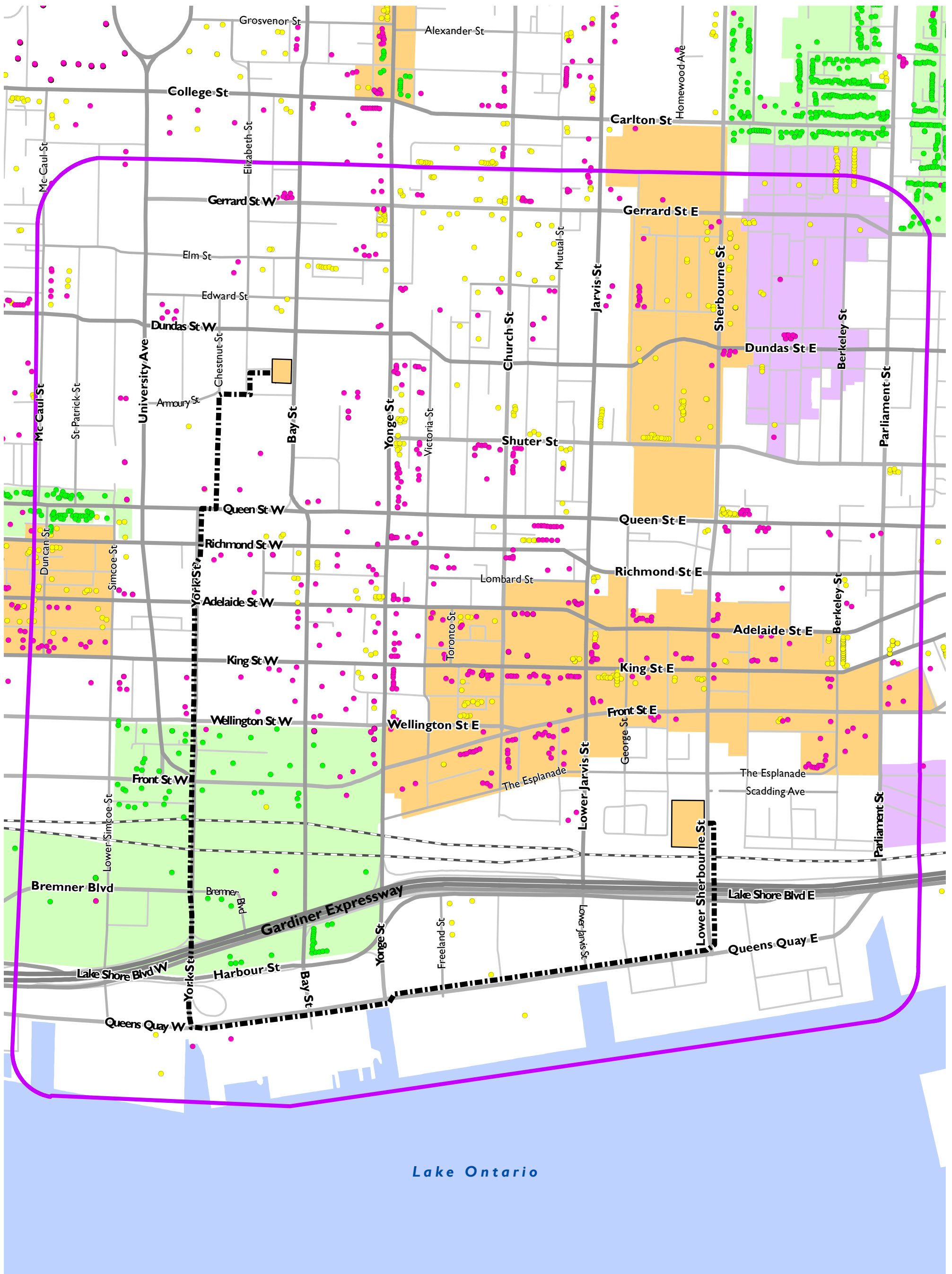


Appendix D Environmental Inventory Figures and Tables

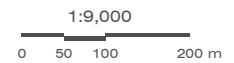


**POWER DOWNTOWN TORONTO
APPENDIX D1
HERITAGE PROPERTIES
& DISTRICTS**



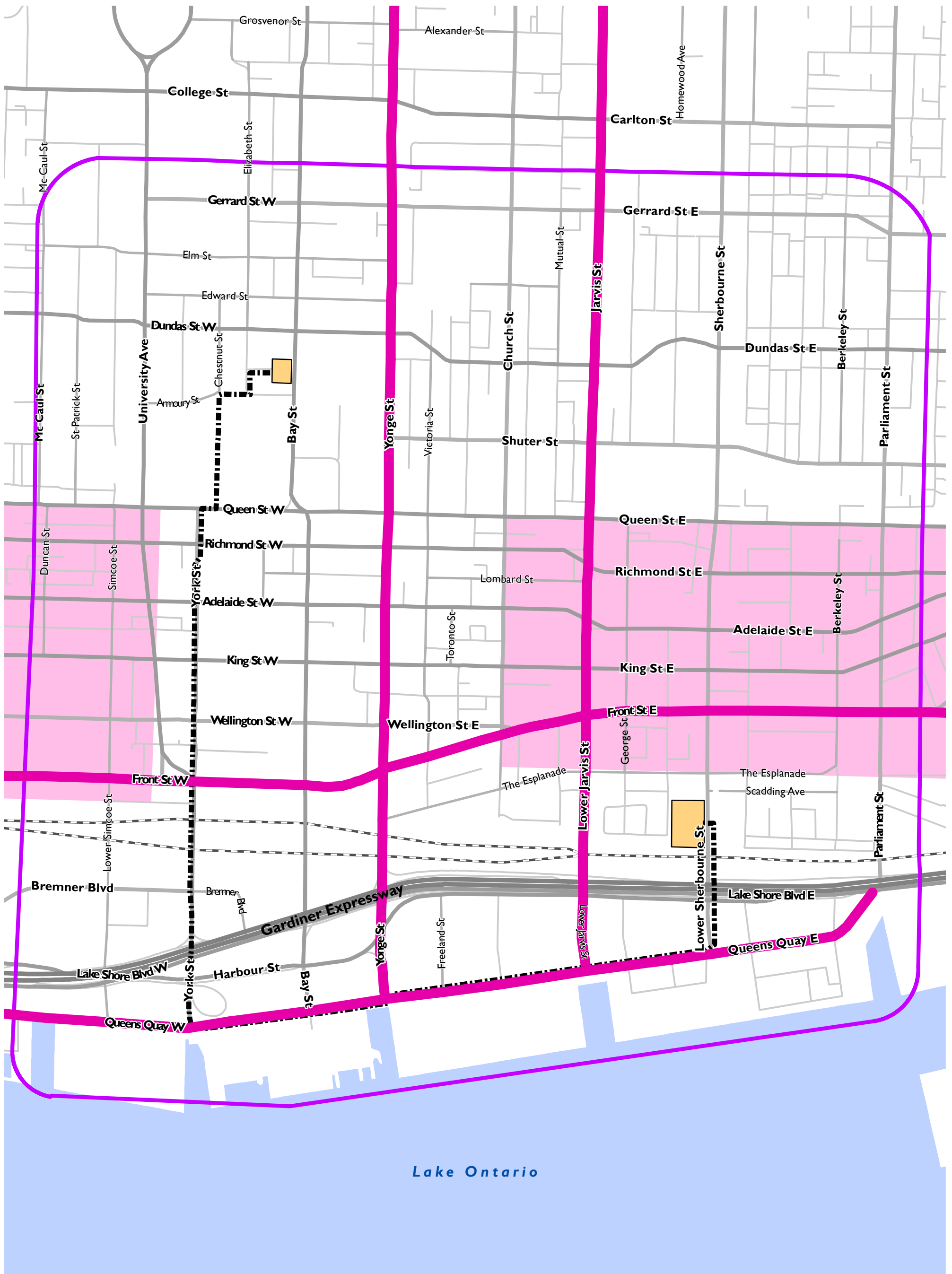
Partners in Powerful Communities

- Refined Study Area
- Existing Underground Cable Route to be Replaced
- Transformer Station (TS)
- Heritage Register**
 - Listed
 - Designated under Part IV of the Heritage Act
 - Part of a Heritage Conservation District
- Heritage District**
 - Designated District
 - Under Appeal
 - Under Study



MAP DRAWING INFORMATION:
DATA PROVIDED BY CITY OF TORONTO, MNR

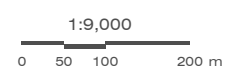
DATE: 2020-03-12



**POWER DOWNTOWN TORONTO
APPENDIX D2
CULTURAL PRECINCTS
AND CORRIDORS**



- Refined Study Area
- Existing Underground Cable Route to be Replaced
- Transformer Station (TS)
- Cultural Precinct
- Cultural Corridor







MAP DRAWING INFORMATION:
DATA PROVIDED BY CITY OF TORONTO, MNR

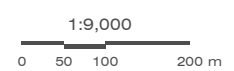
DATE: 2020-03-12



**POWER DOWNTOWN TORONTO
APPENDIX D3
AREAS OF ARCHAEOLOGICAL
POTENTIAL**

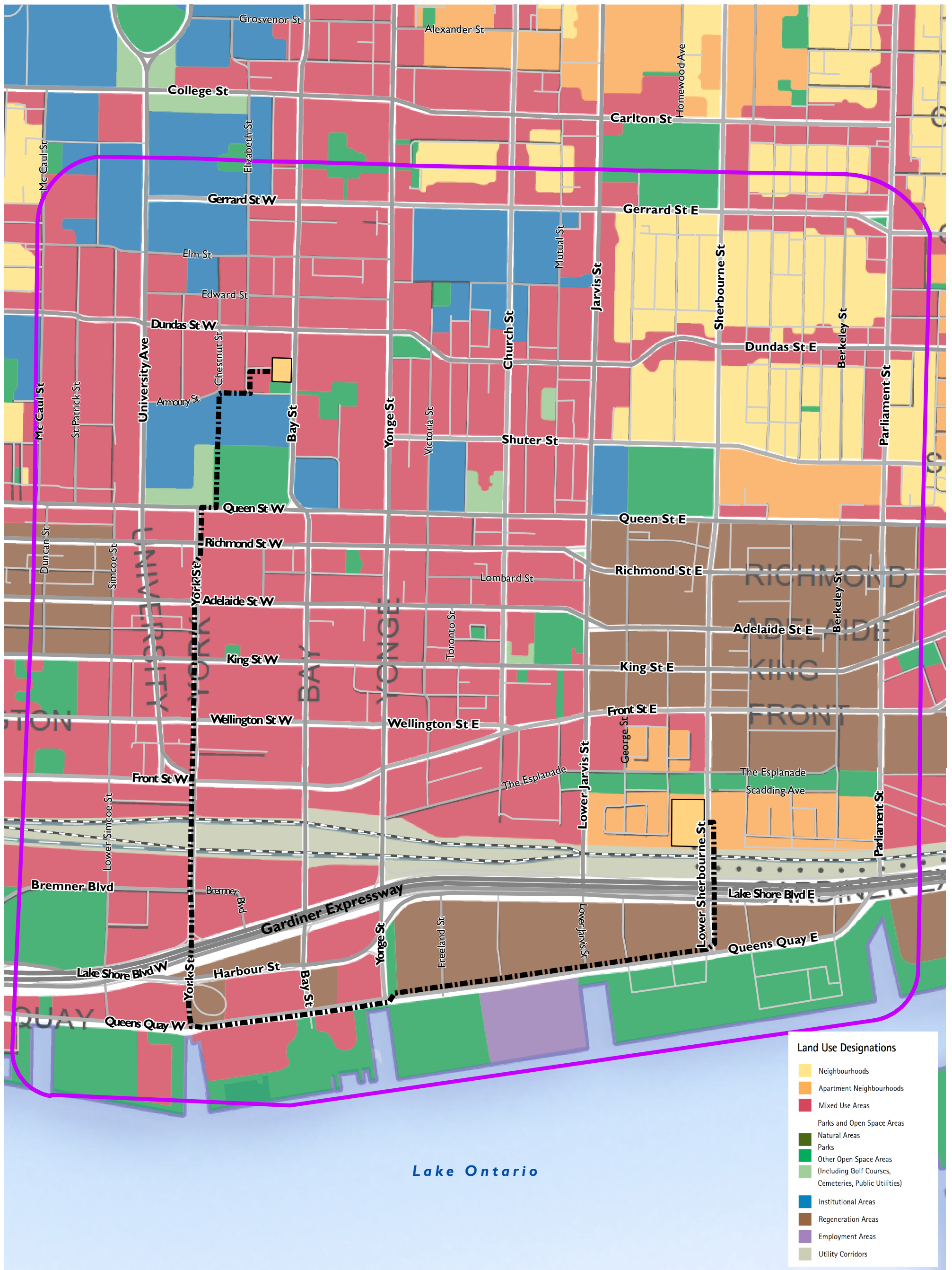


-  Refined Study Area
-  Existing Underground Cable Route to be Replaced
-  Transformer Station (TS)
-  Archaeological Potential



APPENDIX D4 : Ward Profiles (City of Toronto, 2018)

Ward	Ward Population	Largest Age Cohorts	Number of Households	Average Household Income
Ward 10 Spadina-Fort York	115,510	25-44	67,930	\$103,047
Ward 11 University - Rosedale	104,310	25-44	51,210	\$170,832
Ward 13 Toronto Center	103,805	25-44	58,510	\$75,382

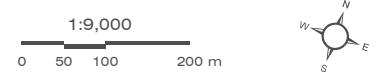


Land Use Designations

- Neighbourhoods
- Apartment Neighbourhoods
- Mixed Use Areas
- Parks and Open Space Areas
- Natural Areas
- Parks
- Other Open Space Areas
(Including Golf Courses, Cemeteries, Public Utilities)
- Institutional Areas
- Regeneration Areas
- Employment Areas
- Utility Corridors

- Refined Study Area
- Existing Underground Cable Route to be Replaced
- Transformer Station (TS)

**POWER DOWNTOWN TORONTO
APPENDIX D5
LAND USE DESIGNATIONS IN
THE STUDY AREA**









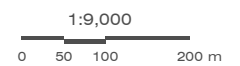


**POWER DOWNTOWN TORONTO
APPENDIX D6
TRANSPORTATION IN THE
STUDY AREA**



Partners in Powerful Communities

-  Refined Study Area
-  Existing Underground Cable Route to be Replaced
-  Transformer Station (TS)
-  Cycling Network
-  Existing Subway Route
-  Existing Street Car Route

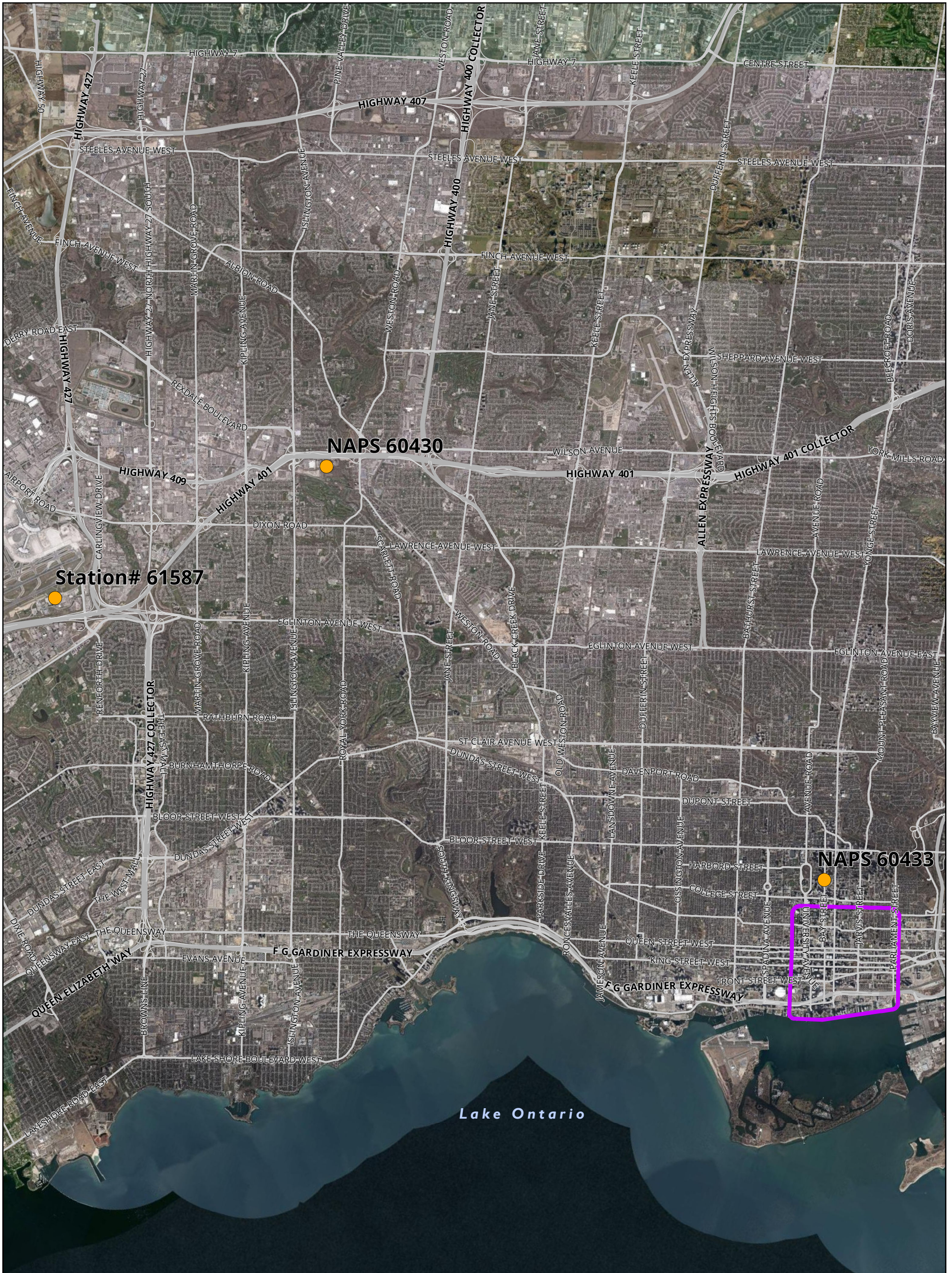


MAP DRAWING INFORMATION:
DATA PROVIDED BY CITY OF TORONTO, MNR

DATE: 2020-04-09

Appendix D7: ECCC NAPS Station Summary

Indicator Compounds	Station ID	Data Range
NOX	60433	2015 - 2017
NO ²	60433	2015 - 2017
CO	60430	2015 - 2017
SO ²	60430	2015 - 2017
TSP	NA	NA
PM ¹⁰	NA	NA
PM ^{2.5}	60433	2015 - 2017



**POWER DOWNTOWN TORONTO
APPENDIX D8
NATIONAL AIR POLLUTION
SURVEILLANCE PROGRAM
(NAPS) AND MECP STATION
LOCATIONS**

- Refined Study Area
- National Air Pollution Surveillance Program Station

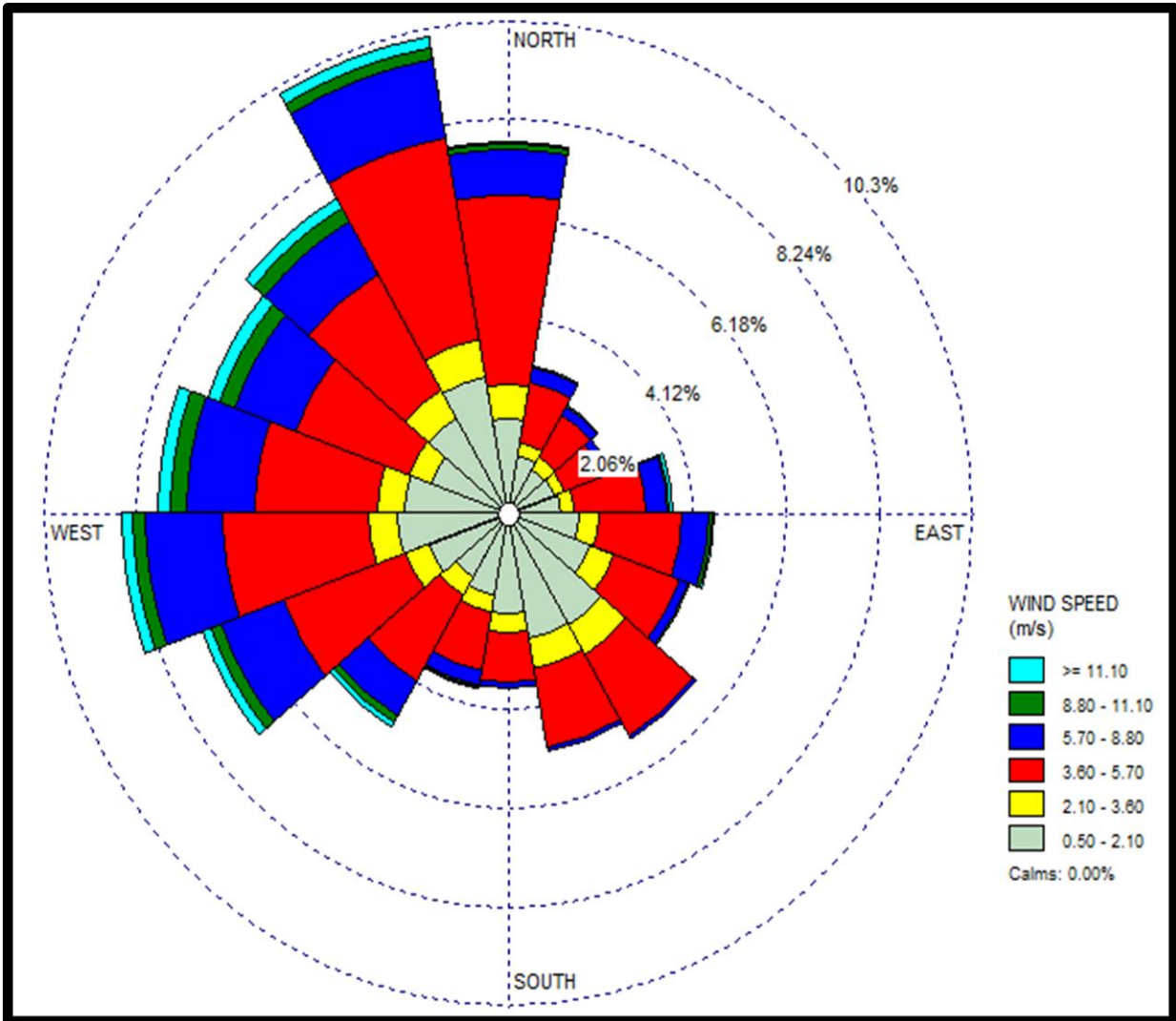


Partners in Powerful Communities



MAP DRAWING INFORMATION:
DATA PROVIDED BY CITY OF TORONTO, MNRF

DATE: 2020-04-08



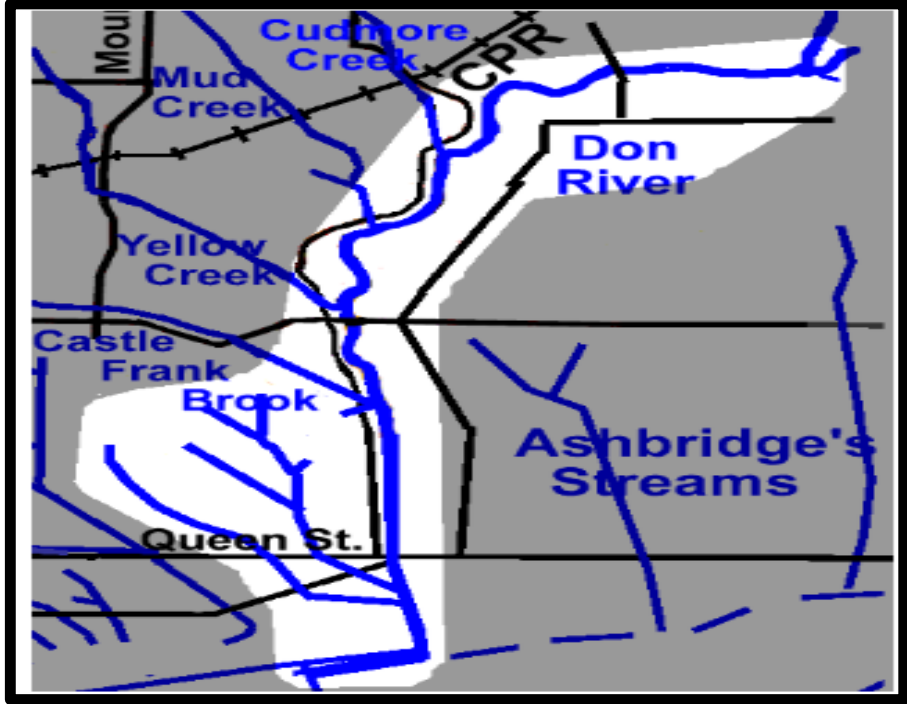
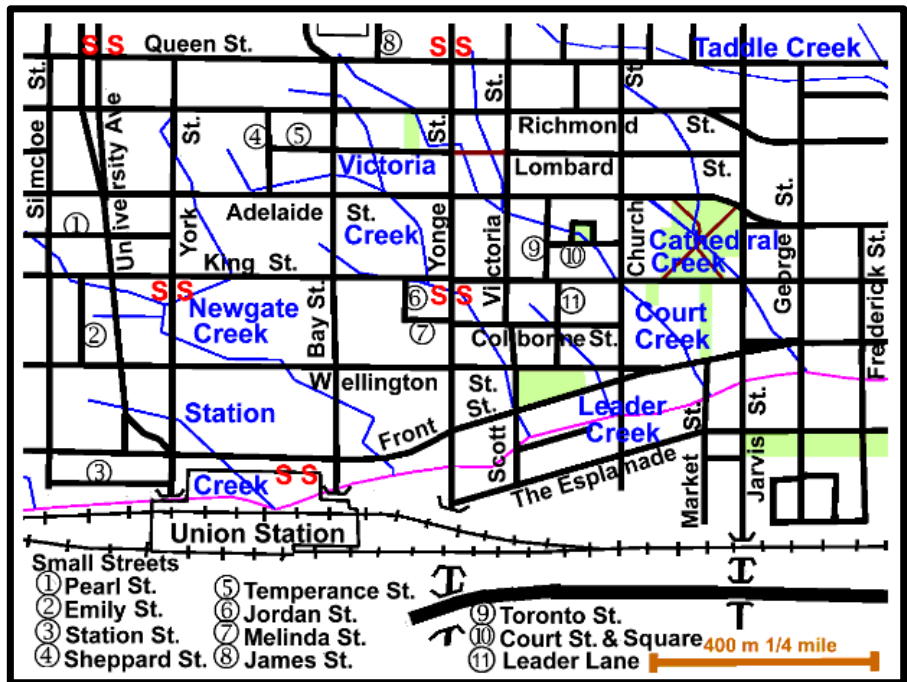
APPENDIX D9: Wind Speed Direction (Blowing From) for Toronto Station #61587 (1996-2000)

Appendix D10: Background Air Quality Concentrations

Contaminant	Averaging Period	Background Air Quality Concentration [ug/m3]	Criteria/Objective [ug/m3]	Criteria/Objective Reference	Percent of Criteria/Objective
NO ²	24 hr	38.81	200	AAQC	19.4%
	1 hr	47.04	400	AAQC	11.8%
	1 hr	47.04	112.8	CAAQS 2020(2)	41.7%
	Annual	25.08	31.96	CAAQS 2020(2)	78.5%
	1 hr	47.04	78.96	CAAQS 2025(3)	59.6%
	Annual	25.08	22.56	CAAQS 2025(3)	111.2%
NOX	24 hr	48.61	200	O. Reg. 419/05	24.3%
	1 hr	56.45	400	O. Reg. 419/05	14.1%
CO	0.5 hr	412.42	6,000	O. Reg. 419/05	6.9%
	1 hr	412.42	36,200	AAQC	1.1%
	8 hr	584.26	15,700	AAQC	3.7%
SO ² (1)	24 hr	3.57	275	O. Reg. 419/05	1.3%
	1 hr	2.62	690	O. Reg. 419/05	0.4%
	1 hr	2.62	100	O. Reg. 419/05 future(4)	2.6%
	Annual	2.68	55	O. Reg. 419/05	4.9%
	Annual	2.68	10	O. Reg. 419/05 future(4)	26.8%
TSP	24 hr	45.69	120	O. Reg. 419/05, AAQC	38.1%
	Annual	27.93	60	AAQC	46.5%
PM ¹⁰	24 hr	25.39	50	AAQC	50.8%
PM ^{2.5}	24 hr	13.71	30	AAQC	45.7%
	24 hr	13.71	28	CAAQS	49.0%
	24 hr	13.71	27	CAAQS 2020(2)	50.8%
	Annual	8.38	10	CAAQS	83.8%
	Annual	8.38	8.8	CAAQS 2020(2)	95.2%

Notes:

- (1) Data resolution for SO² changed in 2017, as such results incorporate data of varying resolutions between 2015-2017
- (2) CAAQS effective year of 2020
- (3) CAAQS effective year of 2025
- (4) O.Reg. 419/05 future criteria with an effective date of July 1, 2023



APPENDIX D11: Approximate location of the Lost Rivers and the Don River (Lostrivers.ca)