Appendix F

AREAS CONTRIBUTING TO STORMWATER AND SPRING RUNOFF CAPACTIY DATA AND MAPPING

Appendix F-1

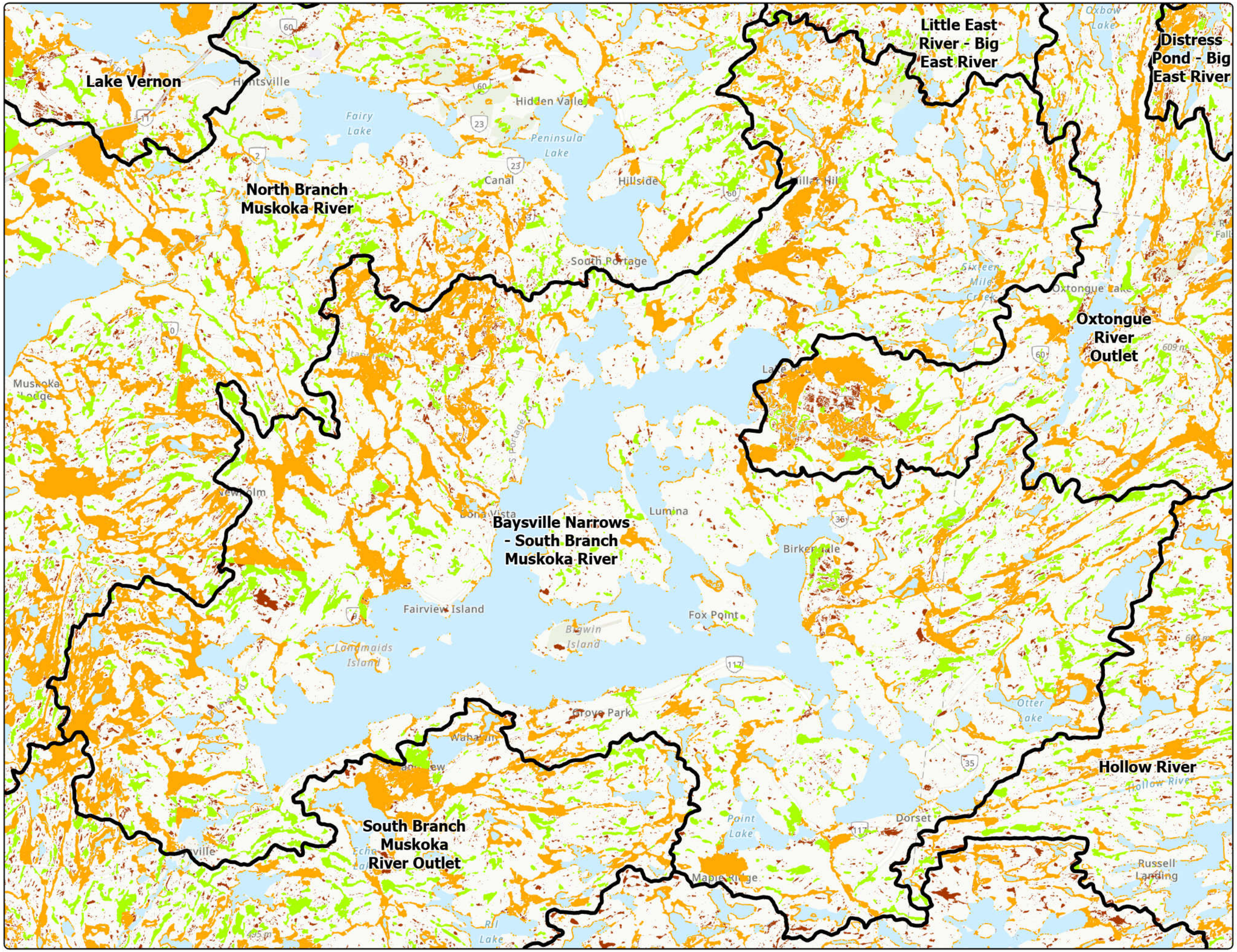
Wetland Flood Attenuation Mapping

PROJECT: DA21-086-01

CLIENT: District of Muskoka

DATE: 16, December 2022

DRAWN BY: J. Sauder



Map 6-1: Wetland Flood Attenuation
Baysville Narrows - South Branch Muskoka River

Muskoka River Watershed IWM -

Wetland Type
- Isolated
- Riverine / Lacustrine
- Palustrine

Quaternary Watersheds

0 500 1,000 2,000
Metres

1:99,000

North American 1983 CSRS UTM Zone 17N

Basemap Source: Province of Ontario, Esri Canada, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, USDA, NRCan, Parks Canada

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PROJECT: DA21-086-01

CLIENT: District of Muskoka

DATE: 16, December 2022

DRAWN BY: J. Sauder

Map 6-2: Wetland Flood Attenuation Blackstone Harbour

Muskoka River Watershed IWM - Natural Capital Inventory

Wetland Type

- Isolated
- Riverine / Lacustrine
- Palustrine

Quaternary Watersheds

0 500 1,000 2,000

Metres

1:77,000

North American 1983 CSRS UTM Zone 17N

Basemap Source: Province of Ontario, Esri Canada, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, USDA, NRCan, Parks Canada

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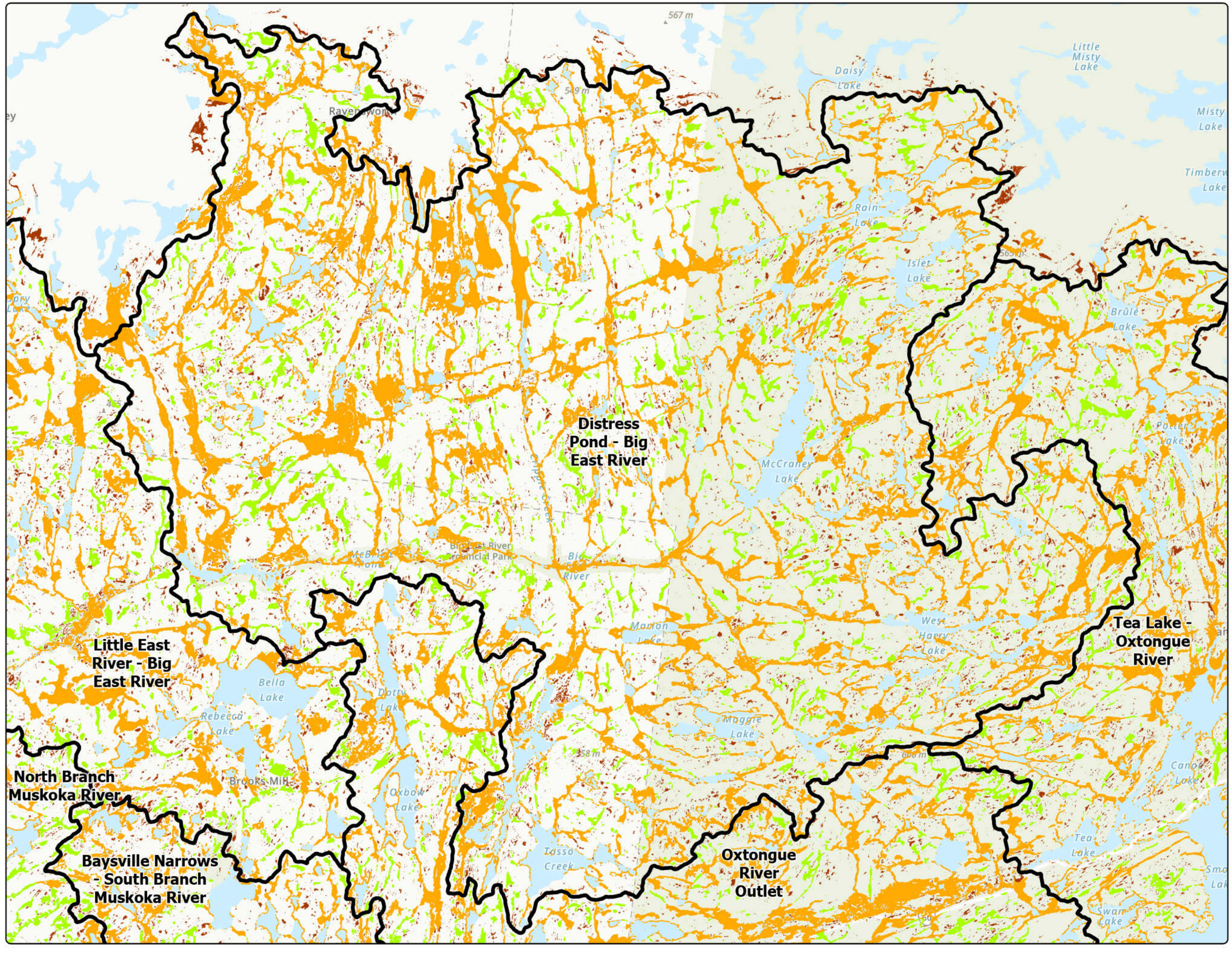

Map 6-3: Wetland Flood Attenuation
Distress Pond - Big East River

Muskoka River Watershed IWM - Natural Capital Inventory

Wetland Type

- Isolated
- Riverine / Lacustrine
- Palustrine

Quaternary Watersheds

0 1,000 2,000 4,000
Metres

1:105,000

North American 1983 CSRS UTM Zone 17N

Basemap Source: Province of Ontario, Esri Canada, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, USDA, NRCan, Parks Canada

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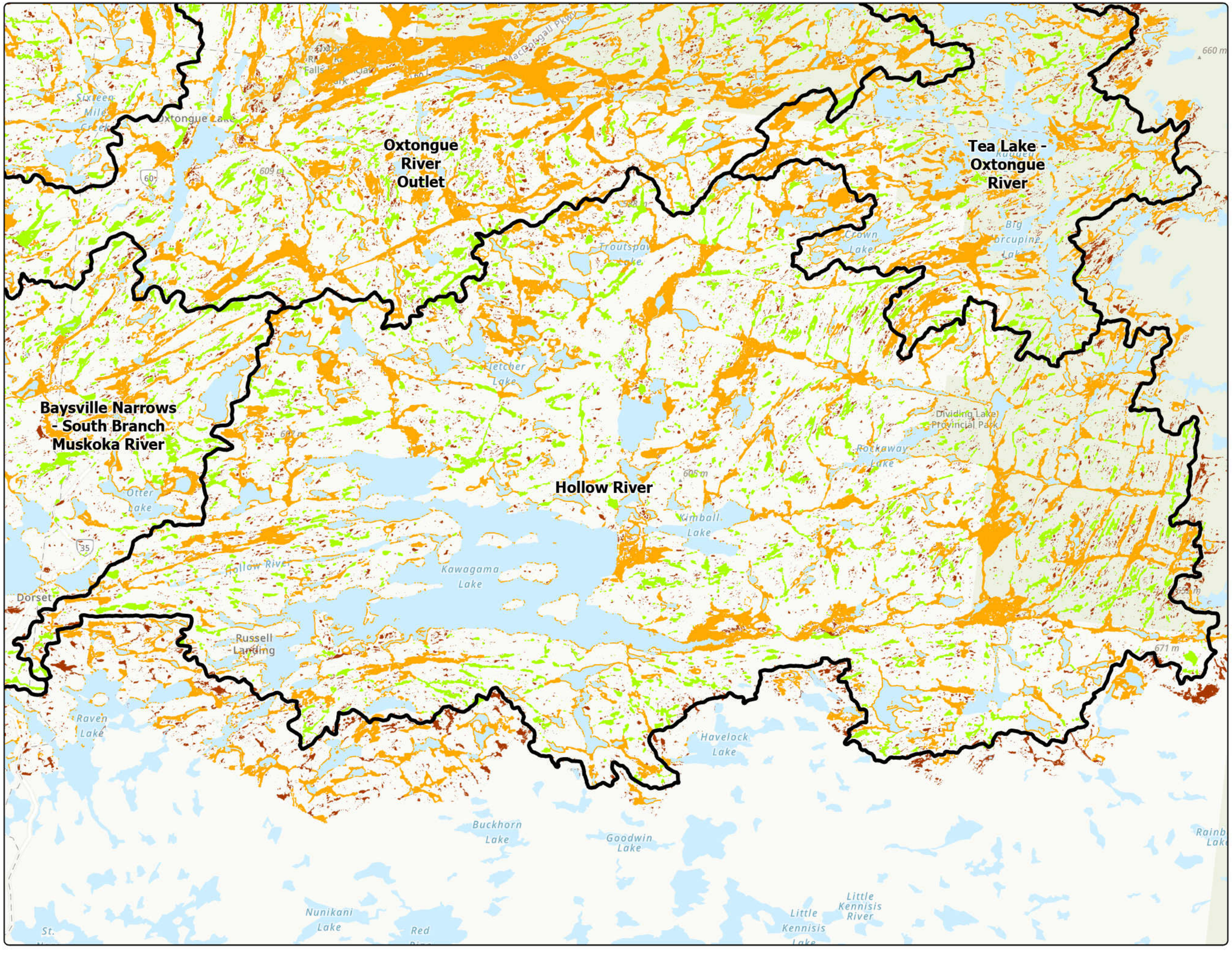

Map 6-4: Wetland Flood Attenuation Hollow River

Muskoka River Watershed IWM - Natural Capital Inventory

Wetland Type

- Isolated
- Riverine / Lacustrine
- Palustrine

Quaternary Watersheds

0 1,000 2,000 4,000

Metres

1:109,000

North American 1983 CSRS UTM Zone 17N

Basemap Source: Province of Ontario, Esri Canada, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, USDA, NRCan, Parks Canada

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DATE: 16, December 2022

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Map 6-5: Wetland Flood Attenuation
Lake Muskoka - Muskoka River

Muskoka River Watershed IWM - Natural Capital Inventory

Wetland Type

- Isolated
- Riverine / Lacustrine
- Palustrine

Quaternary Watersheds

0 1,250 2,500 5,000
Metres

1:142,000

North American 1983 CSRS UTM Zone 17N

Basemap Source: Province of Ontario, Esri Canada, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, USDA, NRCan, Parks Canada

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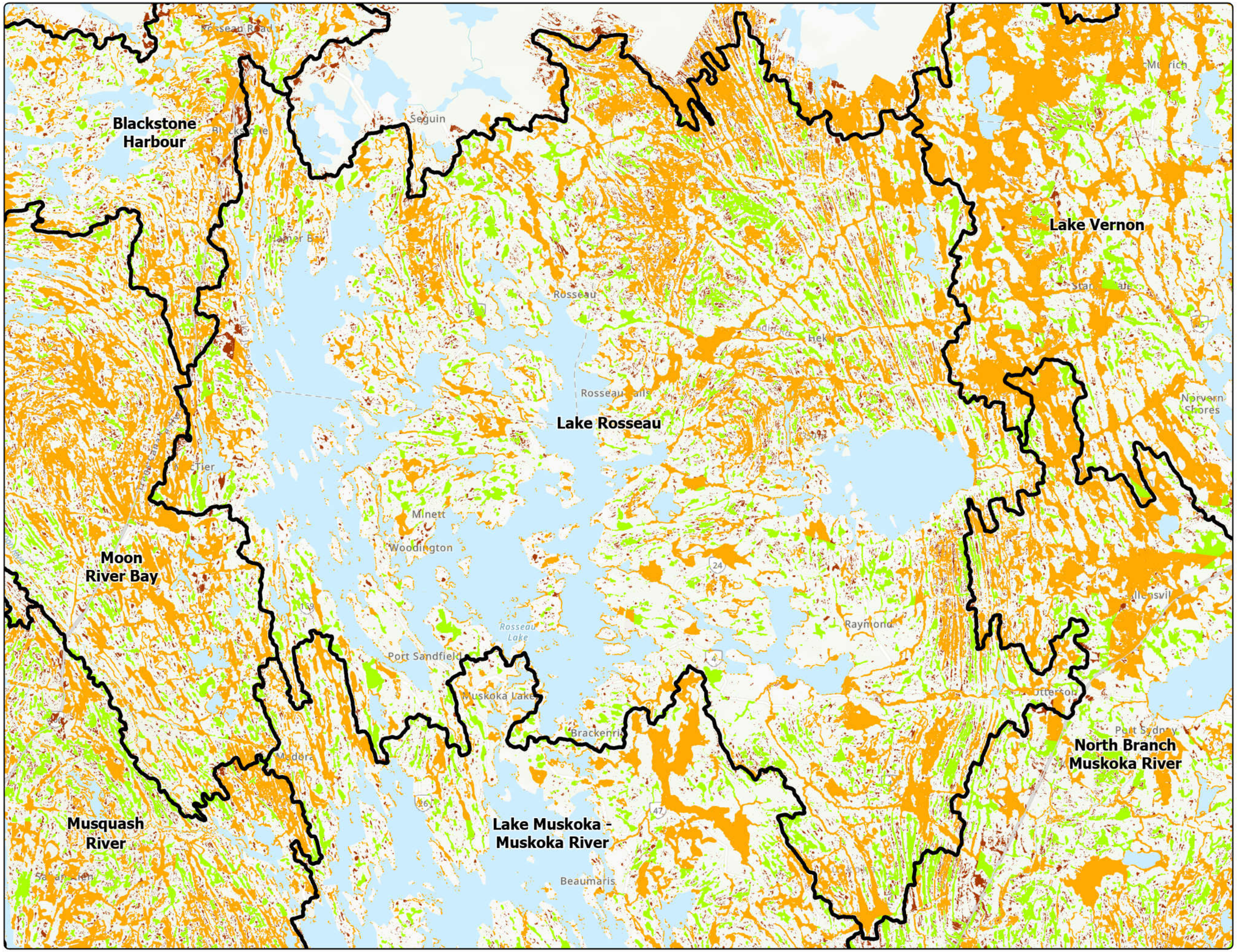

Map 6-6: Wetland Flood Attenuation Lake Rosseau

Muskoka River Watershed IWM - Natural Capital Inventory

Wetland Type

- Isolated
- Riverine / Lacustrine
- Palustrine

Quaternary Watersheds

0 1,250 2,500 5,000

Metres

1:145,000

North American 1983 CSRS UTM Zone 17N

Basemap Source: Province of Ontario, Esri Canada, Esri, HERE, Garmin, SafeGraph, METI/NASA, USGS, EPA, NPS, USDA, NRCan, Parks Canada

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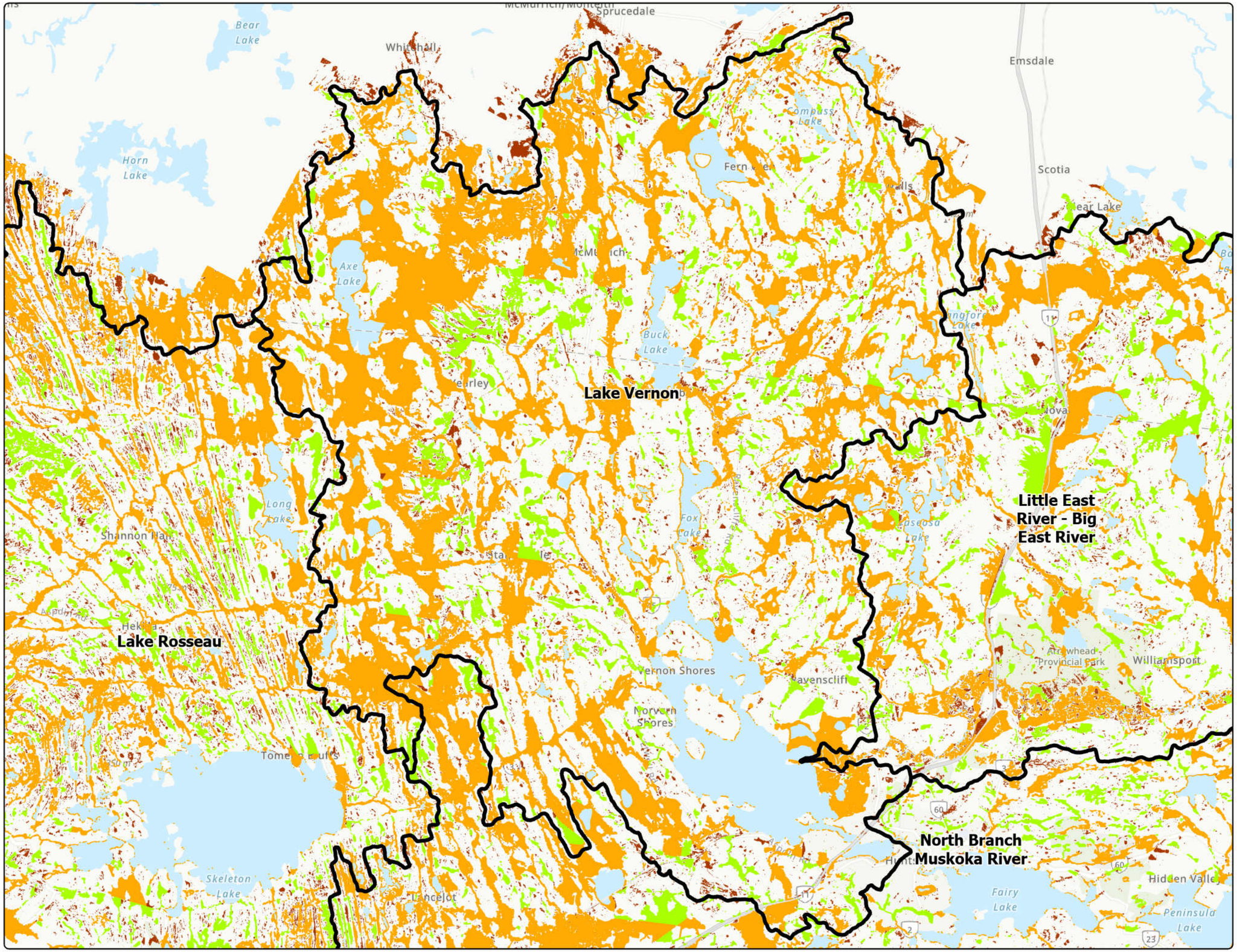

Map 6-7: Wetland Flood Attenuation Lake Vernon

Muskoka River Watershed IWM - Natural Capital Inventory

Wetland Type

- Isolated
- Riverine / Lacustrine
- Palustrine

Quaternary Watersheds

0 1,000 2,000 4,000

Metres

1:106,000

North American 1983 CSRS UTM Zone 17N

Basemap Source: Province of Ontario, Esri Canada, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, USDA, NRCan, Parks Canada

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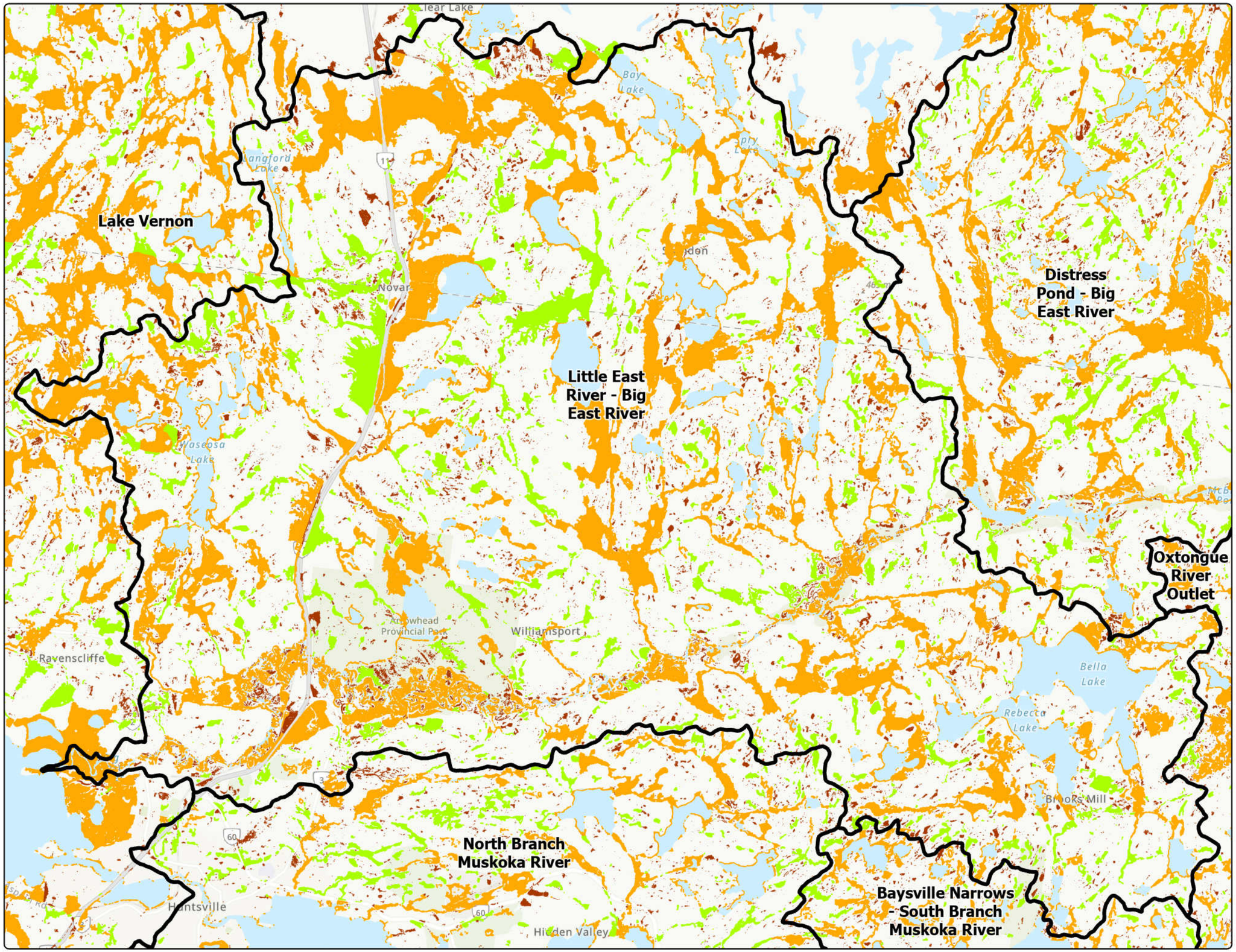

Map 6-8: Wetland Flood Attenuation
Little East River - Big East River

Muskoka River Watershed IWM - Natural Capital Inventory

Wetland Type
- Isolated
- Riverine / Lacustrine
- Palustrine

Quaternary Watersheds

0 500 1,000 2,000
Metres

1:77,000

North American 1983 CSRS UTM Zone 17N

Basemap Source: Province of Ontario, Esri Canada, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, USDA, NRCan, Parks Canada

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DRAWN BY: J. Sauder

Map 6-9: Wetland Flood Attenuation Moon River Bay

Muskoka River Watershed IWM - Natural Capital Inventory

Blackstone Harbour

Moon River Bay

Lake Rosseau

Musquash River

Lake Muskoka - Muskoka River

Wetland Type

- Isolated
- Riverine / Lacustrine
- Palustrine

Quaternary Watersheds

0 500 1,000 2,000

Metres

1:97,000

North American 1983 CSRS UTM Zone 17N

Basemap Source: Province of Ontario, Esri Canada, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, USDA, NRCan, Parks Canada

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DRAWN BY: J. Sauder

Map 6-10: Wetland Flood Attenuation Musquash River

Muskoka River Watershed IWM - Natural Capital Inventory

Wetland Type

- Isolated
- Riverine / Lacustrine
- Palustrine

Quaternary Watersheds

0 1,000 2,000 4,000
Metres

1:127,000

North American 1983 CSRS UTM Zone 17N

Basemap Source: Province of Ontario, Esri Canada, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, USDA, NRCan, Parks Canada

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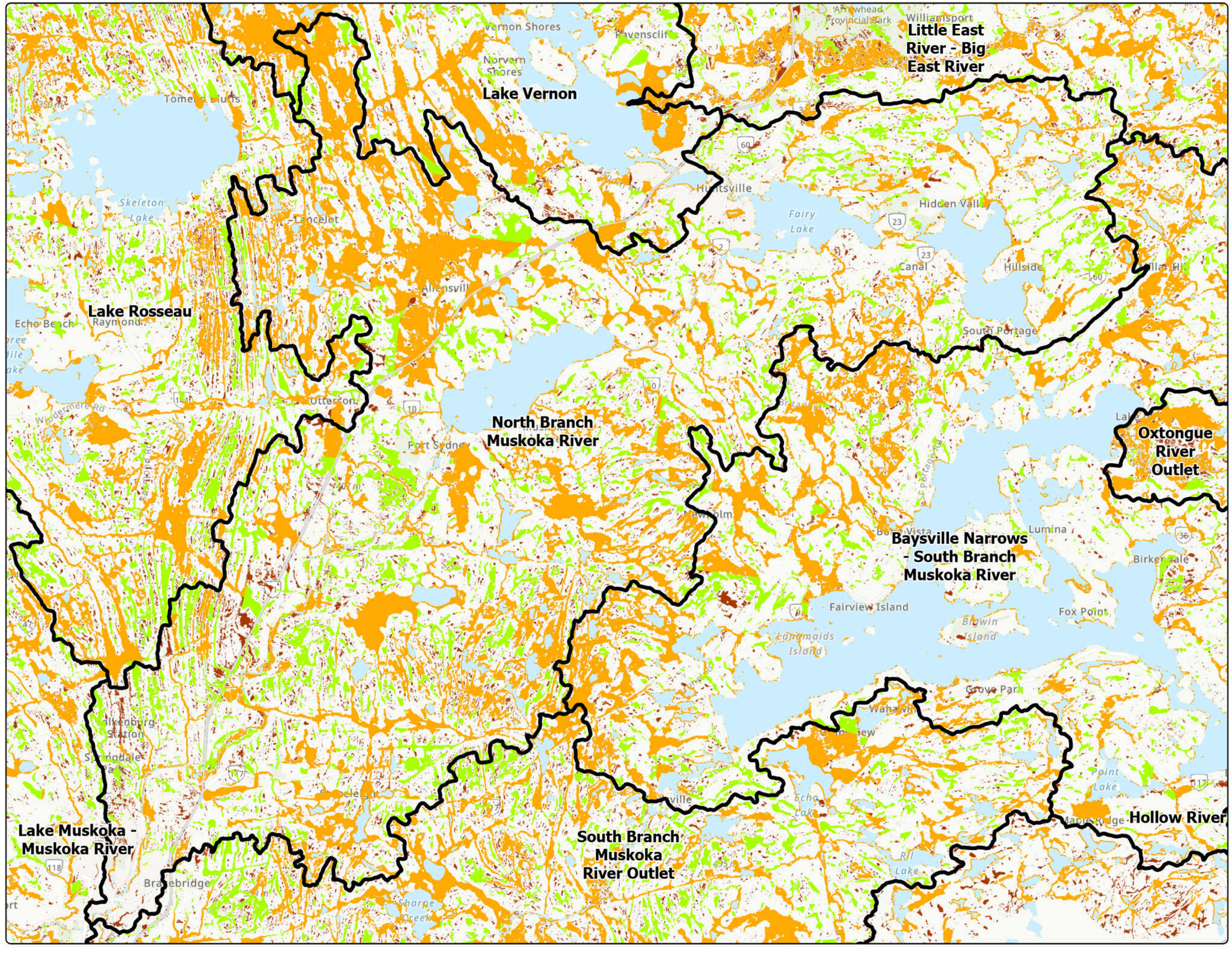

Map 6-11: Wetland Flood Attenuation
North Branch Muskoka River

Muskoka River Watershed IWM - Natural Capital Inventory

Wetland Type
- Isolated
- Riverine / Lacustrine
- Palustrine

Quaternary Watersheds

0 1,000 2,000 4,000
Metres

1:124,000

North American 1983 CSRS UTM Zone 17N

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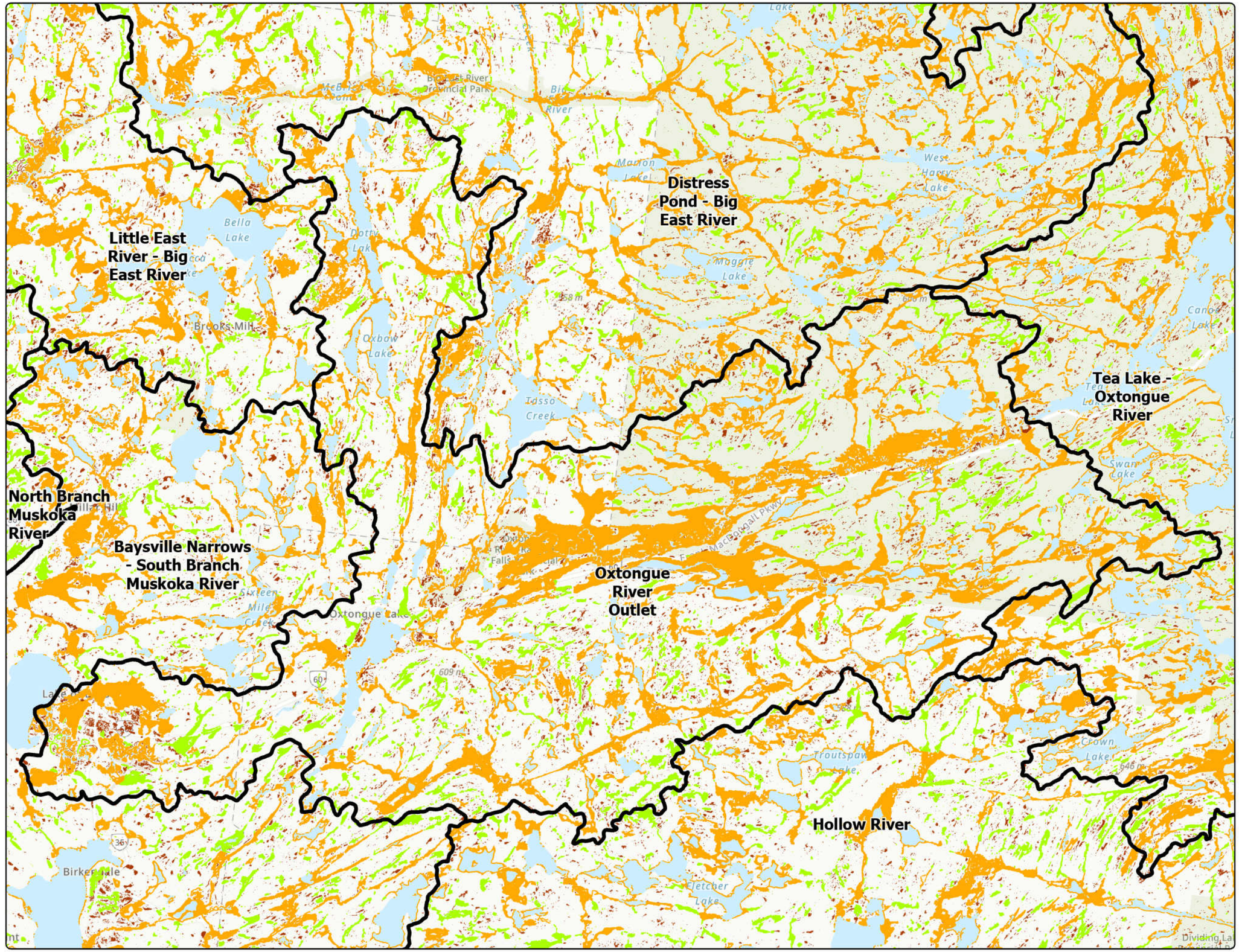

Map 6-12: Wetland Flood Attenuation
Oxtongue River Outlet

Muskoka River Watershed IWM - Natural Capital Inventory

Wetland Type
- Isolated
- Riverine / Lacustrine
- Palustrine

Quaternary Watersheds

0 500 1,000 2,000
Metres

1:100,000

North American 1983 CSRS UTM Zone 17N

Basemap Source: Province of Ontario, Esri Canada, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, USDA, NRCan, Parks Canada

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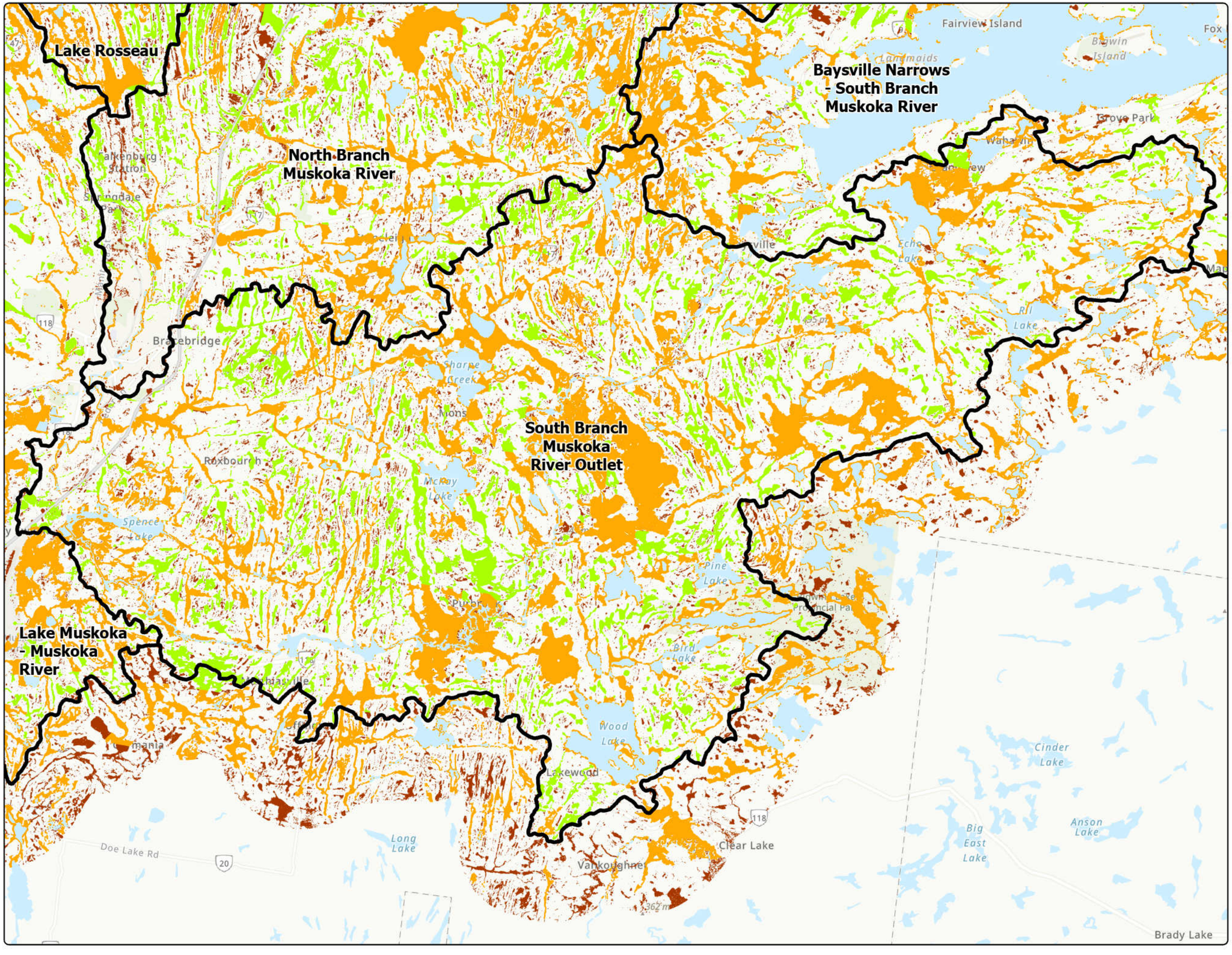

Map 6-13: Wetland Flood Attenuation South Branch Muskoka River Outlet

Muskoka River Watershed IWM -

Wetland Type

- Isolated
- Riverine / Lacustrine
- Palustrine

Quaternary Watersheds

0 1,000 2,000 4,000

Metres

1:108,000

North American 1983 CSRS UTM Zone 17N

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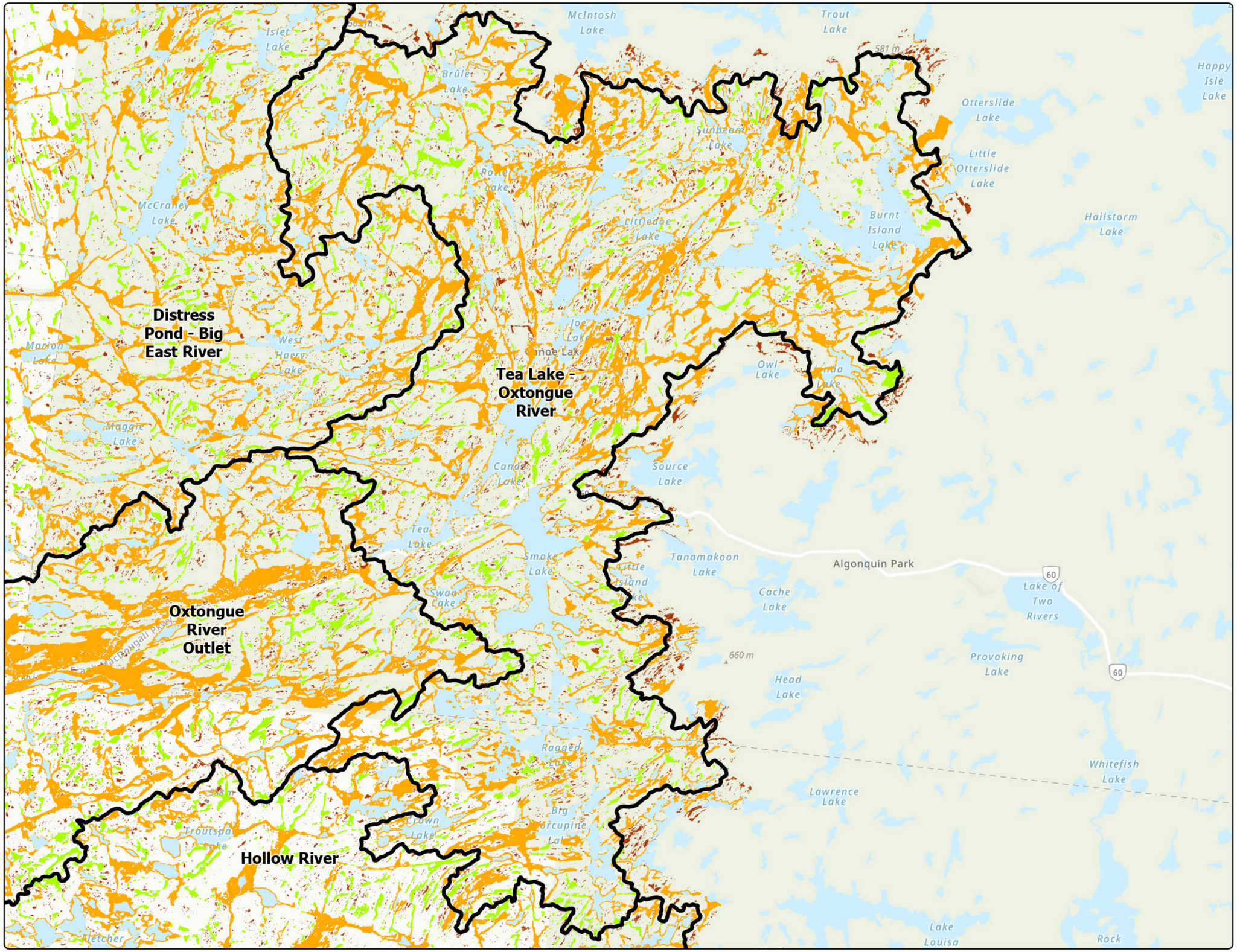

Map 6-14: Wetland Flood Attenuation
Tea Lake - Oxtongue River

Muskoka River Watershed IWM - Natural Capital Inventory

Wetland Type
- Isolated
- Riverine / Lacustrine
- Palustrine

Quaternary Watersheds

0 1,000 2,000 4,000
Metres

1:122,000

North American 1983 CSRS UTM Zone 17N

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