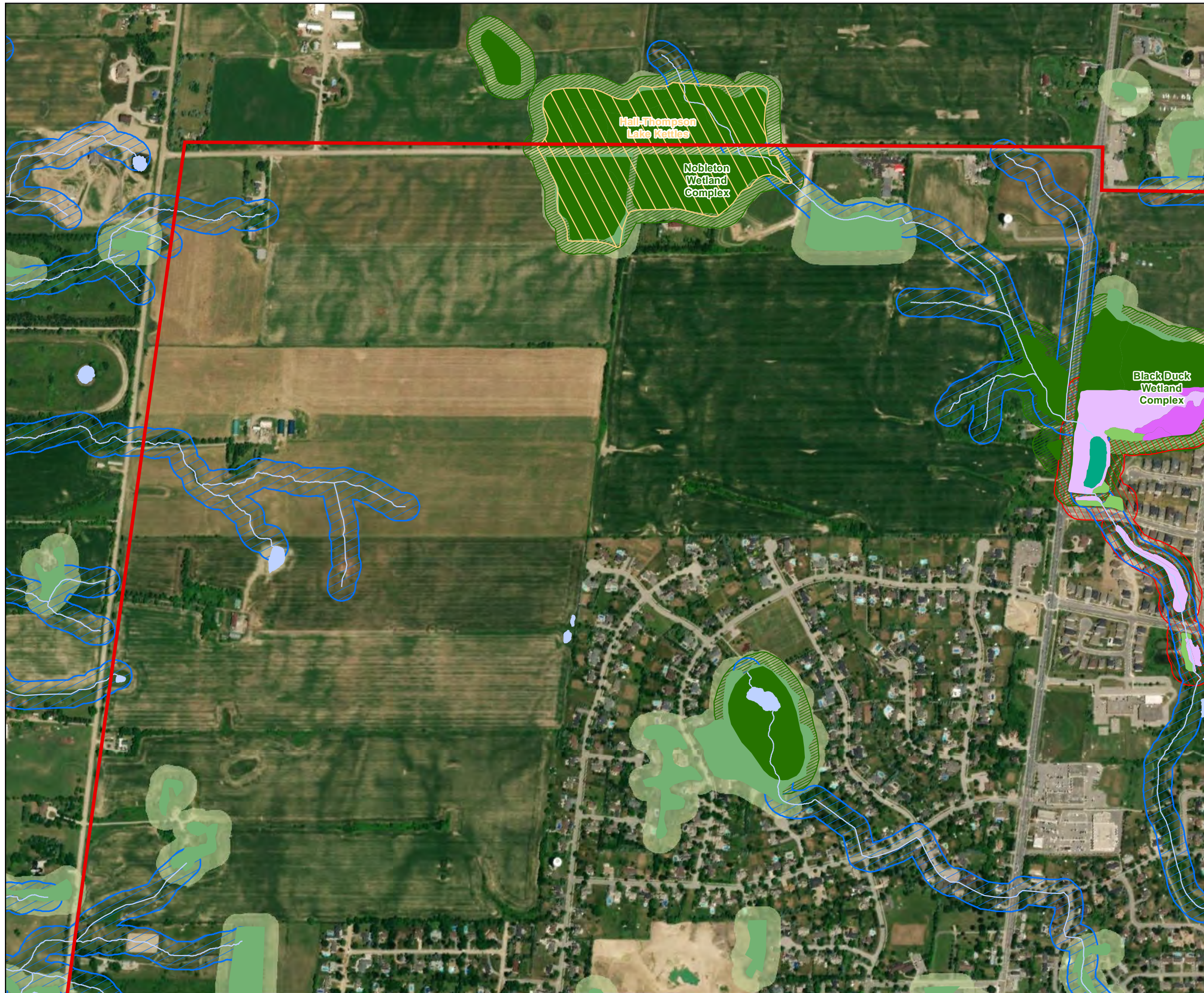


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Project: 2216 Date: October 17, 2019	NAD83 - UTM Zone 17 Size: 11x17" 1:3,500

Township of King CSWMMMP

**Nobleton
Vegetation Protection Zones**



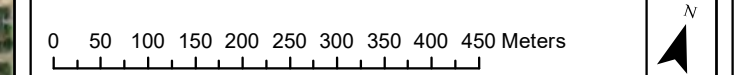
Legend

Township of King	Wooded
Settlement Area	Open Aquatic
Permanent Watercourse Buffer (30m)	Swamp
Intermittent Watercourse Buffer (30m)	Thicket Wetland
Waterbody	Meadow Wetland
Provincially Significant Wetland (PSW)	Shallow Aquatic
Provincially Significant Wetland Buffer (30m)	Vegetation Protection Zones
Candidate ANSI, Life Science	
Wooded Area	
Wooded Area Buffer (30m)	

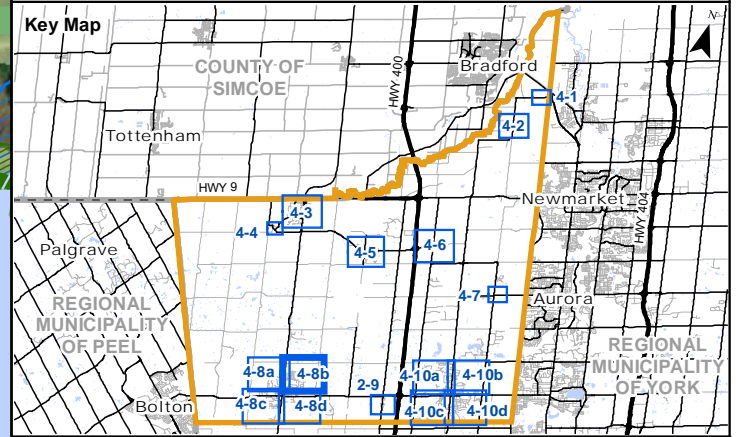
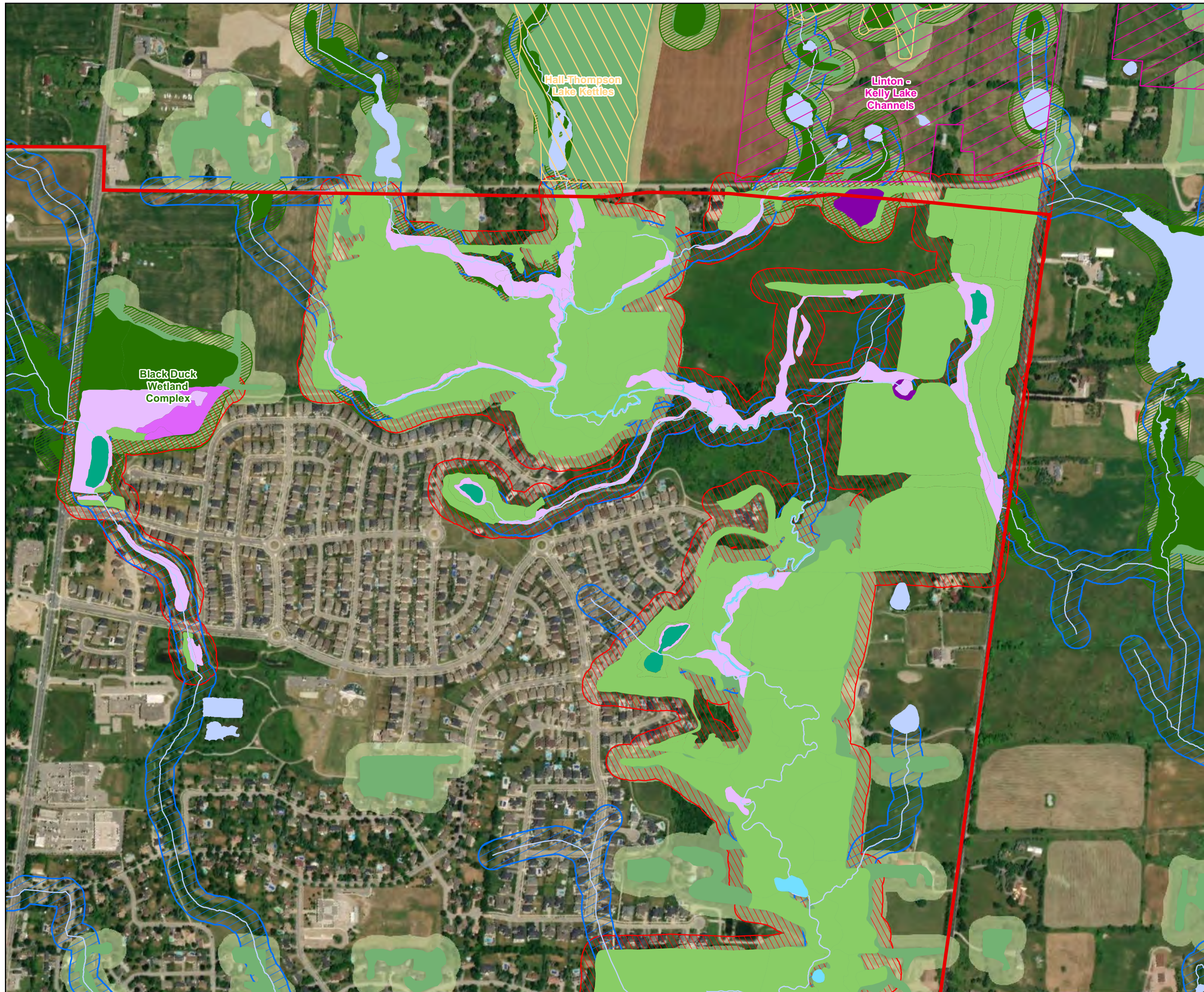


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Project: 2216 Date: October 17, 2019	NAD83 - UTM Zone 17 Size: 11x17" 1:8,000
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Township of King CSWMMMP Nobleton Vegetation Protection Zones



Legend

Township of King	Wooded
Settlement Area	Open Aquatic
Permanent Watercourse	Swamp
Permanent Watercourse Buffer (30m)	Thicket Wetland
Intermittent Watercourse Buffer (30m)	Meadow Wetland
Waterbody	Shallow Aquatic
Provincially Significant Wetland (PSW)	Vegetation Protection Zones
Provincially Significant Wetland Buffer (30m)	
ANSI, Earth Science	
Candidate ANSI, Life Science	
Wooded Area	
Wooded Area Buffer (30m)	



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Project: 2216 Date: October 17, 2019	NAD83 - UTM Zone 17 Size: 11x17" 1:8,000
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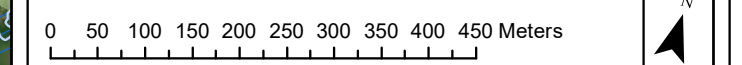
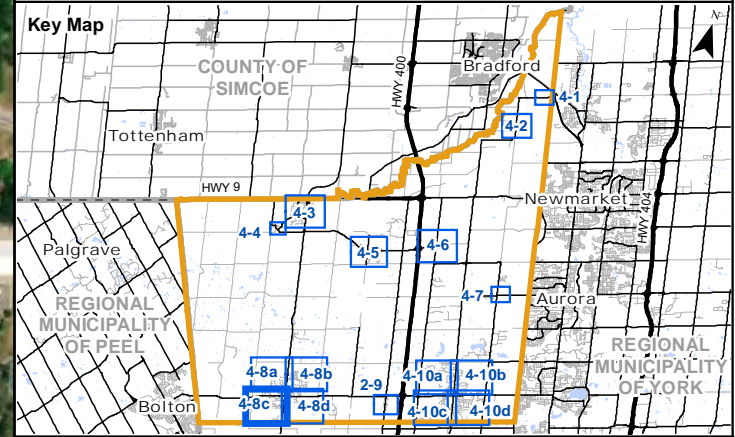
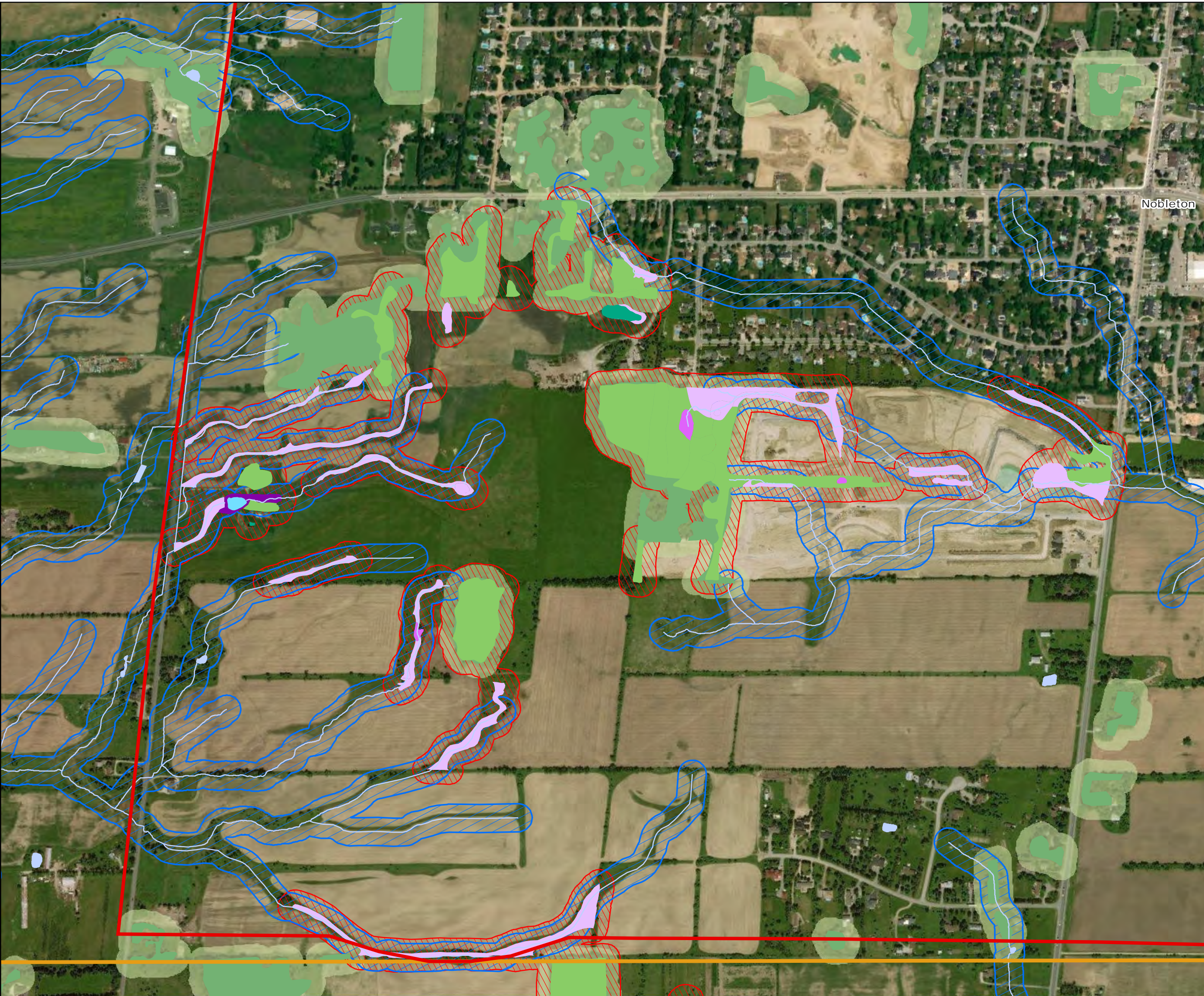


Figure A-39

Township of King CSWMMMP Nobleton Vegetation Protection Zones



Legend

Township of King	Wooded
Settlement Area	Open Aquatic
Permanent Watercourse	Swamp
Permanent Watercourse Buffer (30m)	Thicket Wetland
Intermittent Watercourse Buffer (30m)	Meadow Wetland
Waterbody	Shallow Aquatic
Wooded Area	Vegetation Protection Zones
Wooded Area Buffer (30m)	



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Project: 2216 Date: October 17, 2019	NAD83 - UTM Zone 17 Size: 11x17" 1:8,000
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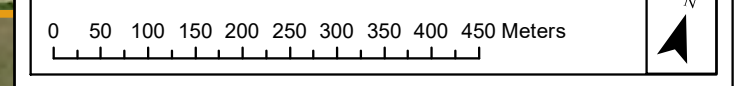
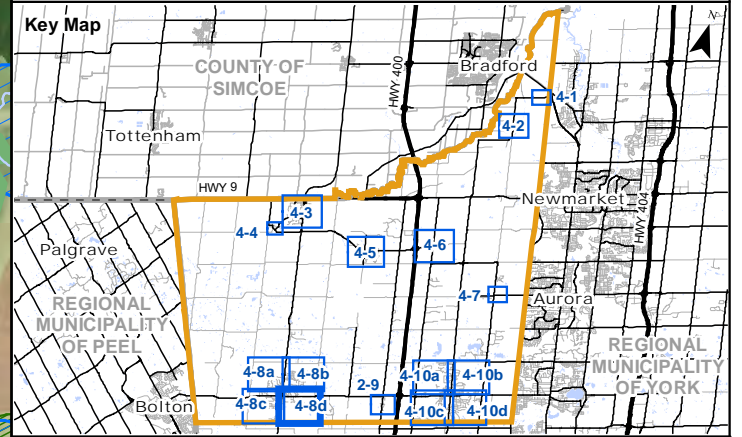
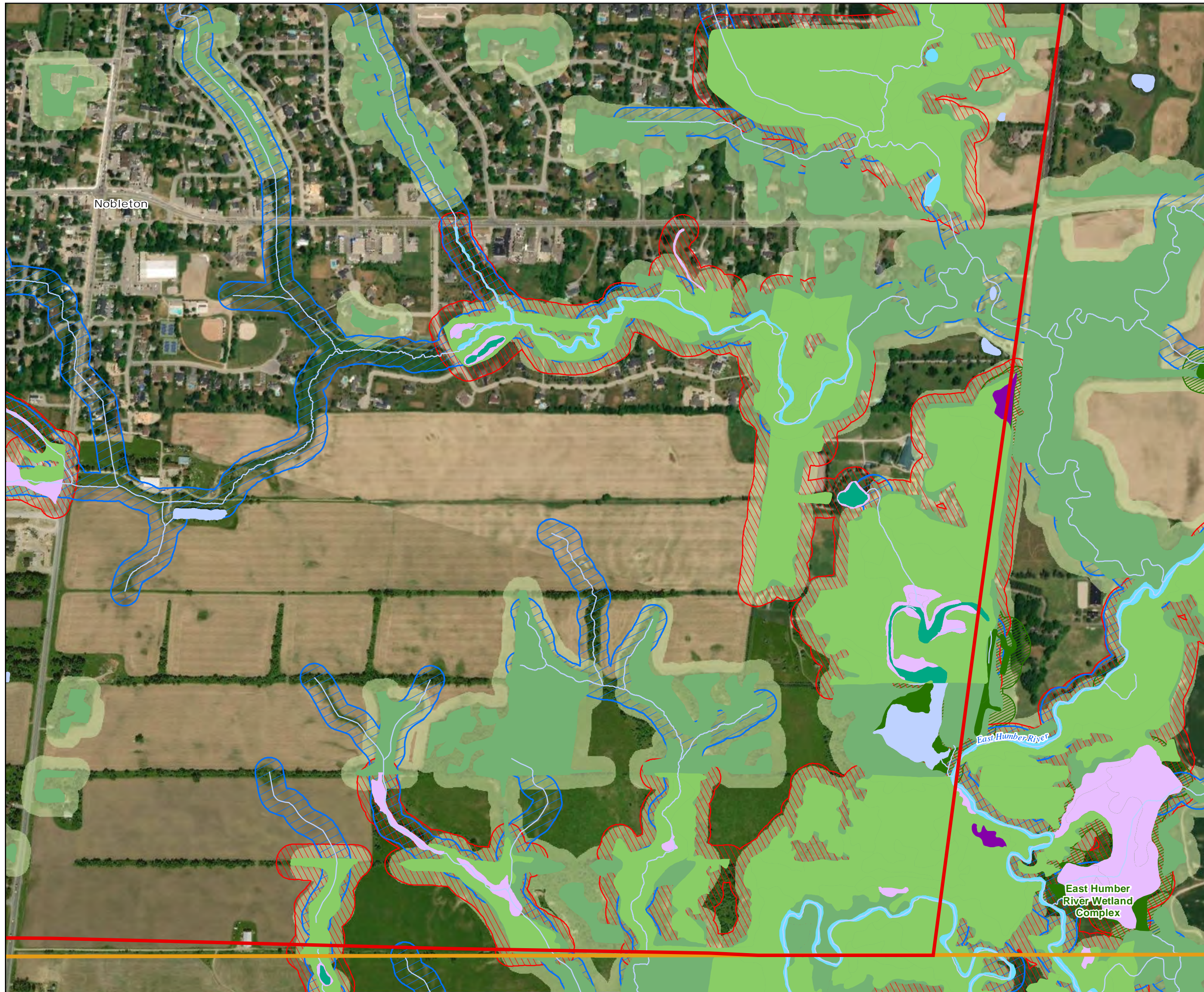


Figure A-40

Township of King CSWMMMP Nobleton Vegetation Protection Zones



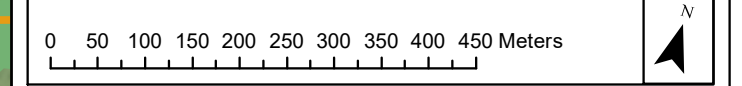
Legend

Township of King	Wooded
Settlement Area	Open Aquatic
Permanent Watercourse	Swamp
Permanent Watercourse Buffer (30m)	Thicket Wetland
Intermittent Watercourse Buffer (30m)	Meadow Wetland
Waterbody	Shallow Aquatic
Provincially Significant Wetland (PSW)	Vegetation Protection Zones
Provincially Significant Wetland Buffer (30m)	
Wooded Area	
Wooded Area Buffer (30m)	

NATURAL RESOURCE SOLUTIONS INC.
 Aquatic, Terrestrial and Wetland Biologists

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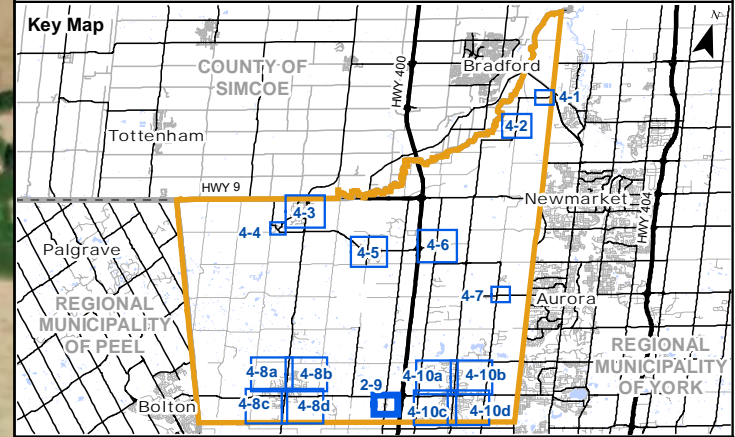
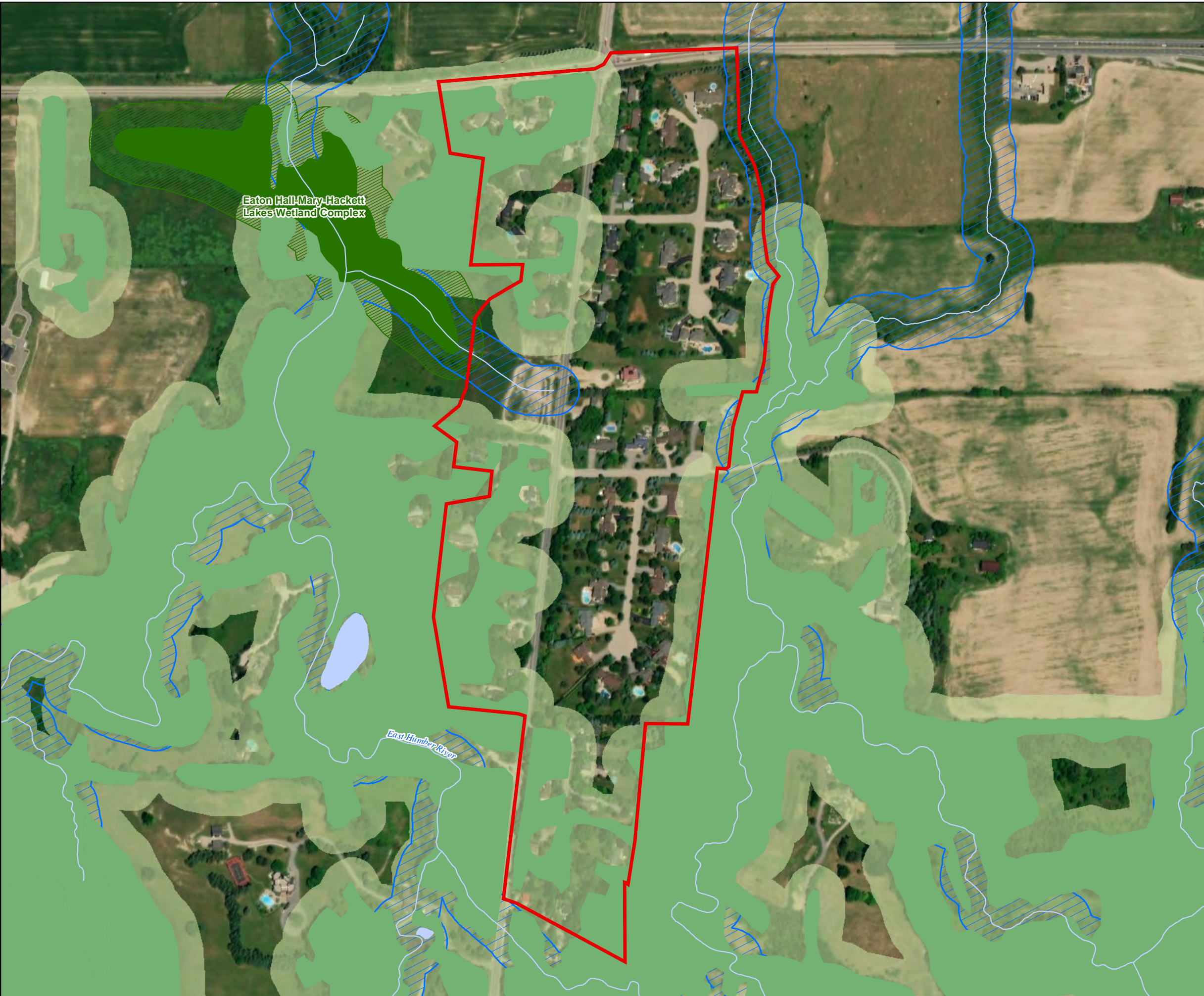
Project: 2216 Date: October 17, 2019	NAD83 - UTM Zone 17 Size: 11x17" 1:8,000
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Township of King CSWMMMP

Laskay

Vegetation Protection Zones



Legend

Township of King	Wooded
Settlement Area	Open Aquatic
Permanent Watercourse	Swamp
Permanent Watercourse Buffer (30m)	Thicket Wetland
Intermittent Watercourse Buffer (30m)	Meadow Wetland
Waterbody	Shallow Aquatic
Provincially Significant Wetland (PSW)	
Provincially Significant Wetland Buffer (30m)	
Wooded Area	
Wooded Area Buffer (30m)	



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Project: 2216 Date: October 17, 2019	NAD83 - UTM Zone 17 Size: 11x17" 1:4,500
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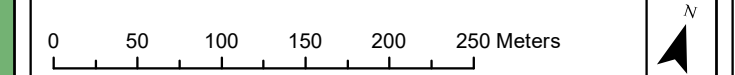
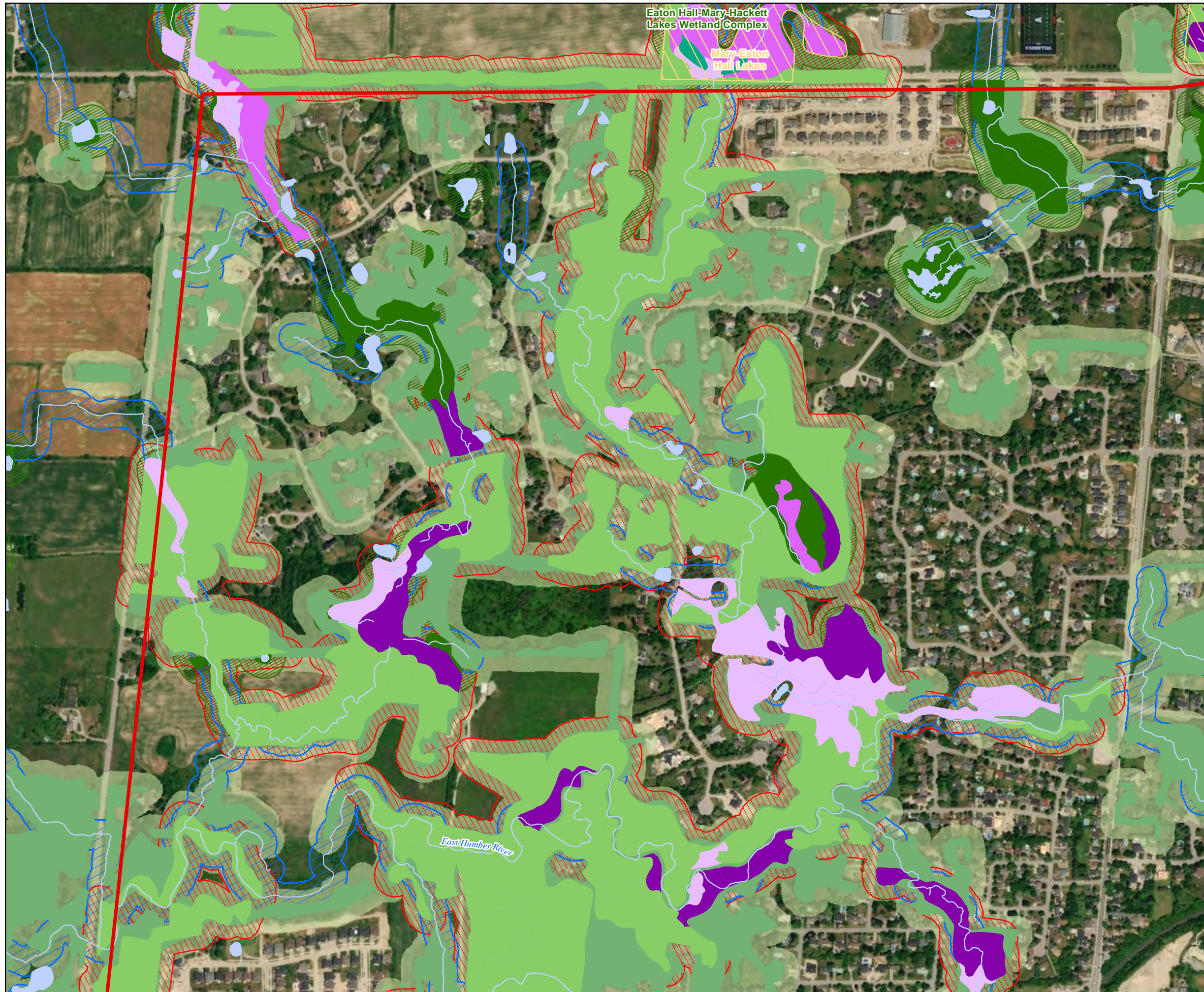


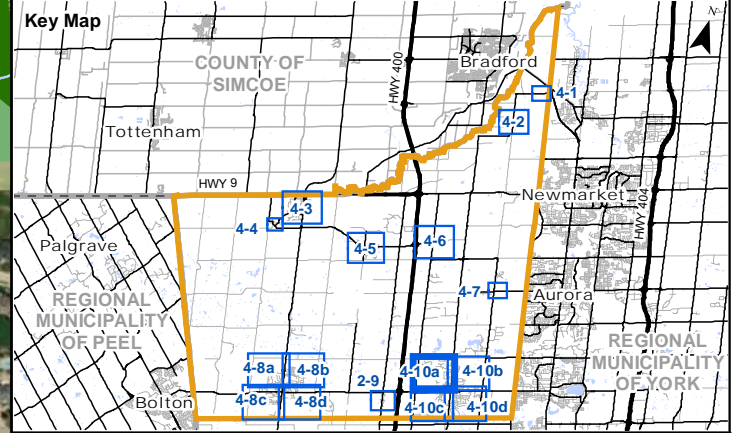
Figure A-42

Township of King CSWMMP King City Vegetation Protection Zones



Eaton Hall-Mary-Hackett
Lakes Wetland Complex
Mary-Eaton
Hall Lakes

East Humber River



Legend

Township of King	Wooded
Settlement Area	Open Aquatic
Permanent Watercourse	Swamp
Permanent Watercourse Buffer (30m)	Thicket Wetland
Intermittent Watercourse Buffer (30m)	Meadow Wetland
Waterbody	Shallow Aquatic
Provincially Significant Wetland (PSW)	Vegetation Protection Zones
Provincially Significant Wetland Buffer (30m)	
Candidate ANSI, Life Science	
Wooded Area	
Wooded Area Buffer (30m)	



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Project: 2216 Date: October 17, 2019	NAD83 - UTM Zone 17 Size: 11x17" 1:8,000
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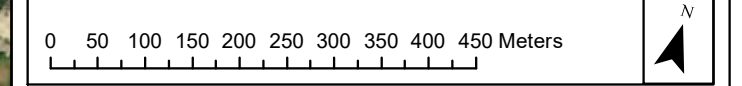
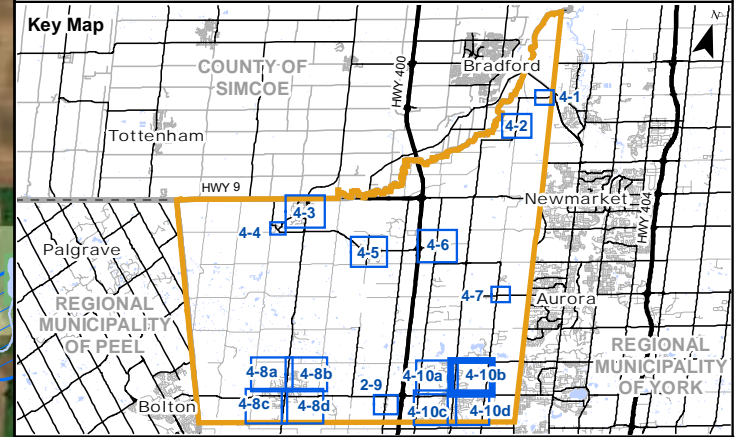
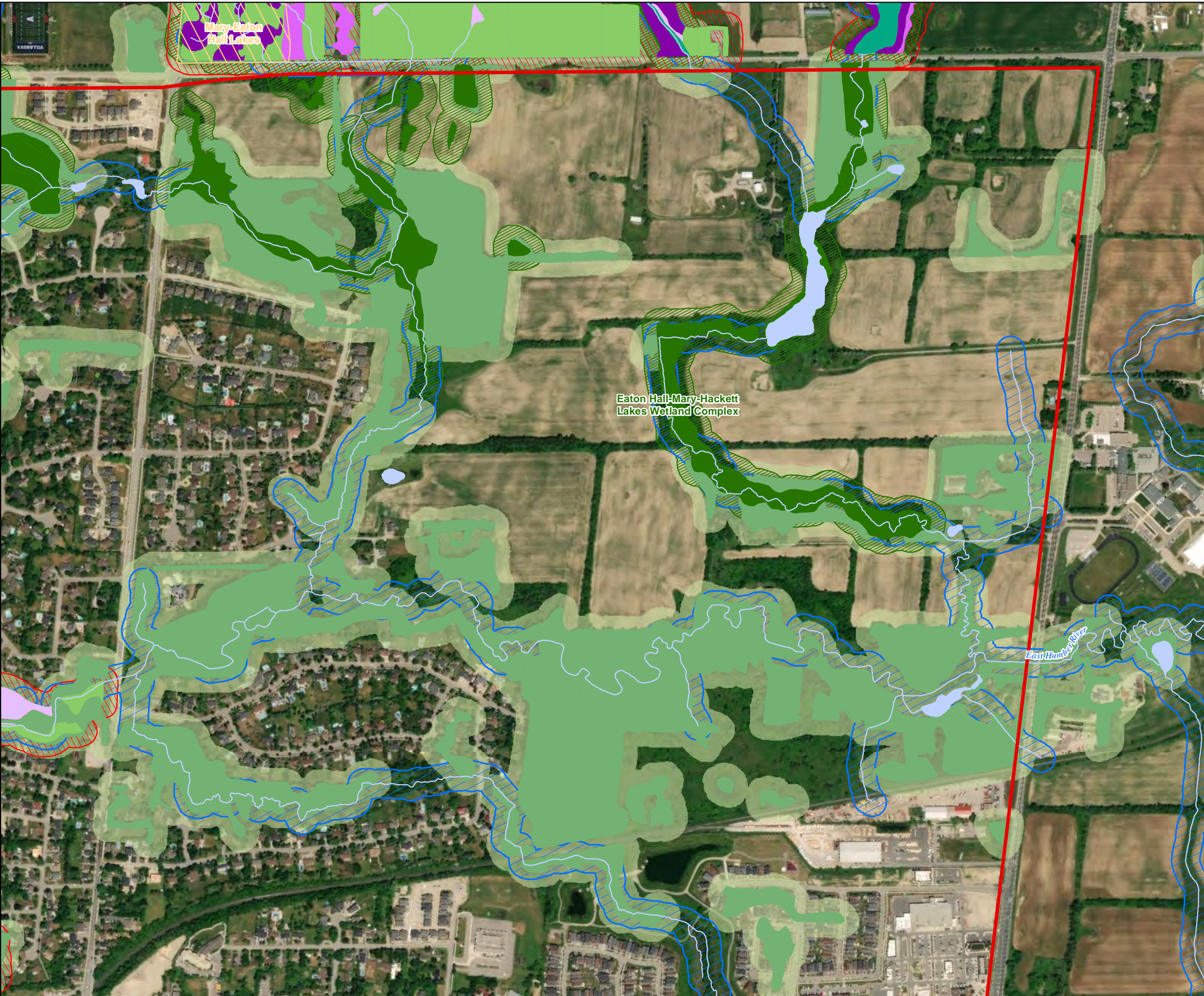


Figure A-43

Township of King CSWMMP King City Vegetation Protection Zones



Legend

Township of King	Wooded
Settlement Area	Open Aquatic
Permanent Watercourse	Swamp
Permanent Watercourse Buffer (30m)	Thicket Wetland
Intermittent Watercourse Buffer (30m)	Meadow Wetland
Waterbody	Shallow Aquatic
Provincially Significant Wetland (PSW)	Vegetation Protection Zones
Provincially Significant Wetland Buffer (30m)	
Candidate ANSI, Life Science	
Wooded Area	
Wooded Area Buffer (30m)	



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Project: 2216 Date: October 17, 2019	NAD83 - UTM Zone 17 Size: 11x17" 1:8,000
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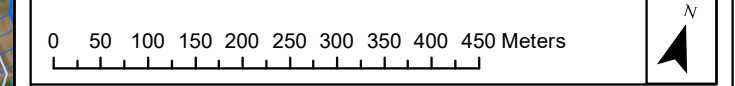
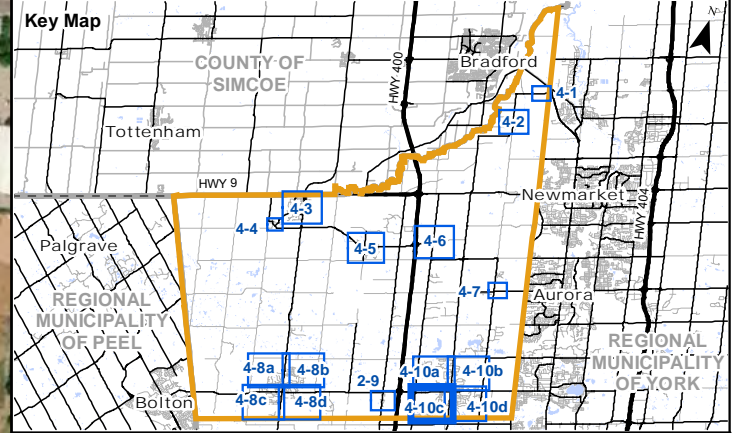
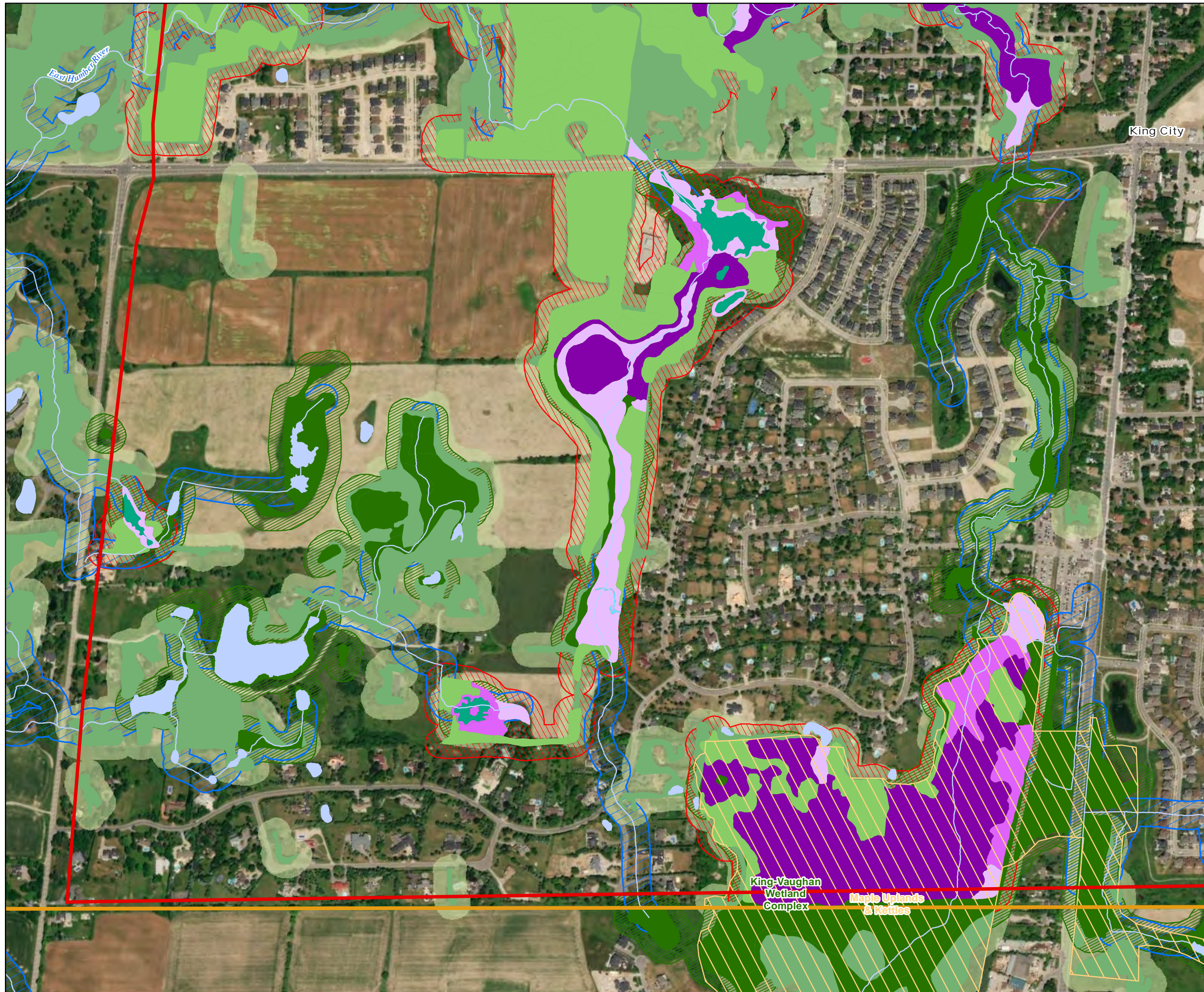


Figure A-44

Township of King CSWMMMP

King City Vegetation Protection Zones



Legend

Township of King	Wooded
Settlement Area	Open Aquatic
Permanent Watercourse	Swamp
Permanent Watercourse Buffer (30m)	Thicket Wetland
Intermittent Watercourse Buffer (30m)	Meadow Wetland
Waterbody	Shallow Aquatic
Provincially Significant Wetland (PSW)	Vegetation Protection Zones
Provincially Significant Wetland Buffer (30m)	
Candidate ANSI, Life Science	
Wooded Area	
Wooded Area Buffer (30m)	



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Project: 2216 Date: October 17, 2019	NAD83 - UTM Zone 17 Size: 11x17" 1:8,000
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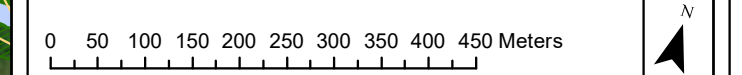
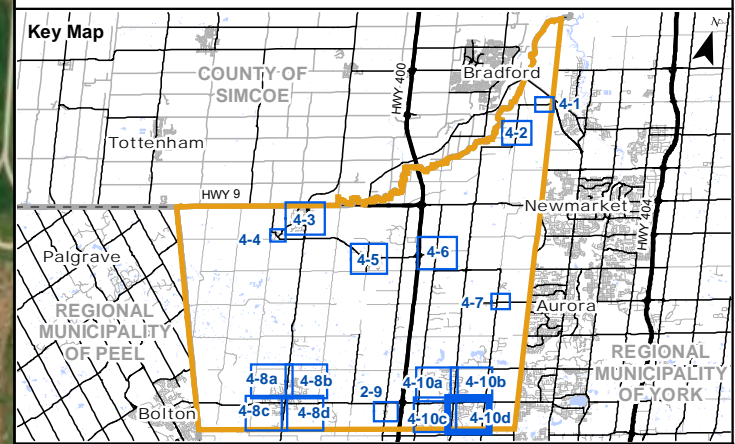
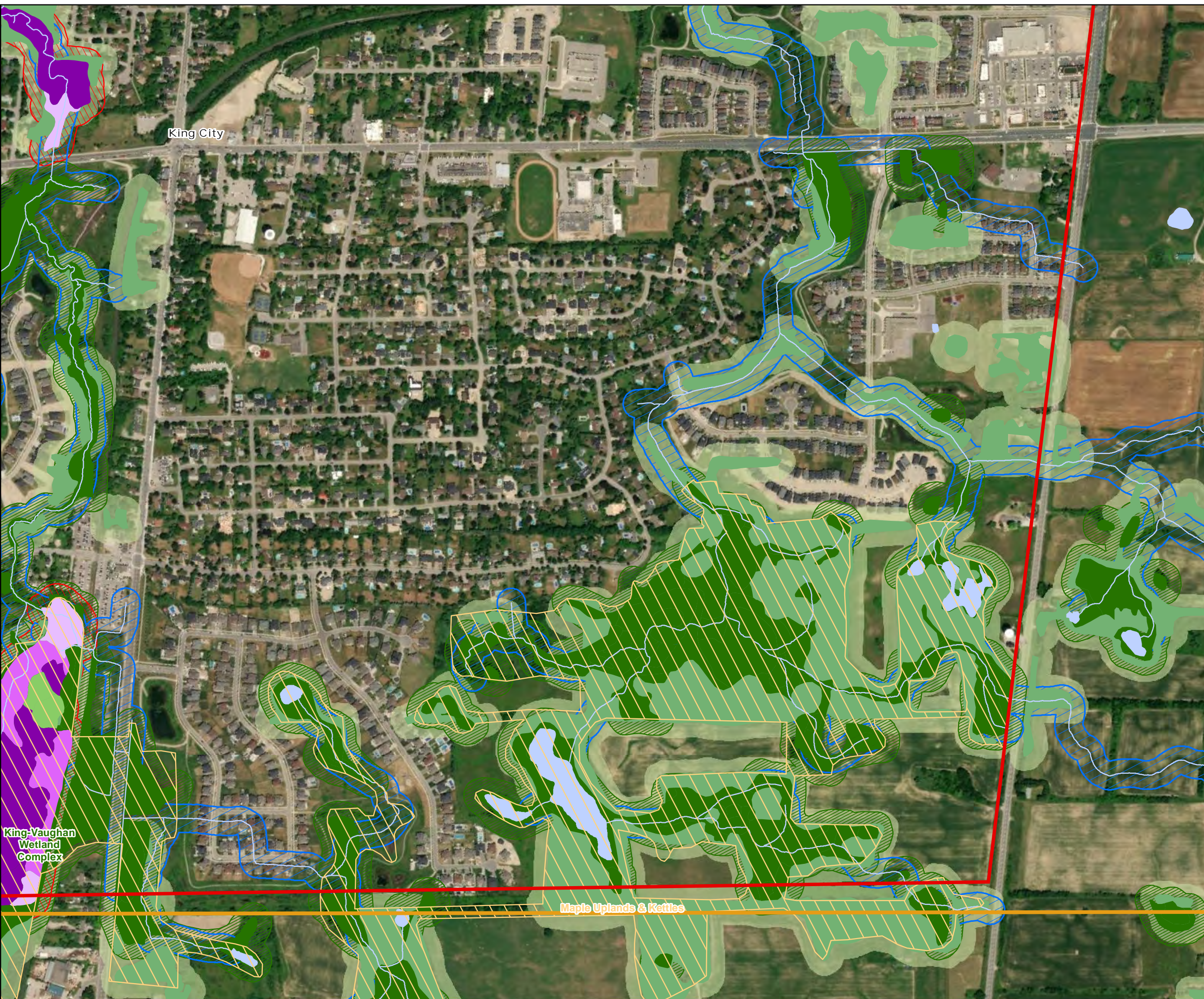


Figure A-45

Township of King CSWMMMP

King City

Vegetation Protection Zones



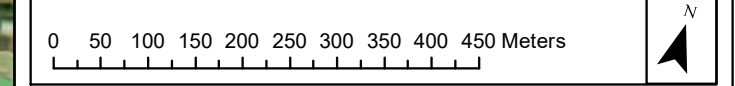
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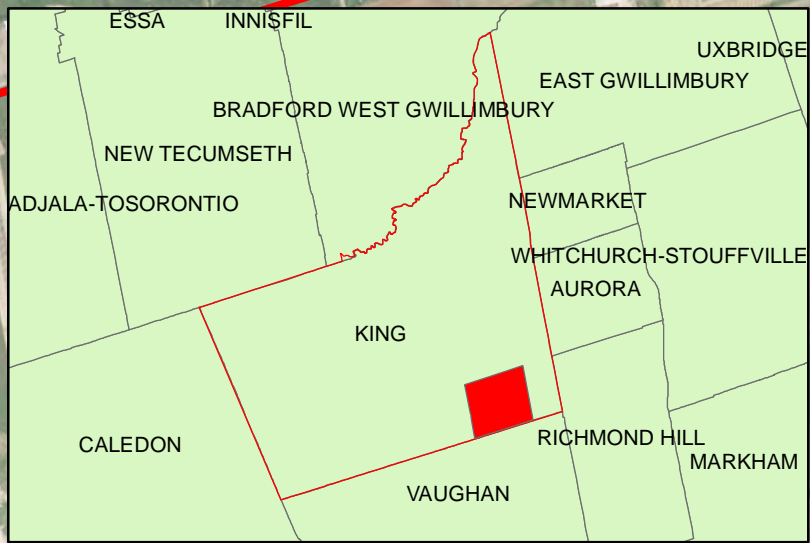
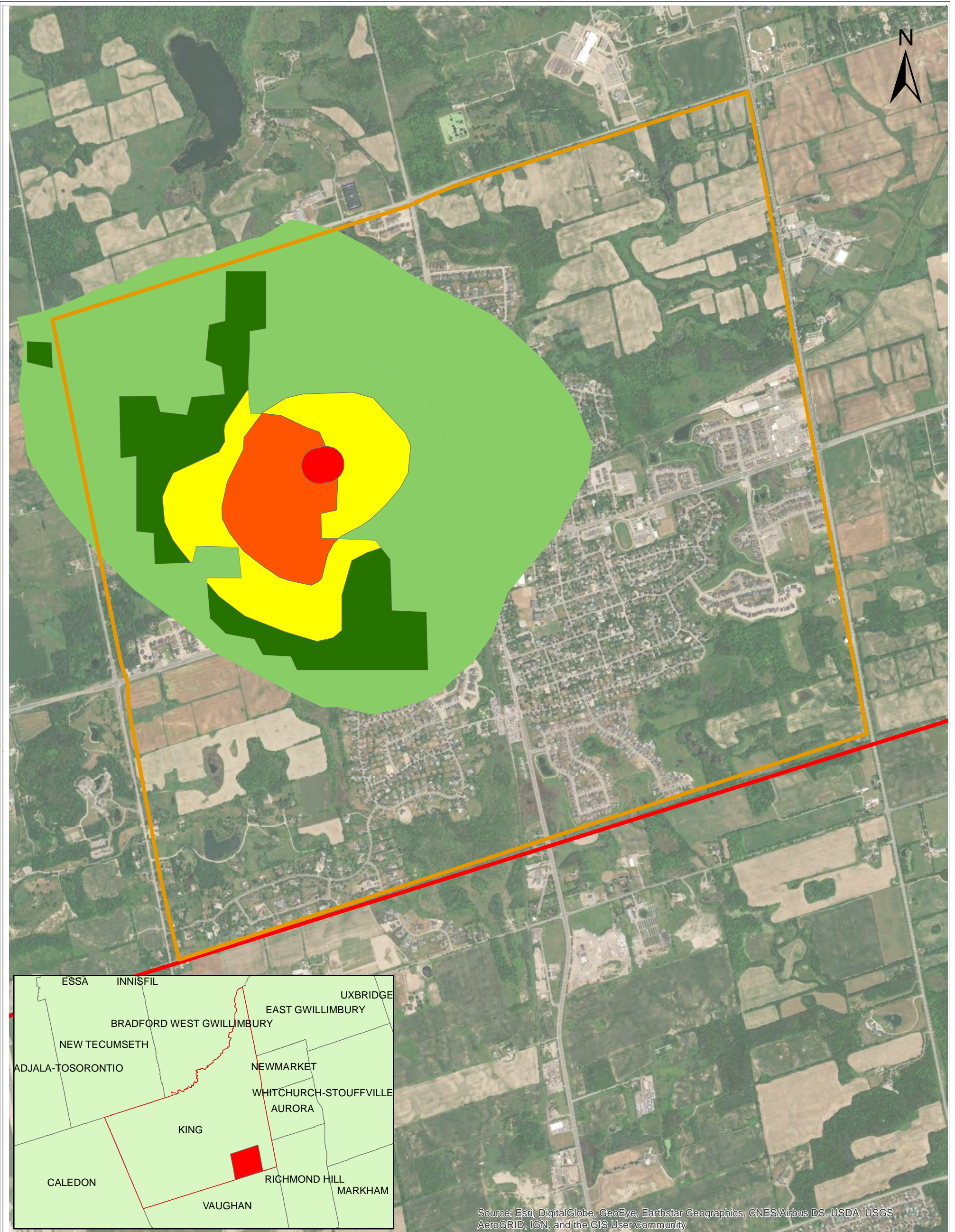
Township of King	Wooded
Settlement Area	Open Aquatic
Permanent Watercourse	Swamp
Permanent Watercourse Buffer (30m)	Thicket Wetland
Intermittent Watercourse Buffer (30m)	Meadow Wetland
Waterbody	Shallow Aquatic
Provincially Significant Wetland (PSW)	Vegetation Protection Zones
Provincially Significant Wetland Buffer (30m)	
Candidate ANSI, Life Science	
Wooded Area	
Wooded Area Buffer (30m)	



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Project: 2216 Date: October 17, 2019	NAD83 - UTM Zone 17 Size: 11x17" 1:8,000
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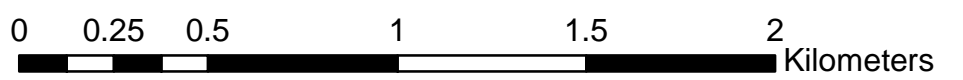




Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Figure A-46
Village of King City
Vulnerability
Scoring

Date: September 2019
 Drawn By: H.S.
 Disclaimer: Vulnerability score
 data received from TRCA.



Legend

- | | | |
|---------------------|--|-------------------------------|
| Vulnerability Score | | Village of King City Boundary |
| | | 2 (Low) |
| | | 4 |
| | | 6 |
| | | 8 |
| | | 10 (High) |
| | | Township of King Boundary |

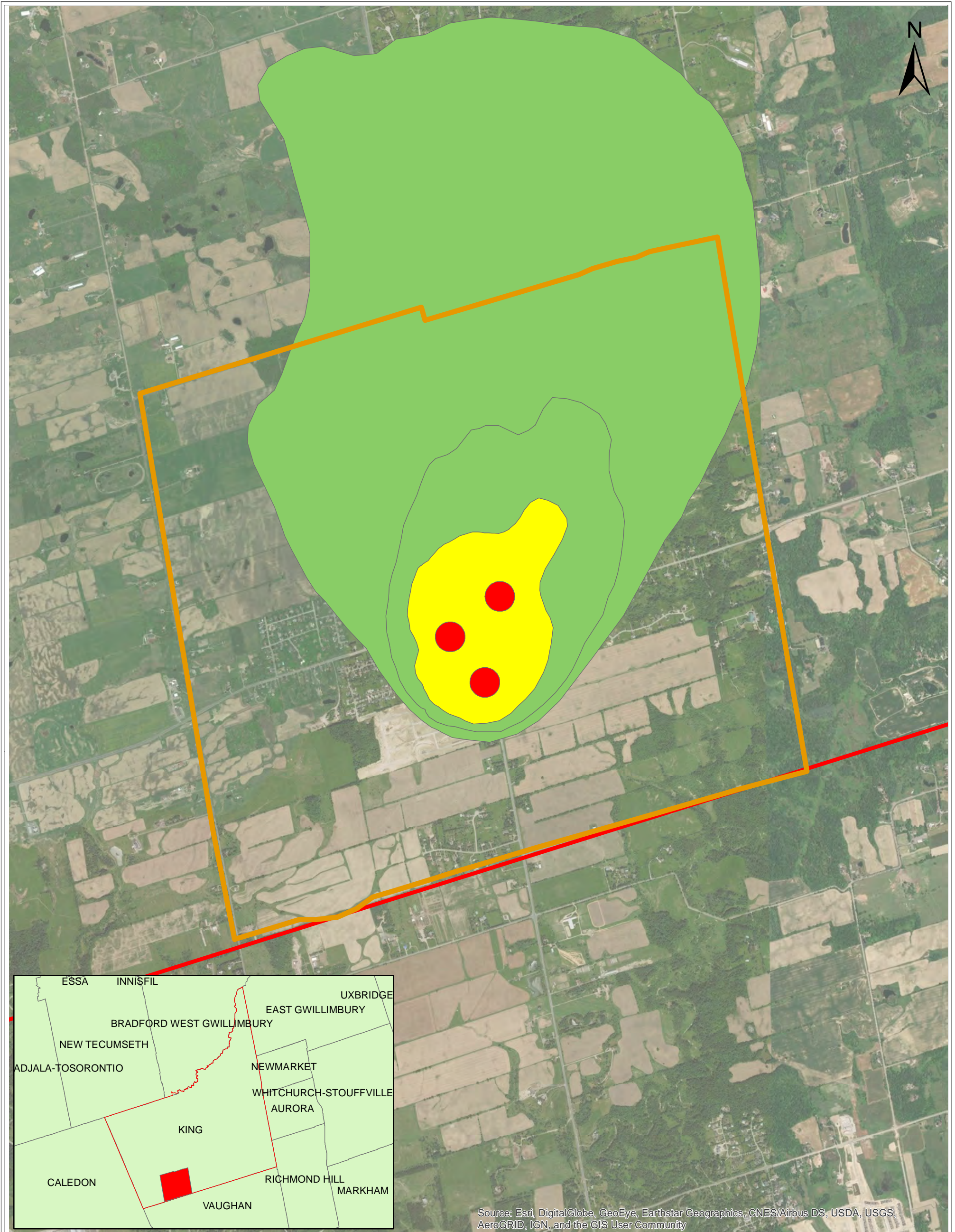
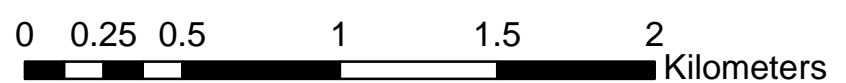









Figure A-47
Village of Nobleton
Vulnerability
Scoring

Date: September 2019
 Drawn By: H.S.
 Disclaimer: Vulnerability score
 data received from TRCA.



Legend

 2 (Low)	 Village Boundary
 4	 Township of King Boundary
 6	
 8	
 10 (High)	

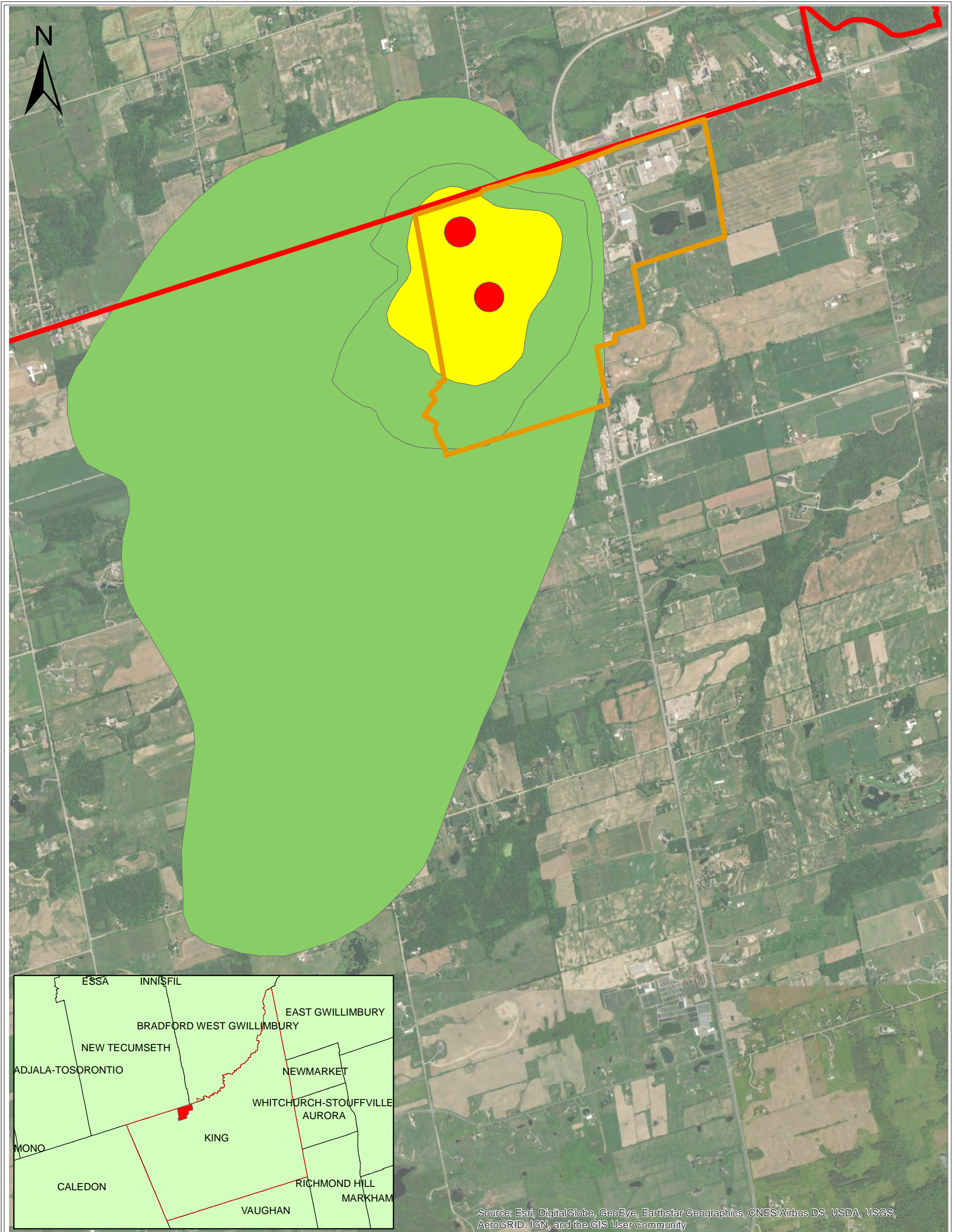
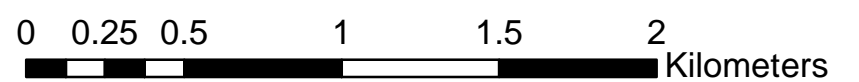


Figure A-48
Village of Schomberg
Vulnerability Scoring

Date: September 2019
 Drawn By: H.S.
 Disclaimer: Vulnerability score
 data received from LSRCA



Legend

- | | |
|----------------------------|----------------------------------|
| Vulnerability Score | Village Boundary |
| 2 (Low) | Township of King Boundary |
| 4 | |
| 6 | |
| 8 | |
| 10 (High) | |

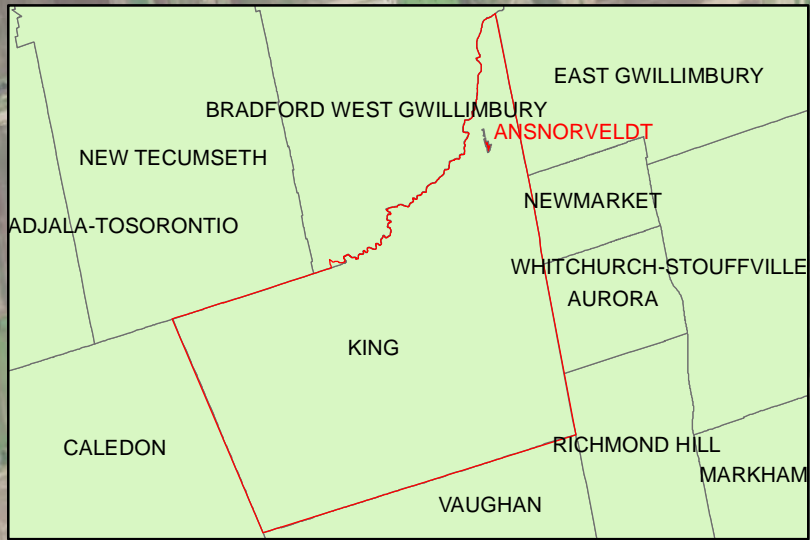
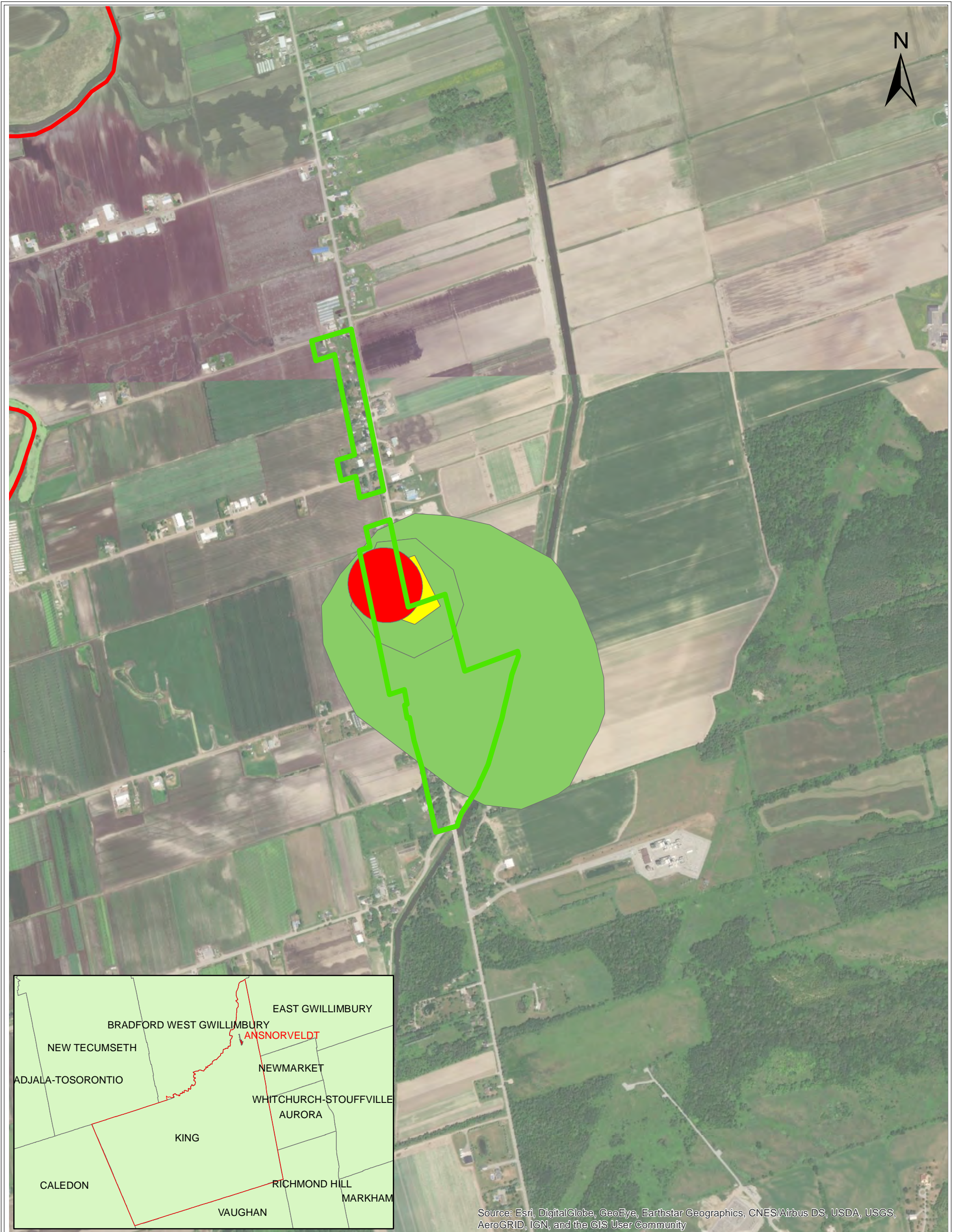
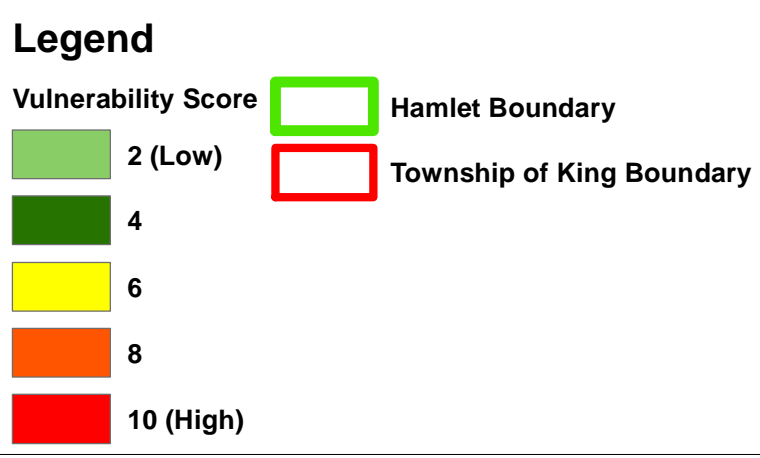
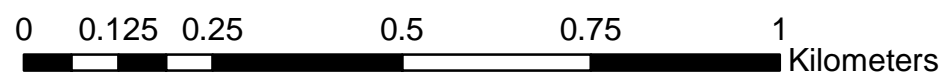


Figure A-49
Hamlet of Ansnorveldt
Vulnerability Scoring

Date: September 2019
 Drawn By: H.S.
 Disclaimer: Vulnerability score data received from LSRCA.



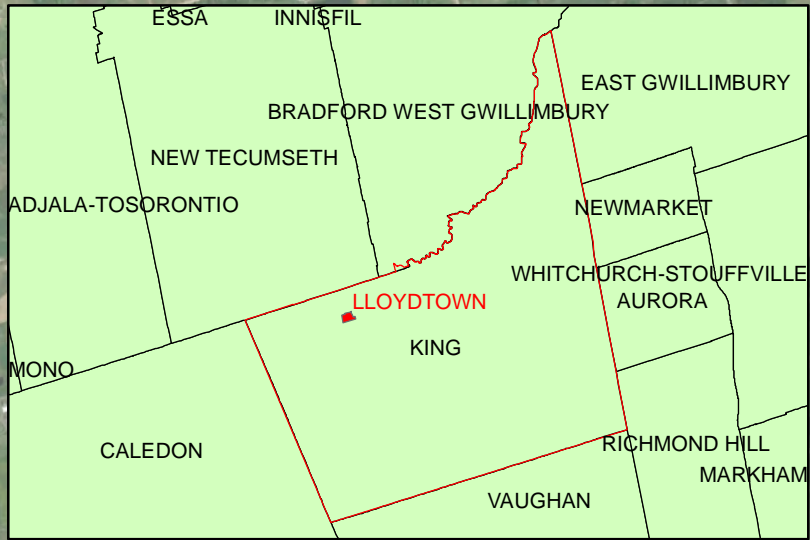
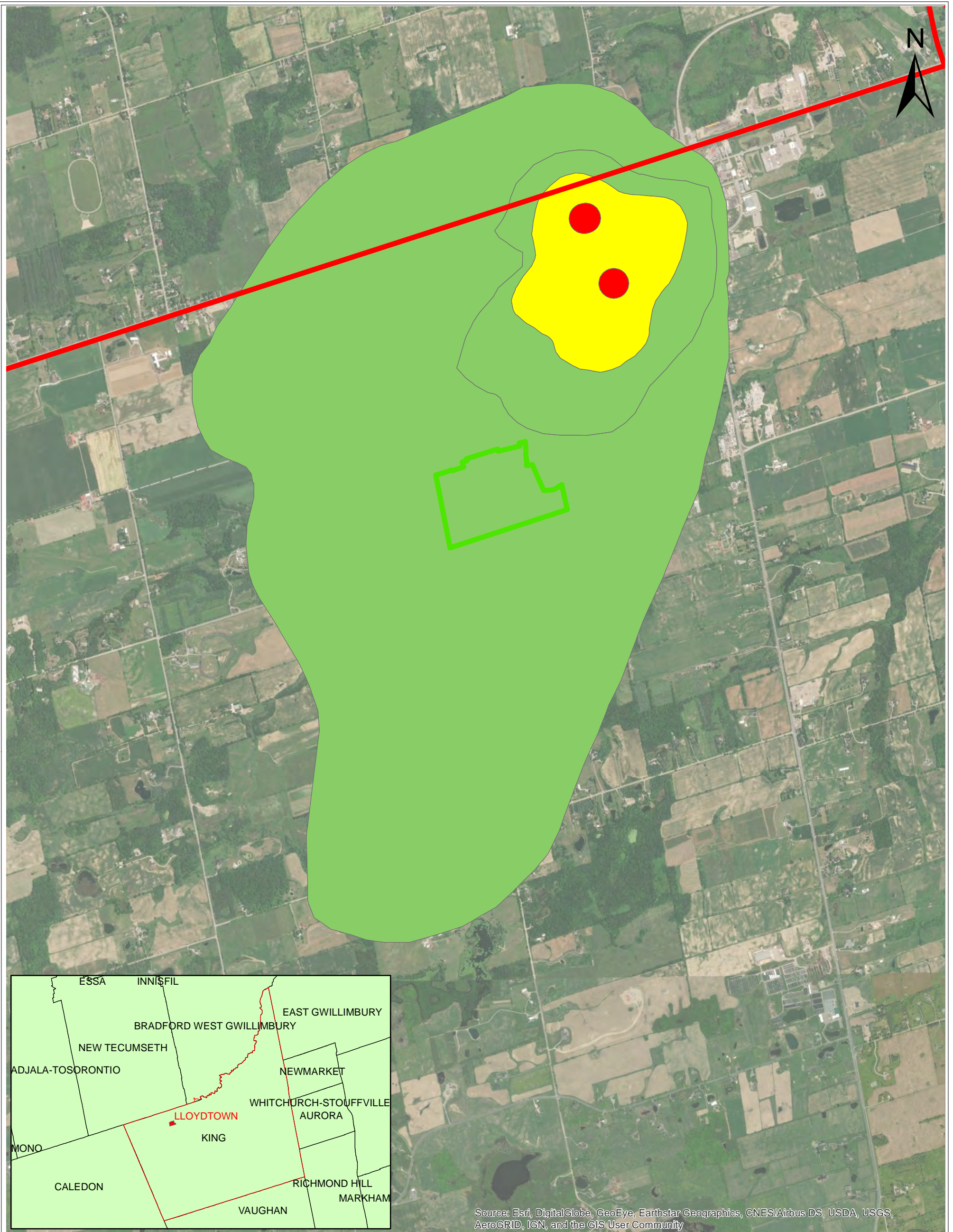
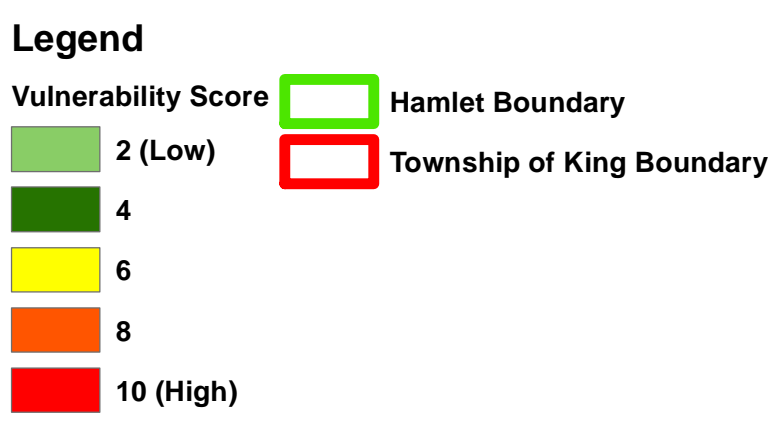
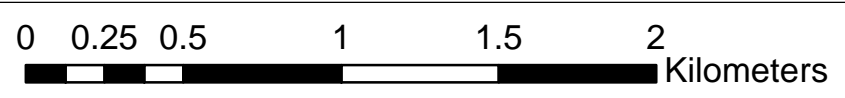
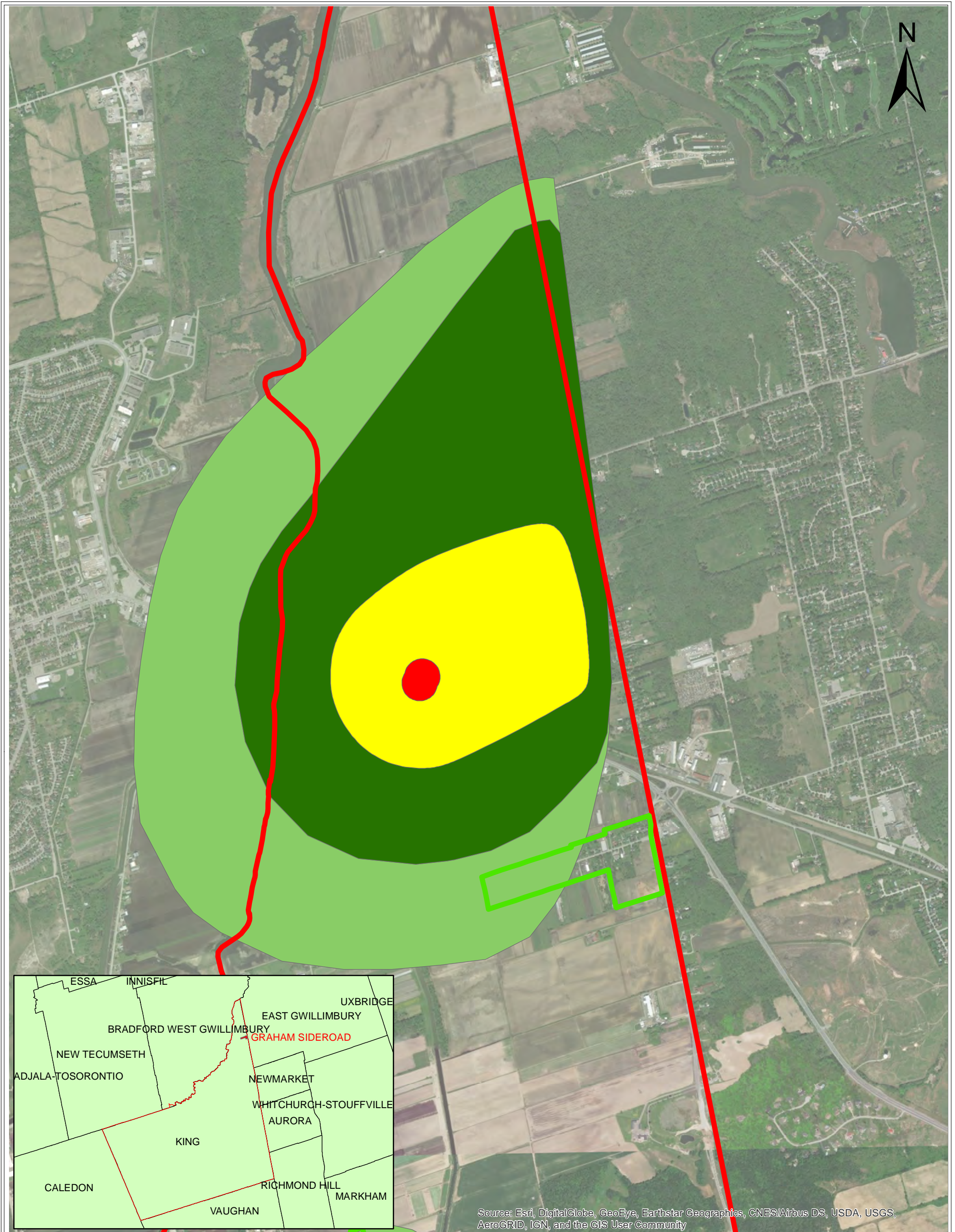


Figure A-50
Hamlet of Lloydtown
Vulnerability Scoring

Date: September 2019
 Drawn By: H.S.
 Disclaimer: Vulnerability score
 data received from LSRCA.

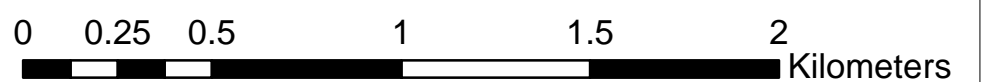









Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Figure A-51
Hamlet of
Graham Sideroad
Vulnerability Scoring

Date: September 2019
 Drawn By: H.S.
 Disclaimer: Vulnerability score data received from LSRCA.



Legend

- | | | | | |
|---------------------|---|-----------|---|---------------------------|
| Vulnerability Score |  | 2 (Low) |  | Hamlet Boundary |
| |  | 4 |  | Township of King Boundary |
| |  | 6 | | |
| |  | 8 | | |
| |  | 10 (High) | | |

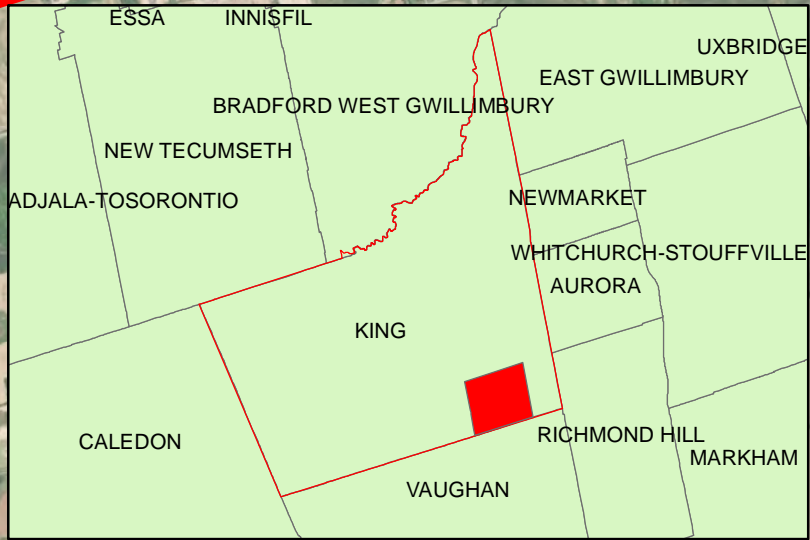
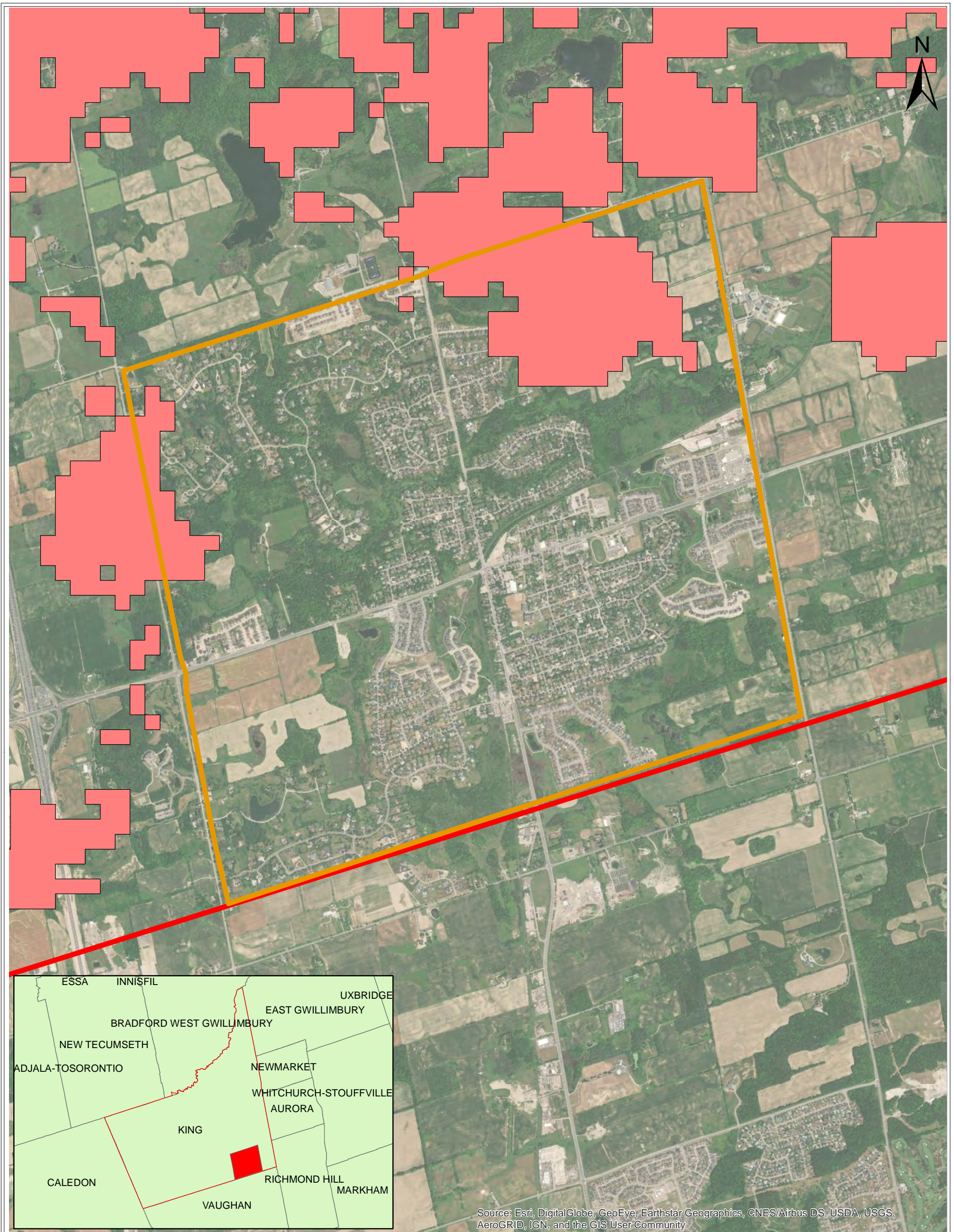
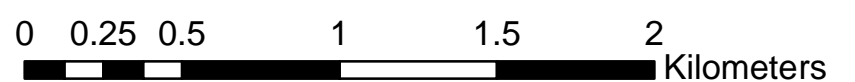


Figure A-52
Village of King City
Highly Vulnerable
Aquifers

Date: September 2019
 Drawn By: H.S.
 Disclaimer: Highly vulnerable
 aquifer data received from
 TRCA.



Legend

- Highly Vulnerable Aquifers
- Village of King City Boundary
- Township of King Boundary

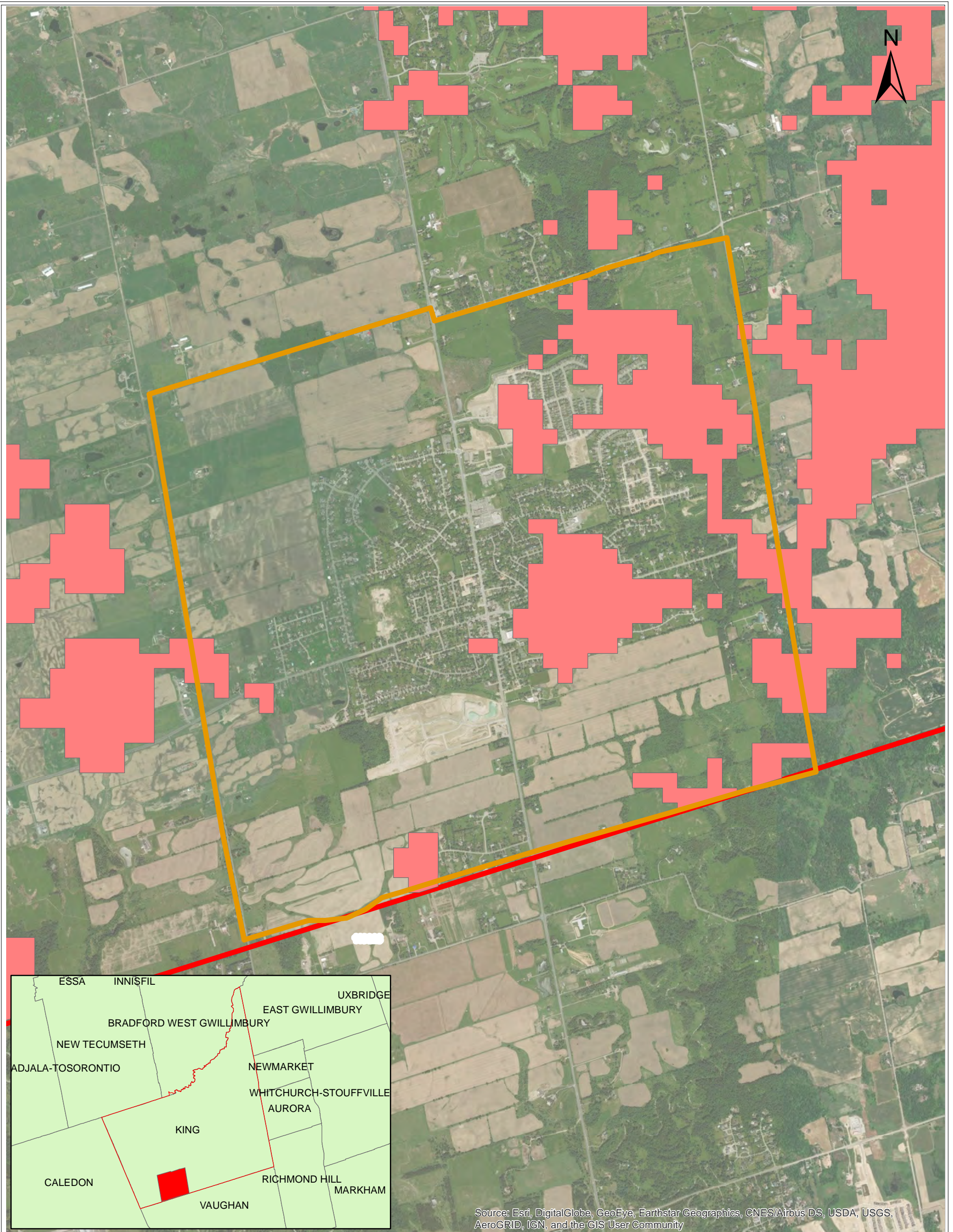


Figure A-53
Village of Nobleton
Highly Vulnerable
Aquifers

Date: September 2019
 Drawn By: H.S.
 Disclaimer: Highly vulnerable
 aquifer data received from
 TRCA.



0 0.25 0.5 1 1.5 2 Kilometers

Legend

- Highly Vulnerable Aquifers
- Village Boundary
- Township of King Boundary

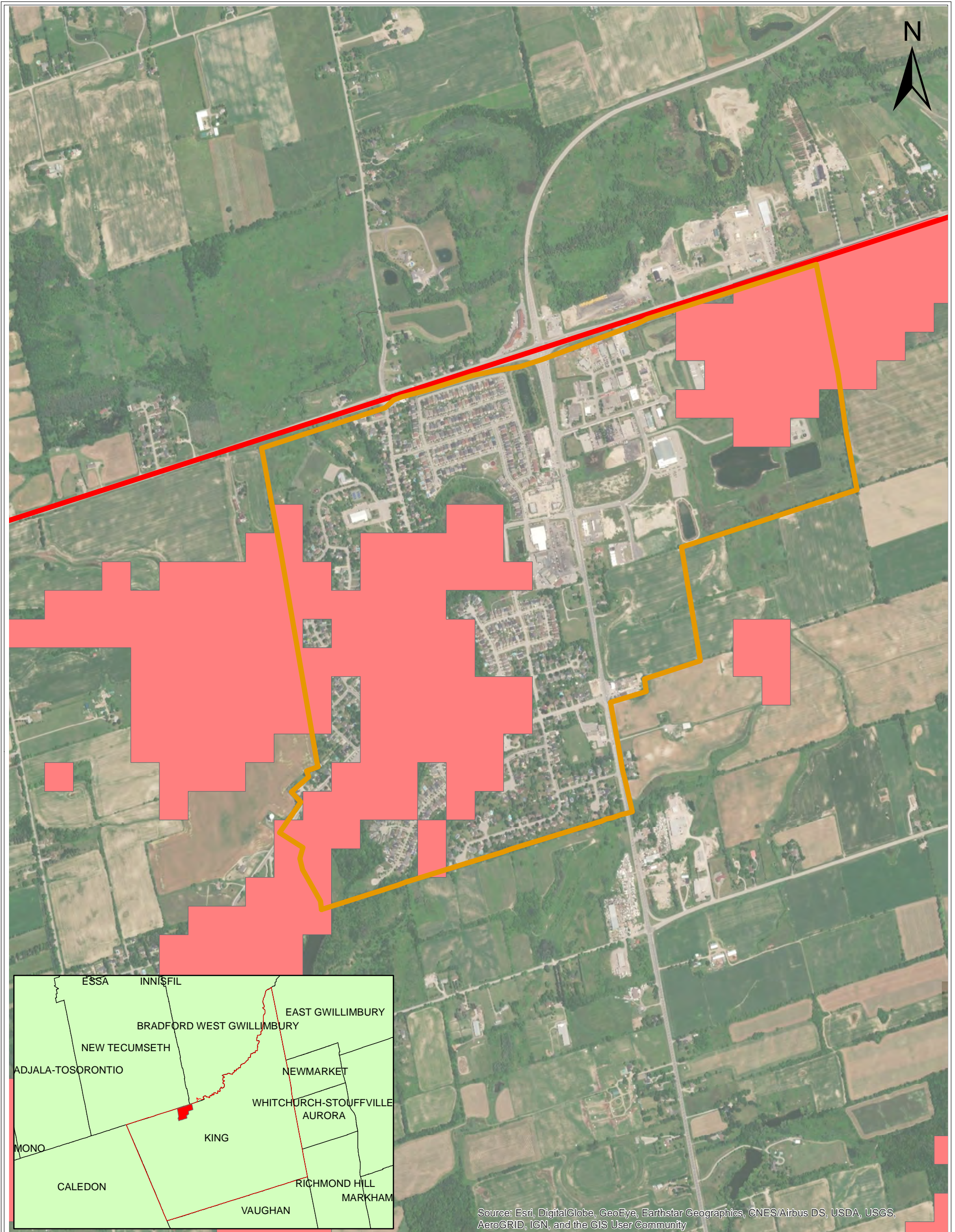


Figure A-54
Village of Schomberg
Highly Vulnerable
Aquifers

Date: September 2019
 Drawn By: H.S.
 Disclaimer: Highly vulnerable
 aquifer data received from
 LSRCA.



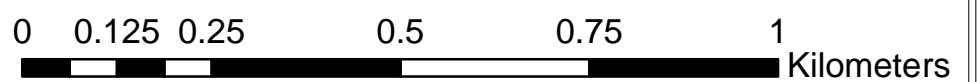
Legend

- Highly Vulnerable Aquifers
- Village Boundary
- Township of King Boundary



Figure A-55
Hamlet of Ansnorveldt
Highly Vulnerable
Aquifers

Date: September 2019
 Drawn By: H.S.
 Disclaimer: Highly vulnerable
 aquifer data received from
 LSRCA.



Legend

- Highly Vulnerable Aquifers
- Hamlet Boundary
- Township of King Boundary

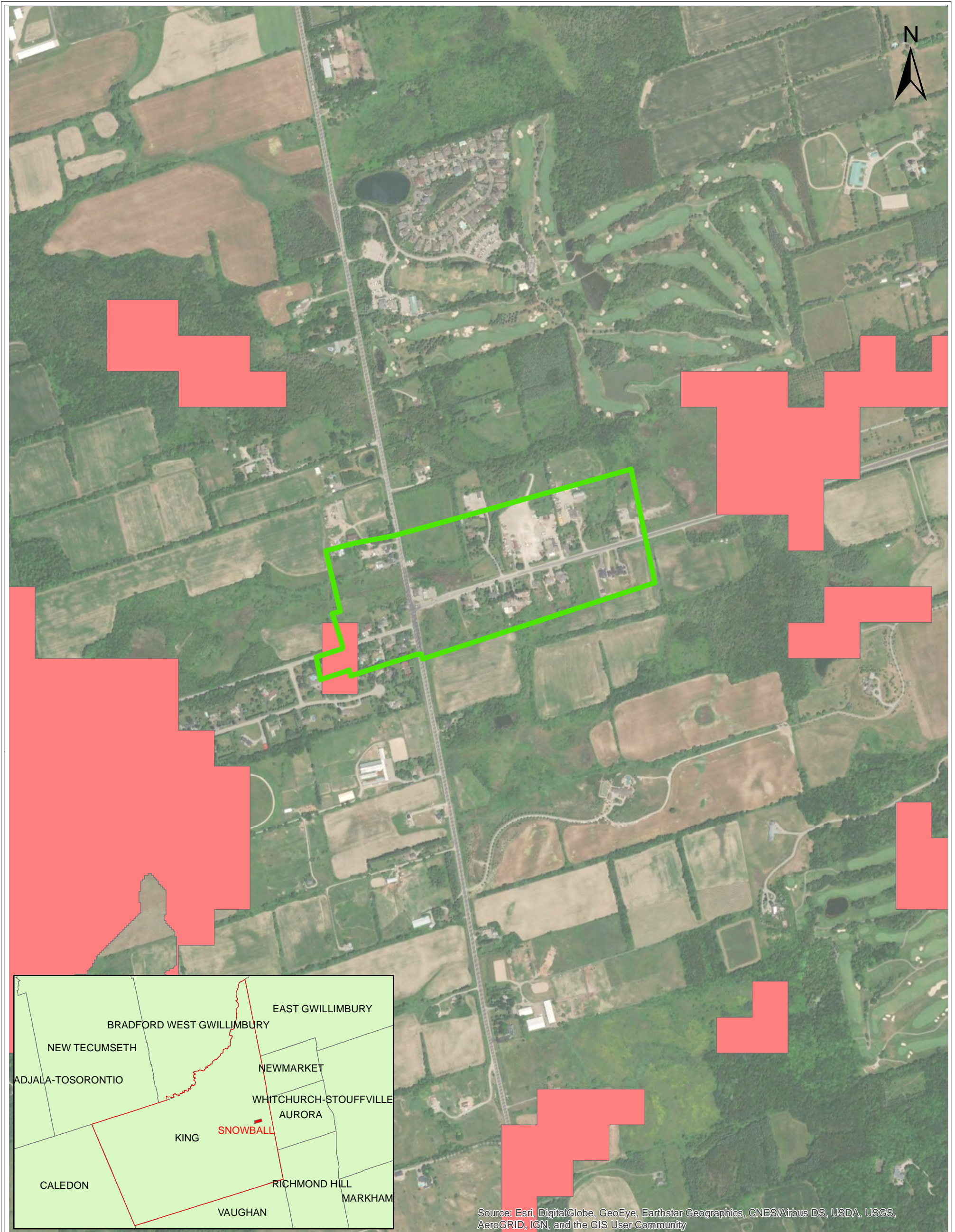
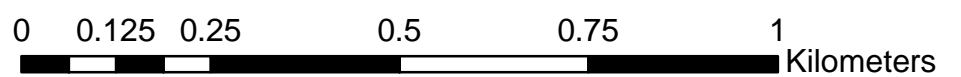


Figure A-56
Hamlet of Snowball
Highly Vulnerable
Aquifers

Date: September 2019
 Drawn By: H.S.
 Disclaimer: Highly vulnerable
 aquifer data received from
 LSRCA.



Legend

- Highly Vulnerable Aquifers
- Hamlet Boundary
- Township of King Boundary

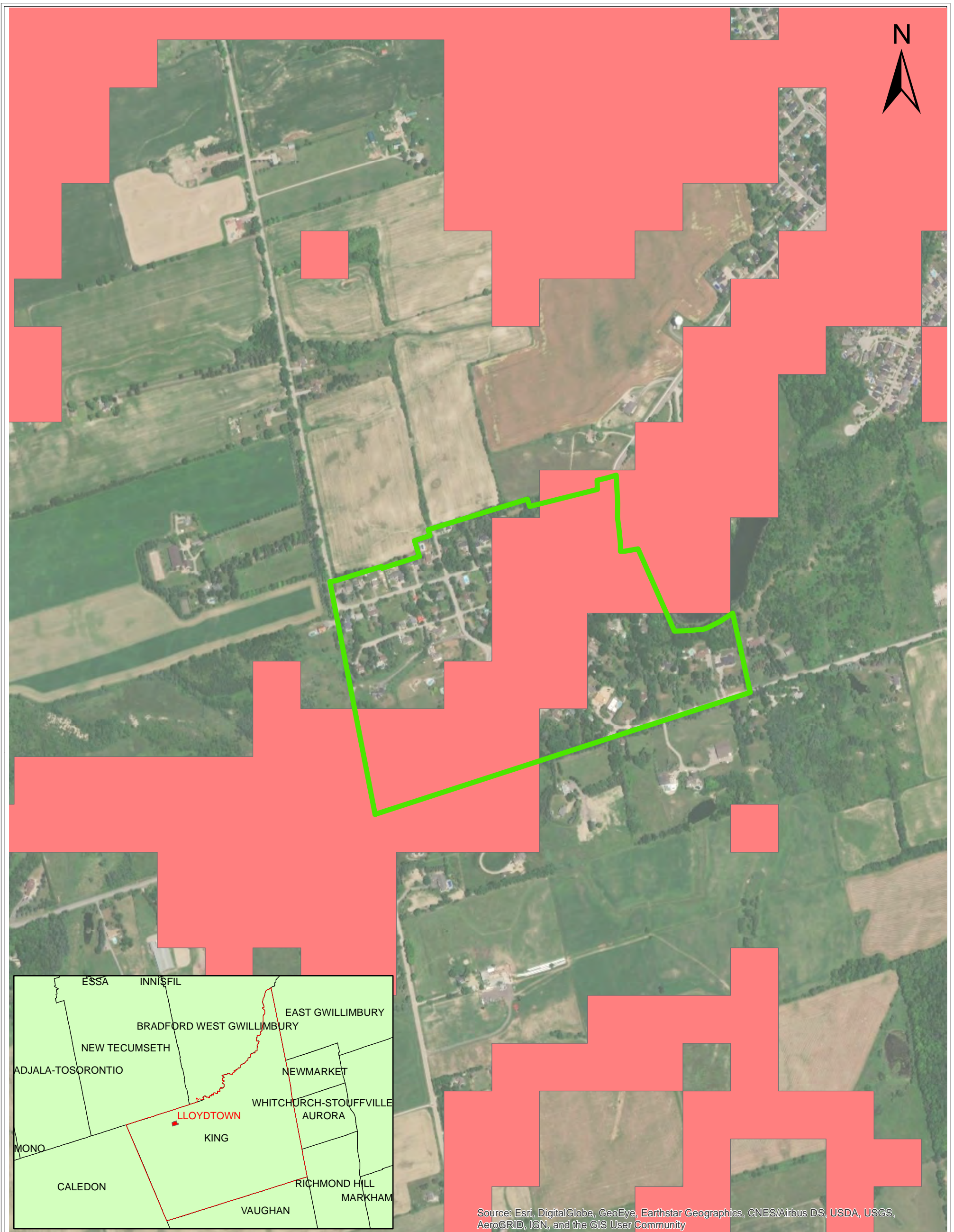
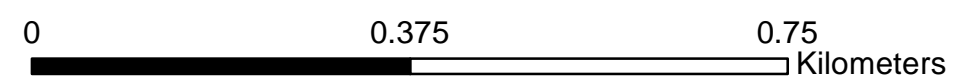


Figure A-57
Hamlet of Lloydtown
Highly Vulnerable
Aquifers

Date: September 2019
 Drawn By: H.S.
 Disclaimer: Highly vulnerable
 aquifer data received from
 LSRCA.



- Legend**
- Highly Vulnerable Aquifers
 - Hamlet Boundary
 - Township of King Boundary

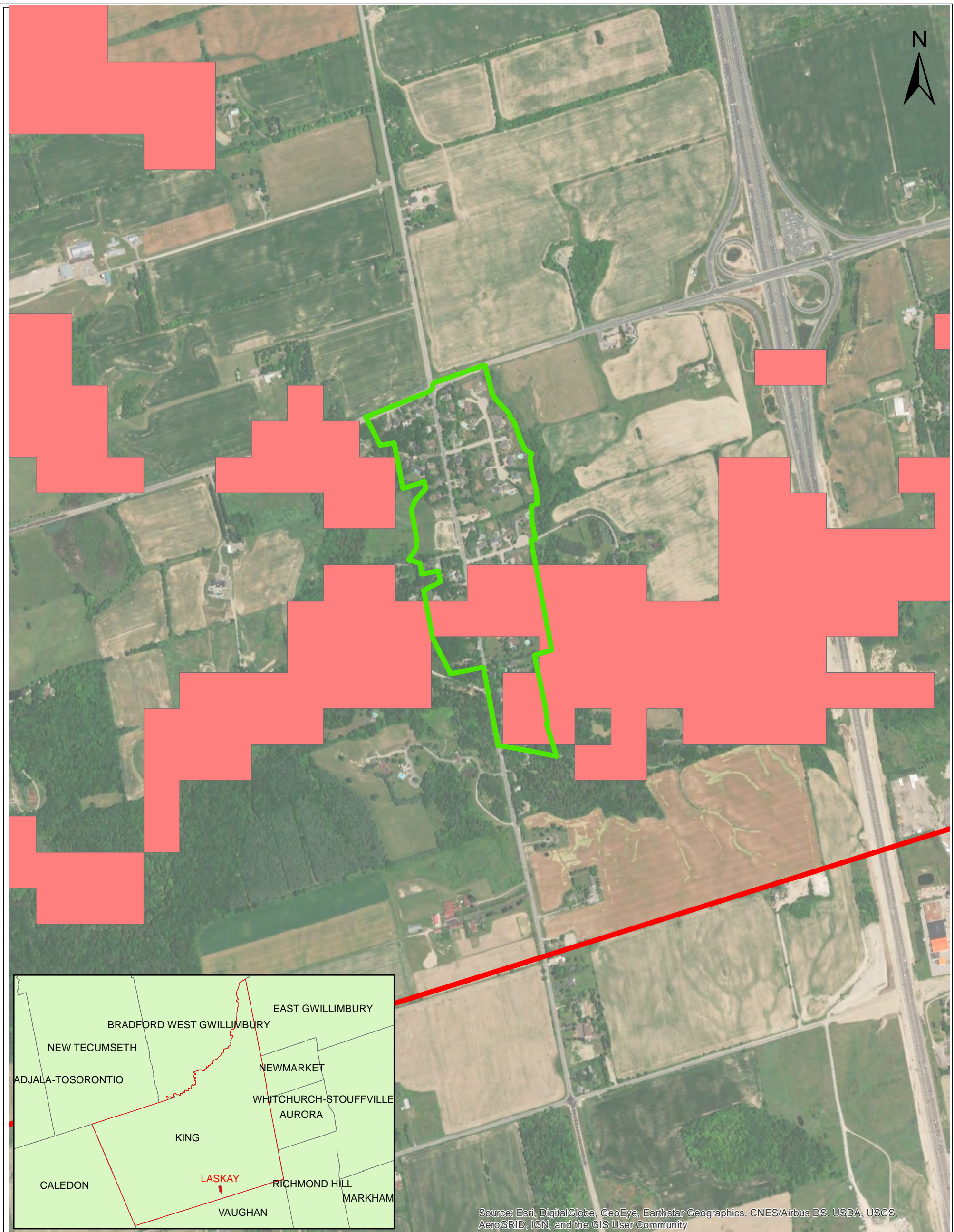
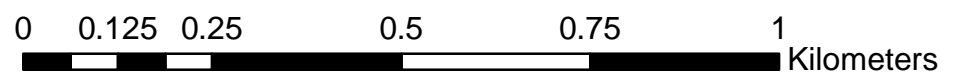


Figure A-58
Hamlet of Laskay
Highly Vulnerable
Aquifers

Date: September 2019
 Drawn By: H.S.
 Disclaimer: Highly vulnerable
 aquifer data received from
 TRCA.



Legend

- Highly Vulnerable Aquifers
- Hamlet Boundary
- Township of King Boundary

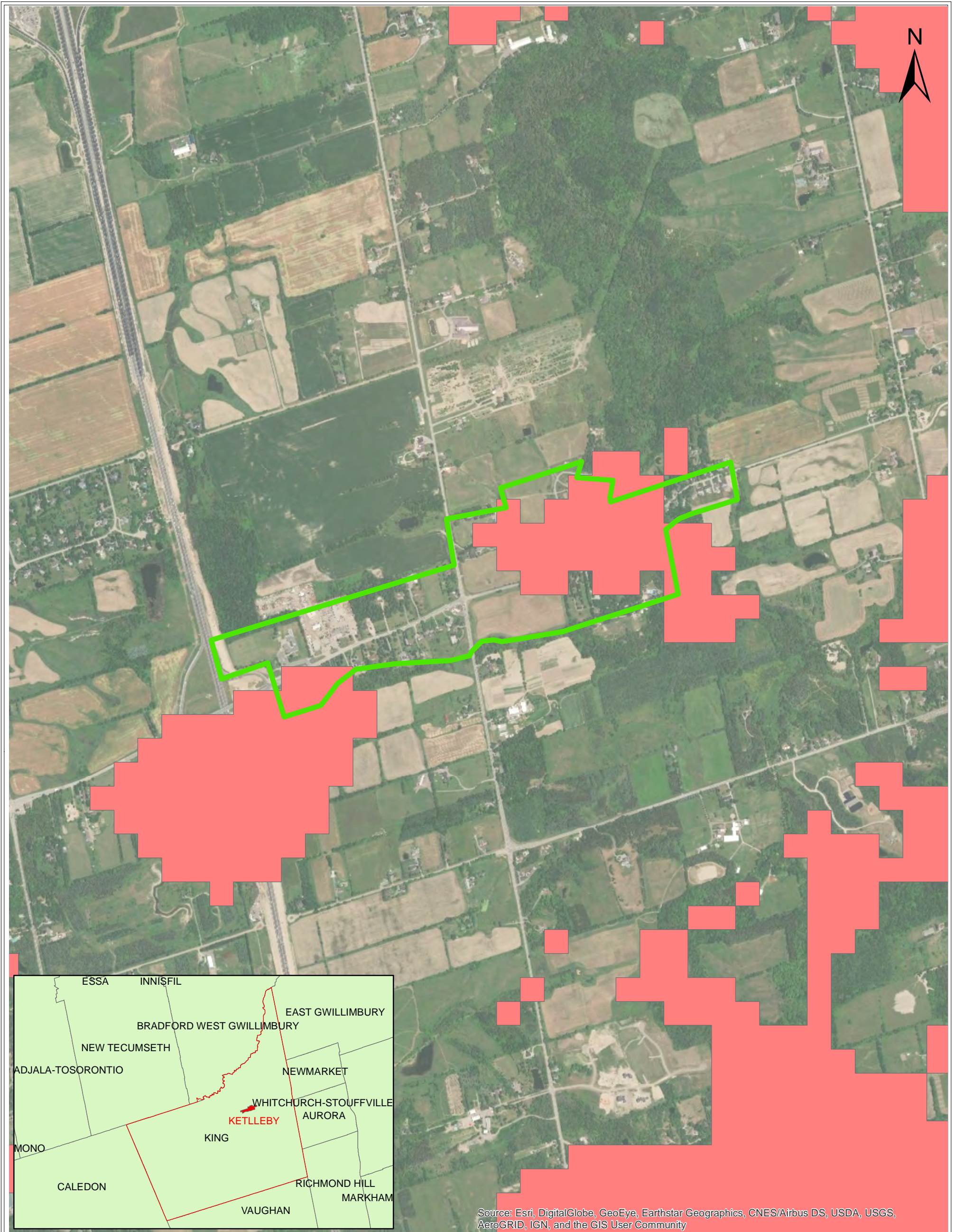


Figure A-59 Hamlet of Kettleby Highly Vulnerable Aquifers

Date: September 2019
 Drawn By: H.S.
 Disclaimer: Highly vulnerable aquifer data received from LSRCA



Legend

- Highly Vulnerable Aquifers
- Hamlet Boundary
- Township of King Boundary

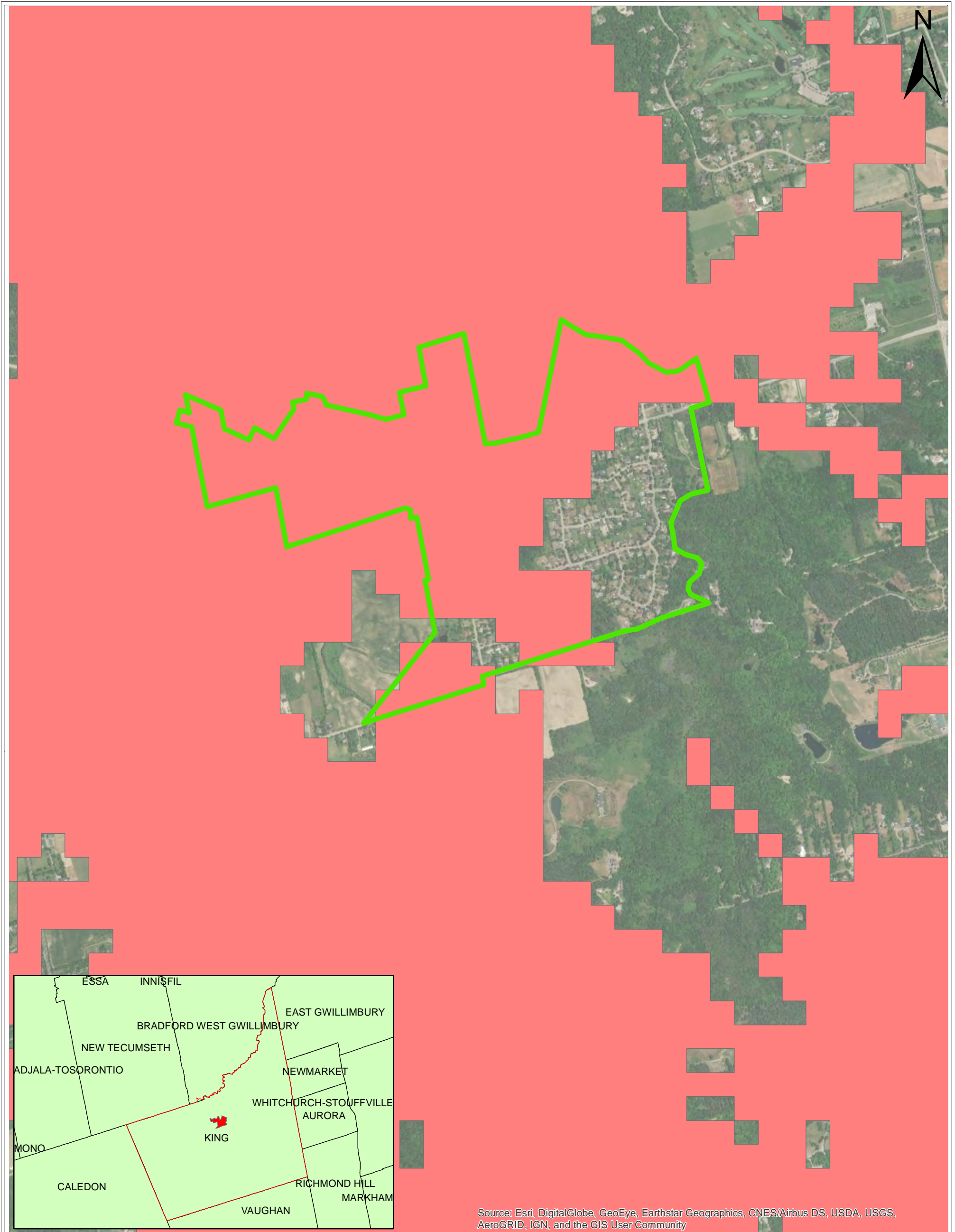
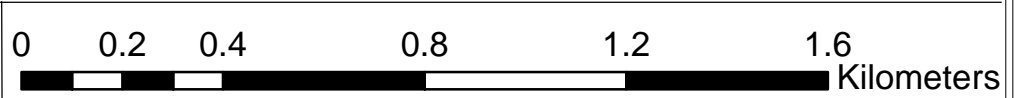


Figure A-60
Hamlet of Pottageville
Highly Vulnerable
Aquifers

Date: September 2019
 Drawn By: H.S.
 Disclaimer: Highly vulnerable
 aquifer data received from
 LSRCA.



- Legend**
- Highly Vulnerable Aquifers
 - Hamlet Boundary
 - Township of King Boundary

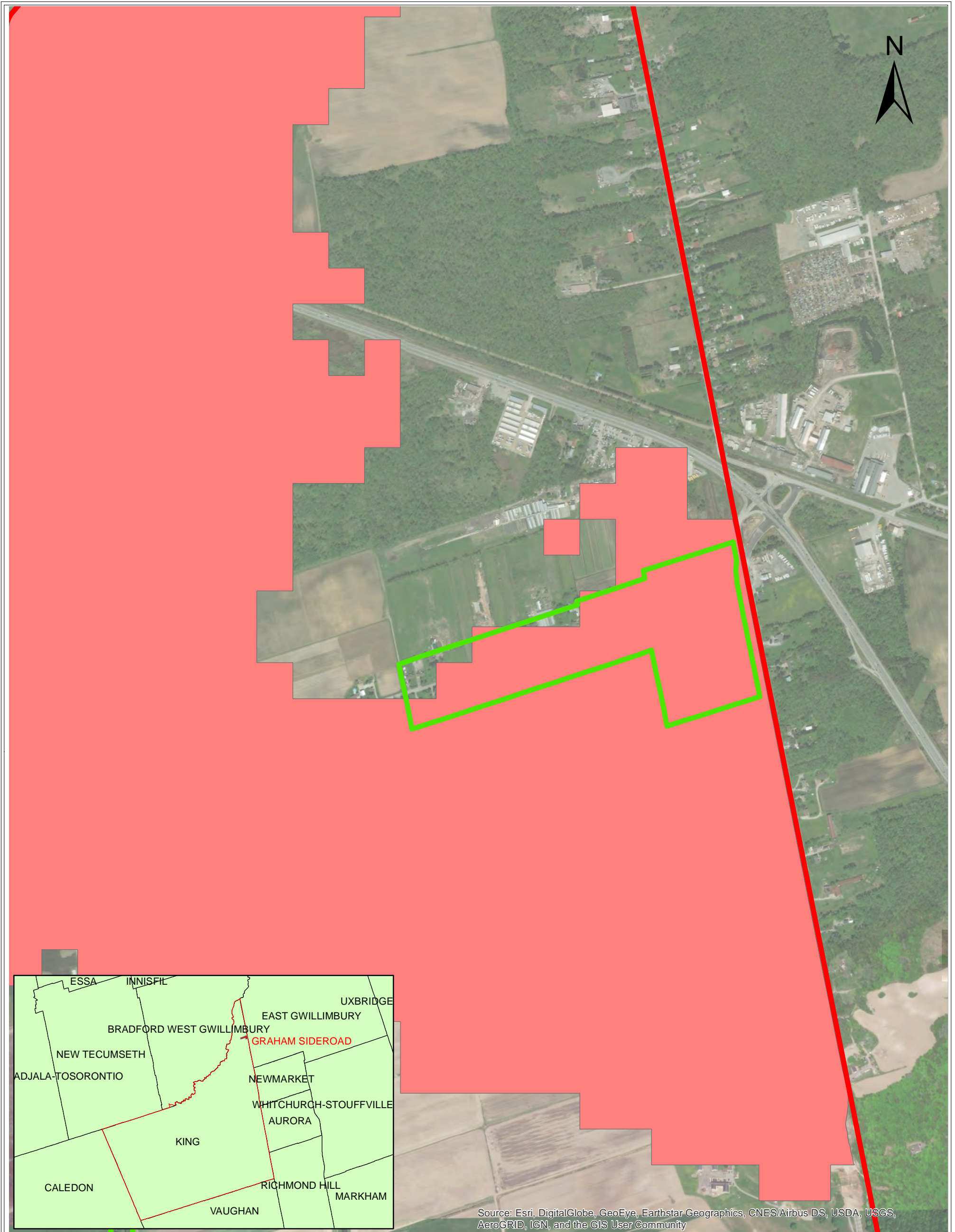
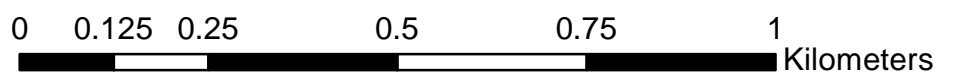


Figure A-61
Hamlet of Graham
Sideroad Highly
Vulnerable

Date: September 2019
 Drawn By: H.S.
 Disclaimer: Highly vulnerable
 aquifer data received from
 LSRCA



Legend

- Highly Vulnerable Aquifers
- Hamlet Boundary
- Township of King Boundary

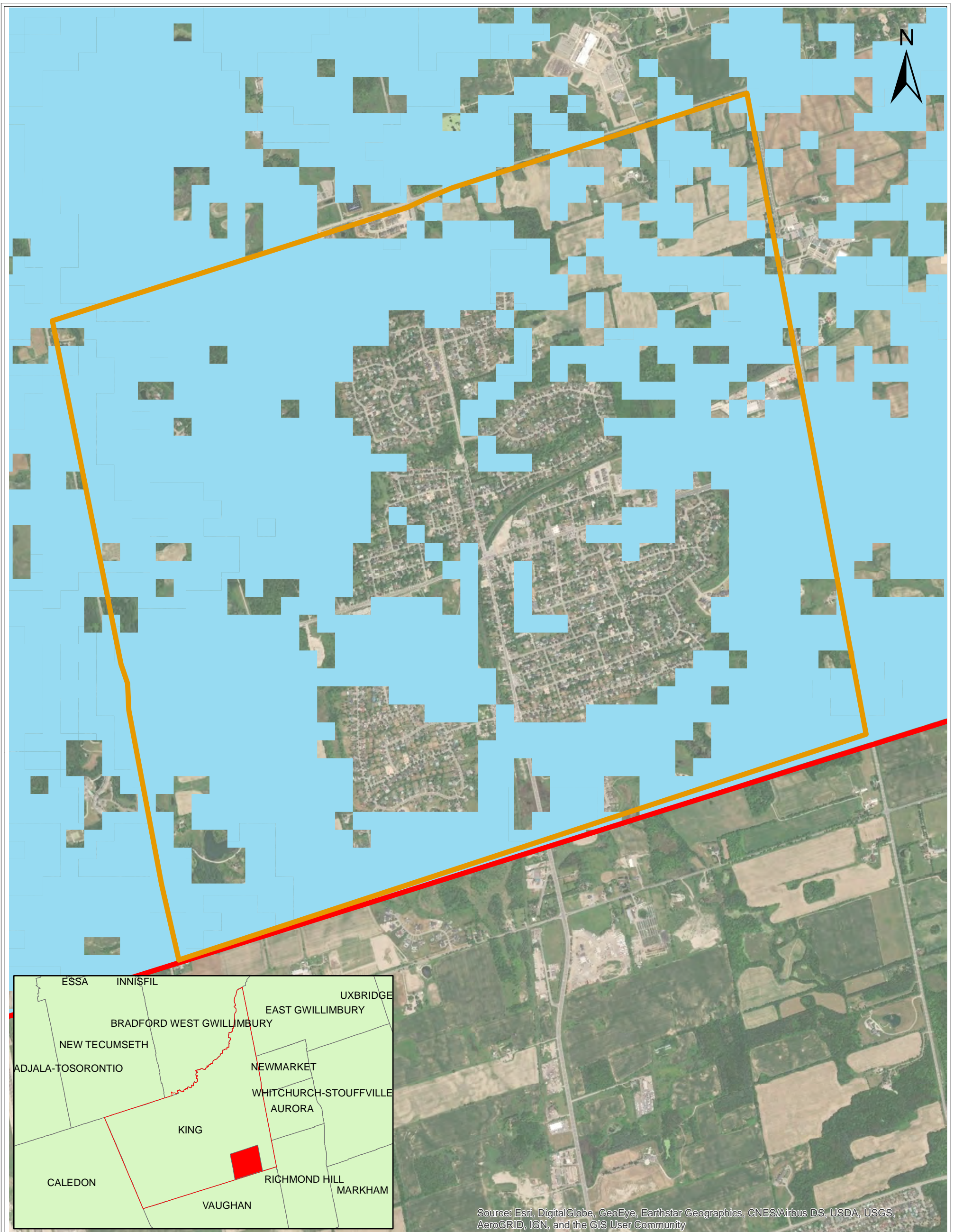
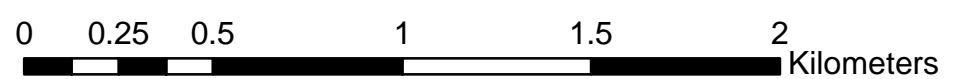


Figure A-62
Village of King City
Significant Groundwater
Recharge Area

Date: September 2019
 Drawn By: H.S.
 Disclaimer: Significant groundwater recharge area data received from TRCA.



Legend

- Significant Groundwater Recharge Area
- Village of King City Boundary
- Township of King Boundary

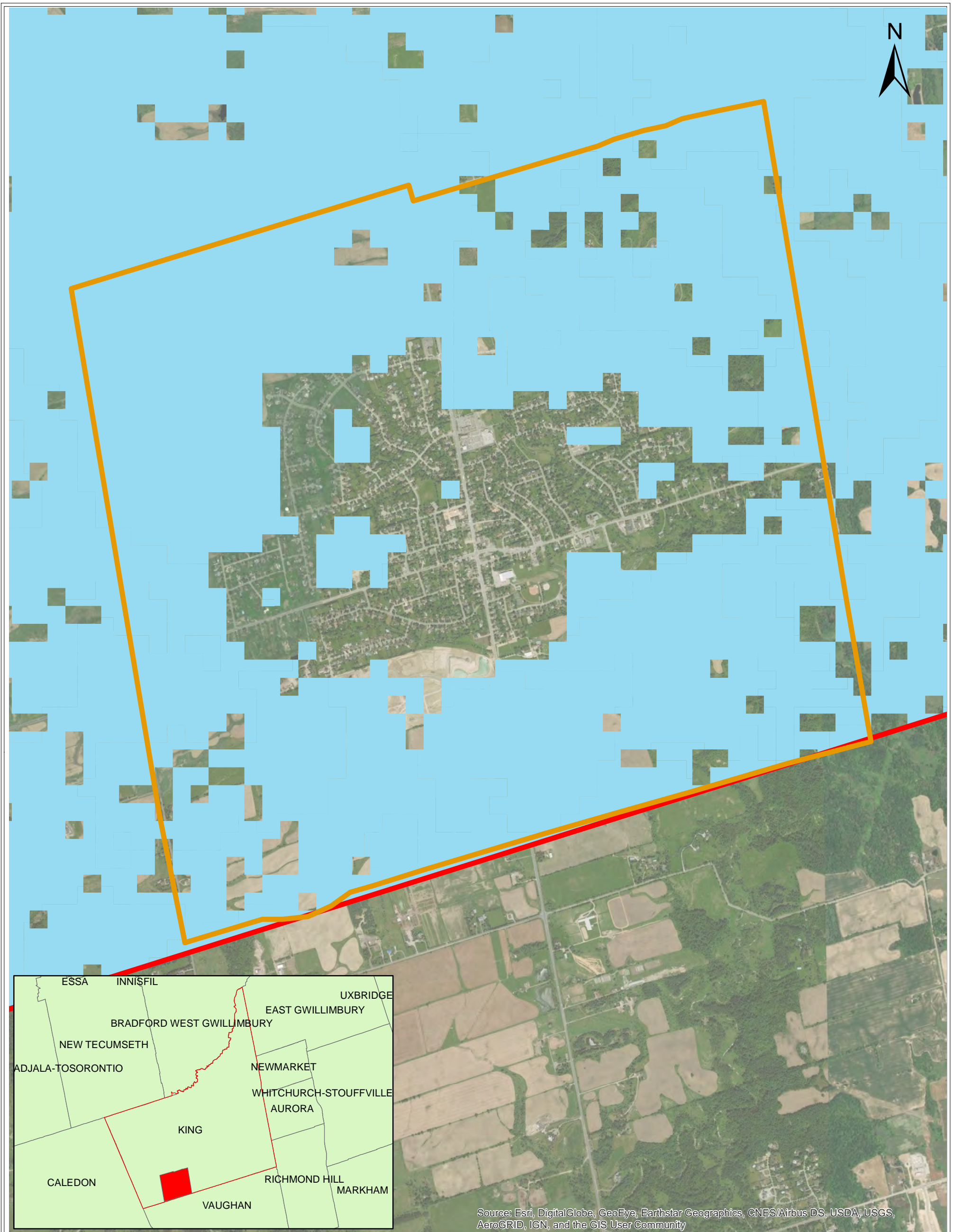


Figure A-63
Village of Nobleton
Significant Groundwater
Recharge Area

Date: September 2019
 Drawn By: H.S.
 Disclaimer: Significant groundwater recharge area data received from TRCA.



0 0.25 0.5 1 1.5 2 Kilometers

Legend

- Significant Groundwater Recharge Area
- Village Boundary
- Township of King Boundary

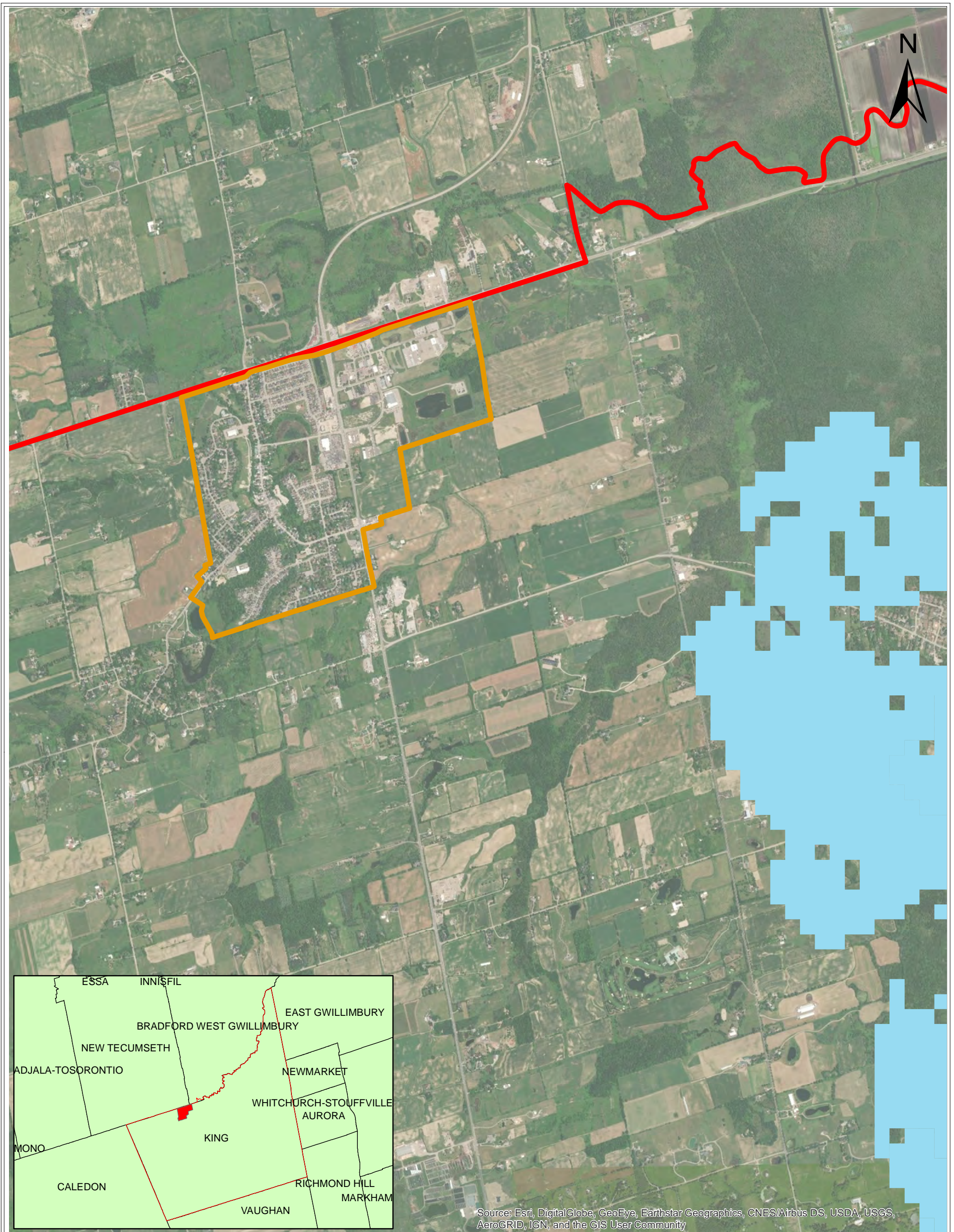
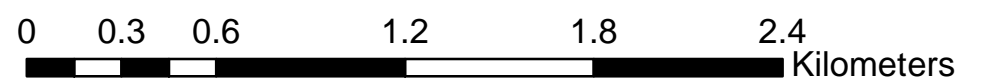


Figure A-64
Village of Schomberg
Significant Groundwater
Recharge Area

Date: September 2019
 Drawn By: H.S.
 Disclaimer: Significant groundwater recharge area data received from LSRCA.



Legend

- Significant Groundwater Recharge Area
- Village Boundary
- Township of King Boundary

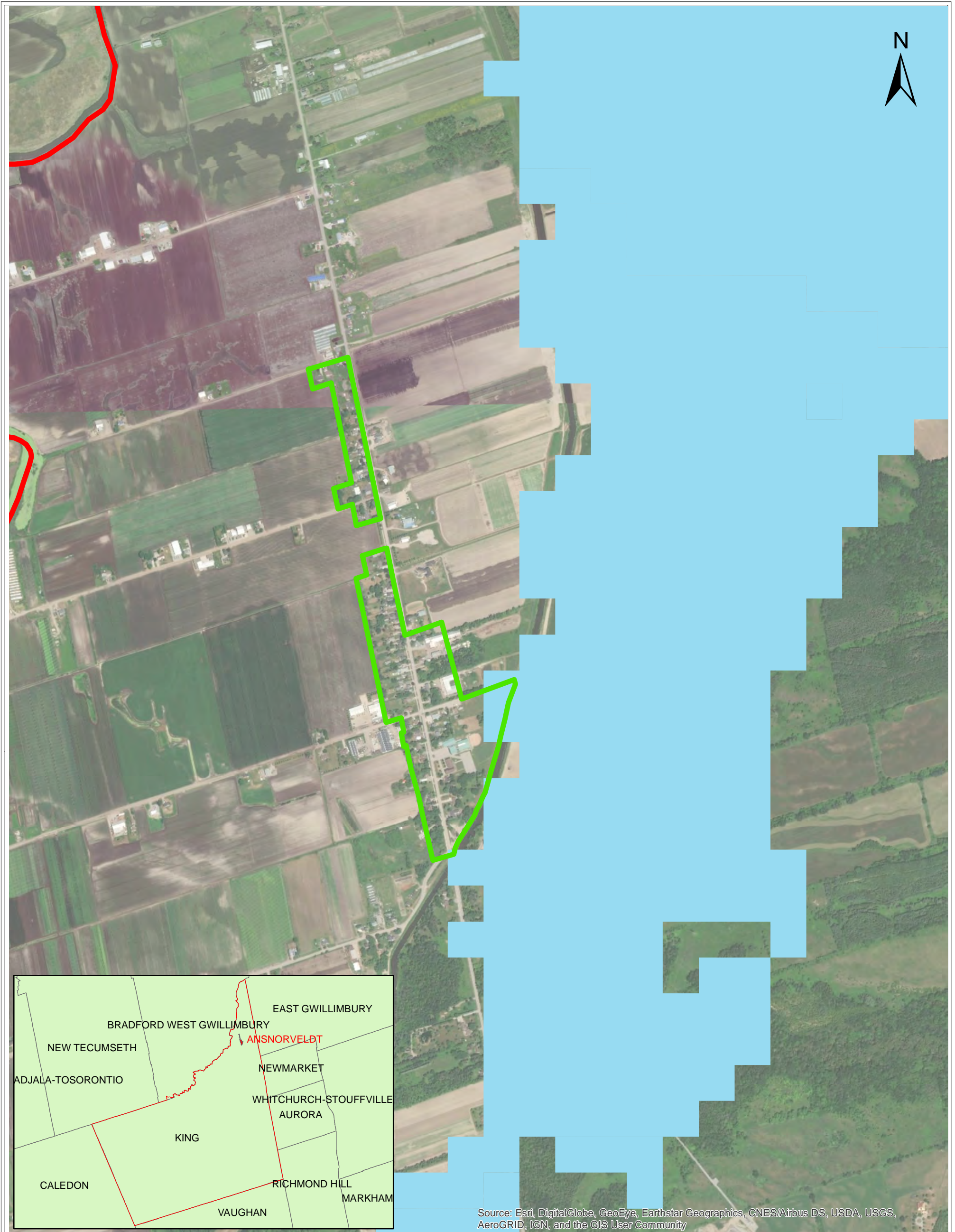
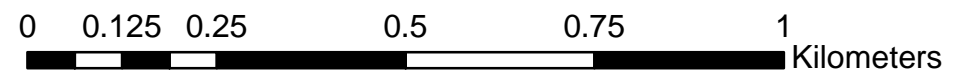


Figure A-65
Hamlet of Ansnorveldt
Significant Groundwater
Recharge Area

Date: September 2019
 Drawn By: H.S.
 Disclaimer: Significant groundwater recharge area data received from LSRCA.



Legend

- Significant Groundwater Recharge Area
- Hamlet Boundary
- Township of King Boundary

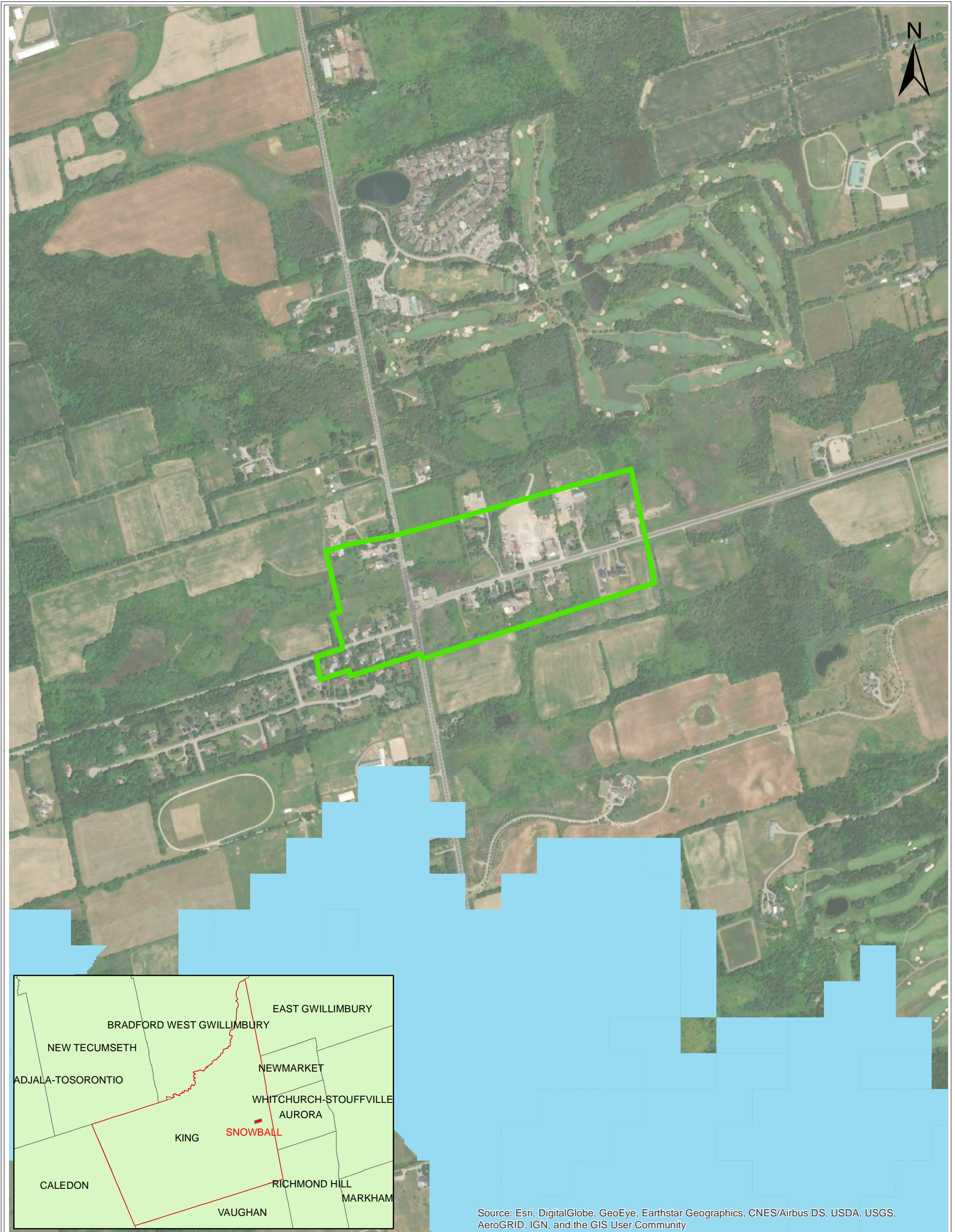
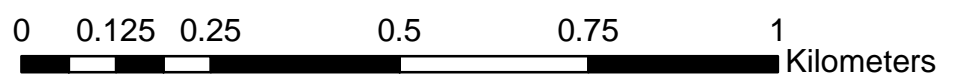





Figure A-66
Hamlet of Snowball
Significant
Groundwater Recharge
Area

Date: September 2019
 Drawn By: H.S.
 Disclaimer: Significant groundwater recharge area data received from LSRCA.



Legend

-  Significant Groundwater Recharge Area
-  Hamlet Boundary
-  Township of King Boundary

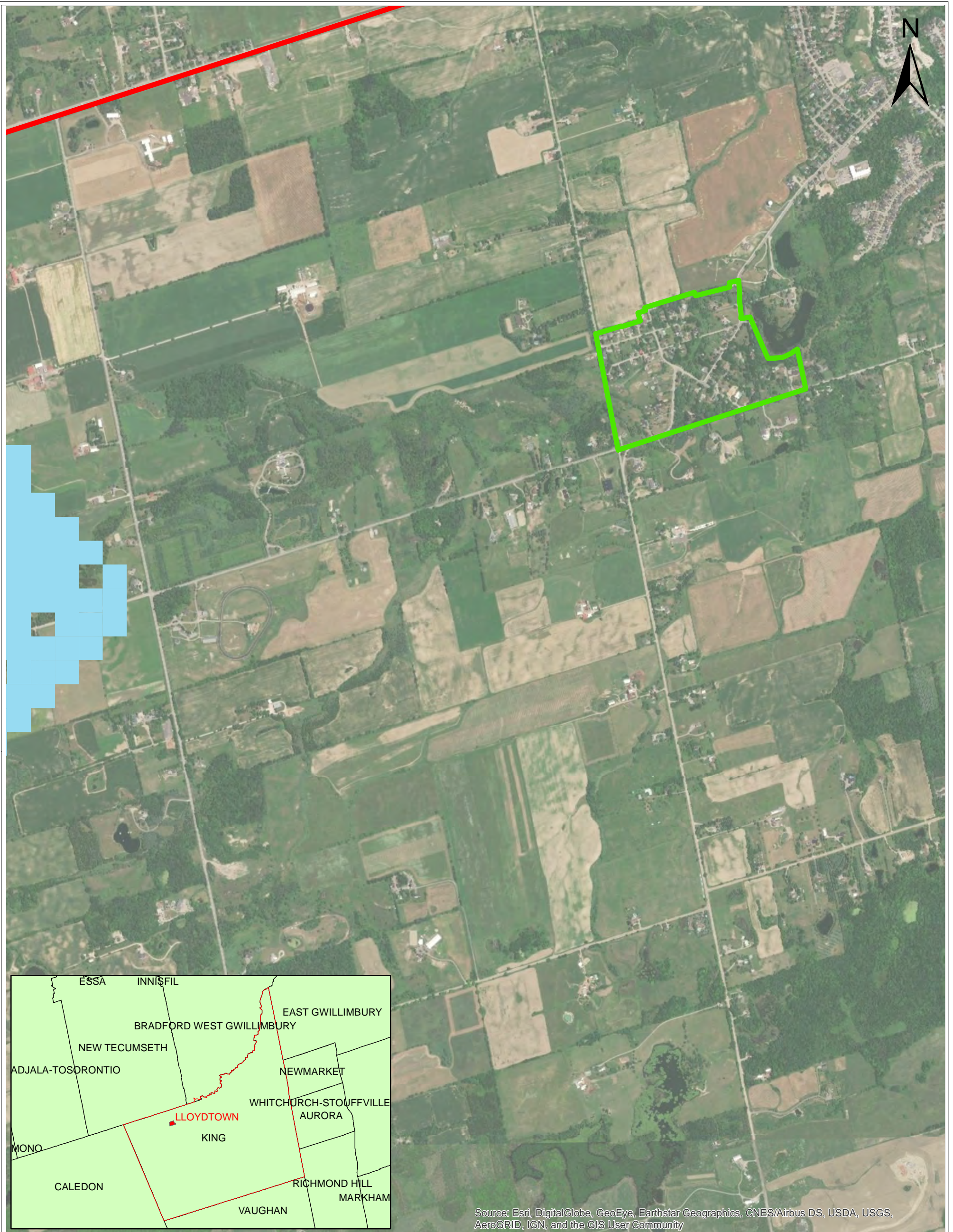
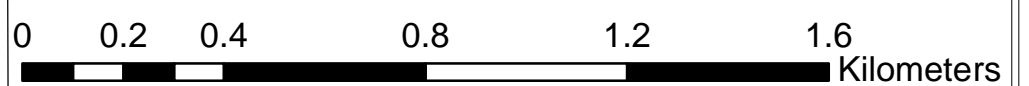





Figure A-67
Hamlet of Lloydtown
Significant Groundwater
Recharge Area

Date: September 2019
 Drawn By: H.S.
 Disclaimer: Significant groundwater recharge area data received from LSRCA.



Legend

-  Significant Groundwater Recharge Area
-  Hamlet Boundary
-  Township of King Boundary

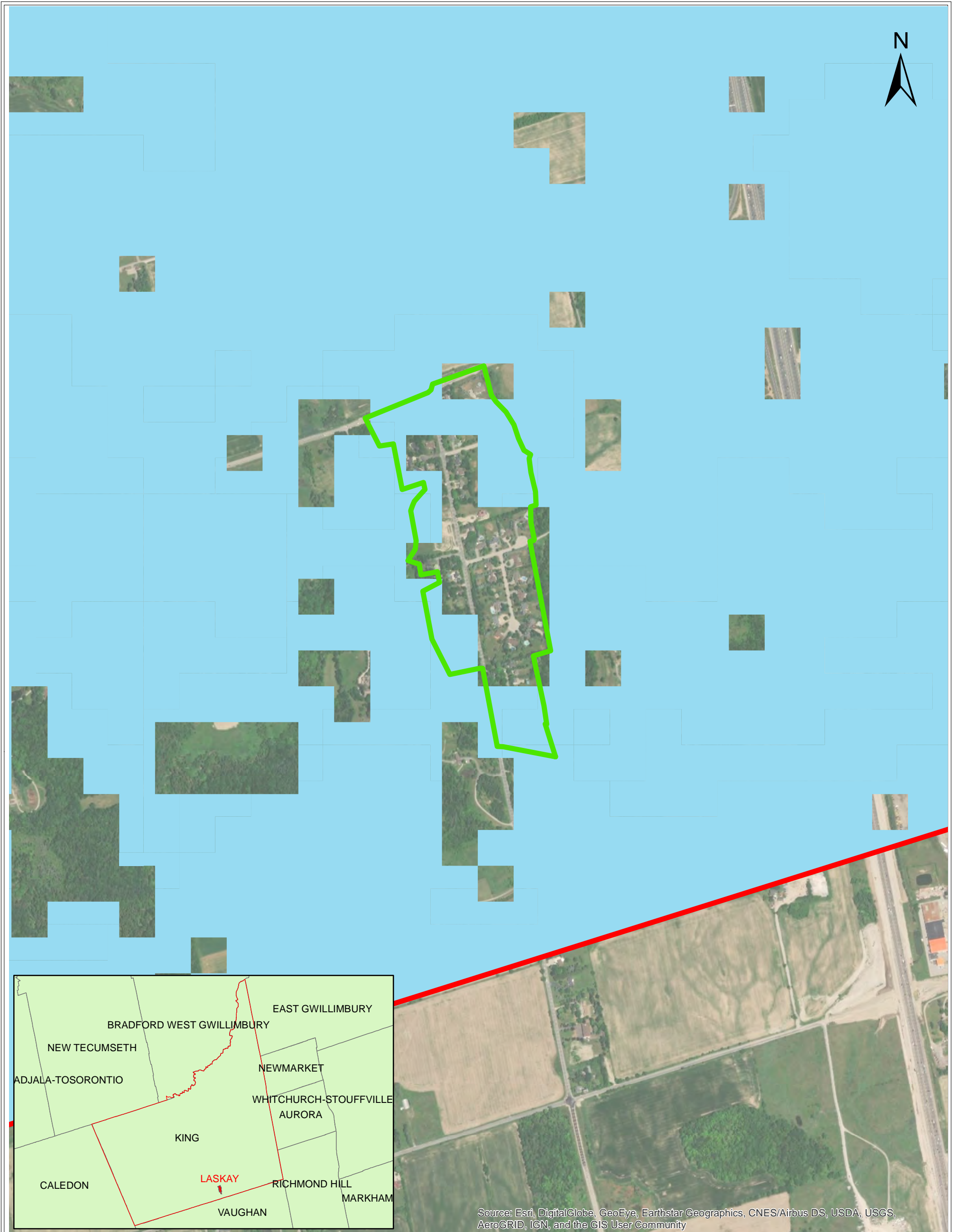
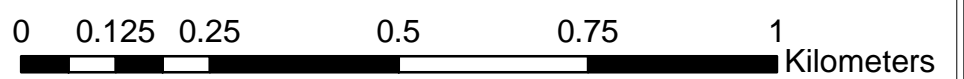


Figure A-68
Hamlet of Laskay
Significant
Groundwater Recharge
Area

Date: September 2019
 Drawn By: H.S.
 Disclaimer: Significant groundwater recharge area data received from TRCA.



Legend

- Significant Groundwater Recharge Area
- Hamlet Boundary
- Township of King Boundary

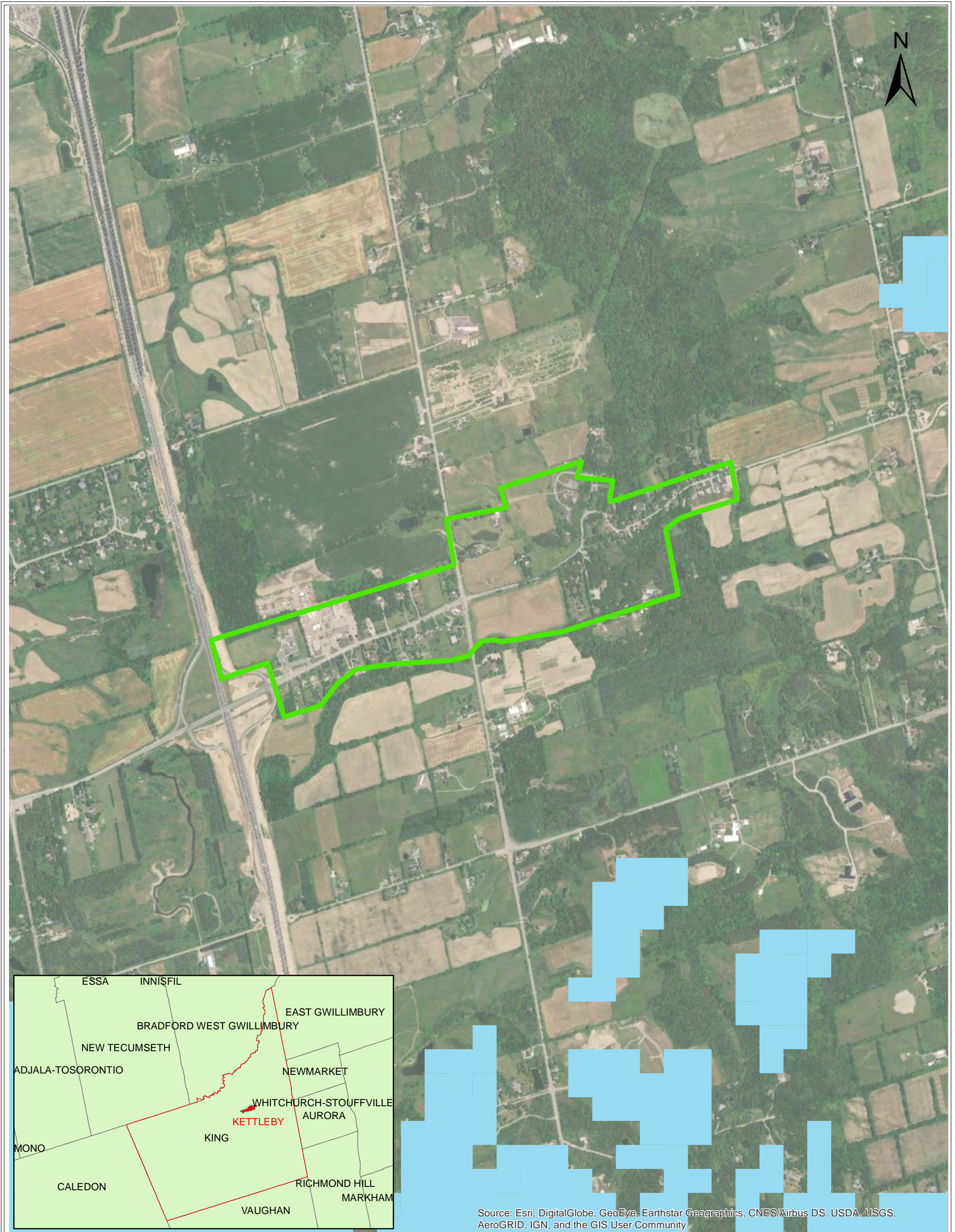





Figure A-69
Hamlet of Kettleby
Significant Groundwater
Recharge Area

Date: September 2019
 Drawn By: J.W.
 Disclaimer: Significant groundwater recharge area data received from LSRCA



Legend

-  Significant Groundwater Recharge Area
-  Hamlet Boundary
-  Township of King Boundary

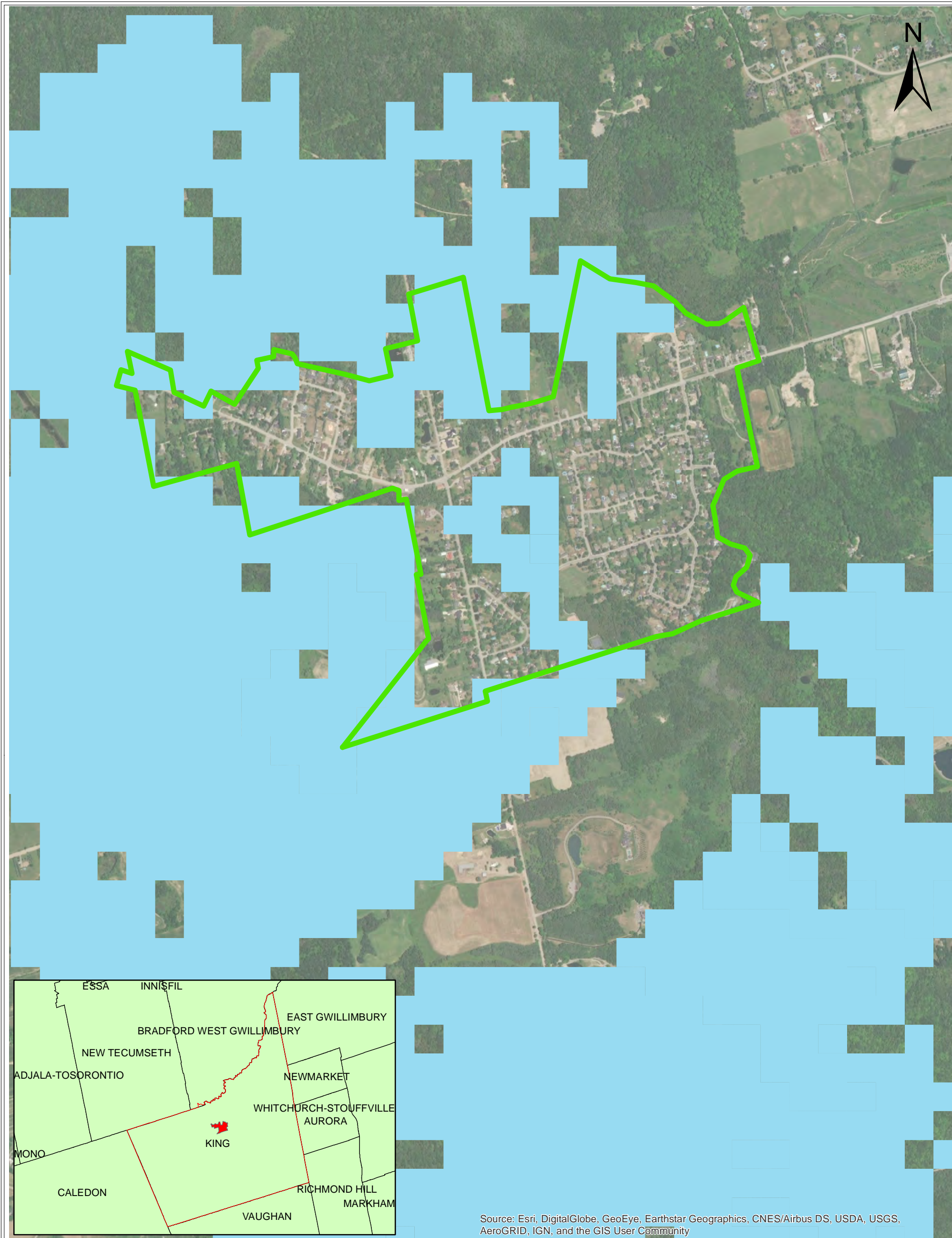


Figure A-70
Hamlet of Pottageville
Significant Groundwater
Recharge Area

Date: September 2019
 Drawn By: H.S.
 Disclaimer: Significant groundwater recharge area data received from LSRCA.



Legend

- Significant Groundwater Recharge Area
- Hamlet Boundary
- Township of King Boundary

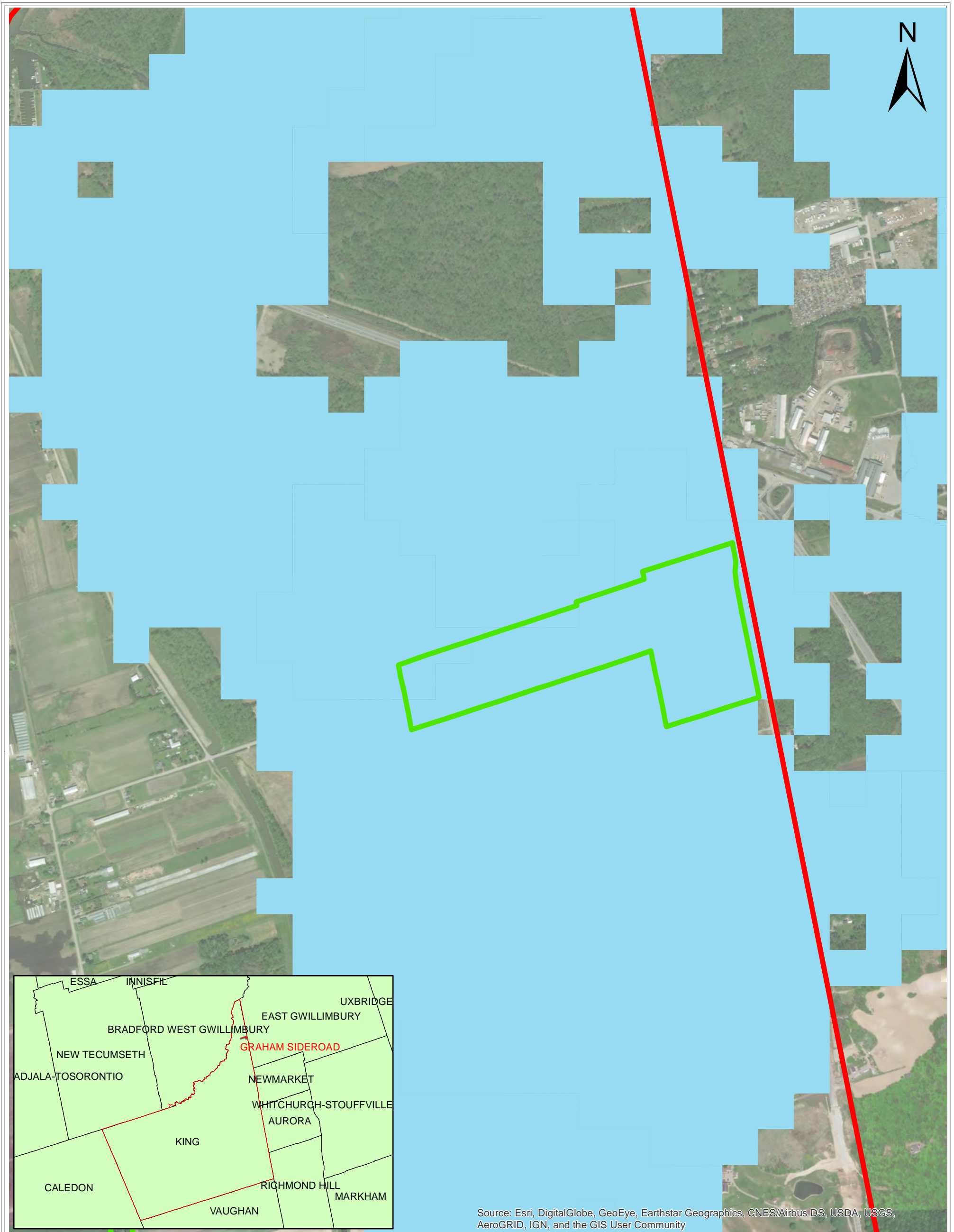


Figure A-71
Hamlet of
Graham Sideroad
Significant Groundwater
Recharge Area

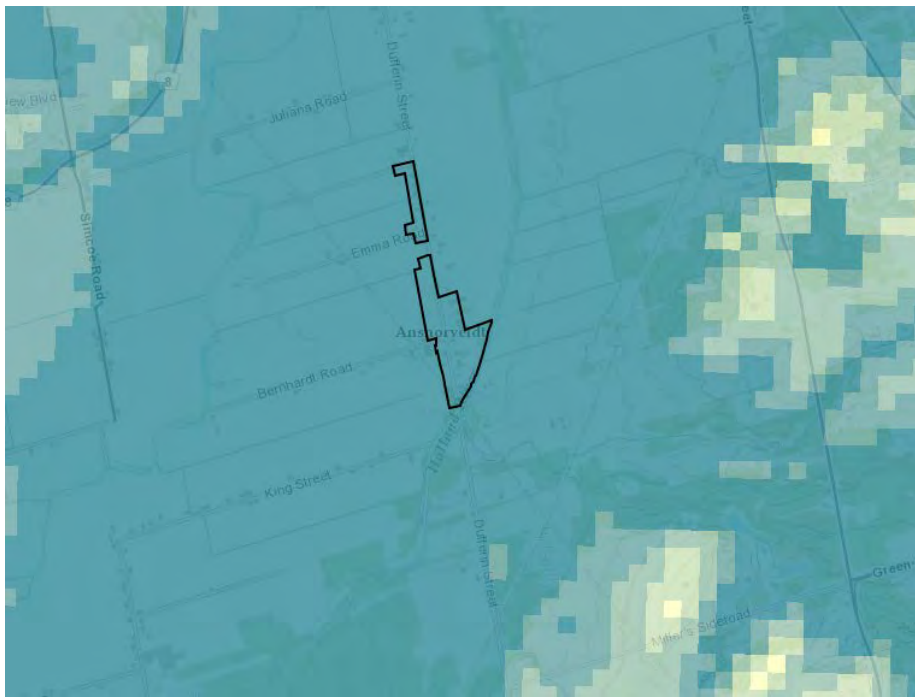
Date: September 2019
 Drawn By: H.S.
 Disclaimer: Significant groundwater recharge area data received from LSRCA.



0 0.125 0.25 0.5 0.75 1 Kilometers

Legend

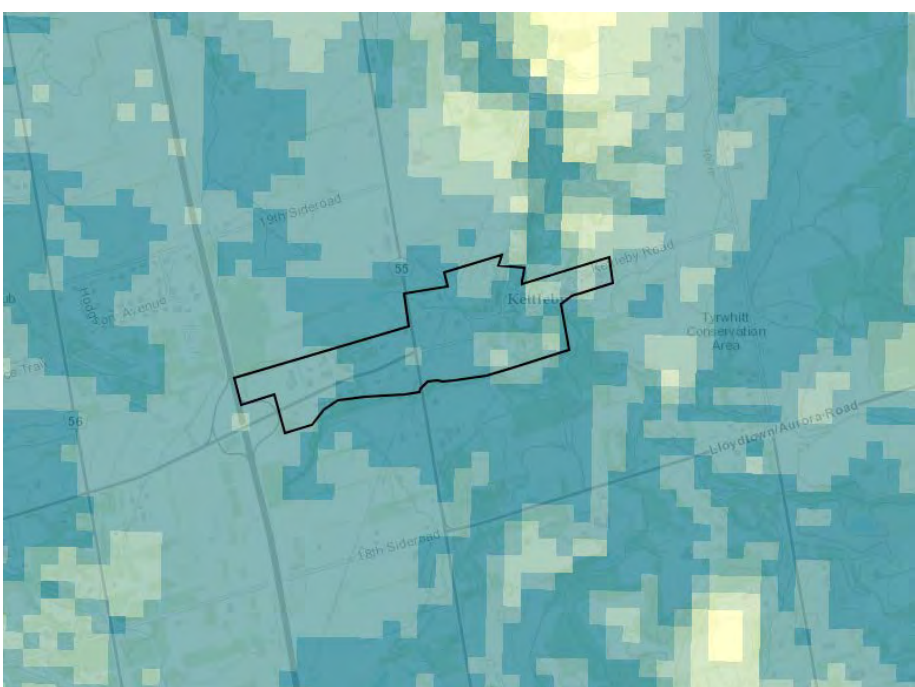
- Significant Groundwater Recharge Area
- Hamlet Boundary
- Township of King Boundary



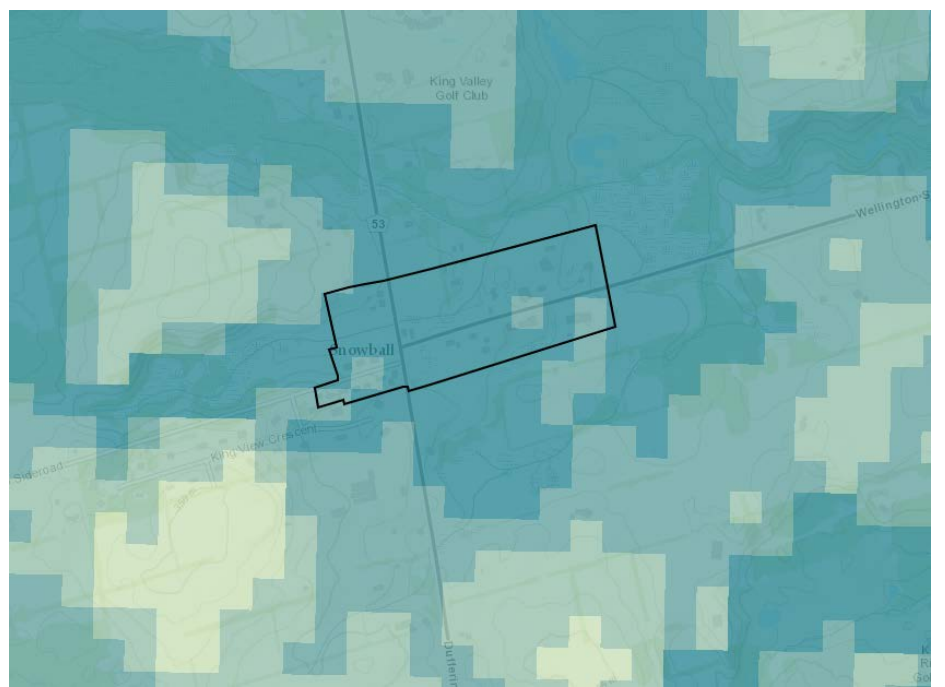
Ansnorveldt



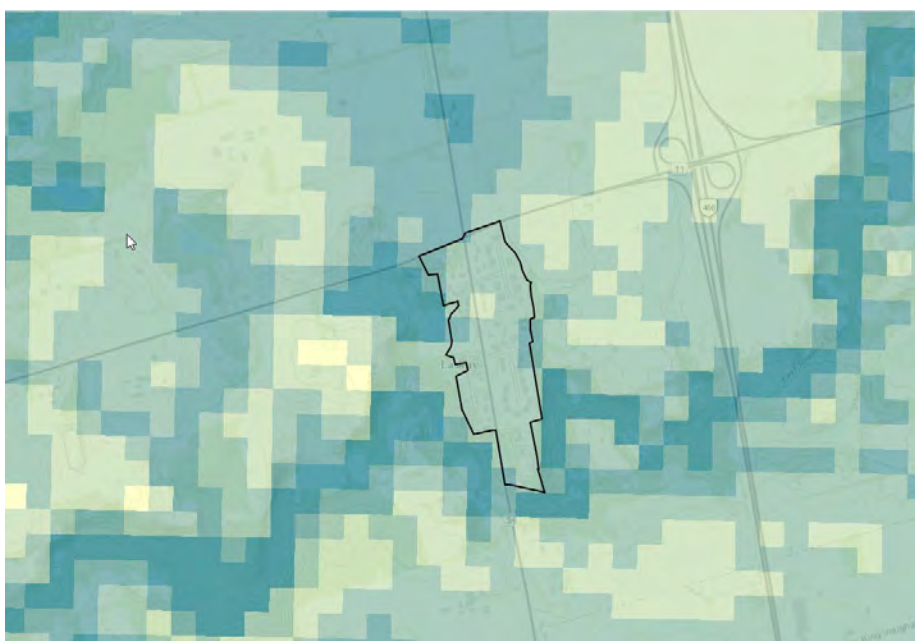
Graham Sideroad



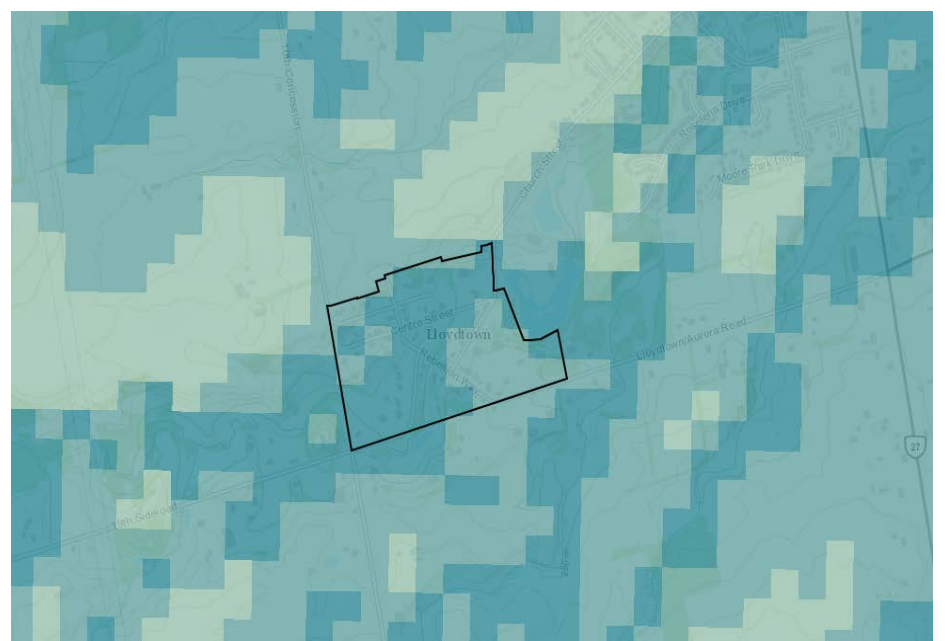
Kettleby



Snowball



Laskay



Lloydtown

Scale: NTS

**Figure A-72
Depth to Water
Table**

Date: November 2019
 Drawn By: H.S.
 Disclaimer: Water table
 depth information
 obtained from Oak
 Ridges Moraine
 Groundwater Program
 public mapping portal

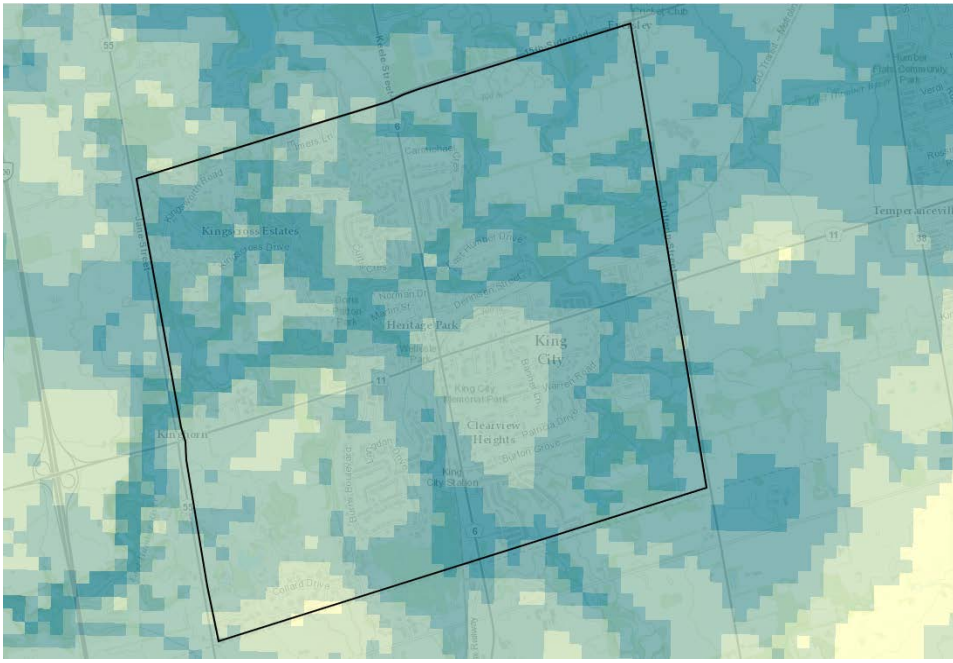


Legend

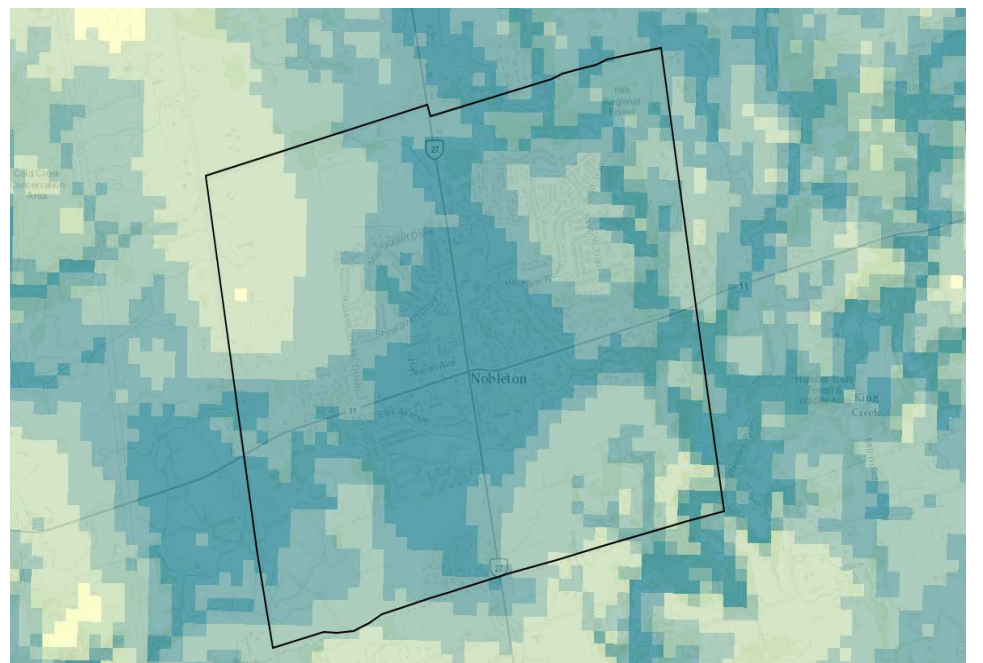
Depth to Water Table (m)

	0 - 4		46.4 - 56.3
	4.1 - 12.1		56.4 - 68.4
	12.2 - 22.1		68.5 - 78.5
	22.2 - 34.2		78.6 - 88.5
	34.3 - 46.3		

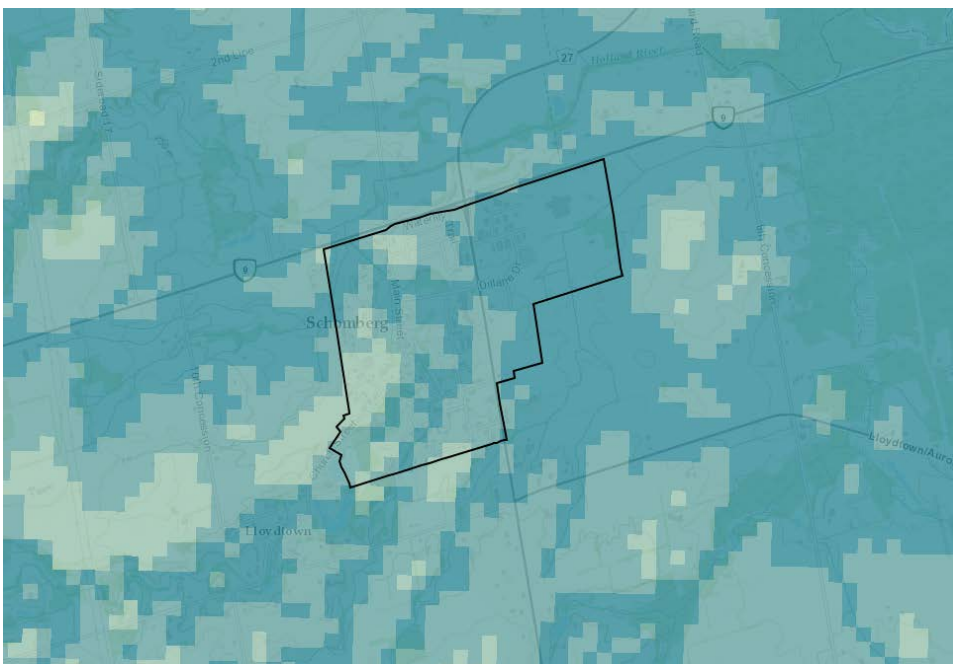




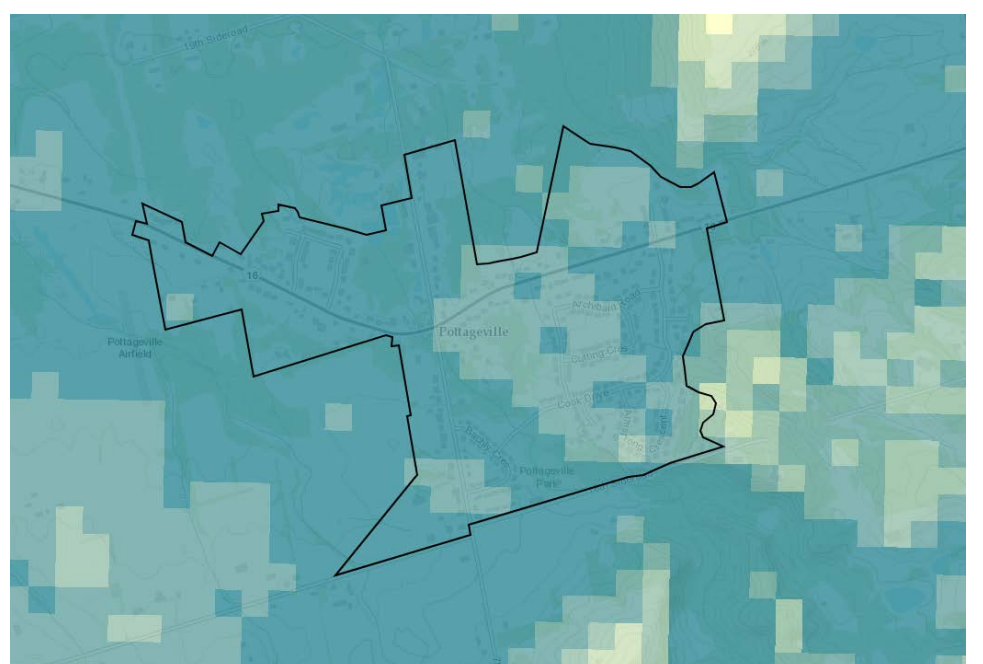
King City



Nobleton



Schomberg



Pottageville

Scale: NTS

**Figure A-73
Depth to Water
Table**

Date: November 2019
 Drawn By: H.S.
 Disclaimer: Water table
 depth information
 obtained from Oak
 Ridges Moraine
 Groundwater Program
 public mapping portal



Legend

Depth to Water Table (m)

	0 - 4		46.4 - 56.3
	4.1 - 12.1		56.4 - 68.4
	12.2 - 22.1		68.5 - 78.5
	22.2 - 34.2		78.6 - 88.5
	34.3 - 46.3		

