



The Regional Municipality of Durham COUNCIL INFORMATION PACKAGE

Friday, September 13, 2024

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Members of Council – Please advise the Regional Clerk at clerks@durham.ca, if you wish to pull an item from this CIP and include on the next regular agenda of the appropriate Standing Committee. Items will be added to the agenda if the Regional Clerk is advised not later than noon the day prior to the meeting, otherwise the item will be included on the agenda for the next regularly scheduled meeting of the applicable Committee.

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The Regional Municipality of Durham Information Report

From: Commissioner of Works
Report: #2024-INFO-55
Date: September 13, 2024

Subject:

Durham York Energy Centre 2024 Compliance Source Test Update

Recommendation:

Receive for information.

Report:

1. Purpose

1.1 The purpose of this report is to provide an update on the 2024 Compliance Source Test results at the Durham York Energy Centre (DYEC).

2. Background

2.1 As required by the DYEC Environmental Compliance Approval (ECA), the Owners are to perform an annual Compliance Source Test in accordance with the procedures and schedules outlined in Schedule "E" of the ECA. The Compliance Source Test measures the rate of emission of the test contaminants from the stack.

3. Compliance Source Test

3.1 The Compliance Source Test was conducted between March 18, 2024, to March 21, 2024, for all test contaminants on Boiler 1 and Boiler 2.

3.2 The results summary of the Compliance Source Test demonstrated that all emissions were within the limits detailed in the ECA (Attachment #1).

- 3.3 The full Compliance Source Test Report was sent to the Ministry of Environment, Conservation and Parks (MECP) and subsequently posted to the project website.
- 3.4 The DYEC emissions dispersion was modeled utilizing the Compliance Source Test data and the MECP approved CALPUFF model. The results of the contaminant concentrations at the maximum point of impingement were then compared to the limits within the Ontario Regulation 419/05 Air Pollution – Local Air Quality which are set to be protective of human health and the environment.
- 3.5 All of the calculated impingement concentrations were well below the regulatory limits.

4. Owners' Consultant Reviews

- 4.1 Stantec, the Source Test peer reviewer, provided their Final Report (Attachment #2) to the Region on August 15, 2024. Stantec's report concluded:

“Stantec is satisfied that the conduct of the source testing, the analytical analysis, and the analytical calculations were carried out in a professional manner and followed all relevant guidelines, protocols, and best practices.”

“Stantec is satisfied that the modelling was completed in accordance with the facility's ECA (Condition 6.1 and Schedule B), as well as O. Reg. 419/05.”

- 4.2 HDR personnel were also present during the Source Tests. In their report (Attachment #3) HDR provided the following conclusion:

“HDR observed ORTECH following the approved stack sampling procedures and test methods. HDR also observed ReWorld's plant personnel operating the DYEC under normal operating conditions and in accordance with acceptable industry operating standards. Based on the results summarized in ORTECH's test report (dated May 16, 2024), the air emission results of the Spring 2024 Compliance Test demonstrated that the DYEC operated below the ECA's Schedule “C” limits.”

5. Continued Demonstrated Performance

- 5.1 DYEC demonstrates consistent performance with the appropriate controls and monitoring in place which provide a level of safety and protection to human health and the environment.

- 5.2 The results of testing completed from 2019-2024 are presented in Attachment 4. The data presented indicates that the DYEC has consistently demonstrated that it operates safely and effectively within the ECA Schedule "C" limits.
- 5.3 A table comparison of the latest source testing results against the ECA limits and A-7 guideline is presented in Attachment #5 which shows DYEC consistently operates and performs below regulatory limits.

6. Conclusion

- 6.1 The Owners' technical consultants and peer reviewers have confirmed that the Compliance Source Test was conducted in accordance with the Ministry of the Environment, Conservation and Parks' guidelines.
- 6.2 All results of the Compliance Source Test were below the concentration limits prescribed in Schedule C of the Environmental Compliance Approval.
- 6.3 Using CALPUFF dispersion modeling techniques, the predicted maximum point of impingement concentrations, based on the average test results for both boilers, show Durham York Energy Centre to be operating well below all current standards in Regulation 419/05 under the Environmental Protection Act and other Ministry of the Environment, Conservation and Parks criteria including guidelines and upper-risk thresholds.

7. Attachments

- Attachment 1: Compliance Source Test Results Summary
- Attachment 2: Stantec 2024 Compliance Source Test Final Report
- Attachment 3: HDR Inc. 2024 Compliance Source Test Technical Memorandum
- Attachment 4: Source Test Results 2019-2024
- Attachment 5: Comparison Table: 2024 Compliance Source Test Results Compared to ECA limits and Ontario A-7 Guideline

Respectfully submitted,

Original signed by:

Ramesh Jagannathan, MBA, M.Eng., P.Eng., PTOE
Commissioner of Works

EXECUTIVE SUMMARY

ORTECH Consulting Alliance Inc. (ORTECH) completed the annual compliance emission testing program at the Durham York Energy Centre (DYEC) located in Courtice, Ontario between March 18 and March 21, 2024. The emission testing program was performed to satisfy the requirements of the Ontario Ministry of the Environment, Conservation and Parks (MECP) Amended Environmental Compliance Approval (ECA) No. 7306-8FDKNX. Section 7(1) of the ECA states that “the owner shall perform annual source testing, in accordance with the procedures and schedule outlined in the attached Schedule E, to determine the rates of emissions of the test contaminants from the stack. The program shall be conducted not later than six months after the commencement date of operation of the facility/equipment and subsequent source testing programs shall be conducted once every calendar year thereafter”. A list of the test programs conducted by ORTECH to date is provided below:

Test Program	Test Date	ORTECH Report No.
2015 Compliance	September/October 2015	21546
2016 Voluntary	May 2016	21656
2016 Compliance	October/November 2016	21698
2017 Voluntary	May 2017	21754
2017 Compliance	October 2017	21800
2018 Voluntary	May/June 2018	21840
2018 Compliance	September 2018	21880
2019 Voluntary	June 2019	21936
2019 Compliance	September 2019	21960
2020 Voluntary	June 2020	22001
2020 Compliance	November 2020	22050
2021 Voluntary	June 2021	22081
2021 Compliance	November/December 2021	22085
2022 Voluntary	May 2022	22158
2022 Compliance	November/December 2022	22160
2023 Voluntary	April 2023	22230
2023 Compliance	September/October 2023	22235
2024 Compliance	March 2024	22327

Source testing was performed on the Baghouse (BH) Outlet of Boiler No. 1 and BH Outlet of Boiler No. 2 for the test contaminants listed in Schedule D of the ECA.

Triplicate emission tests were completed for particulate matter, metals, semi-volatile organic compounds, acid gases, volatile organic compounds, aldehydes and combustion gases at the BH Outlet of each Boiler. Triplicate emission tests were also completed for total hydrocarbons at the Quench Inlet of each Boiler. The contaminant groups included in the emission test program and the reference test methods used are summarized below:

Test Groups	Reference Method
Particulate and Metals	US EPA Method 29
PM _{2.5} /PM ₁₀ and Condensable Particulate	US EPA Methods 201A and 202
Semi-Volatile Organic Compounds	Environment Canada Method EPS 1/RM/2
Volatile Organic Compounds	US EPA SW-846 Method 0030 (SLO VOST modification)
Aldehydes	NCASI Method ISS/FP-A105.01
Halides and Ammonia	US EPA Method 26A
Combustion Gases:	
Oxygen and Carbon Dioxide	Facility CEM
Carbon Monoxide	Facility CEM
Sulphur Dioxide	Facility CEM
Nitrogen Oxides	Facility CEM
Total Hydrocarbons	ORTECH per US EPA Method 25A

Schedule C of ECA No. 7306-8FDKNX lists in-stack limits for the emissions of various compounds. In- stack emissions limits are given for particulate matter, mercury, cadmium, lead, dioxins and furans and organic matter for comparison with the results from compliance source testing. In-stack emission limits are also given for hydrochloric acid, sulphur dioxide, nitrogen oxides and carbon monoxide calculated as the rolling arithmetic average of data measured by a continuous emission monitoring system (CEMS).

Since relative accuracy and system bias testing was conducted in August 2023, the data recorded by the DYEC CEMS was used to assess against the in-stack emissions limits detailed in Schedule C of the ECA for hydrochloric acid, sulphur dioxide, nitrogen oxides and carbon monoxide. Note the DYEC CEMS data for the days when isokinetic testing was performed at each unit (March 18 to March 21, 2024) was used to determine the minimum, average and maximum concentrations of the combustion gases listed in the ECA. Concentration data measured by ORTECH on March 19, 2024 was used to assess against the total hydrocarbons (organic matter) in-stack emissions limit detailed in Schedule C of the ECA.

Consistent with the approach commonly required by the MECP for compliance emission testing programs, the following results are conservative in the sense that when the analytical result is reported to be below the detection limit, the full detection limit is used to calculate emission data and is shown by a “<” symbol. Also, when one or both Boiler results are reported to be below the detection limit, the detection limit was used to conservatively estimate the total emission rate for the Main Stack.

The MECP “Summary of Standards and Guidelines to Support Ontario Regulation 419/05 – Air Pollution – Local Air Quality”, dated April 2012, provides an updated framework for calculating dioxin and furan toxicity equivalent concentrations which includes emission data for 12 dioxin-like PCBs. This document was replaced by “Air Contaminants Benchmarks List: standards, guidelines and screening levels for assessing point of impingement concentrations of air contaminants”, however the dioxin and furan toxicity equivalent calculation methodology remains the same. The dioxins, furans and dioxin-like PCBs toxicity equivalent emission data was also calculated using half the detection limit for those compounds not detected. The half detection limit data was used to assess against the dispersion modelling Point of Impingement limit. The toxicity equivalent concentrations calculated using the full detection limit, for those compounds less than the reportable detection limit, were used to assess against the in-stack limit detailed in Schedule C of the ECA.

The average results for the tests conducted at Boiler No. 1, along with the respective in-stack emission limits, are summarized in the following table:

Parameter	Test No. 1	Test No. 2	Test No. 3	Average	In-Stack Limit
Total Power Output (MWh/day)*	-	-	-	388	-
Average Combustion Zone Temp. (□C)*	-	-	-	1222	-
Steam (tonnes/day)*	-	-	-	794	-
MSW Combusted (tonnes/day)*	-	-	-	223	-
NO _x Reagent Injection Rate (liters/day)*	-	-	-	1362	-
Carbon Injection (kg/day)*	-	-	-	128	-
Lime Injection (kg/day)*	-	-	-	3550	-
Filterable Particulate (mg/Rm ³) ⁽¹⁾	1.58	0.84	1.52	1.31	9
PM ₁₀ with Condensable (mg/Rm ³) ⁽¹⁾	6.06	<6.26	<6.30	<6.21	-
PM _{2.5} with Condensable (mg/Rm ³) ⁽¹⁾	5.99	<5.98	<6.10	<6.02	-
Hydrogen Fluoride (mg/Rm ³) ⁽¹⁾	<0.090	<0.089	<0.10	<0.093	-
Ammonia (mg/Rm ³) ⁽¹⁾	0.47	0.69	0.58	0.58	-
Cadmium (µg/Rm ³) ⁽¹⁾	0.088	0.16	<0.019	<0.090	7
Lead (µg/Rm ³) ⁽¹⁾	0.51	0.26	0.15	0.31	50
Mercury (µg/Rm ³) ⁽¹⁾	<0.098	0.067	0.32	<0.16	15
Antimony (µg/Rm ³) ⁽¹⁾	0.069	<0.044	<0.039	<0.051	-
Arsenic (µg/Rm ³) ⁽¹⁾	<0.044	<0.044	<0.039	<0.042	-
Barium (µg/Rm ³) ⁽¹⁾	10.6	10.5	9.33	10.1	-
Beryllium (µg/Rm ³) ⁽¹⁾	<0.044	<0.044	<0.039	<0.042	-
Chromium (µg/Rm ³) ⁽¹⁾	0.96	1.03	0.70	0.90	-
Cobalt (µg/Rm ³) ⁽¹⁾	0.032	<0.044	<0.039	<0.038	-
Copper (µg/Rm ³) ⁽¹⁾	2.72	1.64	1.19	1.85	-
Molybdenum (µg/Rm ³) ⁽¹⁾	4.01	4.25	3.39	3.88	-
Nickel (µg/Rm ³) ⁽¹⁾	0.68	0.77	0.44	0.63	-
Selenium (µg/Rm ³) ⁽¹⁾	<0.22	<0.22	<0.19	<0.21	-
Silver (µg/Rm ³) ⁽¹⁾	<0.044	<0.044	<0.039	<0.042	-
Thallium (µg/Rm ³) ⁽¹⁾	<0.044	<0.044	<0.039	<0.042	-
Vanadium (µg/Rm ³) ⁽¹⁾	<0.022	<0.022	<0.019	<0.021	-
Zinc (µg/Rm ³) ⁽¹⁾	14.3	10.3	8.26	11.0	-
Dioxins and Furans (pg TEQ/Rm ³) ⁽³⁾	<1.97	<3.06	<1.88	<2.30	60
Total Chlorobenzenes (ng/Rm ³) ⁽¹⁾	<113	<99.6	<127	<113	-
Total Chlorophenols (ng/Rm ³) ⁽⁵⁾	<521	<1828	NQ	<1163	-
Total PAHs (ng/Rm ³) ⁽¹⁾	<222	<399	<343	<321	-
VOCs (µg/Rm ³) ⁽¹⁾	<117	<62.4	<73.4	<84.3	-
Aldehydes (µg/Rm ³) ⁽¹⁾	<82.1	<15.5	<52.3	<50.0	-
Total VOCs (µg/Rm ³) ^{(1) (4)}	<199	<77.9	<126	<134	-
Quench Inlet Organic Matter (THC) (ppm, dry) ⁽²⁾	0.1	0.1	0	0.1	50

* based on process data provided by Covanta

- (1) dry at 25□C and 1 atmosphere, adjusted to 11% oxygen by volume.
- (2) dry basis as equivalent methane (average of each 60 minute test with data recorded in 1-minute intervals).
- (3) calculated using the NATO/CCMS (1989) toxicity equivalence factors and the full detection limit for those isomers below the analytical detection limit, dry at 25□C and 1 atmosphere, adjusted to 11% oxygen by volume.
- (4) Includes all components from the volatile organic compounds test list in the ECA (i.e. Volatile Organic Sampling Train and Aldehyde Sampling train components).
- (5) Total chlorophenols were not quantifiable (NQ) due to spike recovery losses during the extraction of the samples by the analytical laboratory.

The average results for the tests conducted at Boiler No. 2, along with the respective in-stack emission limits, are summarized in the following table:

Parameter	Test No. 1	Test No. 2	Test No. 3	Average	In-Stack Limit
Total Power Output (MWh/day)*	-	-	-	388	-
Average Combustion Zone Temp. (□C)*	-	-	-	1280	-
Steam (tonnes/day)*	-	-	-	800	-
MSW Combusted (tonnes/day)*	-	-	-	218	-
NO _x Reagent Injection Rate (liters/day)*	-	-	-	522	-
Carbon Injection (kg/day)*	-	-	-	124	-
Lime Injection (kg/day)*	-	-	-	3539	-
Filterable Particulate (mg/Rm ³) ⁽¹⁾	1.73	1.44	1.28	1.48	9
PM ₁₀ with Condensable (mg/Rm ³) ⁽¹⁾	<5.39	<6.55	<5.19	<5.71	-
PM _{2.5} with Condensable (mg/Rm ³) ⁽¹⁾	<4.98	<6.48	<5.00	<5.49	-
Hydrogen Fluoride (mg/Rm ³) ⁽¹⁾	<0.11	<0.098	<0.097	<0.10	-
Ammonia (mg/Rm ³) ⁽¹⁾	0.37	0.30	0.28	0.32	-
Cadmium (µg/Rm ³) ⁽¹⁾	0.014	0.055	0.10	0.057	7
Lead (µg/Rm ³) ⁽¹⁾	0.22	0.21	0.33	0.26	50
Mercury (µg/Rm ³) ⁽¹⁾	0.44	1.21	<0.089	<0.58	15
Antimony (µg/Rm ³) ⁽¹⁾	<0.044	<0.046	<0.045	<0.045	-
Arsenic (µg/Rm ³) ⁽¹⁾	<0.044	<0.046	<0.045	<0.045	-
Barium (µg/Rm ³) ⁽¹⁾	10.6	11.1	11.6	11.1	-
Beryllium (µg/Rm ³) ⁽¹⁾	<0.044	<0.046	<0.045	<0.045	-
Chromium (µg/Rm ³) ⁽¹⁾	0.90	0.88	0.95	0.91	-
Cobalt (µg/Rm ³) ⁽¹⁾	0.042	<0.023	<0.023	<0.029	-
Copper (µg/Rm ³) ⁽¹⁾	1.34	1.51	1.13	1.33	-
Molybdenum (µg/Rm ³) ⁽¹⁾	4.04	4.20	4.09	4.11	-
Nickel (µg/Rm ³) ⁽¹⁾	0.50	0.59	0.58	0.56	-
Selenium (µg/Rm ³) ⁽¹⁾	<0.22	<0.23	<0.23	<0.23	-
Silver (µg/Rm ³) ⁽¹⁾	<0.044	<0.046	<0.045	<0.045	-
Thallium (µg/Rm ³) ⁽¹⁾	<0.044	<0.046	<0.045	<0.045	-
Vanadium (µg/Rm ³) ⁽¹⁾	<0.022	<0.023	<0.023	<0.023	-
Zinc (µg/Rm ³) ⁽¹⁾	9.95	10.9	10.1	10.3	-
Dioxins and Furans (pg TEQ/Rm ³) ⁽³⁾	<1.81	<2.00	<1.83	<1.88	60
Total Chlorobenzenes (ng/Rm ³) ⁽¹⁾	<156	<59.3	<152	<122	-
Total Chlorophenols (ng/Rm ³) ⁽⁵⁾	NQ	NQ	<1471	<1380	-
Total PAHs (ng/Rm ³) ⁽¹⁾	<142	<315	<167	<208	-
VOCs (µg/Rm ³) ⁽¹⁾	<338	<279	<227	<281	-
Aldehydes (µg/Rm ³) ⁽¹⁾	<211	<188	<199	<199	-
Total VOCs (µg/Rm ³) ^{(1) (4)}	<549	<467	<426	<480	-
Quench Inlet Organic Matter (THC) (ppm, dry) ⁽²⁾	0.6	0.1	0	0.2	50

* based on process data provided by Covanta

- (1) dry at 25□C and 1 atmosphere, adjusted to 11% oxygen by volume.
- (2) dry basis as equivalent methane (average of each 60 minute test with data recorded in 1-minute intervals).
- (3) calculated using the NATO/CCMS (1989) toxicity equivalence factors and the full detection limit for those isomers below the analytical detection limit, dry at 25□C and 1 atmosphere, adjusted to 11% oxygen by volume.
- (4) Includes all components from the volatile organic compounds test list in the ECA (i.e. Volatile Organic Sampling Train and Aldehyde Sampling train components).
- (5) Total chlorophenols were not quantifiable (NQ) due to spike recovery losses during the extraction of the samples by the analytical laboratory.

A summary of the minimum, average and maximum concentrations for the combustion gases measured by the DYEC CEMS with in-stack limits listed in the ECA is provided below for the two units.

Boiler No.	Parameter	Minimum	Average	Maximum	In-Stack Limit
Boiler No. 1	Carbon Monoxide (mg/Rm ³) ⁽¹⁾	4.0	6.1	9.5	40
	Hydrogen Chloride (mg/Rm ³) ⁽²⁾	0.2	0.3	0.5	9
	Nitrogen Oxides (mg/Rm ³) ⁽²⁾	110	111	113	121
	Sulphur Dioxide (mg/Rm ³) ⁽²⁾	0	0.2	1.8	35
Boiler No. 2	Carbon Monoxide (mg/Rm ³) ⁽¹⁾	5.5	8.0	12.4	40
	Hydrogen Chloride (mg/Rm ³) ⁽²⁾	2.1	2.2	2.4	9
	Nitrogen Oxides (mg/Rm ³) ⁽²⁾	106	108	109	121
	Sulphur Dioxide (mg/Rm ³) ⁽²⁾	0	0.39	2.4	35

- (1) 4-hour average measured by DYEC CEMS, dry at 25°C and 1 atmosphere adjusted to 11% oxygen by volume
- (2) 24-hour average measured by DYEC CEMS, dry at 25°C and 1 atmosphere adjusted to 11% oxygen by volume

The emission data measured at each Boiler BH Outlet during the testing program was combined and used to assess the emissions from the Main Stack against the current point of impingement criteria detailed in Ontario Regulation 419/05.

Dispersion modelling was completed using the CALPUFF model (using Version 7.2.1 level 150618 as approved by the MECP in May 2021) by WSP Canada Inc. A summary of the results are provided in the tables appended to this report (Appendix 27) based on calculated ground level Point of Impingement (POI) concentrations for the average total Main Stack emissions. As shown in the tables, the calculated impingement concentrations for all the contaminants were well below the relevant MECP standards.

In summary, the key results of the emission testing program are:

- The facility was maintained within the operational parameters defined by the amended ECA that constitutes normal operation during the stack test periods. Testing was conducted at a steam production rate of greater than 766 tonnes of steam per day for each Boiler (approximately 94.9% of maximum continuous rating). The maximum continuous rating for the facility is 1614.7 tonnes of steam per day for the two Boilers combined (33.64 tonnes of steam per hour or 807.4 tonnes per day for each Boiler).
- The in-stack concentrations of the components listed in the ECA were all below the concentration limits provided in Schedule C of the ECA.
- Using CALPUFF dispersion modelling techniques, the predicted maximum point of impingement concentrations, based on the average test results for both boilers, show DYEC to be operating well below all current standards in Regulation 419/05 under the Ontario Environmental Protection Act and other MECP criteria including guidelines and upper risk thresholds.

Tables referenced in this report for the tests conducted at Boiler No. 1 and Boiler No. 2 are provided in Appendix 1 and Appendix 2, respectively.



**OVERSIGHT OF AIR EMISSIONS SOURCE
TESTING AT THE DURHAM YORK
ENERGY CENTRE (SPRING 2024)**

August 15, 2024

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Project Number:
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The conclusions in the Report titled Oversight of Air Emissions Source Testing at the Durham York Energy Centre (Spring 2024) are Stantec's professional opinion, as of the time of the Report, and concerning the scope described in the Report. The opinions in the document are based on conditions and information existing at the time the scope of work was conducted and do not take into account any subsequent changes. The Report relates solely to the specific project for which Stantec was retained and the stated purpose for which the Report was prepared. The Report is not to be used or relied on for any variation or extension of the project, or for any other project or purpose, and any unauthorized use or reliance is at the recipient's own risk.

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APPENDIX A ADOMAIT FIELD NOTES

Acronyms / Abbreviations

ADMP	Air Dispersion Modelling Plan
Adomait	Adomait Environmental Services
CARB	California Air Resources Board
CB	chlorobenzenes
CEM	Continuous Emissions Monitoring
CO	carbon monoxide
CP	chlorophenols
D/F	dioxins and furans
DYEC	Durham York Energy Centre
ECA	Environmental Compliance Approval
LCS	laboratory control sample
MECP	Ministry of the Environment, Conservation and Parks
MSW	municipal solid waste
NO _x	nitrogen oxides
O ₂	molecular oxygen
O. Reg. 419/05	Ontario Regulation 419/05
ORTECH	ORTECH Consulting Inc.
PAH	polycyclic aromatic hydrocarbon
PCB	polychlorinated biphenyl
POI	Point of Impingement
QA/QC	Quality Assurance/Quality Control
Region	Regional Municipality of Durham
SO ₂	sulphur dioxide
Stantec	Stantec Consulting Ltd.
SVOCs	semi-volatile organic compounds
TEQ	Toxic Equivalents
THC	Total Hydrocarbons
US EPA	United States Environmental Protection Agency

List of Symbols and Units of Measure

dscm/h	dry standard cubic metre per hour
g/s	gram per second
hr	hour
kg/hr	kilogram per hour
m ³ /hour	cubic metre per hour
min	minutes
mg/m ³	milligram per cubic metre
ppm	parts per million
tonnes/hr	tonnes per hour
µg/s	microgram per second
ng/s	nanogram per second
ng TEQ/s	nanogram of toxic equivalents per second
pg TEQ/Rm ³	picogram of toxic equivalents per reference cubic metre
°F	degrees Fahrenheit
°C	degrees Celsius
%	percent

1 Introduction

1 Introduction

The Durham York Energy Centre (DYEC) is a thermal treatment facility with a maximum thermal treatment rate of 140,000 tonnes/year of municipal solid waste (MSW). The facility was built to operate 24 hours/day, seven days/weeks, 365 days/year. MSW may be delivered to the facility six days per week between 7:00 am to 7:00 pm.

The facility performs annual source testing as required per the facility's Amended Environmental Compliance Approval (ECA) (No. 7306-8FDKNX). Section 7(1) of the ECA states that "the owner shall perform annual source testing, in accordance with the procedures and schedule outlined in the attached Schedule E, to determine the rates of emissions of the test contaminants from the stack".

Stantec Consulting Ltd. (Stantec) was retained by The Regional Municipality of Durham (the Region) to provide oversight services of the air emission source testing campaign conducted at the DYEC between March 18 and March 21, 2024 by ORTECH Consulting Inc. (ORTECH).

2 On-Site Source Testing Observations

Stantec sub-contracted the on-site auditing of the testing to Adomait Environmental Solutions Inc. (Adomait). Adomait staff, led by Martin Adomait, M.Sc., P.Eng., were on-site March 20th and 21st to observe the sampling for semi-volatile organic compounds (SVOCs), including dioxins and furans (D/F). The on-site review of the Stack Sampling Protocol was conducted to check that the testing follows sampling methods described in the Ontario Source Testing Code, and includes a review of:

1. On-site observations of testing,
2. Sampling locations,
3. Sampling procedures,
4. Sample recovery and analysis, and
5. Process parameter review.

The following sections were provided to the Region in a memorandum dated April 5th, 2024. They are replicated here for completeness and to provide the Region with a single document summarizing the entirety of the peer review.

2.1 Observations of Process Operations Centre

The auditor was stationed in a conference room equipped with a screen to display real-time and recent data related to parameters being monitored. Occasional visits to the control room also took place when necessary. In addition, Excel files containing one-minute data were provided to the auditor daily. The one-minute data summarized the various system parameters for Boiler 1 and Boiler 2 lines discussed below,

2 On-Site Source Testing Observations

except for the quench-tower inlet/outlet temperatures and moisture levels. The inlet/outlet temperatures were provided separately, while moisture data could only be accessed directly from the system monitors in the control room.

The dioxin and furan emission sampling process and the incineration operations were generally stable throughout. Two dioxin/furan sampling runs were completed on March 20th at both boilers without issues. A third sampling run on Boiler 1 on March 21st was also completed without issues. Half-way through the third sampling event on Boiler 2 on March 21st, after the completion of the first traverse, the dioxin/furan sampling train failed its leak check. A leak check was completed on each sampling train prior to and after each sampling run to ensure that no leakage of outside air into the sample air flow affects the integrity of the sample. The leak test failure required the ORTECH personnel to abandon the test, reassemble the sampling equipment with new glassware and repeat the procedure. A second issue developed during the repeat test as steam production on Boiler 2 started to decline. After approximately 20 minutes of prolonged low steam levels, the sampling was halted at 11:52 AM. Feedstock with a high moisture content was suspected to be the cause of the declining steam production. Sampling resumed at 12:08 PM when steam production achieved approximately 90% of the target (33.6 thousand kilograms per hour (kg/h)).

Table 1: Summary of System Monitoring Parameters (March 20 – 21, 8:00 AM to 6:00 PM)

	Oxygen (%)	CO (mg/m ³)	NO _x (mg/m ³)	SO ₂ (mg/m ³)	Moisture (%)	Combustion Temp (°C)	Steam Production (10 ³ kg/hr)
	1 min average	4-hr average	1 min range (24-hr average)	1 min range (24-hr average)	1 min range (average)	1 min range	1 min range (average)
Boiler 1 March 20 (Test 1 & 2)	6.3 – 9.7	6 – 10	40.3 – 153.5 (102.1)	0 – 2.7 (0.0)	-5.0 – 26.0 (17.7)	989 – 1,154	30.1 – 35.5 (33.3)
Boiler 1 March 21 (Test 3)	6.9 – 10.4	5 – 7	28.9 – 158.4 (102.2)	0 – 251 (3.9)	0.7 – 26.0 (16.4)	996 – 1,176	28.4 – 35.0 (32.8)
Boiler 2 March 20 (Test 1 & 2)	6.3 – 10.1	6 – 11	55.7 – 161.9 (99.0)	0 – 0 (0.0)	-4.8 – 26.5 (17.7)	1,039 – 1,222	27.4 – 34.6 (34.6)
Boiler 2 March 21 (Test 3)	6.6 – 12.0	7 – 21	66.3 – 153.8 (103.3)	0 – 8.0 (0.1)	-0.6 – 31.1 (21.1)	1,024 – 1,234	28.2 – 34.9 (32.5)
Criteria	>6.0	40 (4 hr)	121 (24 hr)	35 (24 hr)	-	1,000	33.6

The auditing process involved monitoring the real-time display of trending data, taking note of anomalies and discussing the deviations, and any corrective measures taken, with facility staff. After the monitoring periods, the recorded data in Excel files was further reviewed. Various monitoring parameters in the Excel files were more closely examined, eliminating data that may have been influenced by calibration or purging events that took place during this time. These parameters are summarized in **Table 1**. The parameters included oxygen (O₂) one-minute average, carbon monoxide (CO) 4-hour rolling average,

2 On-Site Source Testing Observations

nitrogen oxides (NO_x) 24-hour rolling average (for the portion of day that data was collected), sulphur dioxide (SO₂) 24-hour rolling average, moisture content, combustion temperatures, and steam production.

Table 1 also provides the criteria for these parameters, as provided in the facility's Environmental Compliance Approval (ECA).

The following conclusions of the Process Operations Centre observations and review of the monitoring parameters were made for the stack testing period.

1. Oxygen concentrations, ranged from 6.3% to 10.4% at Boiler 1, and 6.3% to 12.0% at Boiler 2 on March 20 and 21, 2024. The ECA specifies that the oxygen concentration shall not be less than 6% as recorded by the continuous emission monitoring system. The operation complied with this requirement during the testing period.
2. Carbon monoxide (CO) concentrations at Boiler 1 were generally stable throughout the tests, ranging between 0.0 and 46.8 milligram per cubic metre (mg/m³). The calculated 4-hour average ranged from 5 to 10 mg/m³. CO concentrations at Boiler 2 were also generally stable throughout the tests, ranging between 0.0 and 134 mg/m³. The calculated 4-hour average ranged from 6 to 21 mg/m³. Occasional spikes in CO concentration were likely due to cold CO spikes that may be attributed to incomplete combustion. The spikes were less than 1 minute in duration and similar to observations in previous stack testing regimes. The occurrence of CO spikes is common, and the quick suppression of spikes indicates that the systems are operating effectively. The 4-hour averages of CO were less than the in-stack emission limit of 40 mg/m³.
3. The average NO_x concentrations over two days during testing ranged between 40 and 158 mg/m³, averaging 102 mg/m³ at Boiler 1 over the testing period. The average NO_x concentrations over two days during testing at Boiler 2 ranged between 56 and 161 mg/m³, averaging between 99 and 103 mg/m³ over the testing period. Both units, if operated in a similar manner, outside of the monitoring period would have been below the in-stack emission limit of 121 mg/m³, calculated as a 24-hour rolling arithmetic average.
4. The SO₂ concentrations were stable throughout the monitoring period with 1-min values between 0.0 and 0.1 mg/m³ for both units, with one anomalous short-term trend on Boiler 1 that lasted a few minutes. This pattern was generally consistent given the constant lime injection of 135 – 150 kg/h for Boiler 1 on March 20th. Lime feed rates at Boiler 2 were consistent at 135 – 166 kg/h for March 20th and 21st. There was one anomaly on March 21st at Boiler 1 between 3:57 PM to 4:18 PM. During this time, the SO₂ concentrations rose to a level 251 mg/m³. The lime injection rate correspondingly increased to a high of 300 kg/h. After this short period, the SO₂ concentrations declined as did the lime injection rate (~145 kg/h). The system responded effectively to SO₂ spikes by increasing the lime injection rate. Both units, if operated in a similar manner, outside of the monitoring period would have been below the in-stack emission limit of 35 mg/m³ calculated as a 24-hour rolling arithmetic average.
5. The moisture content in the stack was determined via a mathematical relationship utilizing continuous monitoring and the dry and wet oxygen readings. The range and average moisture content from both Boiler 1 and Boiler 2 process lines are summarized in **Table 1**. The range from both lines can report erroneous negative or low moisture levels (e.g. -5% or 0.7%). This can be a typical artifact of an unstable wet oxygen analyzer. The negative or low levels, however, appeared infrequently and were isolated. Since the discrepancies were isolated, these values do

2 On-Site Source Testing Observations

not greatly affect the average moisture levels. The moisture levels were generally consistent for Boiler 1, but Boiler 2 showed increased moisture levels for the sampling run on March 21st.

6. The combustion zone temperatures for each boiler were, for the most part, maintained above the minimum temperature of 1,000°C. As shown in the table above, Boiler 1 did deviate below 1,000°C; however, the lower number was recorded for only a single one-minute reading. At the following minute reading, the combustion temperature was again greater than 1,000°C. The deviation was so small that it would not lead to any significant impacts. The combustion temperatures at Boiler 2 were above 1,000°C at all times during the sampling program.
7. The quench tower inlet and outlet temperatures showed consistent control, reducing inlet temperatures by 9.4 to 14.4°C (17 to 26°F) on average on both monitoring days during sample collection. The inlet temperatures have been known to increase gradually each day, but on this occasion, there was practically no change. The outlet temperatures generally remained consistent at ~66.7°C (~152°F). As a result of consistent outlet temperatures from the quench towers, Boiler 1 baghouse inlet temperatures remained steady between 134°C and 143°C (273.2 and 289.4°F). Similarly, Boiler 2 temperatures were recorded from 136 to 144°C (276.8 to 291.2°F). Both baghouse temperatures were near the midpoint of the performance requirement of 120°C to 185°C set out in the ECA (Section 6(2)(h)). Good temperature control is important to limit the volatilization of various dioxins and furans that may be particle-bound in the baghouse.
8. The real-time display of carbon dosing for Boiler 1 indicated small periods of erratic fluctuations. However, the average feed rate remained stable at 5.33 and 5.32 kg/h for the two monitoring days. Similarly, average carbon dosage at Boiler 2 had rates of 5.17 and 5.17 kg/h for the same two days.
9. Production at the plant is often evaluated in terms of steam flow. The target was 33.6 thousand kg/h. Steam flow for Boiler 1 averaged 33.3 and 32.8 thousand kg/h for March 20th and 21st, respectively. Steam flow for Boiler 2 averaged 34.6 and 32.5 thousand kg/h for March 20th and 21st, respectively, with the exception as cited above on the 21st. All averages were within 90% of the target. The range of the nominal total steam generation is within the 72 tonnes per hour of steam production rate listed in the ECA. The production was similar to levels observed during previous stack testing campaigns at this facility.
10. Airflow remained stable throughout the stack tests. Airflow for Boiler 1 generally ranged between 75,510 to 75,940 dry standard cubic metre per hour (dscm/h), and Boiler 2 ranged between 70,090 to 72,550 dscm/h.

2.2 Observations of the Stack Testing Operations

Observations of the stack testing procedures were undertaken during the SVOC sampling part of the program. The field observations are provided in a series of tables in Appendix A.

1. Where possible, leak checks were observed at both the start, traverse change, and at the conclusion of all SVOC tests conducted. When the leak checks were successful, the tests could be regarded as valid. Leak checks were always performed in a systematic and non-rushed manner to ensure good Quality Assurance/Quality Control (QA/QC). The summary of Adomait field observations is provided in Appendix A.

3 Report Review

2. Previous aberrations in the stack velocity measurements were reduced by using metal plates and rubber sealer plates to eliminate these problems. This set-up was similar to previous stack testing regimes.
3. Impinger/adsorbent temperatures were checked repeatedly at each sampling train. ORTECH supplied plenty of ice to the crews. The temperatures were maintained in the range of 5.0°C to 13.9°C (41°F to 57°F). Maintaining low adsorbent temperatures improves adsorption of dioxins/furans on the sampling media. The temperatures were maintained at reasonably low levels and were deemed acceptable.
4. The audit team also recorded dry gas meter corrections and pitot factors for comparison with the final report.
5. All trains operating at the baghouse outlet locations were inserted and withdrawn from the stack while the sampling train was running. Given the high negative pressure at these locations, it was important to ensure that the filter was not displaced prior to commencement of sampling. It also limits loss of any sample from the train.
6. No review of the sample recovery procedures conducted by ORTECH staff were performed.

Based on audit staff observations, ORTECH staff followed all appropriate sampling and recovery procedures as noted by the sampling methods (EPS 1/RM/2 and US EPA Method 23).

3 Report Review

ORTECH's draft source sampling report (the "Report") was provided to Stantec on May 27th, 2024. Stantec and Adomait conducted a review of the Report, with focus given to a detailed review of all SVOC-related sections.

3.1 Review of Source Testing Protocols

Adomait has conducted a thorough review of the source testing report as it relates to the dioxins and furans and has found no discrepancies between the methods described in the report compared to the observations made during testing. A further review of the dioxin/furan emission results at Boiler 1 compared to that of Boiler 2 was also undertaken. A comparison of the speciated dioxins and furans concentrations showed similar characteristics between the two boilers with minor exceptions (see **Table 2**). This is inline with expectations given that both boilers are processing a similar waste stream, and both boilers used similar combustion practices. Furthermore, the concentrations and patterns of the dioxins and furans suggested a consistent pattern when compared to the historical testing record from 2017 to 2024, except for the tests conducted during the period of 2020-2021. A plugged baghouse in 2020 posed problems for Boiler 1 in 2020. Given the consistency of the results between boilers, and the historical record, it was concluded that the boilers are operating as intended. Furthermore, given the consistency of the results with the historical record, Adomait was satisfied that all sampling/analytical protocols were followed according to appropriate methodologies. Consequently, Adomait has no concerns over the validity of collected samples, and the dioxin and furan results.

Table 2: Summary of Historical the Dioxin and Furan Concentrations (pg TEQ/Rm³)

		Test 1	Test 2	Test 3	Average	Difference
2017a	Boiler 1	<6.89	<6.44	<7.79	<7.04	1.77
	Boiler 2	<5.19	<4.88	<5.72	<5.27	
2017b	Boiler 1	<5.87	<7.15	<5.70	<6.24	-3.54
	Boiler 2	<10.3	<9.16	<9.93	<9.78	
2018	Boiler 1	<5.52	<4.70	<4.81	<5.01	1.79
	Boiler 2	<3.28	<3.46	<2.93	<3.22	
2019	Boiler 1	<1.52	<1.33	<1.77	<1.54	-1.62
	Boiler 2	<3.80	<3.73	<1.94	<3.16	
2020a	Boiler 1	<1.82	<1.67	<2.04	<1.84	-0.67
	Boiler 2	<2.23	<3.10	<2.19	<2.51	
2020b	Boiler 1	<31.1	<30.9	<24.4	<28.8	21.69
	Boiler 2	<6.82	<7.94	<6.56	<7.11	
2021a	Boiler 1	<3.84	<5.13	<3.40	<4.12	-3.38
	Boiler 2	<6.82	<8.45	<7.22	<7.50	
2021b	Boiler 1	<13.0	<18.0	<12.8	<14.6	12.08
	Boiler 2	<2.22	<3.21	<2.13	<2.52	
2022a	Boiler 1	<8.88	<9.42	<5.82	<8.04	3.89
	Boiler 2	<4.09	<3.95	<4.42	<4.15	
2022b	Boiler 1	<4.03	<3.82	<3.40	<3.75	-0.55
	Boiler 2	<2.19	<8.70	<2.01	<4.30	
2023a	Boiler 1	<2.90	<4.79	<14.0	<7.23	-1.96
	Boiler 2	<8.91	<8.75	<9.90	<9.19	
2023b	Boiler 1	<10.9	<11.7	<9.53	<10.7	6.53
	Boiler 2	<3.18	<2.37	<6.96	<4.17	
2024a	Boiler 1	<2.04	<2.88	<1.99	<2.30	0.46
	Boiler 2	<1.82	<1.87	<1.83	<1.84	

Notes: All data was calculated using WHO toxicity equivalence factors and full detection limit for those isomers below the analytical detection limit, dry at 25°C, and 1 atmosphere, adjusted to 11% oxygen. Test 2017a was conducted early in 2017, while 2017b was completed later in the year. The same applies for all other years. Reference ORTECH Tables 46 for Boilers 1 and 2, respectively.

3.2 Review of Analytical Reporting

Stantec has conducted a thorough review of the source testing report. While the source testing report was reviewed in its entirety, focus was given to a detailed review of all SVOC-related sections. As per the contract with the Region, the project did not include the oversight and audit review of actual laboratory work. Therefore, no statement of efficacy is provided regarding the processing, handling, and analysis of laboratory samples.

Based on this review, Stantec provides the following comments:

3 Report Review

1. Dioxins and Furans

- a. The recoveries of Field Spike Standards of all D/F samples were within the acceptable range of recoveries provided in Environment Canada Reference Method EPS 1/RM/2 (EPS 1/RM/2) (70% – 130%), for all but one sample (TEST #3 APC OUTLET #1).
- b. The recoveries of Extraction Standards for all D/F samples are within the acceptable range of recoveries provided in EPS 1/RM/2, which is either 40% – 130% or 25 – 130%, depending on the specific D/F.
- c. The recoveries of Cleanup Standards of all D/F samples were within the acceptable range of recoveries provided in EPS 1/RM/2 (40% – 130%).
- d. Stantec was able to trace and confirm the D/F congener group emission rate calculations presented by ORTECH provided in Section 7.9.1 (Page 45).
- e. Stantec was able to trace and confirm the D/F and dioxin-like PCB toxic equivalents (TEQ's) emission rate calculations (ng TEQ/s) presented by ORTECH provided in Section 7.9.1 (Page 46).
- f. Stantec was able to trace and confirm the in-stack TEQ concentration calculations presented by ORTECH (see Section 7.9.1, Page 47) and confirm that the D/F TEQ concentrations are below the maximum in-stack limit of 60 pgTEQ/Rm³.

2. PCBs

- a. The recoveries of the Extraction Standards for PCBs are within the acceptable range of recoveries provided in US EPA Method 1668C (10% – 145%).
- b. The recoveries of Field Spike Standards of all PCB samples were within the acceptable range of recoveries provided in US EPA Method 1668C (70% – 130%).
- c. The recoveries of Cleanup Standards of all PCB samples were within the acceptable range of recoveries provided in US EPA Method 1668C (5% – 145%, or 10% – 145%).
- d. PCB samples were not blank corrected based on the blank sampling train and laboratory blank results. This is an acceptable methodology and will provide an over-estimate of the true concentrations within the samples.

3. Chlorobenzenes

- a. The analytical reports indicate that the recoveries of select labelled extraction standards were below the method control limit. However, no significant bias to the sample results is expected given that the target analyte recoveries are all in control for the laboratory control sample (LCS). This is a valid assumption; therefore, the poor recoveries of labelled standards in these samples will not impact the conclusions of the report.
- b. Chlorobenzene samples were not blank corrected based on the blank sampling train and laboratory blank results. This is an acceptable methodology and will provide an over-estimate of the true concentrations within the samples.

3 Report Review

- c. Stantec was able to trace and confirm the chlorobenzene emission rate calculations ($\mu\text{g/s}$) presented by ORTECH provided in Section 7.9.2 (Page 48).
4. Chlorophenols
 - a. All CP samples experienced low Extraction Standard recoveries (i.e., outside the accepted window of 50 – 150%) for at least one standard, which indicates a potential low bias on the samples. As per previous testing campaigns, CP sample concentrations were not corrected for this low bias. Furthermore, most CP sample concentrations were found to be below the detection limit. Therefore, as has been noted before, correction for this bias would not have been statistically meaningful. While the reduced recoveries may result in increased error in the determined concentrations, there is currently no concern that the error may lead to values over and above relevant ambient air quality standards.
 - b. The Report notes (page 35) that “chlorophenol detection limits reported are significantly higher than the detection limits typically reported by the analytical laboratory (<1000 ng vs <60 ng).” However, the modelling results indicated that all CP values are well below the corresponding standards. Consequently, there is no concern that CP POI values may be over and above relevant ambient air quality standards.
 - c. Stantec was able to trace and confirm the chlorophenol emission rate calculations ($\mu\text{g/s}$) presented by ORTECH provided in Section 7.9.2 (Page 48).
5. Polycyclic Aromatic Hydrocarbons
 - a. The recoveries of Field Sampling Standards for PAHs are within the acceptable range of recoveries provided in CARB Method 429 (50% – 150%).
 - b. The recoveries of the Extraction Standards for multiple PAHs were outside the acceptable range of recoveries provided in CARB Method 429, which is 50% – 150%. In all cases the recoveries were biased low, which indicates a potential low bias on the sample results. PAH sample concentrations were not corrected for this low bias. This may result in an underestimation of facility emission rates for PAHs. However, the target analyte recoveries are all in control for the LCS. Therefore, as discussed above, no significant bias to the sample results is expected. Furthermore, based on modelling results all PAH values are well below the corresponding standards. Therefore, a correction factor for the decreased recoveries would still indicate PAH levels well below the standard. Consequently, there is currently no concern that the error may lead to values that would have approached or exceeded the relevant in-stack or ambient standards.
 - c. PAH samples were not blank corrected based on the blank sampling train and laboratory blank results. This is an acceptable methodology and will provide an estimate of worst-case concentrations within the samples.
 - d. Stantec was able to trace and confirm the PAH emission rate calculations ($\mu\text{g/s}$) presented by ORTECH provided in Section 7.9.3 (Page 49).

3.3 Review of Dispersion Modelling

Appendix 27 of the Report presents the results of dispersion modelling based on results of the source testing program. The dispersion modelling provided in the appendix was completed by WSP, who provided Stantec with all relevant modelling files (e.g., input files, output files, etc.) for review.

Based on this review, Stantec provides the following comments:

1. Stantec confirmed that the CALPUFF and CALPOST version numbers and level numbers used in the model (as indicated in the corresponding input file) matched those provided in WSP's memorandum.
2. Stantec reviewed the CALPUFF options outlined in Table 2 of WSP's memorandum. These options match those in the supplied input files for modelling years 2014, 2017, and 2018. Note that the model was run for meteorological years 2014 to 2018.
3. Stantec reviewed the source parameters provided in Table 3 of WSP's memorandum and confirmed that the parameters match those determined from the source testing. These source parameters also match those in the supplied input files for modelling years 2014, 2017, and 2018. For the 2014 modelled year, the CALPUFF input file had an Exit Velocity of 23.43 m/s, which is 0.35 m/s lower than the value listed in Appendix 27, and an Exit Temperature of 415.96 K, which is 4.46 K higher than the value listed in Appendix 27. WSP reviewed their modelling and have confirmed that the files were run with the correct velocity and temperature. However, when providing files to the Region, the 2014 model files representative of 2023 source testing data were transferred by mistake.
4. Stantec reviewed the Dispersion Factors (without meteorological anomaly removed) provided in Table 4 of WSP's memorandum to confirm that they matched the maximum value provided in the CALPOST output files for all five years modelled. The values provided in the report equalled those in the output files. Minor discrepancies are expected to be the result of number rounding.

Averaging Period	10-min	½-hr	1-hr	24-hr	30-day	Annual
WSP Dispersion Factor before meteorological anomaly removal [$\mu\text{g}/\text{m}^3$ per g/s]	45.73	33.26	27.72	1.23	0.17	0.06
Output File Dispersion Factor without meteorological anomaly removal [$\mu\text{g}/\text{m}^3$ per g/s]	45.78	33.65	27.72	1.23	0.17	0.06

5. Stantec reviewed the Site-Wide Emission Inventory provided in Appendix A of WSP's memorandum. The following SVOCs were reviewed, and emission rates were found to match those calculated in ORTECH's report, which also equalled those calculated by Stantec.
 - a. Dioxins, Furans and Dioxin-like PCBs
 - b. Monochlorobenzene
 - c. Pentachlorophenol
 - d. Benzo(a)Pyrene
6. Stantec reviewed key SVOCs from the Emission Summary Table (Appendix B of WSP's memorandum) to ensure that emission rates were estimated appropriately from the Dispersion Factors shown in Table 4. The list of substances reviewed were:
 - a. Benzo(a)pyrene

4 Conclusions

- b. Monochlorobenzene
- c. Dioxins, Furans, and Dioxin-like PCBs

Based on the above review, there are no concerns with the conduct of the modelling. POI values presented in Appendix 27 of the Report provide a conservative estimate of potential impacts and are well below MECP criteria.

4 Conclusions

Based on a review of the Source Testing Report, and the on-site observations, there are no concerns about the validity of the source testing data reported by ORTECH. Stantec is satisfied that the conduct of the source testing, the analytical analysis, and the analytical calculations were carried out in a professional manner and followed all relevant guidelines, protocols, and best practices.

Based on a review of the CALPUFF Modelling (Appendix 27), Stantec is satisfied that the modelling was completed in accordance with the facility's ECA (Condition 6.1 and Schedule B), as well as O. Reg. 419/05.

Appendix A Adomait Field Notes

Reference: Oversight of Air Emission Source Testing at the Durham York Energy Centre (Spring 2024)

	Semi-Volatiles-1		Semi-Volatiles-1	
Date	March 20, 2024		March 20, 2024	
Observation	Boiler #1		Boiler #2	
Nozzle Size/Type	0.2586		0.2498	
Meter Cal/ID	1.018		0.986	
Pitot cal	0.844		0.843	
Calc Moisture	16		16	
Static	-11.9		-11.71	
Pitot Leak Check	Pass		Pass	
Pre-traverse Leak Check	0.002 @16 inches H ₂ O	0.003 @18 inches H ₂ O	0.003 @16 inches H ₂ O	0.003 @15 inches H ₂ O
SVOC Test Start Time	8:10	10:23	8:13	10:28
Running On Insertion	Yes	Yes	Yes	Yes
Stack temperature °F	280, 281, 280	281, 282, 280	283, 284, 285	285, 286, 288, 289
Trap temperature °F	48, 49, 48, 47, 47, 47, 49, 48, 54	53, 56, 57, 55, 51, 49, 54, 49, 50	46, 46, 46, 47, 47, 46, 46, 45, 45	42, 43, 43, 43, 43, 42, 41, 42, 43
Running on removal	Yes	Yes	Yes	Yes
Traverse Completed	10:10	12:23	10:13	12:28
Post-traverse Leak Check	0.002 @18 inches H ₂ O	0.002 @16 inches H ₂ O	0.002 @15 inches H ₂ O	0.002 @15 inches H ₂ O

Reference: Oversight of Air Emission Source Testing at the Durham York Energy Centre (Spring 2024)

	Semi-Volatiles-2		Semi-Volatiles-2	
Date	March 20, 2024		March 20, 2024	
Observation	Boiler #1		Boiler #2	
Nozzle Size/Type	0.2586		0.2498	
Meter Cal/ID	1.018 Team 4		0.986 Team 3	
Pitot cal	0.844		0.843	
Calc Moisture	16		16	
Static	-11.9		-11.71	
Pitot Leak Check	Pass		Pass	
Pre-traverse Leak Check	0.002 @16 inches H ₂ O	0.002 @16 inches H ₂ O	0.001 @15 inches H ₂ O	0.001 @15 inches H ₂ O
SVOC Test Start Time	13:18	15:30	13:13	15:26
Running On Insertion	Yes	Yes	Yes	Yes
Stack temperature °F	282, 280, 280	279, 281, 280	288, 288, 280	287, 285, 280
Trap temperature °F	47, 49, 48, 49, 49, 50	50, 53, 51, 51, 51, 48, 48, 49,	47, 47, 47, 46, 44, 44	47, 47, 47, 47, 44, 45, 45, 47, 48
Running on removal	Yes	Yes	Yes	Yes
Traverse Completed	15:18	17:30	15:13	17:26
Post-traverse Leak Check	0.001 @16 inches H ₂ O	0.002 @16 inches H ₂ O	0.002 @18 inches H ₂ O	0.002 @16 inches H ₂ O

Reference: Oversight of Air Emission Source Testing at the Durham York Energy Centre (Spring 2024)

	Semi-Volatiles-3		Semi-Volatiles-3*	
Date	March 21, 2024		March 21, 2024	
Observation	Boiler #1		Boiler #2	
Nozzle Size/Type	0.2586		0.2498	
Meter Cal/ID	1.018		0.986	
Pitot cal	0.844		0.843	
Calc Moisture	16		16	
Static	-11.9		-11.71	
Pitot Leak Check	Pass		Pass	
Pre-traverse Leak Check	0.002 @15 inches H ₂ O	0.002 @17 inches H ₂ O	0.002 @15 inches H ₂ O	0.002 @15 inches H ₂ O
SVOC Test Start Time	8:07	10:15	11:31	13:54
Running On Insertion	Yes	Yes	Yes	Yes
Stack temperature °F	280, 281, 280	280, 281, 280	284, 288, 288	283, 285, 285, 286
Trap temperature °F	53, 56, 57, 55, 54, 52, 43, 44, 45	43, 46, 47, 46, 45, 47, 44	45, 46, 45, 47, 48, 47, 46	47, 45, 45, 47, 47, 46, 45, 46 48, 50
Running on removal	Yes	Yes	Yes	Yes
Traverse Completed	10:07	12:15	13:46	15:54
Post-traverse Leak Check	0.002 @17 inches H ₂ O	0.002 @17 inches H ₂ O	0.002 @15 inches H ₂ O	0.001 @15 inches H ₂ O

Notes: *Leak check failure after first half of Boiler #2 test 3. Data reflects the repeat testing.

*Test stopped at 11:53 started again at 12:08 (Running on insertion)



Technical Memorandum

To: Andrew Evans, PEng, Region of Durham

Cc: Lipika Saha, PEng (Region of Durham)
Muneeb Farid, PEng (Region of York)
John Clark, Alan Cremen, Kirk Dunbar, Abigail Fleming, Annette Scotto (HDR)

From: Bruce Howie, PE

Date: June 24, 2024

Re: **Durham York Energy Centre: Spring 2024 Compliance Stack Test**
HDR Observations During Testing and Summary of Results

Introduction

During the period from March 18 through March 21, 2024, ORTECH Consulting, Inc. (ORTECH) conducted the Compliance Source Test at the Durham York Energy Center (DYEC) for the Regions of Durham and York. This Compliance testing has been performed annually since the start of Commercial Operation in 2016. Testing was performed in accordance with the reference methods required under Section 7(1) of the Amended Environmental Compliance Approval (ECA) No. 7306-8FDKNX, originally issued by the Ontario Ministry of Environment, Conservation and Parks (MECP) on June 29, 2011. HDR personnel were on-site to observe DYEC operations and stack sampling procedures during the testing on March 19th to March 21st. The purpose of this technical memorandum is to summarize the observations made by HDR personnel during the testing as well as to summarize our review of the results for the Source Test based on the information provided in the ORTECH Test Report dated May 16, 2024.

HDR Observations during the Compliance Source Test

The tentative testing schedule for the March 2024 Compliance Source Test is included in Attachment A to this Technical Memorandum. Also included in Attachment A is a summary of the testing observed by HDR. HDR's role on-site was to observe Covanta's operations of the DYEC during test sampling, and to observe ORTECH's sampling procedures and activities. HDR personnel were on-site during the air emission testing on March 19th to March 21st to observe the source test sampling activities with particular focus on the Method 23 tests for Dioxins/Furans on both Units 1 and 2. HDR observed the operations of the boiler and air pollution control systems to verify the DYEC was being operated under normal operating conditions during the test periods. The following is a

summary of the key events and observations made by HDR during the sampling days that we were at the DYEC. Attachment A shows the start and stop times of each test.

Day 1: Tuesday, March 19th

Stack testing commenced at 08:12 and was completed at 18:46. Tests for both Units were completed as scheduled without any observed or reported upsets.

The parameters below (data collected at 14:12) were observed to be within the normal range.

Parameter	Normal Range	Unit 1	Unit 2
Steam Load (kg/hr)	32,000-35,000	32,718	31,855
Carbon (kg/hr)	4.5-5.5	5.3	5.2
Steam Outlet Temp (°C)	495-510	502	503
Steam Pressure (bar)	86-90	89.9	89.9
Combustion Temps (°C)	>1,000	1,232	1,291
Baghouse dp (mBar)	10-20	18.9	14.5

Day 2: Wednesday, March 20th

Stack testing commenced at 07:57 and was completed at 17:30. Tests for both Units were completed as scheduled (Dioxin/Furans, VOST, Aldehydes).

HDR observed a leak test of the sampling train on both units on March 20th and noted that it passed.

- Unit 1 at 15:18 during the Dioxins/Furans Run 2 port switch.
- Unit 2 at 10:13 during the Dioxins/Furans Run 1 port switch.

The parameters below (data collected at 11:00) were observed to be within the normal range. Unit 1 baghouse differential pressure (dp) was slightly higher than typical but still within acceptable range throughout testing.

Parameter	Normal Range	Unit 1	Unit 2
Steam Load (kg/hr)	32,000-35,000	33,537	34,019
Carbon (kg/hr)	4.5-5.5	5.29	5.16
Steam Outlet Temp (°C)	495-510	506	510
Steam Pressure (bar)	86-90	89.8	89.9
Combustion Temps (°C)	>1,000	1,241	1,291
Baghouse dp (mBar)	10-20	21.0	16.8

*Although Unit 1 baghouse dp was slightly higher than the normal range throughout testing, values did not present any levels of concern.

Day 3: Thursday, March 21st

Stack testing commenced on Unit 1 at 08:07 and was completed at 12:15. Unit 2 Dioxins/Furans testing initially commenced at 07:49 but failed the leak check during the port switch. A new sampling train was assembled, and another Unit 2 test commenced at 11:31. At 11:53 the run was paused due to a drop in the steam flow to below 30,000 kg/hr, likely due to a wet load of waste. Based on HDR's understanding, the low-level steam flow target is 30,300 kg/hr, which is 90% of the design MCR steam flow (33,600 kg/hr). Steam flows returned to design levels and the boiler was stable by 12:08 and the Unit 2 Dioxins/Furans test was restarted at 12:08. The Dioxins/Furans test was successfully completed at 15:54.

HDR observed three leak tests on March 21st. One test on Unit 2 failed, noted in the following.

- Unit 1 at 10:06 during the Dioxins/Furans Run 3 port switch.
- Unit 2 at 09:48 during the Dioxins/Furans Run 3 port switch, leak test failed and the run was aborted.
- Unit 2 at 13:45 during the Dioxins/Furans Run 3 port switch.

The parameters below (data collected at 11:01) were observed to be within the normal range. Unit 2 continued to be slightly higher than typical, but remained acceptable through all testing.

Parameter	Normal Range	Unit 1	Unit 2
Steam Load (kg/hr)	32,000-35,000	33,730	33,097
Carbon (kg/hr)	4.5-5.5	5.3	5.1
Steam Outlet Temp (°C)	495-510	507	506
Steam Pressure (bar)	86-90	89.9	90.0
Combustion Temps (°C)	>1,000	1,233	1,304
Baghouse dp (mBar)	10-20	21.0	16.8

HDR noted that Covanta's Rick Koehler was on-site throughout the testing period to assist in the coordination and to observe the Compliance Source Testing.

Based on HDR's observations of the Source Testing, ORTECH conducted the testing in accordance with the applicable standards and procedures. ORTECH was careful during each port change to ensure that the probe was not scraped inside the port during insertion and removal of the probe. In addition, sampling equipment was assembled properly, the ice used in the sample box was replenished in a timely manner, and all required leak checks were conducted. After each completed test, the sampling trains were transported to a trailer located outside the boiler building for recovery and clean up to avoid potential contamination at the test location. It should be noted that the actual clock times associated

with each run, are slightly longer than the run lengths indicated in the test plan. This difference is due to the time required for ORTECH to pull the probe out of the first port, leak check the sampling equipment, and insert the probe into the second port. This is typical of stack sampling practices and is done in accordance with the test plan and approved procedures.

Attachment B provides a summary of the DYEC operating data recorded by Covanta's distributive control system (or DCS) during the Dioxins/Furans tests. One set of operating parameters that appeared to deviate from the expected ranges are the variables associated with the LN and SNCR controls for NO_x reduction. Unit 1 was observed to be operating with a higher tertiary air flow and a higher percentage of tertiary air (percent of total combustion air) while at the same time requiring higher ammonia injection rates. Typically, higher LN flow will result in lower NO_x formation and a reduction in the demand for ammonia in the SNCR system. Covanta should verify tertiary air flow meter calibration and investigate the boiler operating conditions that may have contributed to this deviation. As previously noted, HDR did not observe any deviations from the approved test protocol or applicable stack test procedures and based on the operational data and HDR's observations, the boilers and APC equipment were generally operated under normal conditions during the testing.

Summary of Results

The results of the testing program, based on ORTECH's May 16, 2024, report, are summarized in Table 1 and Figures 1 and 2. As shown, emissions of all pollutants are corrected to Reference conditions (25° C, 101.3 kPa, dry basis, 11% oxygen) and were below the ECA's Schedule "C" limits. As a part of HDR's review of the ORTECH report, we completed a review of the data presented and calculations. There were no errors in calculations found during this review.

Table 1 – Summary of March 2024 Compliance Source Test Results

Parameter	Units ⁽¹⁾	ECA Limit	Unit 1		Unit 2	
			Result	% of Limit	Result	% of Limit
Particulate Matter (PM) ⁽²⁾	mg/Rm ³	9	1.31	15%	1.48	16%
Mercury (Hg) ⁽²⁾	µg/Rm ³	15	<0.16	1%	<0.58	4%
Cadmium (Cd) ⁽²⁾	µg/Rm ³	7	<0.090	1%	0.057	1%
Lead (Pb) ⁽²⁾	µg/Rm ³	50	0.31	1%	0.26	1%
Hydrochloric Acid (HCl) ⁽³⁾⁽⁴⁾	mg/Rm ³	9	0.5	6%	2.4	27%
Sulphur Dioxide (SO ₂) ⁽³⁾⁽⁴⁾	mg/Rm ³	35	1.8	5%	2.4	7%
Nitrogen Oxides (NO _x) ⁽³⁾⁽⁴⁾	mg/Rm ³	121	113	93%	109	90%
Carbon Monoxide (CO) ⁽³⁾⁽⁵⁾	mg/Rm ³	40	9.5	24%	12.4	31%
Total Hydrocarbons (THC) ⁽⁶⁾	ppm	50	0.1	0%	0.2	0%
Dioxins and Furans ⁽⁷⁾	pg TEQ/Rm ³	60	<2.30	4%	<1.88	3%

(1) R means the values are adjusted to reference conditions (i.e., dry basis, 25°C, 101.3 kPa, 11% O₂)

(2) average of three runs

(3) based on CEM data provided by Covanta

(4) maximum calculated 24-hour rolling arithmetic average measured by the DYEC CEMS during the period from 08:00 on March 18, 2024 until 16:00 on March 21, 2024

(5) maximum calculated 4-hour rolling arithmetic average measured by the DYEC CEMS during the period from 08:00 on March 18, 2024 until 16:00 on March 21, 2024

(6) average of three one hour tests measured at an undiluted location, reported on a dry basis expressed as equivalent methane

(7) average of three test runs calculated using the NATO/CCMS (1989) toxicity equivalence factors and the full detection limit for those isomers below the analytical detection limit

Figure 1 - DYEC Test Results as a Percent of ECA Limit

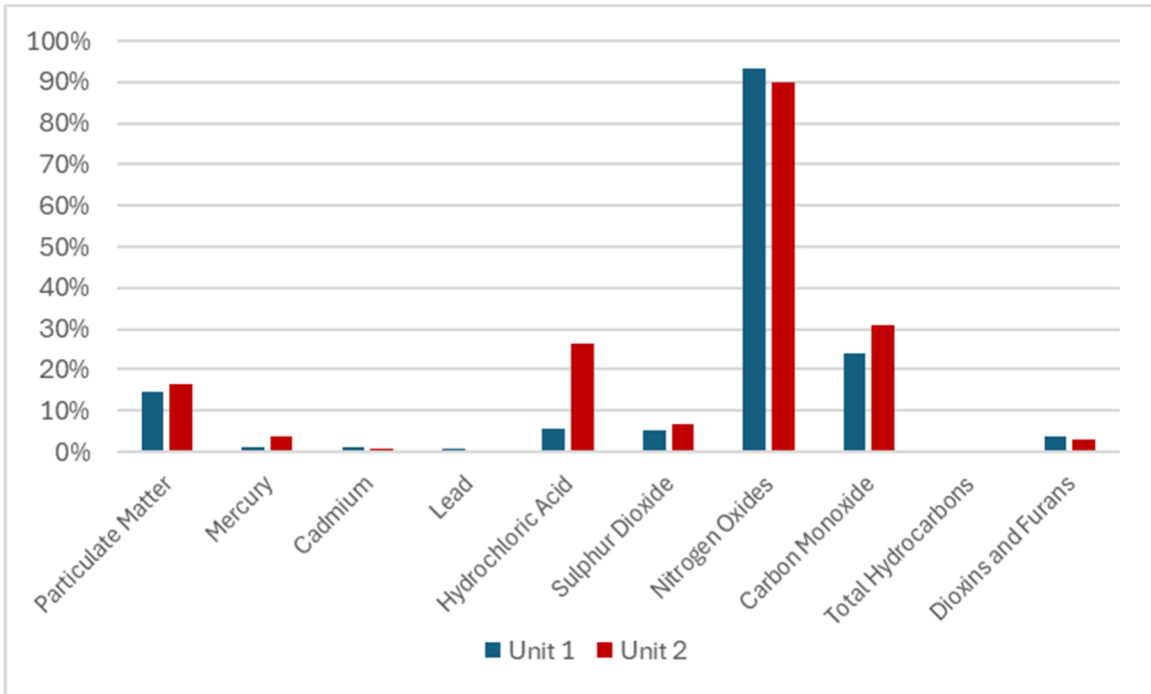
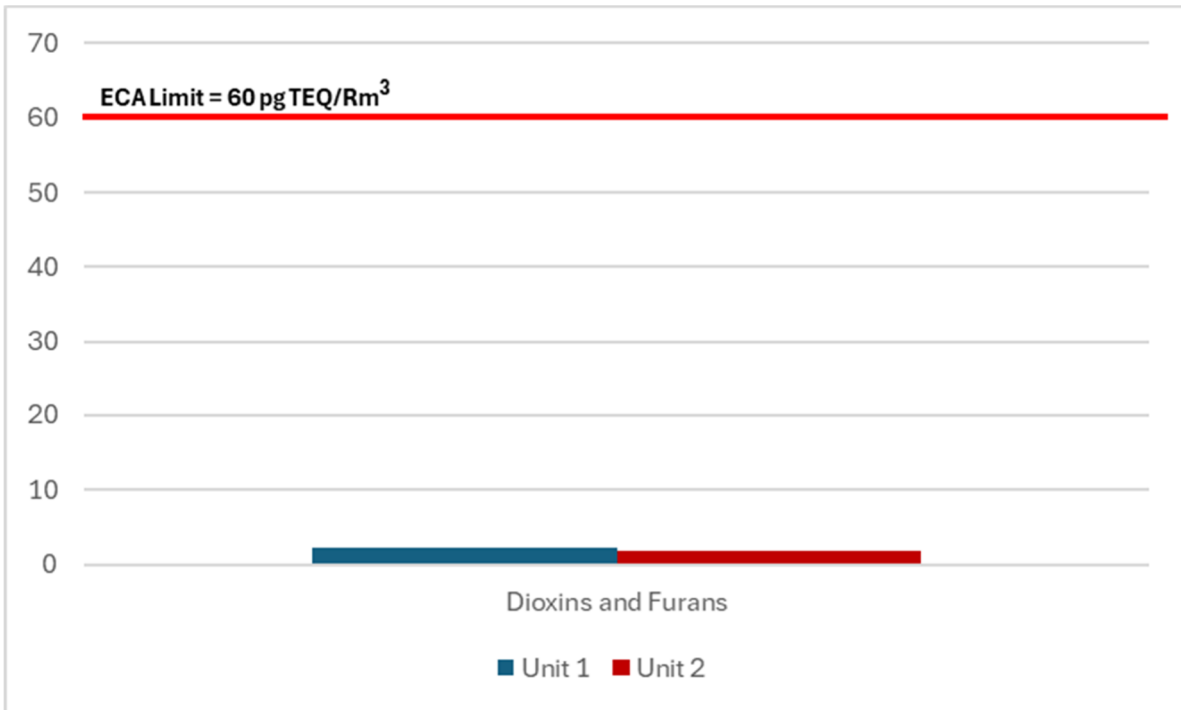


Figure 2 – Test Results for Dioxins and Furans



Conclusions and Recommendations

HDR has completed our review of the preliminary results of the air emissions testing performed during the DYEC Spring 2024 Compliance Test. Representatives from HDR were present at the DYEC to observe the sampling procedures and facility operations throughout the majority of the testing period that occurred between March 18th through March 21st, 2024. HDR observed ORTECH following the approved stack sampling procedures and test methods. HDR also observed Covanta's plant personnel operating the DYEC under normal operating conditions and in accordance with acceptable industry operating standards. Based on the results summarized in ORTECH's test report (dated May 16, 2024), the air emission results of the Spring 2024 Compliance Test demonstrated that the DYEC operated below the ECA's Schedule "C" limits.

Attachments:

Attachment A – Tentative Stack Test Schedule and Summary of Testing Observed by HDR

Attachment B – Summary of Operating Data during Dioxins/Furans Tests

Attachment A:
Final Stack Test Schedule &
Summary of Testing Observed
by HDR.

Tentative Test Schedule

Day/Location		Parameter	Method	# of Runs	Duration
Fri. March 15	#1 & #2 APC	Setup and Prelim. Particulate	Ontario M5	2	60
Mon. March 18	#1 APC Outlet	Particulate/Metals	Ontario M5/EPA M29	2	180
		Hydrogen Fluoride	EPA M26A	3	60
	#2 APC Outlet	Particulate/Metals	Ontario M5/EPA M29	1	180
		PM ₁₀ , PM _{2.5} & Condensables	EPA Method 201A/202	3	120
Tues. March 19	#1 APC Outlet	PM ₁₀ , PM _{2.5} & Condensables	EPA Method 201A/202	3	120
		Particulate/Metals	Ontario M5/EPA M29	1	180
	#2 APC Outlet	Particulate/Metals	Ontario M5/EPA M29	2	180
		Hydrogen Fluoride	EPA M26A	3	60
Wed. March 20	#1 APC Outlet	Dioxin/Furan	EPS 1/RM/2	2	240
		VOST	SW846-0030	3	40
		Aldehydes	NCASI Method ISS/FP-A105.01	3	60
	#2 APC Outlet	Dioxin/Furan	EPS 1/RM/2	2	240
		VOST	SW846-0030	3	40
		Aldehydes	NCASI Method ISS/FP-A105.01	3	60
Thurs. March 21	#1 APC Outlet	Dioxin/Furan	EPS 1/RM/3	1	240
	#2 APC Outlet	Dioxin/Furan	EPS 1/RM/2	1	240

Note: Friday March 22 is reserved as a contingency test day.

Summary of Testing Observed by HDR.

Day 1: Tuesday, March 19th

Unit	Test	Run 1		Run 2		Run 3	
		Start	Stop	Start	Stop	Start	Stop
Unit 1	PM10/2.5	08:24	10:26	11:02	13:04	13:50	15:53
	PM/Metals	-	-	-	-	15:26	18:35
	Acid Gases	-	-	-	-	-	-
Unit 2	PM10/2.5	-	-	-	-	-	-
	PM/Metals	08:12	11:25	11:59	15:07	15:38	18:46
	Acid Gases	08:13	09:13	09:56	10:56	11:07	12:07

Day 2: Wednesday, March 20th

Unit	Test	Run 1		Run 2		Run 3		Run 4	
		Start	Stop	Start	Stop	Start	Stop	Start	Stop
Unit 1	Dioxin/Furan	08:10	12:23	13:18	17:30				
	VOST	07:57	08:37	08:43	09:23	09:29	10:09	10:15	10:55
	Aldehyde	11:30	12:30	12:47	13:47	14:05	15:05		
Unit 2	Dioxin/Furan	08:13	12:28	13:13	17:26				
	VOST	07:59	08:39	08:48	09:28	09:39	10:19	10:32	11:12
	Aldehyde	12:00	13:00	13:17	14:17	14:36	15:36		

Day 3: Thursday, March 21st

Unit	Test	Run 3	
		Start	Stop
Unit 1	Dioxin/Furan	08:07	12:15
Unit 2*	Dioxin/Furan	11:31	15:54

* The test run was paused at 11:53 due to a drop in the steam flow. The set point is 90% of the standard flow (33,600 kg/hr). During this time, the steam flow fell below 30,000 kg/hr, likely due to a wet load. The test continued at 12:08 and was successfully completed at 15:54.

Attachment B:
Summary of Operating Data
during the Dioxins/Furans Tests

March 2024 Compliance Dioxins Testing Operations Data and Results

Operating Parameter	Boiler 1			Boiler 2		
	Run 1	Run 2	Run 3	Run 1	Run 2	Run 3
	20-Mar	20-Mar	21-Mar	20-Mar	20-Mar	21-Mar
MSW Combusted (tonnes/day)						
Steam (kg/hr)	33,432	33,263	33,481	33,029	33,358	33,092
Steam temp	507	507	506	508	515	509
Primary Air Flow	30,159	30,464	29,629	32,709	33,294	32,714
Overfire Air Flow	5,911	5,935	5,893	5,819	7,193	5,318
Tertiary Air (Fresh LN Air)	9,908	9,892	9,820	8,502	8,599	8,458
Tertiary air temperature °C	40.8	39.1	38.3	40.9	36.8	37.1
Lime Injection (kg/hr)	144.5	144.4	144.5	144.2	144.1	144.3
Ammonia Injection Rate (liters/hr)	1.1	0.8	0.8	0.2	0.3	0.5
Carbon Injection (kg/hr)	5.3	5.3	5.3	5.1	5.2	5.2
Combustion air preheat temp	110.6	115.0	117.4	111.5	104.9	118.0
Average Combustion Zone Temp °C	1,099	1,089	1,090	1,141	1,155	1,164
Superheater #3 Flue gas inlet Temp °C	573	576	568	577	593	588
Economizer Inlet Temp °C	343	345	343	343	350	345
Economize Outlet Temp °C	170	176	170	170	178	173
Quench Outlet Temp °C	153	153	152	153	153	152
Reactor Outlet (BH Inlet) Temp °C	140	139	140	141	140	141
Baghouse Outlet Temp °C	137	136	137	138	138	137
Tertiary Air Header Pressure mbar	60	60	60	64	65	68
Tertiary Air Left mbar	33	33	31	28	29	28
Tertiary air Right mbar	34	34	35	28	28	28
Baghouse Differential Pressure mbar	20	20	21	16	16	17
Oxygen (%) - Boiler Outlet	7.2	7.1	7.3	7.1	7.1	7.5
Oxygen (%) - Baghouse Outlet	8.0	8.2	8.2	8.2	8.2	9.6
CO -Boiler Outlet - mg/Rm3	8.4	6.6	6.3	13.7	7.7	9.9
CO - Baghouse Outlet - mg/Rm3	6.1	4.4	4.1	9.8	4.7	6.9
NOx - mg/Rm3	105.5	109.4	108.4	100.6	109.4	107.6
NH3 mg/Rm3	8.2	10.7	8.1	11.1	10.9	11.3
Flue gas moisture	16.8%	18.2%	16.6%	19.9%	21.3%	21.3%
Outlet/Stack Dioxin - NATO - (pg TEQ/Rm³)	<1.97	<3.06	<1.88	<1.81	<2.00	<1.83

¹Average Unit data for the periods corresponding to the test run times.

Attachment 4

Table 1: DYEC Source Test Emission Results 2019-2024

Parameter	Emission limit	Spring 2019 Voluntary		Fall 2019 Compliance		Spring 2020 Voluntary		Fall 2020 Compliance		Spring 2021 Voluntary		Fall 2021 Compliance		Spring 2022 Voluntary		Fall 2022 Compliance		Spring 2023 Voluntary		Fall 2023 Compliance		Spring 2024 Compliance	
		Boiler 1	Boiler 2	Boiler 1	Boiler 2	Boiler 1	Boiler 2	Boiler 1	Boiler 2	Boiler 1	Boiler 2	Boiler 1	Boiler 2	Boiler 1	Boiler 2	Boiler 1	Boiler 2	Boiler 1	Boiler 2	Boiler 1	Boiler 2	Boiler 1	Boiler 2
Cadmium	7 µg/Rm ³	0.1	0.08	0.18	0.08	0.056	0.11	0.075	0.056	0.068	0.045	0.064	0.02	0.023	0.39	0.063	0.03	0.12	0.08	0.83	0.37	0.09	0.057
Carbon Monoxide	40 mg/Rm ³	13.1	12.2	11.2	12.1	15.2	11.4	11.4	14.1	12.6	12.7	9.7	11.7	10.7	15.3	9.1	9.4	9.0	16.10	8.1	9.9	6.1	8.0
Dioxins and Furans	60 pgTEQ/Rm ³	4.55	4.58	1.51	3.24	1.82	2.53	28.7	7.26	4.10	7.35	14.7	2.56	7.28	4.10	3.68	3.91	6.61	9.18	10.9	4.43	2.3	1.88
Hydrogen Chloride	9 mg/Rm ³	1.9	4.2	3	5.1	4.5	5.1	3.8	3.2	3.1	2.9	2.2	1.8	1.0	3.6	0.4	3.8	0.8	3.1	1	3.1	0.3	2.2
Lead	50 µg/Rm ³	0.59	0.46	0.54	0.57	0.55	0.61	0.37	0.34	0.44	0.32	0.46	0.17	0.55	0.28	0.23	0.15	0.28	0.15	0.56	0.25	0.31	0.26
Mercury	15 µg/Rm ³	0.35	0.1	0.29	0.1	0.13	0.1	0.34	0.045	0.086	0.081	0.053	0.05	0.089	0.09	0.093	0.09	0.09	0.09	0.09	0.08	0.16	0.58
Nitrogen Oxides	121 mg/Rm ³	110	110	111	110	109	109	110	110	109	110	111	110	110	110	112	111	110	110	109	111	111	108
Organic Matter	50 ppm _{dv}	1.8	0.5	0.8	0.3	0.2	1.7	0.5	1.1	1.0	0.4	0	0	0.7	1.5	0.1	0.3	0.03	0.4	0.5	0.4	0.1	0.2
Sulphur Dioxide	35 mg/Rm ³	0.03	0.02	0	0.01	0	0	0.1	0.1	0.3	0.7	0.3	0.2	0.02	0.9	0.5	0.6	0.02	0.13	0	0.03	0.2	0.39
Total Suspended Particulate Matter	9 mg/Rm ³	0.62	0.38	0.61	0.54	1.14	1.04	2.6	2	0.78	0.25	0.48	0.31	0.87	1.58	0.27	0.2	0.20	0.24	0.57	0.43	1.31	1.48

Attachment 5

Table 2: Comparison Table: 2024 Compliance Source Test Results Compared to ECA limits and Ontario A-7 Guideline

Parameter	Units	Boiler #1	Boiler #2	DYEC Average	DYEC ECA limit	% below ECA limit	Ontario A-7 Guideline	EU (2010/75/EU)	% below EU limit
Nitrogen Oxides	mg/ Rm ³	111	108	110	121	9%	198	183	39.9%
Total Suspended Particulate Matter	mg/ Rm ³	1.31	1.48	1.4	9	84.4%	14	9	84.4%
Sulphur Dioxide	mg/ Rm ³	0.2	0.39	0.3	35	99.1%	56	46	99.3%
Hydrogen Chloride	mg/ Rm ³	0.3	2.2	1.3	9	85.6%	27	9	85.6%
Carbon Monoxide	mg/ Rm ³	6.1	8.0	7.1	40	82.3%	40	46	84.6%
Mercury	µg/Rm ³	0.16	0.58	0.4	15	97.3%	20	46	99.1%
Cadmium	µg/Rm ³	0.09	0.057	0.07	7	99%	7	n/a	n/a
Lead	µg/Rm ³	0.31	0.26	0.29	50	99.4%	60	n/a	n/a
Dioxin/Furans	pg TEQ/Rm ³	2.3	1.88	2.1	60	96.5%	80	92	97.7%



The Regional Municipality of Durham Information Report

From: Jason D. D. Hunt, Regional Solicitor and Director of Legal Services
Report: #2024-INFO-56
Date: September 25, 2024

Subject:

Reporting of exercise of delegated authority by Legal Services

Recommendation:

Receive for Information

Report:

1. Purpose

1.1 To report on Legal Services use of delegations 1.26 and 1.30 of Delegation Bylaw 04-2023.

2. Background

2.1 Delegation By-law 04-2023, being a by-law to provide certain delegations of authority from Regional Council to the Regional Chair and/or senior Regional staff for the administration of the Region, was passed as amended on February 1, 2023.

2.2 Within each row of each table of the Schedule "A" to Bylaw 04-2023, each person identified in the column entitled, "Delegate", shall report or communicate in the manner, if any, specified in the column entitled, "Reporting". The CAO and/or Department Heads may, from time to time, advise Council or its committees of the exercise of delegated authority pursuant to this By-law in such manner and in such circumstances as the CAO or any Department Head considers appropriate.

2.3 Legal Services is required to report annually on delegations 1.26 and 1.30 as outlined in Schedule "A" of By-law 04-2023.

a. No. 1.26 Delegation of Authority:

- The authority to retain lawyers including external counsel, commence legal proceedings, or defend legal proceedings, or take any step in a legal proceeding, including the execution of minutes of settlement or releases in such proceedings excluding Durham Municipal Insurance Pool legal actions and related settlements under various insurance policies.
- b. No. 1.30 Delegation of Authority:
- The authority to attend Ontario Small Claims Court and settle any action (with the exception of matters under the purview of the DMIP) during any court attendance up to the prevailing limit of that court.
- 2.4 A listing of each instance of the delegated authority as defined in delegations 1.26 and 1.30 in 2023 is attached hereto as Attachment #1.

3. Summary

3.1 The following is a summary of delegations categorized by subject matter:

- a. Small Claims and Tribunal: The Region can sue and be sued in the Small Claims Court for up to \$35,000 in damages. Examples could include collection of Provincial Offences fines that were unpaid, or claims for damages to the Region's roads, signs or guardrails in a motor vehicle accident.
- A total of two Small Claims Court matters were settled in 2023.
- b. Contract Management Disputes: The Region contracts with third parties for everything from snow clearing on our properties to agencies who provide services on our behalf. Some of the disputes under those contracts are resolved with help from the Legal Division.
- There were no contract management disputes settled in 2023.
- c. Construction and General Civil Litigation: These claims come out of the Region's many construction projects and may be the result of disputes among the various subcontractors or they may involve an issue the Region is disputing.
- A total of three construction and civil litigation claims were settled in 2023.
- d. Labour Arbitrations: These are disputes among the Union, Unionized Employees and/or the Region arising from the collective agreements, policies or discipline.
- A total of 15 labour arbitrations were settled in 2023.

- e. Human Rights Tribunal of Ontario (HRTO): These are applications filed by employees (former, current, and prospective) in relation to allegations that they were adversely treated in the course of their employment or cessation of employment with the Region as a result of one of the seventeen protected grounds under the Ontario Human Rights Code.
 - A total of two HRTO matters were settled in 2023.
- f. Ontario Labour Relations Board (OLRB): These are applications filed in relation to allegations of union misconduct, jurisdictional issues in relation to bargaining unit work and health and safety appeals against the Ministry of Labour.
 - A total of one OLRB matter was settled in 2023.
- g. Workplace Safety and Insurance Board (WSIB): These are appeals filed in relation to an employee’s WSIB benefits arising from an alleged workplace accident or injury. These include both Employer and Employee appeals of loss of earnings, benefits, etc.
 - There were no WSIB matters settled in 2023.

Category	Claims Settled
Small Claims and Tribunal	3
Contract Management and Disputes	0
Construction and General Civil Litigation	3
Workplace Safety and Insurance Board (WSIB)	0
Labour Arbitrations	15
Ontario Human Rights Tribunal (HRTO)	2
Ontario Labour Relations Board (OLRB)	1

4. Relationship to Strategic Plan

4.1 This report aligns with/addresses the following strategic goals and priorities in the Durham Region Strategic Plan:

- a. Goal 5.1 Service Excellence – to provide exceptional value to Durham taxpayers through responsive, effective, and financially sustainable service delivery.

5. Conclusion

5.1 The purpose of this report is to comply with the reporting obligation for calendar year 2023 as set out in the Delegation By-law 04-2023.

5.2 For additional information, contact: Arend Wakeford, Senior Solicitor, at 905-721 4210.

6. Attachments

Attachment #1: Legal Services exercise of Delegations for 2023

Respectfully submitted,

Jason D.D. Hunt
Regional Solicitor and Director of Legal
Services

Court / Tribunal / Board File No.	Title of Proceeding	Supervising Lawyer	File No.	Bylaw No.	Settlement	Category
No. 126 Delegation of Authority: The authority to retain lawyers including external counsel, commence legal proceedings, or defend legal proceedings, or take any step in a legal proceeding, including the execution of minutes of settlement or releases in such proceedings excluding Durham Municipal Insurance Pool legal actions and related settlements under various insurance policies.						
DC-452/21	Hejka v. The Regional Municipality of Durham (2022 ONSC 2233) (Div. Ct.)	Cindy Boyd Alexander McPherson	2021-1826	1.26	Non-monetary	Construction and General Civil Litigation
CV-19-00629602-0000 (Toronto)	Torbear Contracting Inc. v. The Regional Municipality of Durham	Jeffrey Tighe	2019-0048	1.26	5,900,000 plus HST	Construction and General Civil Litigation
COA-23-CV-0341	2682283 Ontario Ltd. O/A Volcano Café and Lounge v Regional Municipality of Durham	Cindy Boyd	2021-1694	1.26	\$80,000.00	Construction and General Civil Litigation
2021-46152-I	HRTO	Cindy Boyd	2022-2271	1.26	\$2,500.00	Human Rights Tribunal of Ontario (HRTO)
2020-41645-I	Human Rights Tribunal	Kelly McDermott	2020-1209	1.26	Non-monetary	Human Rights Tribunal of Ontario (HRTO)
N/A	Arbitration	Kelly McDermott	2021-002007	1.26	Non-monetary	Labour Arbitrations
N/A	Arbitration	Kelly McDermott	2020-001371	1.26	Non-monetary	Labour Arbitrations
N/A	Arbitration	Kelly McDermott	2023-002575	1.26	Non-monetary	Labour Arbitrations
N/A	Arbitration	Kelly McDermott	2023-002677	1.26	Non-monetary	Labour Arbitrations
N/A	Arbitration	Kelly McDermott	2023-002836	1.26	Non-monetary	Labour Arbitrations
N/A	Arbitration	Kelly McDermott	2019-000585	1.26	Non-monetary	Labour Arbitrations
N/A	Arbitration	Kelly McDermott	2023-002840	1.26	\$11,074.50	Labour Arbitrations
N/A	Arbitration	Kelly McDermott	2021-002029	1.26	Non-Monetary	Labour Arbitrations
N/A	Arbitration	Kelly McDermott	2020-001322	1.26	Non-Monetary	Labour Arbitrations
N/A	Arbitration	Kelly McDermott	2022-002387	1.26	Non-Monetary	Labour Arbitrations
N/A	Arbitration	Kelly McDermott	2022-002330	1.26	5 weeks of salary less deductions	Labour Arbitrations
N/A	Arbitration	Kelly McDermott	2023-002949	1.26	Non-Monetary	Labour Arbitrations
N/A	Arbitration	Kelly McDermott	2022-2393	1.26	Non-monetary	Labour Arbitrations
N/A	Arbitration	Kelly McDermott	2022-2426	1.26	Non-monetary	Labour Arbitrations

Court / Tribunal / Board File No.	Title of Proceeding	Supervising Lawyer	File No.	Bylaw No.	Settlement	Category
N/A	Arbitration	Kelly McDermott	2022-2493	1.26	\$3,064.32 (less deductions)	Labour Arbitrations
2911-20-UR	Ontario Labour Relations Board	Kelly McDermott	2021-001691	1.26	Non-Monetary	Ontario Labour Relations Board (OLRB)
SBT-2303-01303	Parkinson, Christopher John v. Administrator, Ontario Works	Alexander McPherson	2023-2811	1.26	Reinstate Ontario Works entitlements	Small Claims Court and Tribunal
No. 130 Delegation of Authority: The authority to attend Ontario Small Claims Court and settle any action (with the exception of matters under purview of the DMIP) during any court attendance up to the prevailing limit of that court.						
SC-20-00001111-0000	The Regional Municipality of Durham v. Georgette Lawrence	Jeffrey Tighe	2020-0696	1.30	\$1,000.00	Small Claims Court and Tribunal

If this information is required in an accessible format, please contact 1-800-372-1102 ext. 2564



The Regional Municipality of Durham Information Report

From: Commissioner of Planning and Economic Development
Report: #2024-INFO-57
Date: September 13, 2024

Subject:

Envision Durham – Provincial Decision on the new Regional Official Plan, File: D12-01

Recommendation:

Receive for information

Report:

1. Purpose

- 1.1 The purpose of this report is to inform Council members of the provincial decision to approve Envision Durham, the new Regional Official Plan (ROP), in part, with 77 modifications and a non-decision for mapping and policies related to the northeast Pickering urban area expansion lands.
- 1.2 On September 3, 2024, the Minister of Municipal Affairs and Housing (MMAH) released its decision to modify and approve in part the new ROP (see Attachments #1 and #2). The provincial notice and decision were published in the Environmental Registry of Ontario under [ERO #019-7195](#), which was also posted to the Region's project web page at durham.ca/EnvisionDurham. In addition, notice of the provincial decision has been communicated through social media channels, via a news release, and to every person who has registered to be on the Envision Durham Interested Parties List (over 800 individuals).

2. Background

- 2.1 Regional Council's adoption of Envision Durham on May 17, 2023, was the culmination of work completed through a highly consultative Municipal Comprehensive Review (MCR) process.
- 2.2 Following Council's consideration and adoption of the new ROP, the official plan document and supporting records were submitted to MMAH for review and approval on June 1, and deemed complete by provincial staff on June 27, 2023.
- 2.3 On June 21, 2023, the Minister suspended the 120-day review period for the adopted ROP and posted the document to the Environmental Registry of Ontario for a 60-day comment period, from June 21 to August 20, 2023, to gather public and stakeholder feedback. Comments submitted directly to the province through the registry are now publicly available [here](#).
- 2.4 Since that time, Regional staff have worked with provincial staff to consider modifications to the new ROP from ongoing Official Plan Amendments, Ontario Land Tribunal decisions and/or technical housekeeping refinements.
- 2.5 On May 6, 2024, Regional staff received MMAH's Draft Decision on the new ROP which included an invitation to review and provide comments. Regional planning staff provided initial comments on the Draft Decision and proposed modifications on May 15, and a final response on June 27, 2024 (see Attachment #3). Throughout this post-adoption process, staff's approach has been to obtain approval of the new OP in a form as close as possible to what was adopted by Regional Council on May 17, 2023.

3. Summary of the Province's September 3rd Decision on the new ROP

Modifications (Part A)

- 3.1 The Minister's decision on the new ROP contains 77 modifications. These modifications (sometimes referred to as mods) largely reflect those provided within MMAH's Draft Decision from May 6, 2024. Of these modifications:
 - a. Regional staff did not have any concerns with 56 mods (1, 3-5, 7-14, 16-17, 18-20, 23, 25, 27-33, 36-44, 47, 52-54, 55-60, 63-67, 69, 72-73, 75-77).

- Generally, the purpose of these modifications was to revise certain policies for clarity and to be more consistent with applicable provincial plans and policies. This includes identifying the Oshawa GO/VIA station as a Protected Major Transit Station Area (PMTSA), while establishing a lower minimum density target to reflect land use constraints, as well as Regionally-requested modifications that reflect changes in legislation to reinstate lands into the Greenbelt Plan and to re-establish the Duffins Rouge Agricultural Preserve Act.
- b. Provincial staff amended 17 of the proposed mods that were provided on May 6, 2024, based on Regional staff's comments on the Draft Decision (2, 6, 15, 21-22, 24, 34-35, 45-46, 49-51, 61, 70-71, 74).
- Minor refinements to Provincial modifications recommended by the Region, and approved by the Minister, include updated references to "inter-regional" transit (i.e. GO Bus); new text for Policy 8.4.12; updates to Table 1 related to requirements for a "Transportation Impact Study"; and, several suggested revisions to be consistent with formatting with the rest of the ROP.
- c. The final Decision added one new mod (26), which Regional staff have no concerns with.
- This mod added a new sub-section to Policy 6.2.8 to ensure that non-agricultural uses in Prime Agricultural Areas, within the Greenbelt Area, are limited to those permitted by the applicable provincial plans.
- 3.2 Of the 74 modifications above, 22 were requested by Regional staff to ensure the new ROP is as complete and up-to-date as possible at the time of Ministerial approval. However, the Minister's decision did not address the following five modification requests from the Region:
- a. Expansion to the delineated boundary of the Thornton's Corners PMTSA in Oshawa (see requested Mod XI in Attachment #3);
 - b. Addition of 123 Regional Highway 47 within "Rural Employment Area #2" in Uxbridge to enhance clarity and support the implementation of Policy 10.4.25 (see requested Mod XIII in Attachment #3); and
 - c. Three amendments to facilitate the Region's approval and the City's implementation of the Columbus Part II Plan in Oshawa (see requested Mods XIV-XVI in Attachment #3).

- 3.3 In addition, notwithstanding the modifications identified in paragraph 3.1, three modifications approved within the final Decision were **not supported** by the Region, as follows:
- a. Modification 48 – to delete Policy 8.4.11 in its entirety. [Policy 8.4.11 stated *“Encourage MTO to construct the Highway 407 interchanges at Westney Road, Salem Road and Thornton Road, Highway 412 interchange at Rossland Road, and complete the Highway 401/Lake Ridge Road interchange, which were approved in the Highway 407 East Environmental Assessment study but deferred from initial construction”*.]
 - On June 26, 2024, Durham Regional Council endorsed the Planning and Economic Development Committee motion stating that *“Durham Region request the province to reinstate the policy encouraging the construction of an interchange at Highway 412 and Rossland Road in the Regional Official Plan”*. A copy of the Planning and Economic Development Committee’s Minutes from June 4, 2024, was provided to the Province.
 - b. Modification 62 vi) – to delete an enlarged boundary for “Rural Employment Area #2” (Uxville) in Uxbridge as requested by Regional Council, and replace it with the former/current boundary.
 - The additional land which Council sought to have added to Uxville is in the Protected Countryside Area of the Oak Ridges Moraine Conservation Plan. While Regional planning staff offered background and rationale for MMAH staff to consider an expansion, the Decision does not explain why the requested expansion was not approved.
 - c. Modification 68 ii) – to replace “Future Interchange” in the legend of Map 3b (Road Network) with the words “Conceptual Future Interchange”.
 - Staff accept that the term "Conceptual Future Interchange" might be justified for interchanges that do not currently have Environmental Assessment (EA) approval by MTO and are not identified in their current plans, including the following locations:
 - a) Highway 401/Prestonvale Road
 - b) Highway 401/Lambs Road
 - c) Highway 407/Cochrane Street
 - d) Highway 407/Townline Road

- However, it is staff's view that the term "Future Interchange" should continue to be used as a designation for interchanges that are included in the 407 East EA study, but were deferred from Phase 1 construction, or are part of the Seaton MOU agreements. These are no longer "conceptual" interchanges but have had preliminary design work conducted and a need/justification as part of those studies, and in the case of the 407 East EA study, led by MTO. "Future Interchange" would encompass interchanges at the following locations:
 - a) 407 ETR/Peter Matthews Drive
 - b) Highway 407/Westney Road
 - c) Highway 407/Salem Road
 - d) Highway 407/Thornton Road
 - e) Highway 412/Rossland Road

Deferred Decision (Part B)

- 3.4 A decision has been deferred on policies and mapping for the northeast Pickering urban expansion lands in the new ROP that overlap with O. Reg 102/72 (i.e. the Federal Airport Lands MZO). Moreover, the Minister has not yet made a decision on the proposed MZO amendment to O. Reg 102/72, as detailed in Report [#2024-P-13](#).
- 3.5 According to the Minister's letter to Chair Henry dated September 3, 2024 (see Attachment #4), the deferral of a decision on the lands in northeast Pickering is intended to allow time for the Region, the City of Pickering and Indigenous communities to work together to review the concerns raised by Indigenous communities regarding future development of the northeast Pickering lands and discuss any possible solutions for a path forward. Outreach and engagement with Indigenous communities, and specifically the comments, discussions and iterative policy revisions undertaken in collaboration with the Mississaugas of Scugog Island First Nation that led to the recommended ROP, are detailed in paragraphs 6.8 to 6.15 of Report [#2023-P-15](#).
- 3.6 Notwithstanding the deferral of northeast Pickering, the approval of the majority of the new ROP will allow for development proposals that have been held in abeyance pending approval of the new OP elsewhere in the Region to move forward, and for the Region's area municipalities to proceed with updating their area official plans.

4. Previous Reports and Decisions

- 4.1 The provincial Notice of Decision dated September 3, 2024, regarding the approval of the new ROP was published in the [September 6th Council Information Package](#) (CIP).
- 4.2 Correspondence between MMAH and the Region, including the province's Draft Decision from May 6, 2023, and the Region's preliminary and second submissions to provincial staff were published in CIPs on [May 10th](#), [May 31st](#), and [July 5th](#), 2023, respectively.
- 4.3 Since 2019, over 35 reports on various aspects of the Envision Durham process have been prepared by Regional planning staff. The process has been highly collaborative and transparent. A list of previous reports and decisions related to the Envision Durham MCR is available on the project web page within the [Document library](#).

5. Relationship to Strategic Plan

- 5.1 This report and the approval of the new ROP aligns with/addresses all the strategic goals and priorities in the Durham Region Strategic Plan.

6. Conclusion and Next Steps

- 6.1 The new Durham Regional Official Plan, as modified and approved in part by the Minister of Municipal Affairs and Housing, came into effect on September 3, 2024. The Planning Act specifies that the decision of the Minister regarding an official plan adopted in accordance with section 26 of the Planning Act is final and not subject to appeal.
- 6.2 Ministerial approval of the new ROP will support the continuation of service and infrastructure planning to facilitate mandated levels of growth while supporting Durham's eight area municipalities as they initiate their own Official Plan Reviews.
- 6.3 A copy of this report, along with the provincial "Notice of Decision", will be posted to the project web page at durham.ca/EnvisionDurham. Once Regional staff have updated the approved ROP with the final modifications and deferral, the new ROP will also be posted to the project web page and circulated to our area municipalities.

7. Attachments

Attachment #1: Provincial Notice of Decision

Attachment #2: Provincial Decision

Attachment #3: [Regional Response to MMAH's Proposed Modifications to the Durham Regional Official Plan \(Second Submission\)](#)

Attachment #4: Letter from Minister of Municipal Affairs and Housing Paul Calandra to Regional Chair Henry, September 3, 2024

Respectfully submitted,

Original signed by

Brian Bridgeman, MCIP, RPP, PLE
Commissioner of Planning and
Economic Development

File No.:	18-OP-237796	Date of Decision:	September 3, 2024
Municipality:	Regional Municipality of Durham	Date of Notice:	September 3, 2024
Subject	All lands within the Regional		
Lands:	Municipality of Durham		

NOTICE OF DECISION

With respect to an Official Plan Section 17(34) of the *Planning Act*

A decision was made on the date noted above to modify and approve in part, the Region of Durham Official Plan, as adopted by By-Law No. 38-2023 with seventy-seven (77) modifications and a non-decision for mapping and policies related to northeast Pickering expansion lands.

Purpose and Effect of the Official Plan Amendment

The approval of Durham Region's Official Plan in part and as modified, repeals and replaces the in-effect official plan that was adopted by the Region in 1991, including all amendments thereto.

The approved Region of Durham Official Plan outlines a comprehensive land use policy framework to guide growth and development within the Region to the year 2051, including policies that: establish minimum density and intensification targets; appropriately phase future development and infrastructure; establish major transit station areas; provide for a wide range of housing options; provide for employment area planning; environmental and agricultural protection; public health and safety, and other matters. The seventy-seven (77) modifications to the official plan have been made to address provincial policy direction and government priorities related to growth management, transportation, transit, infrastructure, land use compatibility, agricultural uses, hazards and the protection of drinking water.

Please note, a decision is being withheld at this time on maps and policies related to proposed settlement area boundary expansions in northeast Pickering that overlaps with O. Reg 102/72 which the Minister of Municipal Affairs and Housing recently consulted on a proposal to amend.

The new official Plan applies to all lands within the Region of Durham.

Decision Final

Pursuant to subsections 17(36.5) and (38.1) of the *Planning Act*, the decision of the Minister of Municipal Affairs and Housing regarding an official plan adopted in accordance with section 26 of the Planning Act is final and not subject to appeal. Accordingly, the Durham Official Plan, as modified and approved in part by the Minister, came into effect on September 3, 2024.

Other Related Applications: None

Getting Additional Information

Additional information is available on the Region of Durham's website:

<https://www.durham.ca/en/doing-business/envision-durham.aspx>

Additional information is available during regular office hours at the Ministry of Municipal Affairs and Housing at the address noted below.

Ministry of Municipal Affairs and Housing
Municipal Services Office – Central Ontario (MSO-C)
777 Bay Street, 16th Floor
Toronto, Ontario, M7A 2J3

DECISION

With respect to New Region of Durham Official Plan Subsection 17(34) of the *Planning Act*

I hereby repeal the Region of Durham Official Plan adopted by By-law 103-91 as approved by the Ministry of Municipal Affairs and Housing on November 24, 1993, and subsequent amendments thereto. Furthermore, I hereby approve, as modified, the Region of Durham Official Plan, as adopted by the Region of Durham by By-law 38-2023, subject to the following modifications, as shown in Part A, with additions in **bold underline** and deletions in **~~bold strikethrough~~**. Part B identifies parts of the Official Plan where a decision is withheld.

PART A - MODIFICATIONS

1. Policy 3.3.24 d) is modified so that it reads:

"d) they do not disrupt the agricultural community **and impacts on the surrounding agricultural operations and lands are mitigated to the extent feasible.**"

2. Policy 3.3.31 is modified so that it reads:

"Consider new cemeteries subject to the following criteria:

a) for Prime Agricultural Areas, **there are no reasonable alternative locations which avoid Prime Agricultural Areas and the cemetery is located on lower priority lands in areas of lesser agricultural significance;**

b) there are no adverse impacts on the natural environment, hydrological features and surrounding land uses;

c) impacts from the cemetery on surrounding agricultural operations and lands are mitigated to the extent feasible;

dc) if locating adjacent to an operating landfill, the cemetery is sited in accordance with the Land Use Compatibility Guidelines, and any other guidelines and/or requirements issued by the province;

ed) the cemetery is no larger than 40 hectares within the Prime Agricultural Area.; and
f) within the Greenbelt Area, cemeteries are not permitted within the Prime Agricultural Areas."

3. Policies 3.3.39 d), e), and f) are modified so that they read:

"d) guide development, redevelopment, and intensification while protecting and preserving **built heritage resources buildings, and cultural heritage landscapes features and functions;**

e) support the restoration and where appropriate, the adaptive reuse of **built heritage resources buildings;**

f) provide an appropriate interface or transition between new developments and **protected heritage properties buildings** or heritage conservation districts;"

4. Policy 3.3.41 a) is modified so that it reads:

"adopt policies to protect and enhance cultural heritage resources in their official plans, **including the use of heritage impact assessments where development is proposed**"

adjacent to properties designated under the Ontario Heritage Act, heritage conservation districts and provincial heritage properties."

5. Policy 3.3.46 is modified so that it reads:

"Encourage area municipalities to **preserveconserve** and protect significant natural and cultural landscapes through the development process, including the Lake Ontario waterfront, the Lake Ontario Waterfront Trail, Lake Scugog, Lake Simcoe and the Rouge National Urban Park views and vistas."

6. Policy 3.3.50 is modified so that it reads:

"Ensure that, where archaeological resources are found to be of Indigenous **affiliation First Nation or Metis origin**, the proponent and/or their archaeological consultant are required to:

a) **where the finding takes place** through a Stage 2 archaeological assessment, provide a copy of the findings and receive a response from the **Indigenous community First Nation or Metis** identified as having cultural and/or local heritage within the area prior to development proceeding the subsequent stage of archaeological assessment; and

b) **during the through a** Stage 3 archaeological assessment, **engage notify** and receive a response from the **relevant Indigenous community First Nation or Metis** identified as having cultural and/or local heritage within the area **in the formulation of mitigation strategies advance of onsite assessment work.**"

7. Add a new policy 3.3.52 that reads:

"Encourage area municipalities to prepare archaeological management plans and cultural plans, where appropriate."

8. Policy 4.1.13 is modified so that it reads:

"Work with area municipalities, conservation authorities and other agencies to ensure stormwater management plans **encourage implementation of a hierarchy of source, lot-level, conveyance and end of pipe controls, to** address the impacts of a changing climate, and impacts from natural hazards, including through improved stormwater management design and the use of innovative technologies and best practices".

9. Policy 4.1.14 is modified so that it reads:

"Encourage area municipalities to include policies within their official plans to **implement source control programs that** reduce stormwater runoff volume and pollutant loadings within designated Urban Areas in the Lake Simcoe watershed, in accordance with the Lake Simcoe Protection Plan."

10. Policy 4.1.27 is modified so that it reads:

"Allow lands subject to Policy ~~9.1.2-b)~~ **9.2.12** located within the Uxbridge Urban Area **which are currently restricted from development due to servicing capacity**

constraints, to be considered for development without the need for a comprehensive review of this Plan ~~once a servicing solution is identified~~, and shall:

- a) have priority over expansions to the Uxbridge Urban Area; and
- b) be allocated any additional servicing capacity, in accordance with the relevant policies of the area municipal official plan."

11. Policy 4.1.39 is modified so that it reads:

"Investigate the long-term servicing of Urban Areas identified in Policy 4.1.38. Further expansions to these Urban Areas shall only be considered if there is a long-term plan in place to provide full municipal services and in accordance with applicable provincial plans.~~The applicable sewage and water infrastructure policies of the Greenbelt Plan also apply.~~"

12. Policy 5.1.14 g) is modified so that it reads:

"g) notwithstanding the intensification policies herein, ~~any~~ new or intensified development is not directed to within Floodplain Special Policy Areas, and shall be subject to the applicable provisions of the area municipal official plan."

13. Figure 11 – Strategic Growth Area Targets Table is modified by adding an asterisk (*) after the target for Protected Major Transit Station Areas and by adding the following note below the table:

"Notwithstanding the above, the Oshawa GO/VIA Protected Major Transit Station Area will be planned to achieve a minimum density target of 25 people and jobs per gross hectare".

14. Figure 11 – Strategic Growth Area Targets Table is modified by deleting footnote:

~~"Notwithstanding the above Minimum Transit Supportive Density Targets, where a Regional Centre is located along a Rapid Transit Corridor and is also comprised of a historic downtown, an area municipal official plan may establish an alternative density target for the Regional Centre provided the overall target for the area municipality is maintained."~~

15. The preamble of policy 5.2.6 and the associated subsection b) are modified so that they read:

"Require area municipalities to plan for Strategic Growth Areas by updating official plans, secondary plans and zoning by-laws to:

- b) Set out designate appropriate:
 - i) land use designations;
 - ii) establish minimum residential and employment density targets in accordance with Figure 11; and
 - iii) identify permissible built form standards, including minimum and maximum building heights;
 - iv) ~~establish minimum and maximum building heights."~~

16. Policy 5.2.8 e) is modified so that the first sentence reads:

"contributes to, recognizes, ~~preserves~~ and/or conserves ~~applicable built and~~ cultural heritage resources, in accordance with Section 3.3."

17. Add a new policy 5.2.11.1 which reads:

"Notwithstanding policies 5.2.10 and 5.2.11, the further refinement of the boundaries of Strategic Growth Areas shall only be undertaken in accordance with provincial plans and policy."

18. The preamble of Section 5.2 (after policy 5.2.14) 'Protected Major Transit Station Areas' is modified so that it reads:

"There are ~~seven~~ **eight** Protected Major Transit Station Areas located within southern Durham along the Lakeshore East GO Train line. ~~Three~~ **Four** Protected Major Transit Station Areas surround existing stations in Pickering, Ajax, ~~and~~ Whitby, ~~and~~ **Oshawa**, and four new stations are being planned along the GO East Extension, two of which are in the City of Oshawa (Thornton's Corners and Central Oshawa) and two of which are in the Municipality of Clarington (Courtice and Bowmanville)."

19. Policy 5.2.17 is modified to add the following new subsection:

"c) any land use that would adversely affect the achievement of the minimum density target,"

20. Policy 5.2.18 is modified so that it reads:

"Not permit sensitive land uses, notwithstanding any other policies of this Plan to the contrary, **at the following locations:**

a) on the lands located within the existing Oshawa GO/VIA Protected Major Transit Station Area in the City of Oshawa, due to surrounding industrial uses, railway and highway infrastructure; and,

b) on the lands located within the Courtice Protected Major Transit Station Area, east of Courtice Road and south of Baseline Road in the Municipality of Clarington, due to proximity to the Darlington Generating Station"

21. Policy 5.2.23 i) is modified so that it reads:

"Include plans to accommodate multimodal access to Protected Major Transit Station Areas by accounting for the retention or replacement of existing station access infrastructure (pedestrian, bus, cycle, pick-up and drop-off, and vehicle parking) and give priority to local and inter-regional transit, active transportation and passenger pick-up and drop off. Include plans for as well as the protection for future facility expansion when new development on existing GO Station land is proposed;"

22. Add a new policy 5.2.23 m) which reads:

"Require, where development is proposed adjacent or in the vicinity of MTO permit control areas, a transportation impact study be undertaken to determine the impacts of proposed development and intensification on highway interchange nodes within the Ministry's permit control area."

23. Add a new policy 5.2.23.1 which reads:

"Notwithstanding policies 5.2.15 to 5.2.23, the existing Oshawa GO/VIA station is to be planned for Employment Area permitted uses only with a minimum density target of 25 people and jobs per hectare."

24. Add a new policy 5.4.5.1 that reads:

"Development within the designated greenfield area shall be planned to achieve a minimum density target of not less than 53 people and jobs per hectare."

25. The preamble of section 5.7.2 is modified so that it reads:

"Require Area Municipalities to update ~~Consider support for amendments to an area municipal their~~ official plans to designate a ~~supply of~~ land for development up to the time frame of this Plan, including Settlement Area Boundary Expansions to the extent of the Region's Urban Area Boundary as shown on Map 1, provided that the amendment:"

26. Policy 6.2.8 is modified by adding a new subsection that reads:

"c) Notwithstanding policy 6.2.8 b), within the Greenbelt Area, uses are limited to those permitted by the applicable provincial plans."

27. Policy 6.4.5 c) and 6.4.6 c) are modified so that they read:

"c) ~~within the Protected Countryside of the Greenbelt Plan Area,~~ the dwelling was in existence ~~in accordance with the date set out in the applicable provincial plans of December 16, 2004;~~"

28. Policy 6.7.4 is modified so that it reads:

"Ensure that the development of mineral aggregate operations and wayside pits shall, where applicable, conform with ~~the provincial plans and policies Oak Ridges-Moraine Conservation Plan and the Greenbelt Plan,~~ where applicable, in addition to the policies of this Plan."

29. Add a new policy 6.7.24 which reads:

"6.7.24 Ensure the rehabilitation of mineral aggregate extraction sites in Prime Agricultural Areas is undertaken in accordance with applicable provincial plans and policy."

30. Policy 7.1.11 b) is modified so that it reads:

"demonstrate that the use is appropriate for location in the Major Open Space Area and, apart from recreational uses, cemeteries, and mineral aggregate extraction, is small in scale and serves the resource and agricultural sectors;"

31. Add a new Policy 7.4.4 e) that reads:

"e) notwithstanding a) to d) above, stewardship, conservation, restoration and remediation undertakings, and flood and erosion control projects may be permitted if they are demonstrated to be necessary in the public interest and after all alternatives have been considered."

32. The preamble of policy 7.4.15 is modified so that it reads:

"Require that any proposal for development or site alteration in proximity to key natural heritage features or key hydrologic features include an environmental impact study as part of a complete application. The Region, in consultation with the area municipality, the conservation authority having jurisdiction if a conservation authority permit will be required and the Lake Simcoe Region Conservation Authority where applicable conservation authority and applicant, may select and retain a qualified environmental consultant to peer review the study at the applicant's expense. Such a study shall apply to the area to be developed, or may be expanded to include additional lands, as may be deemed necessary by the Region, in consultation with the area municipality, the Lake Simcoe Region Conservation Authority where applicable conservation authority and any other appropriate agency, and it shall address the following:"

33. Policy 7.4.15 j) is deleted in its entirety:

~~"j) the need for ecosystem compensation, as directed by the area municipality, if avoidance and mitigation are not possible, in accordance with Section 7.7;"~~

34. Policy 7.4.22 is modified so that it reads:

"Prohibit development and site alteration within significant woodlands, as verified by an appropriate site-specific study, such as an environment impact study. Notwithstanding, mineral aggregate operations may be permitted within significant woodlands provided the applicable policy requirements of provincial plans and policies are satisfied."

35. Policy 7.4.27 is modified so that it reads:

"Prohibit development and site alteration within provincially significant wetlands, significant coastal wetlands and wetlands within provincial natural heritage system areas, in accordance with Policies 7.4.10 to 7.4.18. Notwithstanding, mineral aggregate operations may be permitted within non-significant wetlands, provided the applicable policy requirements of provincial plans and policies are satisfied."

36. Policy 7.5.8 is modified so that it reads:

"Discourage alterations to watercourses and permanent and/or intermittent streams. Minor adjustments to watercourses and permanent and/or intermittent streams may be considered by the conservation authority having jurisdiction **in accordance with regulations under the Conservation Authorities Act where evidence can be provided that such alterations will not have an adverse effect on the functions of the watercourse or permanent and/or intermittent stream, including aquatic habitat.**"

37. Policy 7.5.13 is modified so that it reads:

"Require that area municipalities include policies and appropriate designations within their official plans, informed by watershed planning, that provide for the long-term protection of **key hydrologic features**, key hydrologic areas, **and their functions**".

38. Policies 7.5.33, 7.5.34 and 7.5.35 are modified to replace the words "the Beaverton intake protection zone - 1" where they occur, with the words "**any intake protection zone**".

39. Policy 7.6.11 is modified so that it reads:

"Require area municipalities to ensure hazardous forest types for wildland fire are considered through an environmental impact study when development is proposed in or adjacent to areas at risk for wildland fire, ~~as identified by Ministry of Northern Development, Mines, Natural Resources and Forestry mapping, or local refinements where available.~~"

40. Add new policies 7.6.12.1 and 7.6.12.2 which read:

7.6.12.1 Wildland fire mitigation measures shall not be permitted in significant wetlands and significant coastal wetlands.

7.6.12.2 Wildland fire mitigation measures shall not be permitted in significant woodlands, significant valleylands, significant wildlife habitat, significant areas of natural and scientific interest, coastal wetlands and fish habitat as well as adjacent lands unless it has been demonstrated that there will be no negative impacts on the natural features or their ecological functions.

41. Objective iii) in Section 7.7 is deleted in its entirety and Objective iv) is renumbered to Objective iii):

~~"iii) Promote the use of ecosystem compensation when avoidance and mitigation of natural features is not possible.~~

iviii) Promote the increase in public ownership of natural heritage and natural hazard lands through land securement."

42. The Ecosystem Compensation Section, including the preamble and policies 7.7.11, 7.7.12 and 7.7.13, are deleted in their entirety.

43. Policy 8.1.9 is modified so that it reads:

"Encourage and work with Metrolinx, provincial, municipal and federal governments to realize plan for improved inter-regional transit connections, including Freeway Transit and Other Transit Connections designated on Map 3a."

44. Policy 8.3.7 is modified so that it reads:

"Request that the province ~~continue to~~ Work with the province to investigate the feasibility of implementing dedicated commuter parking lots along Highways 407, 412 and 418 as identified through section 8.1.2, and along other provincial highways, to support carpooling and inter-regional transit use."

45. Policy 8.4.8 is modified so that it reads:

"Recognize the importance of the current and planned expansions to the provincial freeway highway system, ~~including Highways 401-404, 407, 412, 418 and 416,~~ in fostering planning for continued economic development, supporting goods movement, and accommodating Freeway inter-regional transit ~~and reducing the burden of long distance travel on the Region's arterial road network."~~

46. Policy 8.4.9 is modified as follows:

i), Modifying the first sentence to read: "Support improvements to the provincial freeway and highway network ~~by encouraging the accelerated implementation of such as:~~" , and

ii) modifying subsection d) so that it reads: "~~d) modifications to the~~ realignment of the Highway 7/12 intersection at Thickson Road ~~, subject to further study by the Town of Whitby and MTO, that~~ may be updated without amendment to this Plan."

47. Add new policy 8.4.10.1 that reads:

"Ensure MTO is consulted on all proposed development that is adjacent to or in the vicinity of provincial highways within MTOs permit control area under the Public Transportation and Highway Improvement Act."

48. Policy 8.4.11 is deleted in its entirety:

~~"Encourage MTO to construct the Highway 407 interchanges at Westney Road, Salem Road and Thornton Road, Highway 412 interchange at Rossland Road, and complete the Highway 401/Lake Ridge Road interchange, which were approved in the Highway 407 East Environmental Assessment study but deferred from initial construction."~~

49. Policy 8.4.12 is deleted in its entirety and replaced with a new policy 8.4.12 that reads:

"Support the further study of Conceptual Future Interchanges to improve freeway access and support development, in consultation with MTO, on Highways 401 and 407 as designated on Map 3b."

50. Policy 8.4.13 a) is modified so that it reads:

"a) Advocating the importance of inter-regional transportation improvements such as the widening of Steeles Avenue (west of Beare Road) and Highway 7 (west of Brock Road), ~~including advocating the provincial government to take a leadership role in their implementation~~; and"

51. Policy 8.5 is modified as follows:

- i) Delete Objective iii) and replace with: "iii) Ensure the long-term operation and economic role of road, air, rail and marine facilities for goods movement is protected."
- ii) Add a new objective which reads: "iv) Ensure that goods movement facilities and sensitive land uses are appropriately designed, buffered and/or separated from each other to mitigate noise and vibration impacts to adjacent land uses."

52. Delete Policy 9.1.2 b) in its entirety:

~~"b) Special Study Areas 2 and 3 apply to lands located within the Uxbridge Urban Area. These areas are considered Future Residential Development in the Uxbridge Official Plan and can be considered for development when the phasing considerations of the Uxbridge Official plan are satisfied. An amendment to this Plan to designate these lands for development shall be subject to the consideration of the following:~~

- ~~i) the amount and rate of development that has occurred in the area designated Community Area; and~~
- ~~ii) the availability of servicing capacity."~~

53. The first sentence of policy 9.1.2 c) is modified so that it reads:

~~"e)b)~~ Special Study Area ~~4-2~~ applies to lands designated as Waterfront Area south of Highway 401, west of Courtice Road/Courtice Shores Drive, east of Darlington Provincial Park and north of the Lake Ontario shoreline in the Municipality of Clarington."

54. The first sentence of policy 9.1.2 d) is modified so that it reads:

~~"d)c)~~ Special Study Area ~~5-3~~ recognizes the Special Policy Area identified in accordance with the Provincial Policy Statement that applies to lands within the Rapid Transit Corridor, along Highway 2, that are west of Duffins Creek in Ajax and Pickering comprised of historical development within the floodplain."

55. Policy 9.1.2 e) is deleted in its entirety:

~~"Special Study Area 6 applies to the lands removed from the Greenbelt Plan Area by the Province of Ontario within the City of Pickering, Town of Ajax and Municipality of Clarington. In accordance with the province, the following~~

~~conditions must be addressed to the satisfaction of the province, or it will initiate the process to return the lands back to the Greenbelt Plan Area:~~

- ~~i) significant progress on approvals is to be achieved by the end of 2023;~~
- ~~ii) construction of new homes is to begin on these lands by no later than 2025; and~~
- ~~iii) proponents will fully fund the necessary infrastructure upfront. If these conditions are addressed to the satisfaction of the province, the lands may be included within the Urban Area Boundary, and the population, household and employment forecasts may be revised to reflect the provision of additional housing supply in these areas.~~

56. The subtitle after policy 9.2.1 is modified so that it reads:

"Specific Policy Area A – Seaton Urban Area & Duffins Rouge Agricultural Preserve".

57. Policies 9.2.6 through 9.2.10 are renumbered as 9.2.7 through 9.2.11 respectively, and a new policy 9.2.6 is inserted (after policy 9.2.5) that reads:

"In addition to the applicable policies of the Greenbelt Plan and the implementing policy framework set out in this Plan, lands within the Duffins Rouge Agricultural Preserve are also subject to the Duffins Rouge Agricultural Preserve Act, 2023."

58. Add new "Specific Policy Area" sub-section "E" and new Policy 9.2.12 that reads:

"Specific Policy Area E – Uxbridge

It is the policy of Council to:

9.2.12 Apply this policy to lands within the Uxbridge Urban Area. Development on these lands shall be subject to the availability of servicing capacity. The capacity of municipal services is limited and will be regularly monitored to ensure that development approvals do not exceed available capacity. To manage development in an orderly and sequential manner that efficiently uses existing infrastructure, the Region shall continue to encourage infill development within the Uxbridge Urban Area in accordance with the relevant policies of the area municipal official plan."

59. Policy 10.2.5 c) is modified so that it reads:

~~"submission of a signed Record of Site Condition (RSC) to the Ministry of the Environment, Conservation and Parks (MECP) for the subject lands. The RSC must be to the satisfaction of the Region, and the Municipality of Clarington, **and including an Acknowledgement of Receipt of the RSC by the** MECP; and"~~

60. Policy 10.4.20 is modified by adding the following new subsections:

"10.4.20 fff) a surplus farm dwelling rendered surplus from the parcel identified as Assessment No. 18-39-010-003-14300 located in Part of Lot 6, Concession 5, former Township of Thorah, in the Township of Brock, subject to the inclusion of the provisions in the zoning by-law to prohibit the establishment of any dwellings

on the retained parcel in accordance with the Provincial and Regional policies, no further severance of the property is permitted;

10.4.20 ggg) a surplus farm dwelling is severed from the parcel identified as Assessment No. 18-39-050-005-28300 located in Part of Lots 17 and 18, Concession 7 in the Township of Brock, subject to the inclusion of provisions in the zoning by-law to prohibit the establishment of any dwellings on the retained parcel. In accordance with Provincial and Regional policies no further severance of property is permitted;"

10.4.20 hhh) a surplus farm dwelling rendered surplus from the parcel identified as Assessment No.18-17-010-110-06100 located in Part of Lots 7 and 8, Concession 6, former Township of Darlington, in the Municipality of Clarington, subject to the inclusion of the provisions in the zoning by-law to prohibit the construction of any new dwelling on the retained parcel; and the use of the existing barn for housing livestock. In accordance with Provincial and Regional policies, no further severances of the property are permitted;"

10.4.20 iii) a surplus farm dwelling rendered surplus from the parcel identified as Assessment No. 1817-030-080-13500 located in Part of Lot 1, Concession 5, in the Municipality of Clarington, subject to the inclusion of the provisions in the zoning by-law to prohibit the construction of any new dwelling on the retained parcel; and the use of the existing barn for housing livestock. In accordance with Provincial and Regional policies, no further severances of the property are permitted;"

61. Add a new policy 10.5.9, which reads:

"Permit, notwithstanding any other provision of this Plan, ancillary uses to the existing major recreational use including a hotel up to five storeys in height and an expanded parking area are permitted on lands located on the south side of Elgin Park Drive west of Concession 7, east of Howard Williams Court, identified as Assessment 18-29-040-009-00500 in Part of Lot 27 Concession 6, in the Township of Uxbridge. Prior to any development taking place, the following conditions shall be fulfilled to the satisfaction of the Region of Durham, the Township of Uxbridge, and the Lake Simcoe Region Conservation Authority:

a) that any negative impacts on identified natural heritage features and their functions as well as Species of Concern and Species at Risk will be properly mitigated; and

b) that any tree removal that occurs as a result of the development of the proposed hotel and expanded parking area will be compensated based on the requirements of the Ecological Offsetting Policy of the Lake Simcoe Region Conservation Authority."

62. Map 1 of the Official Plan is modified as follows:

- i) Delete "Special Study Area 2" and "Special Study Area 3" overlays in the Township of Uxbridge and replace them with a Specific Policy Area overlay labelled as "Specific Policy Area E".

- ii) Revise the "Special Study Area 4" overlay label in Clarington (Courtice Waterfront Area) so that it reads "**Special Study Area 2**".
- iii) Revise the "Special Study Area 5" overlay label in Pickering/Ajax (along a portion of the Highway 2 Rapid Transit Corridor) so that it reads "**Special Study Area 3**".
- iv) delete Special Study Area #6 from lands in the City of Pickering and Town of Ajax and redesignate to Agricultural Area; and
- v) delete Special Study Area #6 from lands in the Municipality of Clarington and redesignate to Major Open Space Area.
- vi) Delete the boundary of Rural Employment Area No. 2 in the Township of Uxbridge and replace it with the boundary as it was shown on Map 1 – Regional Structure – Urban and Rural System, in the 1993 Regional Official Plan, as amended

63. Map 2a of the Official Plan is modified as follows:

- i) Delete 'Special Study Area 6' and its associated boundaries in the City of Pickering, Town of Ajax, and Municipality of Clarington.
- ii) Delete "Special Study Area 2" and "Special Study Area 3" overlays in the Township of Uxbridge.
- iii) Revise the "Special Study Area 4" overlay label in Clarington (Courtice Waterfront Area) so that it reads "**Special Study Area 2**".
- iv) Revise the "Special Study Area 5" overlay label in Pickering/Ajax (along a portion of the Highway 2 Rapid Transit Corridor) so that it reads "**Special Study Area 3**".

64. Maps 1, 3a, 3b, 3c, 3d, and 3e of the Official Plan are modified by adjusting the boundary of Specific Policy Area A, in the City of Pickering to add the lands identified in Schedule 1 to the Duffins Rouge Agricultural Preserve Act, 2023.

65. Map 2b of the Official Plan is modified by identifying the lands, formerly identified as "Special Study Area #6" in the City of Pickering and Municipality of Clarington, as Greenbelt Natural Heritage System, as the system is depicted on Schedule 4 of the Greenbelt Plan.

66. Maps 2b, 2c, and 4 of the Official Plan are modified by identifying the lands, formerly identified as "Special Study Area #6" in the City of Pickering, Town of Ajax and Municipality of Clarington, as Protected Countryside.

67. Modify Maps 3a, 3b, 3c, 3d and 3e as follows:

Add a new "Specific Policy Area E" overlay and corresponding label to lands in the Township of Uxbridge that were previously identified as "Special Study Area 2" and "Special Study Area 3" on Map 1 of the Official Plan as adopted by Council on May 17, 2023.

68. Map 3b of the Official Plan is modified by:

- i) deleting the words "Existing Interchange to be Removed" from the legend and replacing the associated symbol on the map with the 'Existing Interchange' symbol, and
- ii) replacing the words, "Future Interchange" in the legend with the words, "**Conceptual Future Interchange**".

69. Map 3c of the Official Plan is modified by identifying the following road segments as part of the Strategic Goods Movement Network:

- King St, between Bowmanville Avenue and Highway 418
- King Avenue / Regional Highway 2, between Highway 35/115 to the region's eastern municipal boundary
- Ganaraska Rd, between Highway 35/115 to the region's eastern municipal boundary.

70. Add the following new definition to the Glossary:

"Agricultural Condition: in regard to prime agricultural land, means a condition in which substantially the same areas and same average soil capability for agriculture are restored."

71. Modify the definition of Significant Woodlands in the Glossary so that it reads:

"Significant Woodlands: at the regional scale are identified as:

- a) any woodland occurring within the Urban or Whitebelt Area which is two hectares in size or larger; or
- b) any woodland occurring within the Rural Area, which is 10 hectares in size or larger;
- c) any woodland occurring within the Urban or Whitebelt Area which is one hectare in size or larger or any woodland occurring within the Rural Area, which is four hectares in size or larger; and
 - i) occurs within 30 metres of significant natural heritage feature, **unevaluated any** wetland greater than 0.5 hectares in size, or fish habitat; or
 - ii) occurs wholly within an identified linkage area; or
- d) any woodland occurring within the Urban or Whitebelt Area which is one hectare in size or larger or any woodland occurring within the Rural Area, which is four hectares in size or larger; and **supports includes:**
 - i) a vegetation community with a provincial ranking of S1, S2, or S3 as designated by the Natural Heritage Information Centre;
 - ii) rare, uncommon species or species with a restricted habitat preference; or
 - iii) characteristics of older woodlands, including:
 - i. woodlands having 10 or more trees per hectare greater than 100 years old; or
 - ii. woodlands having 10 or more trees per hectare at least 50 centimetres in diameter, or a basal area of eight or more square metres in trees that are at least 40 centimetres in diameter.

e) notwithstanding, for woodlands occurring within the Oak Ridges Moraine or the Greenbelt Natural Heritage System, significant woodlands are based on the provincial criteria developed for the Oak Ridges Moraine Conservation Plan and the Greenbelt Plan."

72. Add the following new definitions to the Glossary:

"Areas of archaeological potential: means areas with the likelihood to contain archaeological resources. Criteria to identify archaeological potential are established by the Province. The Ontario Heritage Act requires archaeological potential to be confirmed by a licensed archaeologist.

Built heritage resource: means a building, structure, monument, installation or any manufactured or constructed part or remnant that contributes to a property's cultural heritage value or interest as identified by a community, including an Indigenous community. Built heritage resources are located on property that may be designated under Parts IV or V of the Ontario Heritage Act, or that may be included on local, provincial, federal and/or international registers.

Conserved: means the identification, protection, management and use of built heritage resources, cultural heritage landscapes and archaeological resources in a manner that ensures their cultural heritage value or interest is retained. This may be achieved by the implementation of recommendations set out in a conservation plan, archaeological assessment, and/or heritage impact assessment that has been approved, accepted or adopted by the relevant planning authority and/or decision-maker. Mitigative measures and/or alternative development approaches can be included in these plans and assessments.

Cultural heritage landscape: means a defined geographical area that may have been modified by human activity and is identified as having cultural heritage value or interest by a community, including an Indigenous community. The area may include features such as buildings, structures, spaces, views, archaeological sites or natural elements that are valued together for their interrelationship, meaning or association. Cultural heritage landscapes may be properties that have been determined to have cultural heritage value or interest under the Ontario Heritage Act, or have been included on federal and/or international registers, and/or protected through official plan, zoning by-law, or other land use planning mechanisms.

Protected heritage property: means property designated under Parts IV, V or VI of the Ontario Heritage Act; property subject to a heritage conservation easement under Parts II or IV of the Ontario Heritage Act; property identified by the Province and prescribed public bodies as provincial heritage property under the Standards and Guidelines for Conservation of Provincial Heritage Properties; property protected under federal legislation, and UNESCO World Heritage Sites."

73. The third paragraph of 'Environmental Impact Study' under the Application/ Development Scenario column in Table 1 is modified so that it reads:

"Prior to the submission of any application, applicants shall confirm the scope of any potential environmental study requirements with the Region, and area municipality and

~~the conservation authority~~ to determine whether the study will be prepared by a consultant retained by the Region, or by the applicant. In those instances where the study is prepared by the Region, an application shall not be deemed to be a 'complete application' until such a time the study has been completed."

74. Table 1 is modified by changing the description of Transportation Impact Study in the second column so that it reads:

"A Transportation Impact Study (TIS) is required for any proposal for development or site alteration in proximity to a Regional Road. A TIS may be required by the Ministry of Transportation (MTO) as part of the permit application process to determine the extent to which highway improvements are required as a direct result of proposed construction or development within the MTO permit control area and adjacent to a provincial highway. In such cases, the requirement for the study shall be determined on a case-by-case basis, in consultation with the MTO."

75. Table 1 is modified to include the following new study (after Fiscal Impact Study) as part of a complete application:

"Heritage Impact Assessment: A Heritage Impact Assessment will be required for development on properties adjacent to protected heritage properties and for development on properties included in an area municipality's Heritage Register."

76. The 'Area of Natural and Scientific Interest' row in Table 7 is modified by replacing "(earth science)" with "(life science)" where it appears in the Greenbelt and Oak Ridges Moraine Conservation Plan columns.

77. Table 7 is modified by adding a new column titled, "Provincial Policy Statement" and adding indicator dots in the following rows: Habitat of Endangered and Threatened Species, Fish Habitat, Areas of Natural and Scientific Interest, Significant Valleylands, Significant Woodlands, Significant Wildlife Habitat, and Wetlands. Beside the new indicator dot added for wetlands, include the following note: "(significant wetlands, significant coastal wetlands, coastal wetlands)"

PART B: A decision is withheld on the following matters:

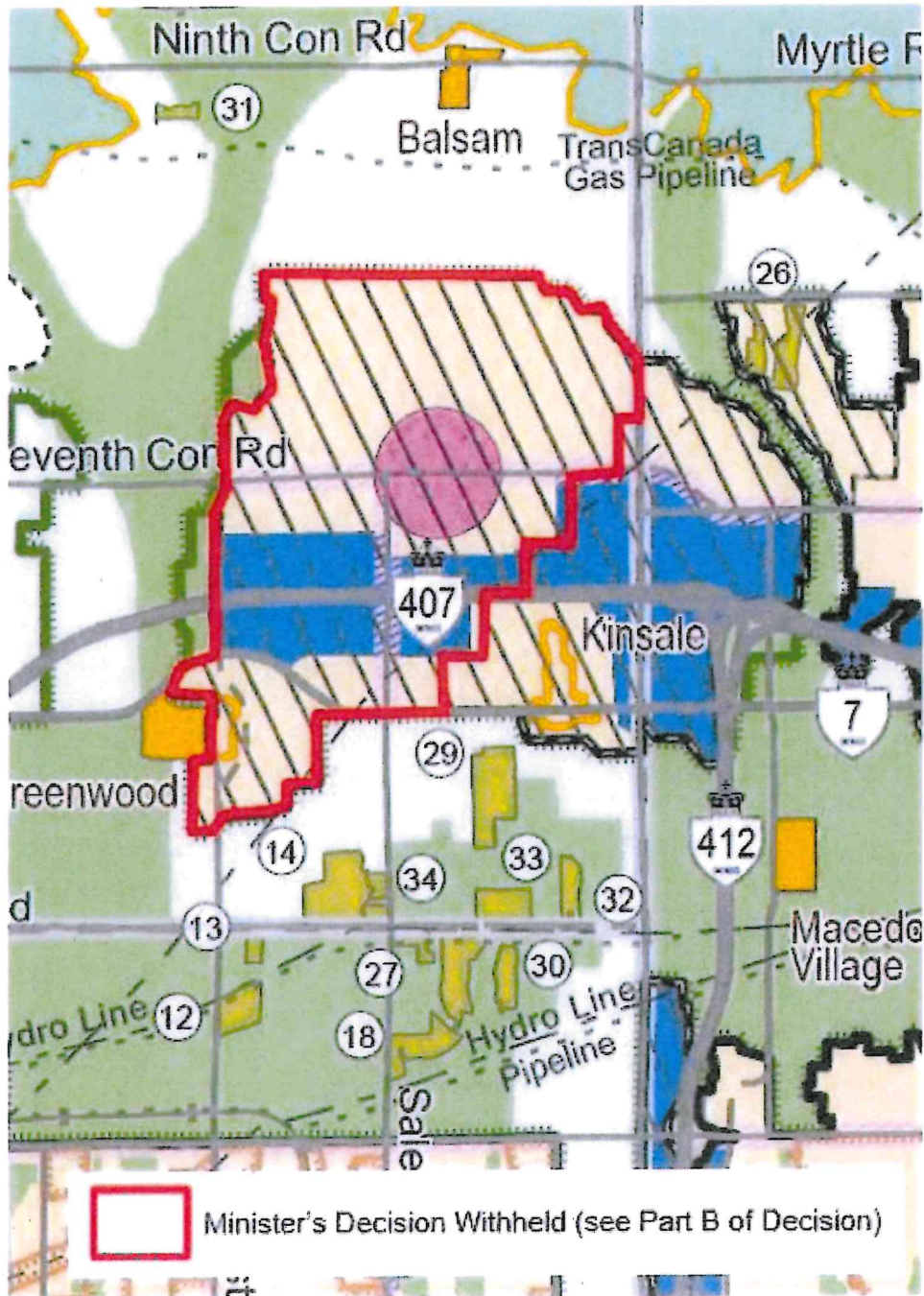
1. Figure 2 – Population, employment and household allocations table, but only as it relates to rows and columns for Pickering and Durham for lands within the 2051 Urban Expansions Areas overlay, that overlap with Minister's Zoning Order 102/72, outlined in red in Appendix 1.
2. Figure 9 – Intensification targets table, but only as it relates to rows and columns for Pickering and Durham.
3. Policy 5.7.8 b) in its entirety.
4. Map 1, but only as it relates to lands in the City of Pickering, that are within the 2051 Urban Area Expansions overlay, that overlap with Minister's Zoning Order 102/72, outlined in red in Appendix 1.
5. Maps 2a, 3a, 3b, 3c, 3d, 3e and 4 of the Official Plan, but only as they relate to the 2051 Urban Expansion Areas overlay and Urban Area in the City of Pickering, that overlap with Minister's Zoning Order 102/72, outlined in red in Appendix 1.

Dated at Toronto this 3rd day of September, 2024



Hannah Evans, Assistant Deputy Minister
Municipal Services Division
Ministry of Municipal Affairs and Housing

Appendix 1
(Minister's Decision on Durham Region Official Plan)



**Ministry of
Municipal Affairs
and Housing**

Office of the Minister

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**Ministère des
Affaires municipales
et du Logement**

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234-2024-4229

September 3, 2024

John Henry
Regional Chair and CEO
Regional Municipality of Durham
605 Rossland Road East,
Whitby, Ontario,
L1N 6A3
john.henry@durham.ca

**Re: Region of Durham 2023 Official Plan
MMAH File No.: 18-OP-237796**

Dear Chair Henry,

I am pleased to inform you that the Durham Regional Official Plan was approved in part, with modifications, on September 3, 2024, and is now in effect.

A decision has been deferred on policies and mapping for the northeast Pickering urban expansion lands in the Durham Regional Official Plan that overlap with O. Reg 102/72. Moreover, I have not made a decision on the proposed MZO amendment to O. Reg 102/72 at this time.

The deferral of a decision on the lands in Northeast Pickering is intended to allow time for Durham Region, the City of Pickering and Indigenous communities to work together to review the concerns raised by Indigenous communities regarding future development of the northeast Pickering lands and discuss any possible solutions for a path forward.

The approval of the majority of the Durham Regional Official Plan will allow for planning processes outside of northeast Pickering to move forward, and for lower-tier municipalities to proceed with updating their local official plans.

.../2

Staff at the Ministry of Municipal Affairs and Housing will follow up with your staff to set up one-on-one meetings with the Region, the City and Indigenous communities on next steps. I am confident that the Region and the City will aim to work expeditiously towards finding a path forward on these matters.

Yours sincerely,



Hon. Paul Calandra
Minister of Municipal Affairs and Housing

cc: Martha Greenberg, Deputy Minister, Ministry of Municipal Affairs and Housing
Hannah Evans, Assistant Deputy Minister, Ministry of Municipal Affairs and Housing
Elaine Baxter-Trahair, Chief Administrative Officer, Regional Municipality of Durham
Brian Bridgeman, Commissioner of Planning and Economic Development, Regional Municipality of Durham
Collen Goodchild, Director of Planning, Regional Municipality of Durham

If this information is required in an accessible format, please contact 1-800-372-1102 ext. 2564.



The Regional Municipality of Durham Information Report

From: Commissioner of Planning and Economic Development
Report: #2024-INFO-58
Date: September 13, 2024

Subject:

Update on DECAC Resolution, Re: Pollinator and Perennial Plots on Regional properties and Rights-of-Way

Recommendation:

Receive for information

Report:

1. Purpose

1.1 The purpose of this report is to provide an update on the work underway to investigate, and where feasible, implement perennial and/or pollinator plots in peripheral areas of Regional roadways and properties.

2. Background

2.1 The Durham Environment and Climate Advisory Committee (DECAC) passed a resolution at its meeting on June 15th, 2023 recommending that the Planning and Economic Development Committee and subsequently Regional Council request staff to investigate the possibility of a perennial/pollinator plot pilot on Regional lands and report back to DECAC.

2.2 The resolution was presented to the Planning and Economic Development Committee and endorsed at its meeting on October 3rd, 2023 and subsequently by Regional Council at its meeting on October 25th, 2023.

2.3 The role of DECAC is to provide advice to the Region on environmental and climate-related matters. The Committee also has a role in implementing and participating in community outreach programs and stewardship that support environmental awareness and appreciation, as outlined in the 2024 DECAC Workplan.

3. Previous Reports and Decisions

3.1 In January 2024, Council considered DECAC's 2023 Annual Report, 2024 Workplan and Terms of Reference through Report [#2024-P-2](#).

4. Scope and Workplan

4.1 Following Regional Council's decision, staff from the Planning and Economic Development and Works departments, as well as the CAO's Office conducted a scoping exercise to identify a workplan and next steps for implementing pollinators on Regional property and rights-of-way. The outcomes of the exercise included:

- A reinforced need for preserving pollinator habitats along Regional facilities and Rights of Way by aligning the goals and outcomes of this project with the "Environmental Sustainability" goals identified in the Region's Strategic Plan;
- A discussion on the feasibility of updating roadside maintenance operations occurring in the Spring that overlap with important breeding and growing time periods for natural habitats of pollinators and wildlife;
- Identification of staff resources within the Planning and Economic Development and Works departments, and the CAO's Office;
- Identification of potential resources, partnerships, and funding opportunities with external organizations and area municipalities; and
- A workplan for investigating a pilot program further and a scalable plan for future Region-wide implementation.

4.2 In implementing the workplan, staff conducted background research on pollinators on rights-of-way, identified potential locations for pollinator plantings in the region, and applied for funding to expedite a pilot project in 2024.

5. The Pollinator Restoration Pilot

5.1 Durham Region was the successful recipient of the 2024 round of Canadian Wildlife Federation (CWF) GTHA Right-of-Way Habitation Restoration funding in the amount of \$8,000 to pilot pollinator restoration at regional depots and roadsides, with additional funding for signage.

5.2 The restoration pilot will be conducted at two potential Regional sites:

- A 65 square metre site located on the periphery of the Scugog Works Depot; and
- A small portion along Lakeridge Road, immediately south of Regional Road 21 in Scugog.

5.3 Excavation of the initial site at the Scugog Depot will begin in late September, following soil solarization of the site in preparation. Planting is expected to occur in late Fall 2024, allowing the seeds to overwinter. Staff from the Scugog Works Depot will ensure maintenance of the site throughout the pilot.

6. Relationship to Strategic Plan

6.1 This report aligns with/addresses the following strategic goals and priorities in the Durham Region Strategic Plan:

- Goal 1: Environmental Sustainability's objective: To protect the environment for the future by demonstrating leadership in sustainability and addressing climate change.

7. Conclusion

7.1 This report was prepared by the Planning & Economic Development Department in consultation with staff in the Works – Maintenance Operations and Fleet Services department.

7.2 The pollinator plots are expected to bloom in Spring 2025. Staff will monitor growth and impacts on local pollinator habitats during the Spring and Summer of 2025.

Respectfully submitted,

Original signed by

Brian Bridgeman, MCIP, RPP, PLE
Commissioner of Planning and
Economic Development



The Regional
Municipality of
Durham

Works Department

Memorandum

Date: September 13, 2024

To: Regional Chair Henry and Members of Regional Council

From: Ramesh Jagannathan, MBA, M.Eng., P.Eng., PTOE,
Commissioner of Works

Copy: Elaine Baxter-Trahair, Chief Administrative Officer
Andrew Evans, M.A.Sc., P.Eng., Director, Waste
Management Services

Subject: Durham York Energy Centre
Quarterly (Q1 – 2024) Long-Term Sampling System Report

The attached report for the first quarter (Q1) of 2024 provides details with respect to data related to the Long-Term Sampling System (LTSS) at the Durham York Energy Centre (DYEC), referred to as the AMESA system.

This report includes AMESA data collected from January 23, 2024, to May 10, 2024, and is structured as follows:

1. Sections 1 and 2 provide background,
2. Sections 3 to 8 provide specific quarterly AMESA data,
3. Section 9 provides ambient air data for the same time period.

End of Memo

Attachment: DYEC LTSS Quarterly (Q1 – 2024) Report
(January 2024, to May 2024)



Durham York Energy Centre
Long-Term Sampling System
Quarterly (Q1) Report
January 2024-May 2024

Prepared by

The Regional Municipality of Durham

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1. Introduction

This report provides additional details with respect to the reporting of operational data related to the AMESA Long-Term Sampling System (LTSS) for dioxins and furans at the Durham York Energy Centre (DYEC).

This report covers the first quarter (Q1) of 2024 and includes AMESA data collected from January 23, 2024, to May 10, 2024.

2. Background

To meet the requirements of Environmental Compliance Approval (ECA) Condition 7(3), a continuous sampling system (the Adsorption Method for Sampling dioxins and furans (AMESA) LTSS), is installed on each of the two boiler units at the DYEC to sample dioxins and furans.

The operation of the AMESA system was initiated in 2015 and has been maintained in accordance with current guidance from the AMESA manufacturer, the North American vendor ENVEA, and the AMESA Technical Manual.

The AMESA system is used only for the purpose stated in ECA Condition 7(3), which relates to dioxins and furans emissions trend analysis and evaluation of Air Pollution Control equipment performance. The AMESA results themselves do not constitute a compliance point for the facility operations.

ECA Condition 7(3), Testing, Monitoring and Auditing Long-Term Sampling for dioxins and furans, states:

- a) The Owner shall develop, install, maintain, and update as necessary a long-term sampling system, with a minimum monthly sampling frequency, to measure the concentration of dioxins and furans in the Undiluted Gases leaving the Air Pollution Control (APC) Equipment associated with each boiler.
- b) The Owner shall evaluate the performance of the long-term sampling system in determining dioxins and furans emission trends and/or fluctuations as well as demonstrating the ongoing performance of the APC Equipment associated with the boilers.

AMESA results are available at the site when requested by the Ministry of Environment, Conservation and Parks (MECP) and reported to the MECP as part of the Annual Report required by ECA Approval Condition 15 and posted to the DYEC website.

As the results of the LTSS AMESA sampling are reported annually as a 12-month rolling average to the MECP and contained in the Annual Report, a request from the public was suggested to provide more frequent updates. In 2021, Council issued a directive to enhance the frequency of updates. Hence, verified, and calculated results for the AMESA sampling runs across both boiler units are prepared quarterly. These reports are prepared for Council and subsequently published on the website.

3. Cartridge Replacement Schedule

The AMESA sampling cartridge duration is approximately 30 days before it is removed and sent to the laboratory for analysis. As each boiler unit is independent, the duration may differ due to such things as alternating maintenance activities.

Table 1: AMESA Cartridge Replacement Schedule

Unit #	Run #	Start Date	End Date	Duration (days)
1	92	Feb 5, 2024	Feb 28, 2024	17
2	92	Jan 23, 2024	Feb 26, 2024	27
1	93	Feb 28, 2024	Mar 25, 2024	26
2	93	Feb 26, 2024	Mar 25, 2024	28
1	94	Mar 25, 2024	May 10, 2024	30
2	94	Mar 26, 2024	May 10, 2024	*

*Note 1: The cartridge duration times may differ even though the start and end dates are the same for both boiler units.

* Note 2: There is no result for boiler unit #2 for Run #94 due to sample invalidation. Refer to Section 7.1.

4. Laboratory Analysis

There were no issues identified with the AMESA sample cartridges or the analysis at the laboratory; however, the laboratory continues to experience delays in analysis and reporting.

5. Durham and York Regions and Reworld Monthly Data and Operations Review

Regional staff meet with Reworld both weekly and monthly on an established schedule to discuss facility operations, and to review environmental monitoring results, trends and calculations where required for all monitoring programs, and the available AMESA results.

6. Oversight of AMESA Results

The Regional Municipality of Durham and the Regional Municipality of York Region staff and Reworld meet with the MECP on a quarterly basis to discuss all items pertinent to the ECA, the Environmental Monitoring Programs, and facility operations. Any concerns which are not determined to be reportable incidents in accordance with the ECA are discussed along with day-to-day operations and monitoring.

Any events to which the ECA deems reportable are done in accordance with the appropriate ECA condition.

Results of the AMESA LTSS are reported to the MECP in the DYEC Annual Reports and posted to the DYEC website. AMESA trends of validated data are presented as a 12-month rolling average together with an analysis to demonstrate the ongoing performance of the APC Equipment. The MECP had no concerns with the AMESA results detailed in the [2022 Annual Report](#) as posted via this link: [MECP Review of the DYEC 2022 Annual Report](#). [The 2023 Annual Report](#) has been posted to the website.

7. AMESA Performance

The measured concentrations for each of the 17 dioxins and furans congeners identified in the laboratory certificate of analysis are applied to established computations to obtain a result. These calculations quantify the dioxins and furans per cubic metre of gas at reference conditions. Additionally, standard temperature, pressure and oxygen correction factors are also applied to the measured concentration to obtain a value for regulatory comparison. Finally, each of the 17 dioxins and furans congeners are multiplied by their respective toxic equivalency factor (TEF) and added together to obtain a total dioxins and furans total toxic equivalence (TEQ). The ECA for the DYEC specifies the use of the NATO classification scheme for dioxins and furans and therefore the NATO TEF factors are applied to obtain the TEQ calculation. Table 2 shows each of the AMESA sampling runs, the start and end time the cartridge was in-situ for each boiler unit, and the calculated result.

Table 2: AMESA Calculated Results

Unit #	Run #	Start Date	End Date	Calculated Result (pg TEQ/Rm ³)
1	92	Feb 5, 2024	Feb 28, 2024	1.087
2	92	Jan 23, 2024	Feb 26, 2024	1.135
1	93	Feb 28, 2024	Mar 25, 2024	1.317

Unit #	Run #	Start Date	End Date	Calculated Result (pg TEQ/Rm ³)
2	93	Feb 26, 2024	Mar 25, 2024	1.127
1	94	Mar 25, 2024	May 10, 2024	2.984
2	94	Mar 26, 2024	May 10, 2024	*

***Note 1: There is no result for boiler unit #2 for Run #94 due to sample invalidation. Refer to Section 7.1.**

While AMESA has no regulatory limit associated for compliance as it is used to supplement source testing, the ECA directs that, “The Owner shall evaluate the performance of the long-term sampling system in determining dioxins and furans emission trends and/or fluctuations as well as demonstrating the ongoing performance of the APC Equipment associated with the boilers.” The Regions, their Engineering and Air Emissions oversight consultants and Reworld will continue to monitor DYEC performance as it relates to AMESA results and trends. Figure 1 displays the results of the AMESA sampling runs conducted in the first quarter (Q1) of 2024.

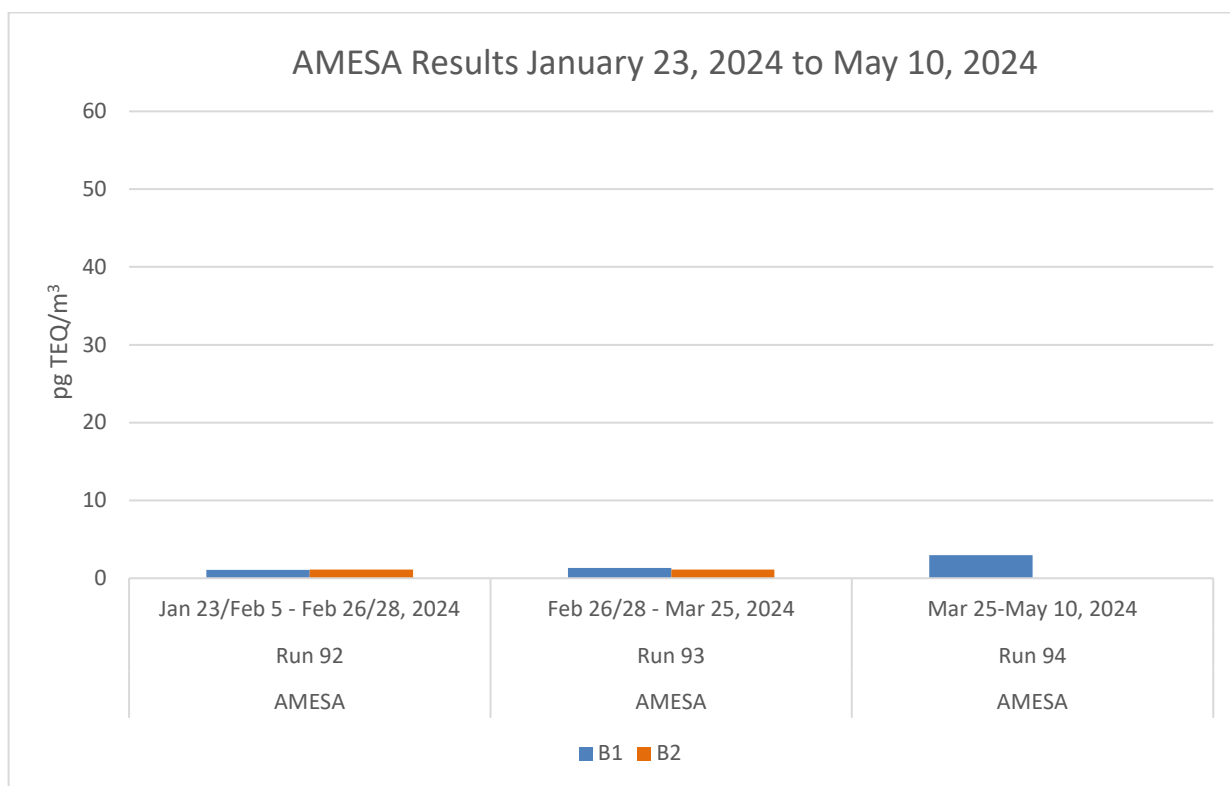


Figure 1: AMESA Results January 23, 2024, to May 10, 2024.

***Note 1: There is no result for boiler unit #2 for Run #94 due to sample invalidation. Refer to Section 7.1.**

7.1 Investigation

During the first quarter (Q1) of 2024, the AMESA Investigation Checklist was not triggered, however, due to unforeseen operation matters at the facility, an investigation was undertaken. which resulted in the invalidation of data for boiler #2 Run #94, as non-isokinetic conditions occurred.

8. AMESA relative to most current Source Testing Dioxins and Furans Results

AMESA is not used to assess compliance and should not be evaluated against Ministry standards, such as the dioxins and furans source testing limit. The testing methodology for AMESA and source testing sampling and analysis are different and are set out within their prescribed sampling method and manufacturer guidelines.

The AMESA results are presented in Figure 2 to show how the Q1 calculated values compare to the most current source testing results. The source test compliance limit for dioxins and furans is 60 pgTEQ/m³. The chart below shows the AMESA Q1, 2024 results as compared to the 2024 March source test results. Results from the March source test also indicated the dioxins and furans result is below the regulatory compliance limit.

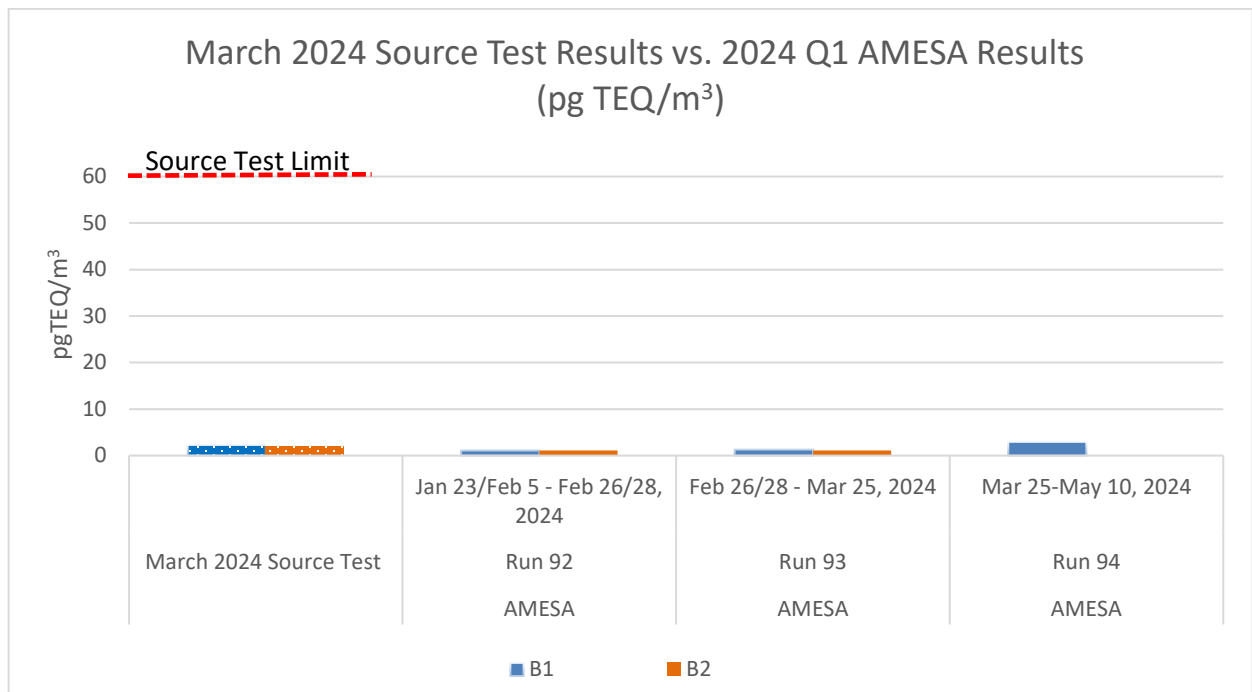


Figure 2 March 2024 Source Test Results vs. 2024 Q1 AMESA Results (pg TEQ/m³).

*Note 1: There is no result for boiler unit #2 for Run #94 due to sample invalidation. Refer to Section 7.1.

9. Ambient Air Dioxins and Furans Results—First Quarter (Q1) 2024

The ambient air monitoring program samples for dioxins and furans. The sampling methodology, units of measurement, and reporting limits are prescribed differently and cannot be compared directly to the source testing or AMESA results. The ambient air monitoring program does not measure point source emissions, but it does provide an indication of local air quality. The monitoring equipment collects air samples, capturing ambient air emissions originating from various sources within the vicinity. The results from the ambient air monitoring provide insights into local air quality and may indicate potential factors influenced by meteorological conditions, including wind speed and direction.

Figure 3 illustrates the results of the first quarter (Q1), at the two ambient air stations near the DYEC. The dioxins and furans levels consistently remain below the Ontario Ambient Air Quality Criteria of 0.1 picogram Toxic Equivalency per cubic meter (pgTEQ/m³).

Of additional note, the Ontario Ambient Air Quality Criteria is 10 times lower than the Ontario Regulation 419 Upper Risk Threshold of 1 pgTEQ/m³ for dioxins and furans.

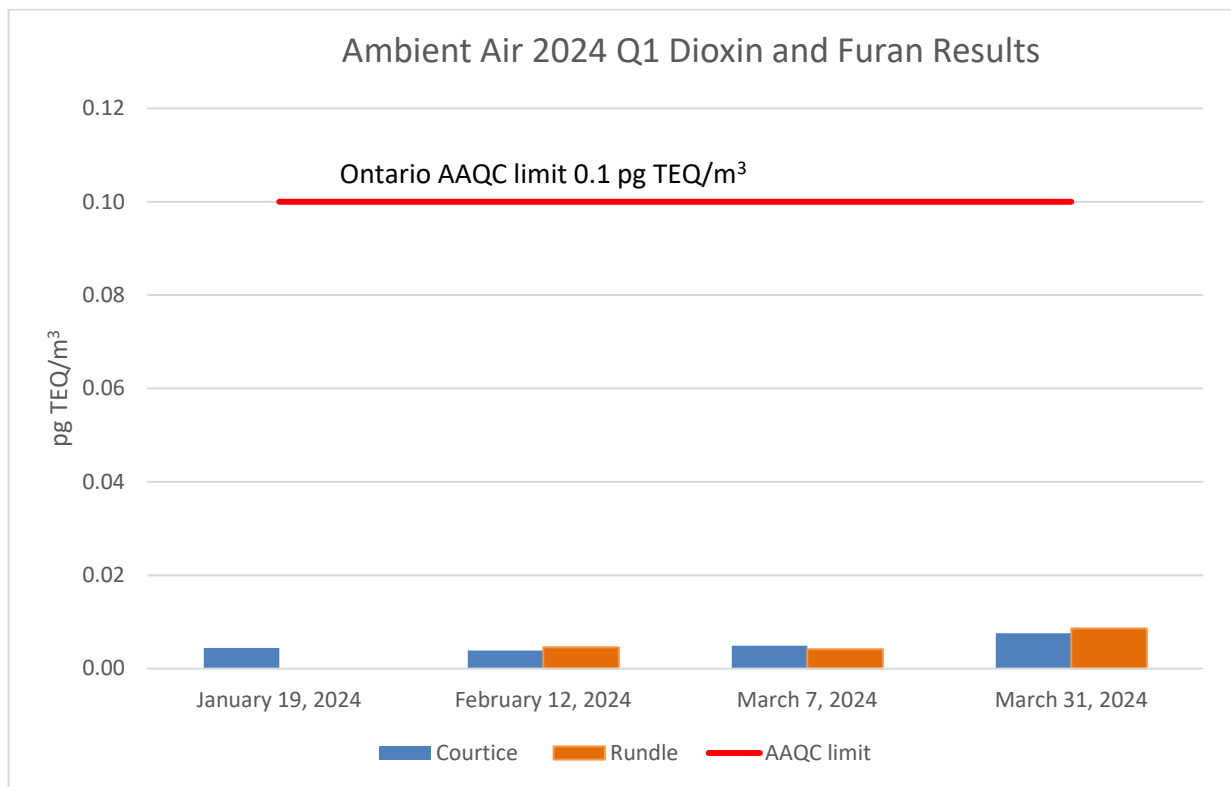


Figure 3: Ambient Air 2024 Q1 Dioxins and Furan Results

*** Note: 1: There is no dioxin and furan result for Rundle Road on January 19, 2024, as the sample was compromised during the laboratory extraction and preparation process.**

End of Report



Interoffice Memorandum

Date: September 13, 2024

To: Health & Social Services Committee

From: Dr. Robert Kyle

Subject: Health Information Update – September 8, 2024

Health
Department

Please find attached the latest links to health information from the Health Department and other key sources that you may find of interest. Links may need to be copied and pasted directly in your web browser to open, including the link below.

You may also wish to browse the online Health Department Reference Manual available at [Board of Health Manual](#), which is continually updated.

Boards of health are required to “superintend, provide or ensure the provision of the health programs and services required by the [Health Protection and Promotion] Act and the regulations to the persons who reside in the health unit served by the board” (section 4, clause a, HPPA). In addition, medical officers of health are required to “[report] directly to the board of health on issues relating to public health concerns and to public health programs and services under this or any other Act” (sub-section 67.(1), HPPA).

Accordingly, the Health Information Update is a component of the Health Department’s ‘Accountability Framework’, which also may include program and other reports, Health Plans, Quality Enhancement Plans, Durham Health Check-Ups, business plans and budgets; provincial performance indicators and targets, monitoring, compliance audits and assessments; RDPS certification; and accreditation by Accreditation Canada.

Respectfully submitted,

Original signed by

R.J. Kyle, BSc, MD, MHSc, CCFP, FRCPC, FACPM
Commissioner & Medical Officer of Health

*“Service Excellence
for our Communities*

UPDATES FOR HEALTH & SOCIAL SERVICES COMMITTEE
September 8, 2024

Health Department Media Releases/Publications

tinyurl.com/25st7n2n

- Mpox update (Aug 21)

tinyurl.com/mw6xe292

- Durham Region Health Department weekly beach report (Aug 22)

tinyurl.com/mu9u57ab

- Mosquitoes test positive for West Nile virus in Whitby (Aug 23)

tinyurl.com/yyufdeze

- Durham Region Weekly Beach Report – Final report for 2024 season (Aug 29)

tinyurl.com/mucbc9s4

- Grade 5 Action Pass returns to Durham Region (Sep 4)

tinyurl.com/3rrpadaf

- Rabies: Reminder to Assess, Treat, and Report (Sep 6)

GOVERNMENT OF CANADA

Health Canada

tinyurl.com/3h4hvj6c

- Health Canada introduces new measures to help prevent harms to youth from nicotine replacement therapies (Aug 22)

tinyurl.com/3xp5vy8z

- Health Canada Releases What We Heard Report from Engagement on the Safe Long-Term Care Act (Aug 29)

tinyurl.com/3kpuzry8

- Government of Canada Supports McMaster University in Promoting Early Access to Palliative Care (Aug 30)

tinyurl.com/4eyrxput

- Message from the Minister of Mental Health and Addictions and Associate Minister of Health and Minister of Health – International Overdose Awareness Day (Aug 31)

Housing, Infrastructure and Communities Canada

tinyurl.com/2599sj4a

- Investing in a fairer and healthier Durham Region (Aug 21)

Parks Canada

tinyurl.com/yc64trhp

- Government of Canada recognizes Dr. Frances Gertrude McGill as a person of national historic significance (Sep 5)

Public Health Agency of Canada

tinyurl.com/5f2pywve

- Government of Canada invests in initiatives to address public health evidence gaps (Aug 27)

tinyurl.com/yc7z7pjt

- Government of Canada invests in community projects to advance health equity (Aug 28)

Public Safety Canada

tinyurl.com/mwvh3ay9

- New firearms licensing requirements to increase public safety coming into force (Aug 29)

GOVERNMENT OF ONTARIO

Ministry of Education

tinyurl.com/y39m9k7e

- Ontario Students Going Back-to-Basics with Fewer Distractions this Fall (Aug 29)

Ministry of Finance

tinyurl.com/yt46yted

- Convenience Stores Across Ontario Can Now Sell Beer, Wine, Cedar and Ready-to-Drink Beverages (Sep 5)

Ministry of Health

tinyurl.com/53xcrdmf

- Ontario Protecting Communities and Supporting Addiction Recovery with New Treatment Hubs (Aug 21)

tinyurl.com/bdszjbd

- Ontario Reducing Wait Times for Gastrointestinal Endoscopy Procedures (Aug 26)

tinyurl.com/23e34yt6

- Statement from the Chief Medical Officer of Health (Sep 6)

Ministry of Long-Term Care

tinyurl.com/2392cenx

- Ontario Expanding Diagnostic Services in Durham Region Long-Term Care Homes (Aug 29)

OTHER ORGANIZATIONS

Association of Local Public Health Agencies

tinyurl.com/5yiw33jd

- Homelessness and Addiction Recovery Treatment Hubs Response (Aug 29)

Association of Municipalities of Ontario

tinyurl.com/5n6hpne3

- Minister of Health Announces Investments in Mental Health and Addictions Supports at AMO Conference (Aug 20)

Canadian Cancer Society

tinyurl.com/2hnkyw8n

- Canadian Cancer Society commends new federal restrictions on nicotine pouches as essential step to protect youth (Aug 22)

Canadian Medical Association

tinyurl.com/2ahy8azt

- Emergency Care: yet another challenging summer (Aug 30)

Centre for Addiction and Mental Health

tinyurl.com/4zpazne7

- Ontario youth experiencing increasing levels of psychological distress and inability to cope (Aug 21)

Food Banks Canada

tinyurl.com/5azedr5t

- Food Banks Canada Urges Canadians to Join the Call for Change (Aug 22)

Heart and Stroke Foundation

tinyurl.com/8sw5zvw8

- Heart & Stroke thrilled with federal government's decisive action that will keep nicotine pouches out of the hands of youth (Aug 22)

IC/ES

tinyurl.com/5n896rw3

- Common antibiotics carry small but serious risks of life-threatening drug reactions, but some are safer than others (Aug 8)

tinyurl.com/kkcyzkww

- People of lower socioeconomic status less likely to receive cataract surgery in private clinics, study finds (Aug 26)

Muscular Dystrophy Canada

tinyurl.com/bde3m8z7

- 100 percent of Canada is now screening infants for spinal muscular dystrophy, a potentially fatal disorder (Aug 20)

Registered Nurses' Association of Ontario

tinyurl.com/2sxmnw57

- SCS closures: A death sentence that will lead to unsafe communities at higher costs (Aug 20)

World Health Organization

tinyurl.com/fu9nduc4

- WHO launches global framework for understanding the origins of new or re-emerging pathogens (Sep 4)



The Corporation of the Town of Kirkland Lake

Clerk's Office – Town Hall
P.O. Box 1757, 3 Kirkland Street West,
Kirkland Lake, ON P2N 3P4
T: 705-567-9361 Ext. 238
E: clerk@tkl.ca
W: www.kirklandlake.ca

Corporate Services Department Legislative Services Division	
Date & Time Received:	September 09, 2024 8:37 am
Original To:	CIP
Copies To:	
Take Appropriate Action	<input type="checkbox"/> File <input type="checkbox"/>
Notes/Comments:	

April 5, 2024

SENT VIA EMAIL ONLY

To Whom It May Concern:

RE: Motion – Exotic Animals

At its meeting of April 2, 2024, the Council for The Corporation of the Town of Kirkland Lake resolved the following:

*“Moved by: Mayor Stacy Wight
Seconded by: Councillor Rick Owen*

WHEREAS Ontario has more private non-native (“exotic”) wild animal keepers, roadside zoos, mobile zoos, wildlife exhibits and other captive wildlife operations than any other province;

AND WHEREAS the Province of Ontario has of yet not developed regulations to prohibit or restrict animal possession, breeding, or use of exotic wild animals in captivity;

AND WHEREAS exotic wild animals can pose very serious human health and safety risks, and attacks causing human injury and death have occurred in the Province;

AND WHEREAS the keeping of exotic wild animals can cause poor animal welfare and suffering, and poses risks to local environments and wildlife;

AND WHEREAS owners of exotic wild animals can move from one community to another even after their operations have been shut down due to animal welfare or public health and safety concerns;

AND WHEREAS municipalities have struggled, often for months or years, to deal with exotic wild animal issues and have experienced substantive regulatory, administrative, enforcement and financial challenges;

AND WHEREAS the Association of Municipalities of Ontario (AMO), the Association of Municipal Managers, Clerks and Treasurers of Ontario (AMCTO), and the Municipal Law Enforcement Officers' Association (MLEOA) have indicated their support for World Animal Protection's campaign for provincial regulations of exotic wild animals and roadside zoos in letters to the Ontario Solicitor General and Ontario Minister for Natural Resources and Forestry;

THEREFORE BE IT RESOLVED THAT *The Corporation of the Town of Kirkland Lake hereby petitions the provincial government to implement provincial regulations to restrict the possession, breeding, and use of exotic wild animals and license zoos in order to guarantee the fair and consistent application of policy throughout Ontario for the safety of Ontario's citizens and the exotic wild animal population;*

AND FINALLY THAT *a copy of this resolution be forwarded to the Premier of Ontario, Ontario's Solicitor General, Ontario's Minister for Natural Resources and Forestry, MPP Timiskaming-Cochrane, AMO, AMCTO, MLEAO, Timiskaming Municipal Association (TMA), the Federation of Northern Ontario Municipalities (FONOM), and all municipalities within the District of Timiskaming.*

CARRIED"

As so directed, a copy of Council's resolution has been supplied above for your reference.

Please do not hesitate to contact me if I can provide clarification in this regard.

Yours truly,

A handwritten signature in black ink, appearing to read 'A. Spilman', with a long horizontal flourish extending to the right.

Amberly Spilman
Deputy Clerk/Lottery Licensing Officer



August 28, 2024

The Honorable Paul Calandra
Minister of Municipal Affairs and Housing
Suite 400, 37 Sandford Dr.
Stouffville, ON L4A 3Z2

Sent by Email

Dear: Honorable Paul Calandra

RE: Jurisdiction of Ontario's Ombudsman

The Council of the Corporation of Tay Valley Township at its meeting on August 13th, 2024 adopted the following resolution:

RESOLUTION #C-2024-08-29

MOVED BY: Wayne Baker
SECONDED BY: Angela Pierman

“WHEREAS, the Council of the Corporation of Tay Valley Township support the request from the City of Peterborough that a Bill be introduced to amend the Ombudsman Act;

THAT, the Honorable Paul Calandra, Minister of Municipal Affairs and Housing, be requested to introduce a Bill to amend the Ombudsman Act to require the Ontario Ombudsman to provide to each municipality, if requested by the municipality, sufficient particulars of each investigation, matter or case respecting the municipality that is referred to in each of the Ombudsman's Annual Reports to permit the municipality to fully understand and address the subject matter of each such investigation, matter or case including:

- i) a copy of each complaint, as applicable, redacted only to the extent of individuals' personal information contained therein;
- ii) the identities of the municipality's employees, officers and members of Council with whom the Ombudsman was consulting in respect of the investigation, matter or case; and
- iii) particulars of the outcome of the investigation, matter or case including the Ombudsman's findings, conclusions and recommendations, if any.

AND THAT, staff forward Council's resolutions resulting from Council's approval of these recommendations to Minister Calandra, MPP John Jordan, the Association of Municipalities of Ontario (AMO) and to all Ontario municipalities.”

ADOPTED

If you require any further information, please do not hesitate to contact the undersigned at (613) 267-5353 ext. 130 or deputyclerk@tayvalleytwp.ca

Sincerely,



Aaron Watt, Deputy Clerk

cc: MPP John Jordan, Lanark-Frontenac-Kingston
Association of Municipalities of Ontario (AMO),
all Ontario Municipalities

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7 Creswell Drive
Trenton, Ontario K8V 5R6
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A Natural Attraction

Tel: 613-392-2841
Toll Free: 1-866-485-2841
josh.machesney@quintewest.ca
clerk@quintewest.ca

Josh Machesney, City Clerk | Director of Corporate Services

September 5, 2024

Via Email: All Municipalities

RE: AMCTO Provincial Updates to the Municipal Elections Act

To Whom It May Concern:

This letter will serve to advise that at a meeting of City of Quinte West Council held on September 4, 2024 Council passed the following resolution:

Motion No 24-389 – AMCTO Provincial Updates to the Municipal Elections Act

Moved by Councillor Stedall
Seconded by Councillor Sharpe

Whereas the Association of Municipal Managers, Clerks, and Treasurers of Ontario (AMCTO) reviewed the Act and has provided several recommendations including modernizing the legislation, harmonizing rules, and streamlining and simplifying administration;

And Whereas AMCTO put forward recommendations for amendments ahead of the 2026 elections and longer-term recommendations for amendments ahead of the 2030 elections;

BE IT RESOLVED THAT the City of Quinte West calls for the Province to update The Municipal Elections Act, 1996 with priority amendments as outlined by AMCTO before Summer 2025 and commence work to review and re-write the MEA with longer-term recommendations ahead of the 2030 elections;

And that this resolution will be forwarded to all municipalities in Ontario for support and that each endorsement be then forwarded to the Minister of Municipal Affairs and Housing, the Minister of Education, the Minister of Public and Business Service Delivery, Minister of Finance, the Premier of Ontario, and AMCTO.
Carried

We trust that you will give favourable consideration to this request.

Yours Truly,

CITY OF QUINTE WEST



Josh Machesney,
City Clerk | Director of Corporate Services



September 4, 2024

Honourable Premier Doug Ford
Legislative Building
Queen's Park, Room 281
Toronto, ON M7A 1A1

SENT VIA E MAIL
premier@ontario.ca

Dear Premier Ford :

RE: REQUEST FOR PROVINCIAL GOVERNMENT TO RECOGNIZE PHYSICIAN SHORTAGE ACROSS ONTARIO

At its regular meeting held on September 3 2024, Council for the Municipality of West Nipissing passed the following resolution.

<< Resolution: **2024/232** Moved By: Councillor R. St-Louis
Secoded By: Councillor G. Pharand

BE IT RESOLVED THAT at the meeting of September 3, 2024, Council for the Municipality of West Nipissing received and supports the resolutions from the following municipalities requesting the Provincial Government to recognize the physician shortage across Ontario:

- Twp. Lake of Bays, Council passed Resolution #TC-206-2024 at its regular meeting held on August 13, 2024
- Town of Bradford West Gwillimbury, Council passed Resolution #2024-253 at its regular meeting held on August 6, 2024
- Town of Bracebridge, Council passed Motion #24-GC-149 at its regular meeting held on August 26, 2024

BE IT RESOLVED THAT Council for the Municipality of West Nipissing urges the Provincial Government to recognize the physician shortage in the Municipality of West Nipissing as well as across all of Ontario and to fund health care appropriately to ensure that every Ontarian has access to physician care.

BE IT FURTHER RESOLVED THAT a copy of this resolution be forwarded to the Honourable Premier of Ontario, Honourable Minister of Health for Ontario; Chief Medical Officer of Health for Ontario, Ontario Medical Association (OMA), Association of Ontario Municipalities (AMO), John Vanthof (MPP), Marc Serré (MP), and all Municipalities in Ontario.

CARRIED >>

In accordance with Council's direction, the resolution is being forwarded for your reference.

Respectfully,

Janice Dupuis
Deputy Clerk
Municipality of West Nipissing



Council - Committee of the Whole

Resolution # 2024/232
Title: Authorize support resolution re: Physician Shortage
Date: September 3, 2024

Moved by: Councillor Roch St. Louis
Seconded by: Councillor Georges Pharand

BE IT RESOLVED THAT at the meeting of September 3, 2024, Council for the Municipality of West Nipissing received and supports the resolutions from the following municipalities requesting the Provincial Government to recognize the physician shortage across Ontario:

- Twp. Lake of Bays, Council passed Resolution #TC-206-2024 at its regular meeting held on August 13, 2024
- Town of Bradford West Gwillimbury, Council passed Resolution #2024-253 at its regular meeting held on August 6, 2024
- Town of Bracebridge, Council passed Motion #24-GC-149 at its regular meeting held on August 26, 2024

BE IT RESOLVED THAT Council for the Municipality of West Nipissing urges the Provincial Government to recognize the physician shortage in the Municipality of West Nipissing as well as across all of Ontario and to fund health care appropriately to ensure that every Ontarian has access to physician care.

BE IT FURTHER RESOLVED THAT a copy of this resolution be forwarded to the Honourable Premier of Ontario, Honourable Minister of Health for Ontario; Chief Medical Officer of Health for Ontario, Ontario Medical Association (OMA), Association of Ontario Municipalities (AMO), John Vanthof (MPP), Marc Serré (MP), and all Municipalities in Ontario.

CARRIED



Council - Committee of the Whole

Résolution # 2024/232
Titre: Autoriser la résolution de soutien concernant la pénurie de médecins
Date: le 3 septembre 2024

Proposé par: Councillor Roch St. Louis
Appuyé par: Councillor Georges Pharand

IL EST RÉSOLU QUE lors de la réunion du 3 septembre 2024, le conseil de la municipalité de Nipissing Ouest reçoive et appuie les résolutions des municipalités suivantes demandant au gouvernement provincial de reconnaître la pénurie de médecins dans tout l'Ontario :

- Canton de Lake of Bays, le Conseil a adopté la résolution #TC-206-2024 lors de sa réunion ordinaire du 13 aout 2024.
- Ville de Bradford West Gwillimbury, le Conseil a adopté la résolution #2024-253 lors de sa réunion ordinaire tenue le 6 aout 2024
- Ville de Bracebridge, le Conseil a adopté la motion #24-GC-149..... lors de sa réunion ordinaire tenue le 26 aout 2024

IL EST RÉSOLU QUE le conseil de la municipalité de Nipissing Ouest presse le gouvernement provincial de reconnaître la pénurie de médecins dans la municipalité de Nipissing Ouest et dans tout l'Ontario et de financer les soins de santé de façon appropriée pour s'assurer que tous les Ontariens ont accès aux soins d'un médecin.

IL EST EN OUTRE RÉSOLU QU'une copie de cette résolution soit transmise à l'honorable premier ministre de l'Ontario, à l'honorable ministre de la Santé de l'Ontario, au médecin-chef de la santé pour l'Ontario, à l'Association médicale de l'Ontario (OMA), à l'Association des municipalités de l'Ontario (AMO), à John Vanthof (député provincial), à Marc Serré (député fédéral) et à toutes les municipalités de l'Ontario.

ADOPTÉ

August 13, 2024

Via email: premier@ontario.ca

Premier of Ontario
Legislative Building
Queen's Park
Toronto ON M7A 1A1
Dear Mr. Best:

**RE: Request for the Provincial Government to Recognize the Physician Shortage
in the Township of Lake of Bays**

Please be advised that the Council of the Corporation of the Township of Lake of Bays, at its last regularly scheduled meeting on August 13, 2024, passed the following resolution,

“Resolution TC-206-2024

WHEREAS the state of health care in Ontario is in crisis, with 2.3 million Ontarians lacking access to a family doctor, emergency room closures across the province, patients being de-rostered and 40% of family doctors considering retirement over the next five years;

AND WHEREAS it has become increasingly challenging to attract and retain an adequate healthcare workforce throughout the health sector across Ontario;

AND WHEREAS the Northern Ontario School of Medicine University says communities in northern Ontario are short more than 350 physicians, including more than 200 family doctors; and half of the physicians working in northern Ontario expected to retire in the next five years;

AND WHEREAS Ontario municipal governments play an integral role in the health care system through responsibilities in public health, long-term care, and paramedicine.

AND WHEREAS the percentage of family physicians practicing comprehensive family medicine has declined from 77 in 2008 to 65 percent in 2022;

AND WHEREAS per capita health-care spending in Ontario is the lowest of all provinces in Canada,

AND WHEREAS a robust workforce developed through a provincial, sector-wide health human resources strategy would significantly improve access to health services across the province;

NOW THEREFORE BE IT RESOLVED THAT the Council of the Corporation of the Township of Lake of Bays urge the Province of Ontario to recognize the physician shortage in the Township of Lake of Bays and Ontario, to fund health care appropriately and ensure every Ontarian has access to physician care.

Carried.”

Sincerely,



Carrie Sykes, *Dipl. M.A., CMO, AOMC*,
Director of Corporate Services/Clerk.

CS/iv

Copy to:

Hon. Sylvia Jones (Ontario Minister of Health) - sylvia.jones@ontario.ca
Dr. Kieran Moore (Chief Medical Officer of Health) - Kieran.Moore@ontario.ca
Association of Ontario Municipalities (AMO) amopresident@amo.on.ca
Ontario Medical Association (OMA) – info@oma.org
MPP, Graydon Smith - graydon.smith@pc.ola.org
MP, Scott Aitchison Scott.Aitchison@parl.gc.ca
All Area Municipalities

August 12, 2024

VIA EMAIL

The Hon. Doug Ford
Premier of Ontario
Legislative Building, Queens Park
Room 281
Toronto, ON M7A 1A1

Dear Hon. Doug Ford,

Re: Association of Municipalities of Ontario (AMO) and Ontario Medical Association (OMA) Joint Health Resolution Campaign

At its Regular Meeting of Council held on Tuesday, August 6, 2024, the Town of Bradford West Gwillimbury Council approved the following resolution:

Resolution 2024-253
Moved by: Councillor Scott
Seconded by: Councillor Verkaik

That Council receive the Association of Municipalities of Ontario (AMO) and the Ontario Medical Association (OMA) Joint Health Resolution Campaign for information; and

That Council support the motion as written:

WHEREAS the state of health care in Ontario is in crisis, with 2.3 million Ontarians lacking access to a family doctor, emergency room closures across the province, patients being de-rostered and 40% of family doctors considering retirement over the next five years; and

WHEREAS it has becoming increasingly challenging to attract and retain an adequate healthcare workforce throughout the health sector across Ontario; and

WHEREAS the Northern Ontario School of Medicine University says communities in northern Ontario are short more than 350 physicians, including more than 200 family doctors; and half of the physicians working in northern Ontario expected to retire in the next five years; and

WHEREAS Ontario municipal governments play an integral role in the health care system through responsibilities in public health, long-term care, and paramedicine.

WHEREAS the percentage of family physicians practicing comprehensive family medicine has declined from 77 in 2008 to 65 percent in 2022; and

WHEREAS per capita health-care spending in Ontario is the lowest of all provinces in Canada, and

WHEREAS a robust workforce developed through a provincial, sector-wide health human resources strategy would significantly improve access to health services across the province;

NOW THEREFORE BE IT RESOLVED THAT the Council of The Corporation of the Town of Bradford West Gwillimbury urge the Province of Ontario to recognize the physician shortage in Bradford West Gwillimbury and Ontario, to fund health care appropriately and ensure every Ontarian has access to physician care; and

Be It Further Resolved That a copy of this resolution be circulated to the Premier of Ontario, Hon. Doug Ford; our local Member of Provincial Parliament, Hon. Caroline Mulroney, the Minister of Health, Hon. Sylvia Jones; and all Ontario municipalities.

CARRIED

Regards,



Tara Reynolds
Deputy Clerk, Town of Bradford West Gwillimbury
(905) 775-5366 Ext 1104
treynolds@townofbwg.com

CC:
Hon. Caroline Mulroney, Member of Provincial Parliament
Hon. Sylvia Jones, Minister of Health
All Ontario Municipalities

August 26, 2024

Re: Item for Discussion – Association of Municipalities of Ontario (AMO) / Ontario Medical Association (OMA) Joint Resolution Campaign on Physician Shortage

At its meeting of August 26, 2024, the Council of the Corporation of the Town of Bracebridge ratified motion #24-GC-149, regarding the Association of Municipalities of Ontario (AMO) / Ontario Medical Association (OMA) Joint Resolution Campaign on Physician Shortage, as follows:

“WHEREAS the state of health care in Ontario is in crisis, with 2.3 million Ontarians lacking access to a family doctor, emergency room closures across the province, patients being de-rostered and 40% of family doctors considering retirement over the next five years;

AND WHEREAS it has becoming increasingly challenging to attract and retain an adequate healthcare workforce throughout the health sector across Ontario;

AND WHEREAS the Northern Ontario School of Medicine University says communities in northern Ontario are short more than 350 physicians, including more than 200 family doctors; and half of the physicians working in northern Ontario expected to retire in the next five years;

AND WHEREAS Ontario municipal governments play an integral role in the health care system through responsibilities in public health, long-term care, paramedicine, and other investments;

AND WHEREAS the percentage of family physicians practicing comprehensive family medicine has declined from 77 in 2008 to 65 percent in 2022;

AND WHEREAS per capita health-care spending in Ontario is the lowest of all provinces in Canada;

AND WHEREAS a robust workforce developed through a provincial, sector-wide health human resources strategy would significantly improve access to health services across the province;

NOW THEREFORE BE IT RESOLVED THAT the Council of the Town of Bracebridge urge the Province of Ontario to recognize the physician shortage in Bracebridge and Ontario, to fund health care appropriately and ensure every Ontarian has access to physician care.”

In accordance with Council’s direction, I am forwarding you a copy of the resolution for your reference.

Please do not hesitate to contact me if I can provide any additional clarification in this regard.

Yours truly,



Lori McDonald
Director of Corporate Services/Clerk

1000 Taylor Court
Bracebridge, ON
P1L 1R6 Canada

telephone: (705) 645-5264
corporate services and finance fax: (705) 645-1262
public works fax: (705) 645-7525
planning & development fax: (705) 645-4209

September 6, 2024

To: Renee Ainsworth, Director of Corporate Services/Clerk

RE: Growth and Economic Viability Ad Hoc Committee Resolution

At its Regular meeting on September 4, 2024, Council of the Township of Springwater passed the following resolution:

C439-2024

Moved by: Moore

Seconded by: Fisher

That Council hereby supports the resolution of the Growth and Economic Viability Ad Hoc Committee regarding provincial and federal notification of municipally significant processes by the provincial and federal governments; and,

That the letter be circulated to all Ontario municipalities and AMO.

Carried.

Please do not hesitate to contact me should you have any questions.

Yours Truly,

Sarah Elliott, Committee Coordinator/Administrative Assistant

Honourable MP Doug Shipley
Doug.Shipley@parl.gc.ca

Sent via electronic mail

Honourable MPP Doug Downey
Doug.Downey@pc.ola.org

September 5, 2024

Dear Honourable MP Doug Shipley and Honourable MPP Doug Downey

At its Regular meeting on September 4, 2024, the Township of Springwater's Council passed resolution C439-2024 endorsing the Growth and Economic Viability Ad Hoc Committee's (GEVC) resolution below:

Resolution

Moved by: Coughlin

Seconded by: Alexander

That the Committee recommend to Council that a letter be drafted requesting that local Members of Provincial Parliament and Members of Parliament, be requested to provide regular communications to their represented municipalities specifically relating to the Standing Committee on Heritage, Infrastructure and Cultural Policy regarding the Study on Regional Governance, as well as other provincial and federal processes, consultations, etc., that may affect their municipality.

Carried

The GEVC's resolution followed a discussion noting concerns that the Township was not notified of the public hearings held by the Standing Committee on Heritage, Infrastructure and Cultural Policy regarding the Study on Regional Governance. The County of Simcoe is included in the governance review, and these public hearings would have provided an opportunity for the Township to express its opinion on a matter that significantly impacts Springwater.

Please have your offices confirm a commitment to regular communications, including advance notifications of public hearings, meetings, and processes involving Springwater and, more broadly, Simcoe County.

I can be reached via email at jennifer.coughlin@springwater.ca or by phone at 705-728-4784.

Regards,



Jennifer Coughlin
Mayor, Township of Springwater

cc. All Ontario Municipalities and the Association of Municipalities of Ontario



Corporate Services Department Legislative Services Division	
Date & Time Received:	September 11, 2024 1:36 pm
Original To:	CIP
Copies To:	
Take Appropriate Action	<input type="checkbox"/> File <input type="checkbox"/>
Notes/Comments:	

September 10, 2024

Resolution No. 273/2024

**THE CORPORATION OF THE TOWNSHIP OF MCGARRY
P.O. BOX 99
VIRGINIATOWN, ON. P0K 1X0**

MOVED BY COUNCILLOR Francine Plante

SECONDED BY COUNCILLOR Chae Keft

WHEREAS the Ontario Auditor General’s annual report on public health from December 2023 indicates that Public Health Ontario is proposing the phasing-out of free provincial water testing services for private drinking water; and

WHEREAS free private drinking water testing services has played a pivotal role in safeguarding public health, particularly in rural communities, that rely predominantly on private drinking water; And;

WHEREAS the removal of free private drinking water testing could lead to a reduction in testing, potentially increasing the risk of waterborne diseases in these vulnerable populations; And

WHEREAS, the tragic events in Walkerton, Ontario underscored the critical importance of safe drinking water.

NOW THEREFORE BE IT RESOLVED that the Township of McGarry hereby request that the province reconsider and ultimately decide against the proposed phasing-out of free private drinking water testing services.

FURTHER BE IT RESOLVED that this resolution be sent to all Ontario municipalities, Minister of Environment Conservation and Parks, Minister of Health, Timiskaming Public Health Unit, and Timiskaming-Cochrane MPP.

Defeated _____ / Carried Bonita Culhane
Mayor Mayor

Recorded Vote Requested by _____

YES NO

Mayor Bonita Culhane	_____	_____
Councillor Louanne Caza	_____	_____
Councillor Elaine Fic	_____	_____
Councillor Annie Keft	_____	_____
Councillor Francine Plante	_____	_____