

COMMITTEE OF THE WHOLE (2) – FEBRUARY 8, 2022**STAFF COMMUNICATIONS****Distributed January 28, 2022**

SC1.	Memorandum from the Deputy City Manager, Planning and Growth Management, dated January 28, 2022	Climate Emergency Declaration Update
SC2	Memorandum from the Deputy City Manager, Corporate Services, City Treasurer and Chief Financial Officer, dated January 28, 2022	Supplementary Tax Bills

Subject**Distributed February 4, 2022**

SC3	Memorandum from the Deputy City Manager, Public Works, dated February 4, 2022	Annual Water Quality Report
SC4	Memorandum from the Deputy City Manager, Legal and Administrative Services & City Solicitor, and Director of Procurement Services, dated February 4, 2022	Procurement Activity Report Quarter 4 - 2021
SC5	Memorandum from the Deputy City Manager, Corporate Services, City Treasurer and Chief Financial Officer and Director, Financial Planning and Development Finance, dated February 4, 2022	Unspent Development Charges & Unspent Municipal Reserves

Subject**Disclaimer Respecting External Communications**

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Please note there may be further Communications.

**Staff Communication SC1
Committee of the Whole (2)
February 8, 2022**

DATE: January 28, 2022

TO: Mayor and Members of Council

FROM: Haiqing Xu, Deputy City Manager, Planning & Growth Management

RE: **STAFF COMMUNICATION
Committee of the Whole (2) - February 8, 2022 –
Climate Emergency Declaration Update**

1. Purpose

The purpose of this Staff Communication is to inform Mayor and Members of Council on the status and progress of the City's Climate Emergency Declaration issued in 2019.

2. Analysis

On June 4, 2019, after a deputation by students from Thornhill Woods Public School, Mayor and Members of Council unanimously passed a Members' Resolution to declare a climate emergency in the City of Vaughan. The school's EcoCommittee members delivered a presentation about the impacts of climate change, and then requested Mayor and Members of Council to declare a climate emergency.

At the time, the City of Vaughan, along with 31 other Canadian municipalities, joined a growing list of cities worldwide who have deepened their commitment to climate action by declaring a climate emergency. Currently, there are 519 Canadian governments (local and regional) that have declared a climate emergency.

Through the declaration the City named and reaffirmed its commitment to climate action. The declaration also directs staff to report back to Mayor and Members of Council on eight related actions and initiatives, to ensure ongoing tracking of progress and impact of the City's declaration.

The information below outlines the progress made toward the eight climate actions since the declaration.

Action #1: Continue the revision of Green Directions Vaughan, the City's community sustainability plan, as a platform for public engagement and community collaboration to act on climate change and other sustainability initiatives and seek Council approval of Green Directions Vaughan by Q4 2019

Action #1 is complete. The revised Green Directions Vaughan 2019 was approved by Council in December 2019.

To advance this initiative, milestones are being developed for the sustainability actions within the plan. Data is being collected to update the 24 quantitative indicators.

Action #2: Evaluate joining the Global Covenant of Mayors for Climate and Energy and bring forward a staff report to Council with more information in Q1 2020

Action #2 has not been initiated. This work will be undertaken as part of the Climate Adaptation and Resilience Framework and the Municipal Energy Plan Revision. Both studies intend to meet the four main actions of the Global Covenant of Mayors:

- Develop a greenhouse gas (GHG) emissions inventory
- Assess climate risks and vulnerabilities of the city
- Define ambitious climate mitigation, resilience and energy targets
- Create full climate action plans

The City's natural assets risk assessment was completed as part of the Municipal Natural Assets Initiative Preliminary Natural Asset Inventory. This work will be provided to the consultants undertaking the Climate Adaptation and Resilience Framework for the Official Plan Review.

Action #3: Report back to Council on the Climate Change Adaptation and Resilience Framework by Q4 2020

Action #3 is underway. The Climate Change Adaptation and Resilience Framework will describe specific actions and program areas for climate adaptation, implementation tools and financing mechanisms, and will provide necessary guidance and inform the incorporation of climate change planning into the Official Plan Review. This framework will provide recommendations for Official Plan policies that are localized to the City's context for improving climate adaptation and resilience.

The Climate Adaptation and Resilience Framework Background Paper is a supporting study of the Official Plan Review. This Background Paper was initiated in late 2020 along with six other background papers for the Official Plan Review. The first draft of the Climate Adaptation and Resilience Framework Background Paper has been circulated

to Mayor and Members of Council, internal staff, agencies and Indigenous Communities for review and comment in September 2021. An updated Climate Adaptation and Resilience Framework Background Paper will be made available to City staff for review in Q1 2022.

Action #4: Continue the planned update of the Municipal Energy Plan through approved capital project PL-9576-19 with the aim to identify strategies to reduce per capita GHG emissions from the 2013 level of 5 tonnes CO₂e per person to between 2 to 3 tonnes CO₂e per person by 2030

Action #4 is underway. The Request for Proposals for the contract to revise the Municipal Energy Plan was awarded to Sustainability Solutions Group in June 2021.

Data collection was completed in December 2021 and City staff have received an Actions Catalogue that outlines best practices from other jurisdictions. The Actions Catalogue and collected data will be reviewed to discuss actions that may build on Vaughan's current GHG emission reduction strategy. Actions will relate to buildings, transportation, energy supply and business processes.

Data modelling is underway with a GHG Inventory Report and a Data Methods and Assumptions Manual expected in Q1 2022. Project completion is expected in 2022 and the final report is anticipated to be brought to Council in Q4 2022.

Action #5: Report back to Council by Q2 2020 with results of the study on the use of Local Improvement Charges to enable energy efficiency retrofits in private buildings as a key action to reduce energy use, save money, and reduce GHG emissions

Action #5 is complete. Council approved the Local Improvement Charges Study and endorsed a draft implementing by-law on April 21, 2020.

To advance this action, staff submitted an application to the Community Efficiency Financing initiative in 2020 to capitalize a home energy retrofit program and an award letter was sent to the City in January 2021. Staff are exploring implementation options.

Action #6: Through the update to the Sustainability Performance Metrics program, report back to Council in 2020 on possible incentives to encourage new construction to be more energy efficient than the Ontario Building Code

Action #6 is underway. Staff are building on prior work conducted to provide a review of possible financial and non-financial incentives. Prior work on incentives includes

recommendations developed by Richmond Hill's consultant Morrison Hershfield and research undertaken by Vaughan staff.

In March 2021, Council approved revisions to the Sustainability Performance Metrics (SPM) in principle, subject to further consultation with building industry stakeholders. This report also notified Council that some SPM Implementation and Monitoring Strategy action items, specifically the creation of an SPM web tool and the review of incentives, are postponed until after the revised SPM are finalized to avoid duplication in effort.

Staff will report back to Council on possible incentives and other necessary actions that have been taken in 2022 to revise the SPM, including:

1. Finalization of Vaughan's Sustainability Threshold Scores
2. Revision of guidance documents to reflect SPM updates
3. Development of a web-form Sustainability Assessment tool for the updated SPM

Action #7: Work with the ClimateWise Business Network and other partners to improve compliance to Ontario Regulation 506/18, Energy and Water Reporting and Benchmarking (EWRB) in the commercial sector

Action #7 is ongoing. The ClimateWise Business Network completed a contract for the City in 2020. ClimateWise Business Network engaged with the owners of commercial floor space in Vaughan via a survey to understand energy retrofit and sustainability drivers. In 2021, the City of Vaughan participated in the ClimateWise Building Challenge, a York Region wide recognition competition created to reduce GHG emissions and improve energy efficiency through collaboration, education, and innovation.

The City has been presented with the Mayor's Energy Challenge Advocate Award for demonstrating leadership by implementing the following two innovative initiatives:

1. Conducting the above-mentioned survey with commercial building owners, developing intelligence on the sector as well as awareness of the EWRB program.
2. Including participation in the EWRB as a reporting metric in Vaughan's Climate Emergency Declaration.

The award will be presented to Council on February 15, 2022.

The Mayors' Energy Challenge is a ClimateWise Business Network initiative used to create awareness on the opportunity to understand building energy performance through participation in the Provincial EWRB program, geared to local businesses and commercial building owners. The initiative will also raise awareness on how to aid in the reduction of GHG emissions generated by York Region commercial buildings that are over 50,000 square feet.

Action #8: Continue to pursue the Sustainable Neighborhood Action Program (SNAP) project in the Thornhill area in partnership with the Toronto and Region Conservation Authority and local resident groups

Action #8 is underway. Council endorsed the Thornhill SNAP Action Plan on September 27, 2021 and directed staff to seek external funding to implement unfunded projects identified in the Action Plan.

In 2021, the following projects were implemented:

- Two quick start projects to launch the program and harness community interest and involvement:
 - Oakbank Pond Community Engagement Project
 - Planted 9 shrubs and 345 wildflowers to create a pollinator garden, with the assistance of 13 community volunteers.
 - Educational signage focusing on increasing awareness of the importance of pollinators and describing the ecological function of Oakbank Pond will be installed in Q1 2022 to increase the overall environmental awareness of the local community.
 - Hefhill Park Planting Project
 - Planted 125 trees and shrubs at Hefhill Park with the assistance of 10 community volunteers.
- In November 2021, thirteen community members attended two focus groups conducted to test key components of the Residential Retrofit Program, before a full-scale program is developed. The objective of the focus groups was to ensure we have the most accurate account of resident priorities, needs and interests.
- In December 2021, five community members attended a webinar as part of the Residential Retrofit Program, to educate homeowners on general energy retrofits and lifestyle changes, including solar PV, heating systems, building envelope improvements, pool maintenance options, air sealing and conversion to electric vehicles.

- In January 2022, ten community members attended a workshop focused on air-source heat pumps, delivered by staff from the TRCA's Sustainable Technologies Evaluation Program.
- Four grant applications have been submitted to external agencies to support several community tree and pollinator planting events, and design and construction of a low impact development feature in the proposed Environmental Learning Zone at York Hill District Park.

Opportunities to advance implementation of the Thornhill SNAP Action Plan over the next two years will be brought forward to Council in a report in Q2 2022.

City staff are leading other climate change initiatives

The City participated in the [Youth Challenge International's Innovate MY Future program](#) as a municipal partner for two years. Through the Innovate MY Future program, Canadian youth across the GTHA have the opportunity to take action on local climate issues and design youth-led projects to make a real difference in their communities.

The Innovate MY Future program will help the City of Vaughan engage young people in climate action directly through participation in the program, and indirectly through peer-to-peer interactions and engagement. The program also supports the City of Vaughan's shift to encourage local collective action to act on climate change and other sustainability initiatives.

The information gathered from the climate action projects can be used to inform the revision of the Municipal Energy Plan and the development of a Climate Change Adaptation and Resilience Framework for the City of Vaughan. Policy Planning and Sustainability staff provide support to youth teams to advise them on local climate change priorities, issue challenge questions, and connect teams with local stakeholders. Based on municipal priorities, the teams will determine problem statements and work to develop a solution to their chosen problem statement.

The City has been a proud partner of the People Power Challenge for three years. The People Power Challenge is an employee engagement program offered by Partners in Project Green, of Toronto and Region Conservation Authority. It gives organizations a roadmap to drive sustainability into their practices and engage staff through educational webinars, action-oriented events and sustainability activities for home and the workplace. Each year the themes and activities are modified and help to build staff environmental knowledge to make tangible changes. Themes relate to energy efficiency, waste reduction, water stewardship and well-being, and activities are linked

to the United Nations Sustainable Development Goals. In 2021, the City of Vaughan demonstrated leadership in sustainability through the following:

- Winning the 2021 People Power Challenge
- Completing 252 activities
- Earning 34,550 points

The City completed 50 individual activities specifically related to Sustainable Development Goal 13: Climate Change.

For more information, contact Alanna MacKenzie, Sustainability Coordinator, ext. 8941

Approved by

A handwritten signature in black ink, appearing to read 'Haiqing Xu', written in a cursive style.

Haiqing Xu, Deputy City Manager
Planning & Growth Management

DATE: Friday, January 28, 2022

TO: Mayor and Members of Council

FROM: Michael Coroneos, Deputy City Manager, Corporate Services, City Treasurer and Chief Financial Officer

RE: **STAFF COMMUNICATION – February 8, 2022 / CW (2)**
New Business: Supplementary Tax Bills
Item 16, Report No. 61 of the Committee of the Whole,
December 15, 2020

Purpose

To report back to Council on the question pertaining to the issuance of supplementary tax bills and response from staff on how to support taxpayers when these are issued.

Background

When a property owner purchases a home that is a new-build (usually from the builder), they will be sent a Property Assessment Change Notice (PACN) from the Municipal Property Assessment Corporation (MPAC). This notice will describe a supplementary or omitted assessment value due to improvements to the property or a change in use. These notices can be for one year (current) but can also be issued back two more years, in accordance with legislation. There is an opportunity to discuss and appeal the value(s) should the property owner feel it is too high.

Once the PACN notices are issued, MPAC will notify the City of these changes in assessment by issuing a Supplementary and Omitted tax roll. City staff are then required to calculate and bill the tax levy that results from the new assessment value(s). The City can receive up to 7 different rolls (usually monthly) that reflect these changes. Once the Final billing is complete, City staff will then prepare and bill the properties included in these supplemental and omitted tax rolls. Following the same instalment requirements for the interim and final tax bills, these supplemental and omitted bills will be sent with 3 instalment due dates.

Analysis and Options

City staff are very cognizant of the impact of these supplemental and omitted assessments and provide support to the taxpayer in various ways – explanation of the new value (i.e., where did it come from), payment options and encouragement to speak with MPAC as the source of the valuation. If the taxpayer indicates the 3 instalments are too large to be handled, direction to our PTP program is encouraged as they will have the opportunity to pay more frequently.

For more information, contact
Maureen Zabiuk, Manager, Property Tax & Assessment, ext.8268

Respectfully submitted by

A handwritten signature in blue ink, appearing to read "Michael Coroneos". The signature is fluid and cursive, with the first name "Michael" and last name "Coroneos" clearly distinguishable.

Michael Coroneos, Deputy City Manager Corporate Services, City Treasurer and Chief
Financial Officer

**Staff Communication SC3
Committee of the Whole (2)
February 8, 2022**

DATE: February 4, 2022

TO: Mayor and Members of Council

FROM: Zoran Postic, Deputy City Manager, Public Works

RE: **STAFF COMMUNICATION – February 8, 2022**
Committee of the Whole (2)
Annual Water Quality Report

1. Purpose

The purpose of this Staff Communication is to provide the Mayor and Members of Council with information that will be posted for public viewing to maintain compliance with the reporting requirements of the Safe Drinking Water Act and Ontario Regulation 170/03 - Drinking Water Systems.

2. Analysis

The City is required, by the Ministry of the Environment, Conservation and Parks, to post an Annual Water Quality Report for public viewing before the 28th of February each year.

The City's Annual Water Quality Report (Attachment 1) will be posted to the City's website and made available to the public by February 28, 2022.

Attachment 1: Annual Water Quality Report, January 28, 2022

For more information, please contact: Emilie Alderman, Acting Director, Environmental Services, ext. 6102

Approved by

**Zoran
Postic**

Digitally signed by
Zoran Postic
Date: 2022.02.01
09:17:33 -05'00'

Zoran Postic, Deputy City Manager, Public Works

Attachment – 1

January 28, 2022

ANNUAL WATER QUALITY REPORT

Drinking-Water System Number: 260003097
Drinking-Water System Name: Vaughan Distribution System
Drinking-Water System Owner: The Corporation of the City of Vaughan
Drinking-Water System Category: Large Municipal - Residential
Period being reported: January 1, 2021 to December 31, 2021

Complete if your Category is Large Municipal Residential or Small Municipal Residential:

Does your Drinking-Water System serve more than 10,000 people? Yes ☒ No ☐

Is your annual report available to the public at no charge on a web site on the Internet? Yes ☒ No ☐

Location where Summary Report required under O. Reg. 170/03 Schedule 22 will be available for inspection:

www.vaughan.ca

List all Drinking-Water Systems (if any), which receive all of their drinking water from your system:

None

Did you provide a copy of your annual report to all Drinking Water System owners that are connected to you and whom you provide all of its drinking water?

- ☐ Yes
☐ No
☒ Not applicable

Indicate how you notified system users that your annual report is available, and is free of charge:

- ☒ Public access/notice via the web
☐ Public access/notice via Government Office
☐ Public access/notice via a newspaper
☐ Public access/notice via Public Request
☐ Public access/notice via a Public Library
☒ Public access/notice via other method

Describe your Drinking-Water System

The Vaughan Distribution System consists of one (1) booster pumping station (Maplewood Booster Station/North Maple Booster Station), one (1) pressure elevating system (Woodland Acres Pressure Elevating System) and trunk and distribution water mains in the City of Vaughan.

Drinking water for the City of Vaughan is supplied from York Region, who obtains water from the City of Toronto and Peel Region. The City of Toronto operates four (4) water treatment plants using Lake Ontario as a raw water source.

List all water treatment chemicals used over this reporting period.

Water is treated by City of Toronto and the Regional Municipality of Peel. List of chemicals used for water supplied to City of Vaughan is available on their web site www.toronto.ca and www.peelregion.ca, respectively.

Were any significant expenses incurred to?

- ☐ Install required equipment
- ☒ Repair required equipment
- ☐ Replace required equipment

Brief description and a breakdown of monetary expenses incurred:

- Water main replacements – \$1,500,000
- Scheduled and emergency valve repairs (including pressure reducing valve maintenance) – \$253,267
- Scheduled and emergency water main repairs – \$516,730
- Scheduled and emergency hydrant repairs (including preventative maintenance inspections) – \$700,649
- Operation and maintenance of booster stations – \$58,492
- Water service repairs – \$483,431
- Water meter maintenance/installation – \$15,207
- Chamber repairs – \$18,000

Provide details on the notices submitted in accordance with subsection 18(1) of the Safe Drinking-Water Act or section 16-4 of Schedule 16 of O. Reg. 170/03 and reported to Spills Action Centre.

Incident Date	Parameter	Result	Unit of Measure	Corrective Action	Corrective Action Date
01/12/21	Combined Chlorine	0.04	mg/L	Flush and retest	01/12/21
02/18/21	Total Coliform	TC – P	P-A/100mL	Flush and resample	02/23/21
04/16/21	Combined Chlorine	3.45	mg/L	Flush and retest	04/16/21
05/18/21	Combined Chlorine	3.41	mg/L	Flush and retest	05/18/21
05/19/21	Combined Chlorine	4.94	mg/L	Flush and retest	05/19/21
06/18/21	Total Coliform	TC – P	P-A/100mL	Flush and resample	06/22/21
06/21/21	Combined Chlorine	4.19	mg/L	Flush and retest	06/21/21
06/24/21	Total Coliform	TC – P	P-A/100mL	Flush and resample	06/30/21

Incident Date	Parameter	Result	Unit of Measure	Corrective Action	Corrective Action Date
07/07/21	Total Coliform	TC – P	P-A/100mL	Flush and resample	07/12/21
07/07/21	Total Coliform	TC – P	P-A/100mL	Flush and resample	07/20/21
07/09/21	Total Coliform	TC – P	P-A/100mL	Flush and resample	07/20/21
07/12/21	Total Coliform	TC – P	P-A/100mL	Flush and resample	07/20/21
07/12/21	Combined Chlorine	0.02	mg/L	Flush and retest	07/12/21
07/14/21	Total Coliform	TC – P	P-A-/100mL	Flush and resample	07/19/21
07/14/21	Total Coliform	TC – P	P-A/100mL	Flush and resample	07/21/21
07/14/21	Total Coliform	TC – P	P-A/100mL	Flush and resample	07/19/21
07/14/21	Total Coliform	TC – P	P-A/100mL	Flush and resample	07/21/21
07/15/21	Total Coliform	TC – P	P-A/100mL	Flush and resample	07/20/21
07/16/21	Total Coliform	TC – P	P-A/100mL	Flush and resample	07/21/21
07/16/21	Total Coliform	TC – P	P-A/100mL	Flush and resample	07/21/21
07/16/21	Total Coliform	TC – P	P-A/100mL	Flush and resample	07/19/21
07/16/21	Total Coliform	TC – P	P-A/100mL	Flush and resample	07/26/21
07/16/21	Total Coliform	TC – P	P-A/100mL	Flush and resample	07/19/21
07/16/21	Total Coliform	TC – P	P-A/100mL	Flush and resample	07/21/21
07/16/21	Total Coliform	TC – P	P-A/100mL	Flush and resample	07/19/21
07/16/21	Total Coliform	TC – P	P-A/100mL	Flush and resample	07/19/21
07/16/21	Total Coliform	TC – P	P-A/100mL	Flush and resample	07/19/21
07/17/21	Total Coliform	TC – P	P-A/100mL	Flush and resample	07/20/21
07/18/21	Total Coliform	TC – P	P-A/100mL	Flush and resample	07/21/21

Incident Date	Parameter	Result	Unit of Measure	Corrective Action	Corrective Action Date
07/18/21	Total Coliform	TC – P	P-A/100mL	Flush and resample	07/21/21
07/18/21	Total Coliform	TC – P	P-A/100mL	Flush and resample	07/21/21
07/18/21	Total Coliform	TC – P	P-A/100mL	Flush and resample	07/26/21
07/20/21	Total Coliform	TC – P	P-A/100mL	Flush and resample	07/26/21
07/30/21	Total Coliform	TC – P	P-A/100mL	Flush and resample	08/05/21
07/30/21	Total Coliform	TC – P	P-A/100mL	Flush and resample	08/05/21
08/05/21	Total Coliform	TC – P	P-A/100mL	Flush and resample	08/09/21
08/05/21	Total Coliform	TC – P	P-A/100mL	Flush and resample	08/13/21
08/05/21	Total Coliform	TC – P	P-A/100mL	Flush and resample	08/09/21
08/07/21	Total Coliform	TC – P	P-A/100mL	Flush and resample	08/11/21
08/07/21	Total Coliform	1	CFU/100mL	Flush and resample	08/13/21
08/09/21	Total Coliform	1	CFU/100mL	Flush and resample	08/13/21
08/13/21	Total Coliform	TC – P	P-A/100mL	Flush and resample	08/16/21
08/18/21	Total Coliform	TC – P	P-A/100mL	Flush and resample	08/24/21
08/20/21	Total Coliform	TC – P	P-A/100mL	Flush and resample	08/25/21
08/25/21	Total Coliform	TC – P	P-A/100mL	Flush and resample	09/09/21
08/25/21	Total Coliform	TC – P	P-A/100mL	Flush and resample	08/30/21
08/25/21	Total Coliform	TC – P	P-A/100mL	Flush and resample	09/01/21
08/25/21	Total Coliform	TC – P	P-A/100mL	Flush and resample	08/30/21
08/27/21	Total Coliform	TC – P	P-A/100mL	Flush and resample	08/31/21

Incident Date	Parameter	Result	Unit of Measure	Corrective Action	Corrective Action Date
08/27/21	Total Coliform	5	CFU/100mL	Flush and resample	09/01/21
08/27/21	Total Coliform	2	CFU/100mL	Flush and resample	09/09/21
08/30/21	Total Coliform	1	CFU/100mL	Flush and resample	09/09/21
09/01/21	Total Coliform	1	CFU/100mL	Flush and resample	09/09/21
09/03/21	Total Coliform	1	CFU/100mL	Flush and resample	09/09/21
09/10/21	Combined Chlorine	3.02	mg/L	Flush and retest	09/10/21
09/23/21	Total Coliform	TC – P	P-A/100mL	Flush and resample	09/27/21
09/23/21	Total Coliform	TC – P	P-A/100mL	Flush and resample	09/27/21
09/24/21	Total Coliform	TC – P	P-A/100mL	Flush and resample	09/28/21
12/12/21	Total Coliform	TC – P	P-A/100mL	Flush and resample	12/16/21
12/15/21	Total Coliform	TC – P	P-A/100mL	Flush and resample	12/21/21
12/22/21	Total Coliform	TC – P	P-A/100mL	Flush and resample	12/30/21

Microbiological testing done under the Schedule 10, 11 or 12 of Regulation 170/03, during this reporting period.

	# of Samples	Range of E.Coli or Fecal Results Present (P)/Absent (A)	Range of Total Coliform Results Present (P)/Absent (A)	# of HPC Samples	Range of HPC Results (cfu/1mL)
Distribution	1,750	A – A MPN/100mL	A – P MPN/100mL	895	<1 CFU/mL – 450 CFU/mL

Operational testing done under Schedule 7, 8 or 9 of Regulation 170/03 during the period covered by this Annual Report.

	Number of Grab Samples	Range of Results
Turbidity	1	0.8 NTU
Combined Chlorine – Range (Maximum/Minimum)	2,163	0.02mg/L – 4.94mg/L

Summary of additional testing and sampling carried out in accordance with the requirement of an approval, order or other legal instrument.

Date of legal instrument issued	Parameter	Date Last Sampled	Range of Results	Unit of Measure
05/23/19	Nitrosodimethylamine (NDMA)	12/07/21	<0.0009 – <0.0009	µg/L

Summary of Inorganic parameters tested during this reporting period or the most recent sample results.

Parameter	Sample Date (mm/dd/yy)	Result Value	Unit of Measure	Exceedance
Antimony	10/27/21	<0.0005	mg/L	No
Arsenic	10/27/21	0.0007	mg/L	No
Cadmium	10/27/21	<0.0005	mg/L	No
Chromium	10/27/21	<0.0005	mg/L	No
Selenium	10/27/21	<0.0005	mg/L	No
Sodium	10/27/21	15.1	mg/L	No
Fluoride	10/27/21	0.61	mg/L	No
Nitrite	12/07/21	<0.05	mg/L	No
Nitrate	12/07/21	0.81	mg/L	No

Summary of lead testing under Schedule 15.1 during this reporting period.

Location Type	Number of Samples	Range of Lead Results (min#) – (max#)	Number of Exceedances
Plumbing	0	Not Applicable	Not Applicable
Distribution	20	<0.0005 – 0.0013	0

Summary of Organic parameters sampled during this reporting period or the most recent sample results.

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Haloacetic Acids (HAA's) (NOTE: show latest annual average)	4/year	<8.0	µg/L	No
Trihalomethane (THM) (NOTE: show latest annual average)	4/year	21.2	µg/L	No

List any Inorganic or Organic parameter(s) that exceeded half the standard prescribed in Schedule 2 of Ontario Drinking Water Quality Standards.

Parameter	Result Value	Unit of Measure	Date of Sample (mm/dd/yy)
None			

STAFF COMMUNICATION**Staff Communication SC4****Committee of the Whole (2)****February 8, 2022**

DATE: Friday, February 4, 2022

TO: Mayor and Members of Council

FROM: Wendy Law, Deputy City Manager Legal and Administrative Services &
City Solicitor
Asad Chughtai, Director of Procurement Services

RE: **STAFF COMMUNICATION – February 8, 2022 / CW(2)**
Procurement Activity Report, Quarter 4 - 2021

1. Purpose

The purpose of this Staff Communication is to provide Mayor and Members of Council information regarding Procurement Activities undertaken in Q4 2021.

Under the City of Vaughan's [Corporate Procurement Policy PS-003, Reports to City Council Section 4.6.1](#), "The Director of Procurement Services shall prepare a summary information report on all procurement awards, to be submitted to Council on a quarterly basis".

2. Analysis

136 procurement contracts worth \$38.5 million were processed in Q4

Procurement Services processed 72 competitive bids valued at \$36.3 million and 64 non-competitive bids valued at \$2.2 million.

Additional details of all contract awards for procurement activities undertaken in Q4 2021 are available on the Vaughan Online [Procurement Services internal site](#) and the Procurement Services page on the [City of Vaughan external website](#).

The [City of Vaughan Bidding Portal](#) offers public access to all bid documents, including bid results and contract awards. Consolidated quarterly contract awards are also available via the Procurement Services page on the City of Vaughan external website.

Competitive spend expressed as a percentage of total procurement value is 94.3% for this quarter, 3.4% higher than Q4 2020.

On a full year basis the 2021 Competitive spend expressed as a percentage was 94.7%, 0.9% higher than Fiscal 2020.

Procurement Services continues to work with client departments to further improve the competitive procurement awards, while reducing the non-competitive spend.

Departments processed \$1.1 million in Low Dollar Module (LDM) Purchase Orders

In 2017, the LDM Purchase Order system was introduced to accommodate urgent departmental operational requirements while introducing transparency, comprehensive reporting and analysis and compliance with enhanced internal controls.

The introduction of LDM Purchase Orders through JDE has provided a more robust reporting tool, allowing the distribution of monthly reports to departments with information on their LDM purchases. It also provides Procurement Services with the ability to review the types of procurements made and engage in meaningful conversations with departments regarding spend patterns and alternate procurement methods that could be thoughtfully considered. This will help facilitate the departments' procurement needs while leveraging the City's buying capacity to obtain the best value for money spent.

During Q4, there were 1,095 LDM purchase orders issued, totaling \$1.1 million.

Q4 2021 LDM purchases are down \$0.2 million or 17 percent over the same quarter last year. A portion of this reduction was due to transitioning LDM purchases to competitive procurements through corporate contracts or Vendor of Record arrangements.

Overall, LDM spend for fiscal 2021 was reduced by \$0.6 million, or 12 percent, when compared to fiscal 2020. The following chart illustrates the LDM spend trends.

While Procurement Services has successfully worked with several departments to reduce their LDM purchases, further opportunities exist to analyze procurement spend data on a corporate wide basis, rather than just at the department level, to identify further opportunities to shift low dollar transactions to more efficient procurement methods through a disciplined approach. These include, consideration of additional Vendor of Record (VOR) Arrangements or Contracts, use of existing Competitive Processes (Multi-Year Contracts, Blanket Order Arrangements, VORs) and optimizing the use of PCard for eligible expense groups.

Departments processed \$1.6 million in Purchasing Card (PCard) transactions

To provide City employees with the flexibility to conduct day-to-day business, departments have the authority to purchase low value goods and services using PCards.

As of December 31, 2021, there were 270 approved PCard holders throughout the City of Vaughan and Vaughan Public Libraries.

The City of Vaughan implemented the PCard Program to transition from manual-intensive processes to a more efficient and cost-effective method of purchasing low value goods and services, reducing overall transaction time while improving transparency, visibility, monitoring and reporting.

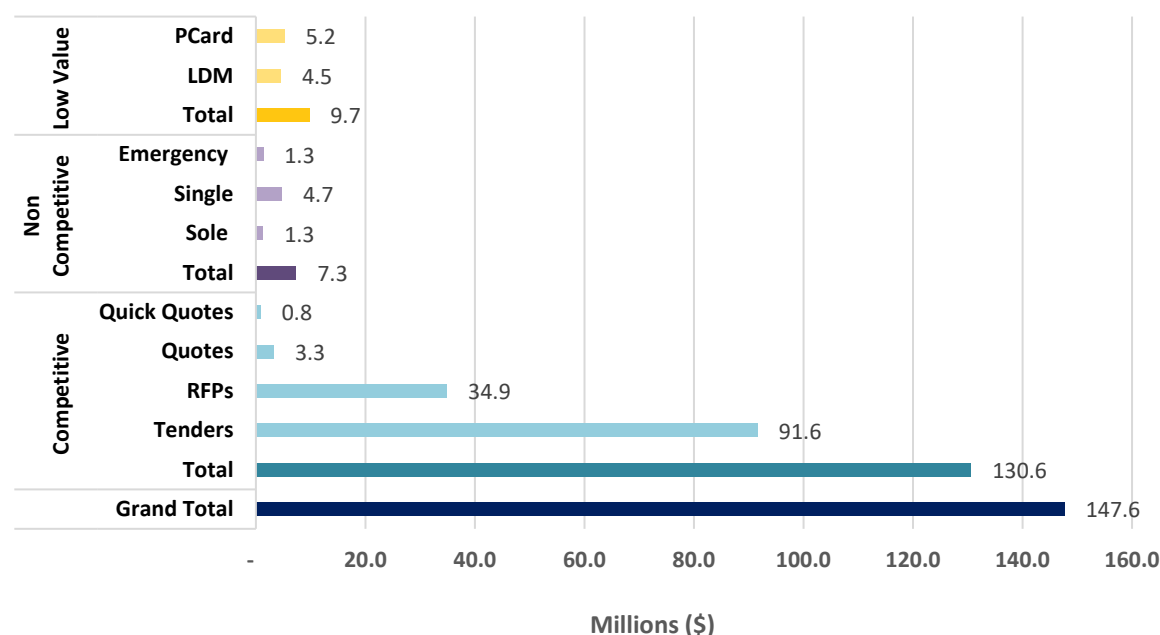
During Q4, departments processed 2,522 transactions worth \$1.6 million, primarily for low value operating supplies, advertising, professional memberships, training, seminars, and existing corporate contracts where the PCard can be utilized for payment. Q4 2021 PCard spend was \$0.2 million higher than the same reporting period last year as a result of transitioning to the most appropriate payment methods.

Fiscal 2021 PCard spend at \$5.2M is \$0.2 million more than Fiscal 2020 PCard spend.

As a result, the City continues to realize administrative and transactional savings through the significant reduction of cheque payments to multiple vendors, and to employees for reimbursement of out-of-pocket costs.

Total procurement for Fiscal 2021 was valued at \$147.6 million

The total procurement for Fiscal 2021 included Competitive awards worth \$130.6 million, Non-Competitive awards worth \$7.3 million and Low Value Purchases worth \$9.7 million.



Despite the COVID-19 pandemic and alternative working arrangements, the Fiscal 2021 total procurement increased by \$40.1 million over Fiscal 2020.

Conclusion

This report has been prepared in compliance with the Procurement Policy approved by Council on April 1, 2017.

For more information contact, Mary DiGiovanni, Manager, Business Support and Supplier Relationship, ext. 8020.



Wendy Law,
Deputy City Manager,
Legal and Administrative Services & City Solicitor



Asad Chughtai,
Director Procurement Services

Attachments

Attachment 1: Procurement Activity – Procurements by Type, and by Delegated Authority, Awarded During the Q4

Attachment 2: Procurement Activity – Procurements by Portfolio/Office, and by Procurement Type, Awarded During the Q4

Attachment 3: Procurement Activity – Competitive and Non-Competitive Procurement Activity for the Q4

Attachment 1: Procurement Activity – Procurements by Type, and by Delegated Authority, Awarded During Q4

Procurement Type		City Manager	Deputy City Manager	Director	Manager	Total
Request for Tender	\$	11,566,152	2,690,319	168,100	0	14,424,571
	#	5	9	2	0	16
Request for Proposal	\$	20,094,542	425,658	238,322	0	20,758,521
	#	4	3	5	1	13
Request for Quote	\$	0	194,000	566,673	52,640	813,313
	#	0	1	12	6	19
Request for Pre-Qualification	\$	0	0	0	0	0
	#	2	0	0	1	3
Quick Quote	\$	0	0	61,884	257,293	319,176
	#	0	0	2	17	19
Request for Information	\$	0	0	0	0	0
	#	0	0	0	2	2
Competitive	\$	31,660,694	3,309,977	1,034,978	309,933	36,315,582
	#	11	13	21	27	72
Sole Source	\$	182,838	79,833	89,205	0	351,876
	#	2	2	5	0	9
Single Source	\$	653,819	137,765	488,573	0	1,280,157
	#	8	4	35	0	47
Emergency Purchase	\$	327,722	212,212	36,840	0	576,774
	#	2	4	2	0	8
Non-Competitive	\$	1,164,379	429,810	614,617	0	2,208,807
	#	12	10	42	0	64
Grand Total	\$	32,825,073	3,739,787	1,649,595	309,933	38,524,389
	#	23	23	63	27	136

There were no contract awards during this quarter that required approval from Council or the VPL Board.

Attachment 2: Procurement Activity – Procurements by Portfolio/Office, and by Procurement Type, Awarded During Q4

Portfolio/Office		Request for Tender	Request for Proposal	Request for Quote	Request for Pre- Qualification	Quick Quote	Request for Information	Sole Source	Single Source	Emergency Purchases	Grand Total
City Manager	\$	-	-	19,757	0	32,858	-	34,205	259,744	15,428	361,991
	#	-	-	1	1	3	-	2	8	1	16
Administrative Services & City Solicitor	\$	-	4,427,265	-	-	-	-	-	-	-	4,427,265
	#	-	1	-	-	-	-	-	-	-	1
Community Services Portfolio	\$	-	-	7,620	-	33,984	0	-	19,306	-	60,910
	#	-	-	1	-	1	1	-	2	-	5
Corporate Services, City Treasurer & CFO	\$	-	-	164,760	-	-	-	79,833	100,750	-	345,343
	#	-	-	4	-	-	-	2	5	-	11
Infrastructure Development	\$	11,431,481	15,936,402	467,237	0	180,441	-	122,838	108,084	21,412	28,267,894
	#	8	6	6	2	8	-	1	3	1	35
Internal Audit	#	-	46,750	-	-	-	-	-	-	-	46,750
	\$	-	1	-	-	-	-	-	-	-	1
Office of Transformation & Strategy	#	-	164,658	-	-	-	-	-	95,400	-	260,058
	\$	-	2	-	-	-	-	-	1	-	3
Planning & Growth Management Portfolio	\$	249,490	-	30,000	-	8,600	-	-	6,000	-	294,090
	#	1	-	1	-	1	-	-	1	-	4
Public Works Portfolio	\$	2,638,150	183,447	118,954	-	54,920	-	115,000	651,830	539,934	4,302,234
	#	6	3	4	-	5	-	4	25	6	53
Vaughan Public Libraries	\$	105,450	-	4,985	-	8,374	0	-	39,043	-	157,853
	#	1	-	2	-	1	1	-	2	-	7
Grand Total	\$	14,424,571	20,758,521	813,313	0	319,176	0	351,876	1,280,157	576,774	38,524,389
	#	16	13	19	3	19	2	9	47	8	136

Attachment 3: Procurement Activity – Competitive and Non-Competitive Procurement Activity for Q4 and YTD December 31, 2021

Bid-Type	Q4 2021		YTD Dec 31, 2021	
	No. of Awards	Value (\$)	No. of Awards	Value (\$)
Competitive				
Tenders	16	14,424,571	69	91,625,138
RFPs	13	20,758,521	53	34,884,482
Quotes	19	813,313	80	3,252,823
RFPQ	3	0	28	0
QQ	19	319,176	63	825,935
RFI	2	0	5	0
Sub-Total Competitive	72	36,315,582	298	130,588,379
Non-Competitive				
Sole-Source	9	351,876	40	1,300,193
Single-Source	47	1,280,157	119	4,718,904
Emergency-Procurement	8	576,774	20	1,315,057
Sub-Total Non-Competitive	64	2,208,807	179	7,334,154
Total	136	38,524,389	477	137,922,533

DATE: February 4, 2022

TO: Mayor and Members of Council

FROM: Michael Coroneos, Deputy City Manager Corporate Services,
City Treasurer and Chief Financial Officer
Michael Marchetti, Director, Financial Planning and Development Finance

RE: **STAFF COMMUNICATION – February 8, 2022 / CW (2)**
New Business: Request for Report on Unspent Development
Charges (Item 18, Report No. 52); and
New Business: Request for Response to Article on Unspent
Municipal Reserves (Item 12, Report No. 58)

1. Purpose

Following a report by Altus Group and a Toronto Star article entitled “Unspent municipal reserves affect livability, affordability”, Councillor Carella put forward two motions (one at CW2 on Nov 9, 2021 and another at CW2 on Dec 7, 2021) requesting information on the City’s development charges, cash-in-lieu of parkland and Section 37 reserve balances.

The purpose of this Staff Communication is to provide the Mayor and Members of Council information regarding unspent development related reserve balances.

2. Analysis

The City collects development charges (DC), cash-in-lieu of parkland (CIL) and Section 37 (S37) benefits from developers in order to fund the initial capital cost of growth-related infrastructure and parkland acquisition as new developments are approved. Without these charges, the burden of funding these activities would be borne by all property tax payors across the City, instead of the development that is generating the need for new infrastructure.

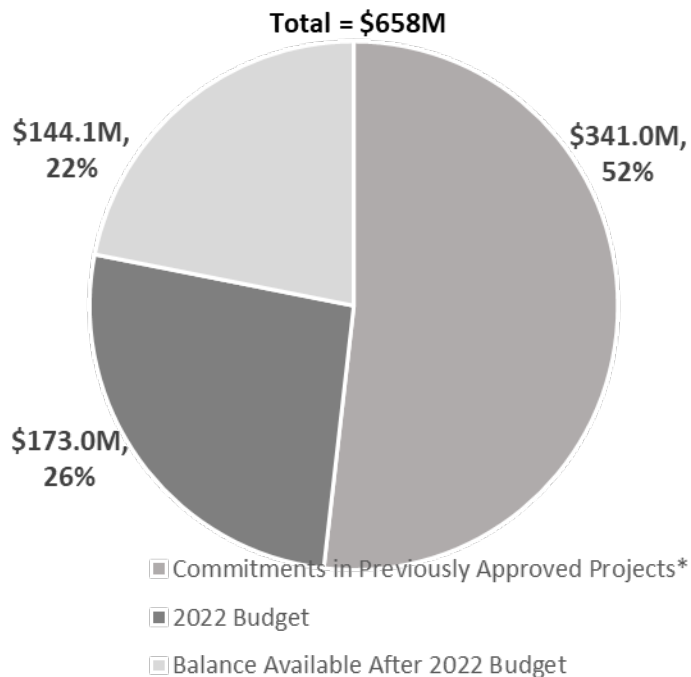
City development charges are governed by the Development Charges Act, 1997 and administered through the City’s own DC by-laws. The Act requires that the City update its DC background study and by-law at least every five years through consultation with the development industry. The City currently collects city-wide DCs and area specific DCs (ASDC) at the time building permits are issued, with few exceptions. CIL is legislated under the Planning Act, R.S.O 1990, and is used by the City to acquire parkland across the City, in cases where parkland is not conveyed through development. S37 benefits are also governed by the Planning Act and are collected primarily from developers that are seeking permission to build taller or higher density developments than contemplated through the Official Plan or Secondary Plans in return

for securing specific types of community benefits. These funds (DC, CIL and S37) are collected and maintained in their own separate reserves for specific purposes and are reported annually through the legislated annual Treasurer's Statement.

Per figure 1 below, the total DC, CIL and S37 reserve balances as of Q3 2021 are \$658 million, before open commitments. The \$658 million can be broken down into 3 components:

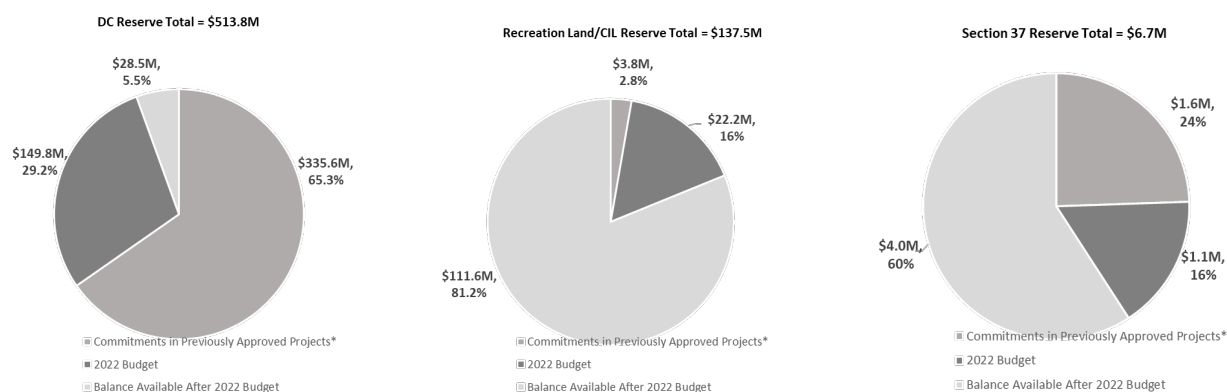
- \$341 million - committed or open capital projects funded by these reserves.
- \$173 million - approved for 2022 capital projects
- \$144.1 million - allocated to future projects identified through the DC study or for parkland acquisition but without approved capital projects.

Figure 1: Total 2021 Q3 DC, Recreation Land (CIL) and Section 37 Reserve Balances Breakdown



Figures 2 below splits the above pie chart into individual reserve balance pie charts to illustrate how each reserve is allocated to previously committed projects, 2022 capital budget and any remaining available balance.

Figure 2: Total 2021 Q3 DC, Recreation Land and S37 Reserve Balances Breakdown



As illustrated by the individual pie charts above:

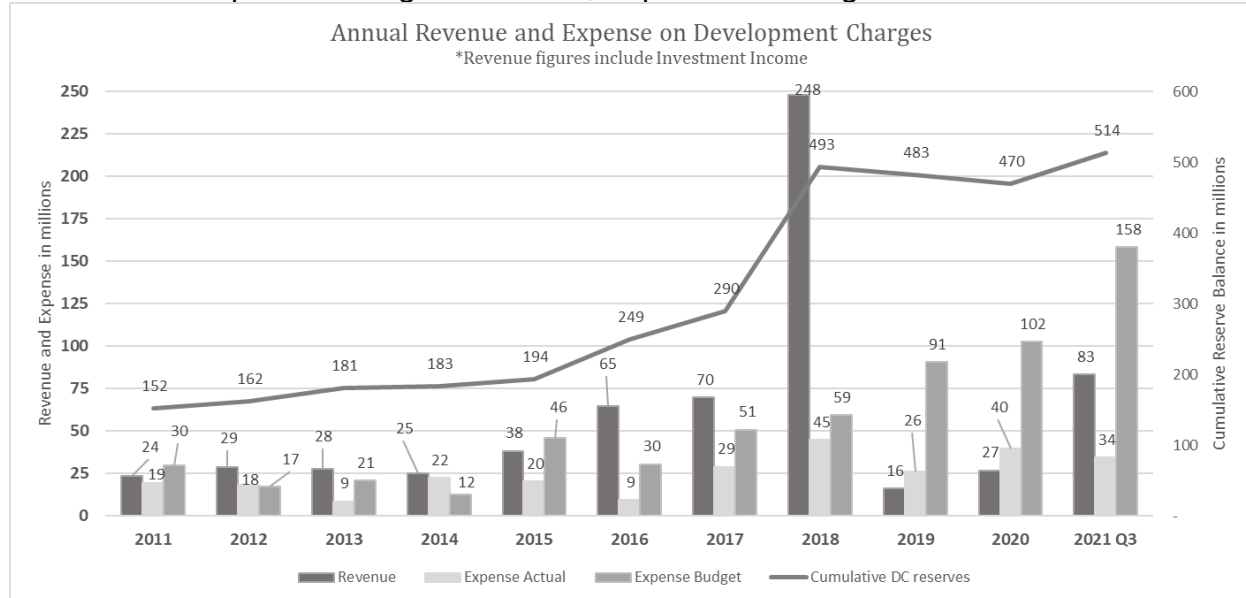
- DC reserves are 95% allocated to currently approved capital projects, remaining balance are allocated to future growth projects in the DC Background Study
- Recreation Land/CIL reserve is less than 20% allocated to identified and approved acquisitions, due to the nature of land acquisition for parkland
- S37 reserves are 40% allocated to approved projects, however all S37 funds are allocated to specific local enhancements purpose projects through legal agreements with developers.

Development Charge Reserve Balances

The Toronto Star article and the Altus Group report (The Report) stated that Vaughan had a cumulative DC reserve balance of \$482 million at the end of 2019, prior to any approved open capital commitments. This amount consists of city-wide DC reserve balance of \$473 million and \$9 million in ASDC reserve balances. The total DC reserve balance has increased to \$514 million, before commitments, as of Q3 2021.

A major contributing factor to the high DC reserve balances identified in the report was the \$167.5 million of city-wide DC pre-payment collections in 2018 as part of the transition measures negotiated with the development industry during the 2018 DC by-law update. Developers were able to pre-pay their DCs at the rates in effect from the previous 2013 DC background study, thus allowing developments that met certain timelines to pay DCs at a lower rate than what was being proposed in the new DC study. These pre-payments represented a 53% increase in DC reserve balances at that time, followed by abnormally low DC collections in 2019 and 2020 (as reported to Council through the annual DC Treasurer's Statements and shown below in chart 1).

Chart 1: Development Charge Revenues, Expenditure Budget and Actuals



Although these pre-payment agreements created a spike in reserve balances as shown in Chart 1 above, the amount collected was at a lower rate than what would have been collected through the 2018 DC background study and by-laws, had no pre-payment agreements been undertaken. The collections also came in sooner than contemplated in the 2018 DC background study which results in a variance between collections and when capital costs would need to be incurred due to population increases.

The table below illustrates the DC reserve balances before and after commitments.

	2017	2018	2019	2020	Q3 2021
Area Specific DC	1,922,331	8,759,698	9,198,534	13,038,772	14,620,668
DC - Citywide	287,945,220	484,283,592	473,320,916	456,546,386	499,227,692
DC Sub-total (before commitments)	289,867,550	493,043,290	482,519,449	469,585,159	513,848,359
Open Commitments/ Approved					
Capital	126,474,730	124,265,742	183,300,536	224,916,325	335,625,208
DC Total (after commitments)	163,392,820	368,777,548	299,218,913	244,668,834	178,223,151
2022 Capital Budget Commitments					149,759,083
DC Total after 2022 Capital Budget					28,464,068

This table illustrates that the City's reserve balance after commitments is significantly lower than what is represented in the Altus report. After incorporating the 2022 Capital budget requirements, the reserve balance further declines to \$28.5m. This data is shown graphically in the pie charts in Figure 2 above.

Every dollar collected from DCs has been allocated to an extensive capital program contained in the DC Background Study. This capital program, along with the DC reserve balances are factored into the DC rate calculations completed during the DC by-law update. The capital program is vetted by the development industry during the consultation period prior to final approval. It is also prudent financial planning to maintain a level of reserves to allow flexibility in delivering infrastructure due to changing priorities.

It is important to note that DC reserves experience a lag between collections and spending due to a variety of factors, including:

- DC's are collected in advance of growth-related capital infrastructure being approved in the City's capital budget process.
- Significant time is often required for land acquisition (if applicable), servicing, design, tendering, contract award and invoicing.
- Some DC funded projects are constructed by a third party such as the Region or developers/landowners on behalf of the City and capital expenditures are only recognized once final invoices have been received by the City for payment.
- Outstanding warranty period resulting in projects being left open.
- The City's procurement process, which requires full capital budget approval prior to tendering

Attachment 1 provides a listing of all capital projects initiated prior to this term of Council, with a remaining unspent balance of greater than \$1 million as of Q3 2021. Some of these projects are large community building projects that take several years to complete such as the Black Creek and Edgeley Pond renewal and Carrville Community Centre. Other projects are funded by area specific DCs, and are developer driven and will only be closed once sufficient funds have been collected to reimburse the front ending developer. All listed capital projects are expected to be fully spent within the next term of Council.

Cash-in-Lieu of Parkland Reserve Balance

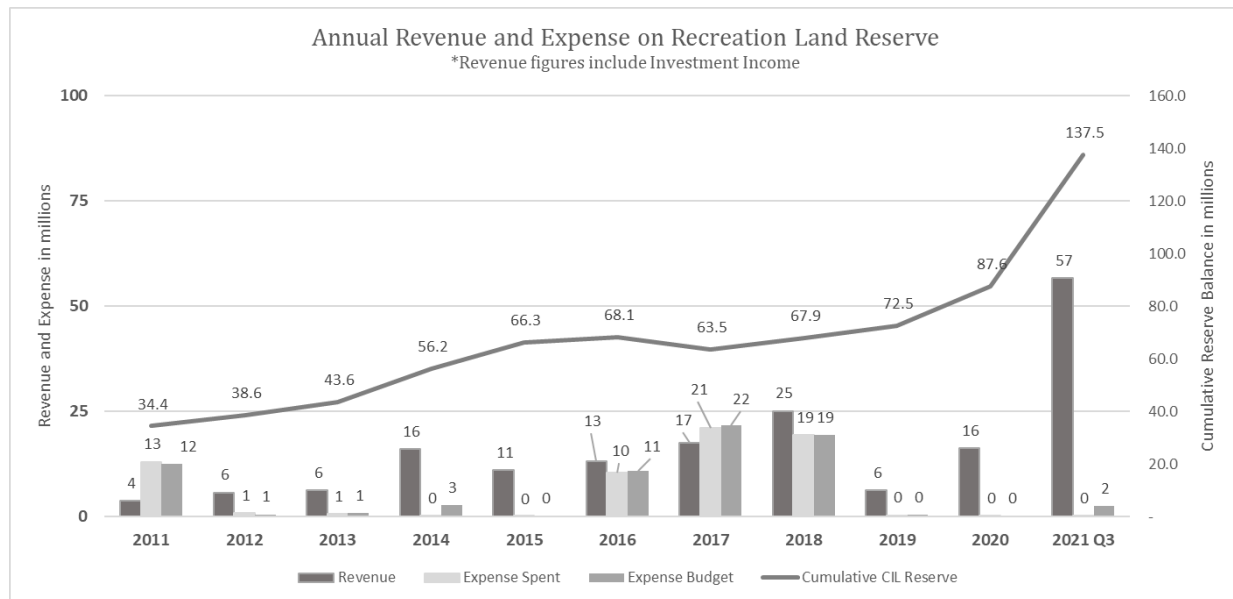
The Report stated that Vaughan had a cumulative CIL reserve balance of \$72 million at the end of 2019, prior to any approved open capital commitments. The total CIL reserve balance has increased to \$137.5 million, before commitments, as of Q3 2021.

The table below illustrates the reserve level before and after commitments.

	2017	2018	2019	2020	Q3 2021
CIL/Recreation Land	63,483,795	67,884,484	72,544,521	87,581,337	137,538,724
Open Commitments/ Approved Capital	1,370,707	1,383,021	1,560,598	1,595,081	3,756,516
CIL Total (after commitments)	62,113,088	66,501,463	70,983,923	85,986,256	133,782,208

The reserve balance has spiked in recent years primarily driven by a surge in high density development within Strategic Growth Areas such as the Vaughan Metropolitan Centre (VMC) as shown in Chart 2.

Chart 2: Cash-in-Lieu of Parkland Revenues, Expenditure Budget and Actuals



The use of CIL, as per the City's Consolidated Reserve Policy, is for the acquisition of parkland to address future growth and maintain established levels of service. The acquisition of lands within growth areas, specifically to address needs within areas of intensification, is challenged by the availability of adequate lands on the market and within current purchasing power limitations at fair market value. However, it should be noted, should opportunities become available, the City will continue to make strategic acquisitions. Further to the recommendations of the Land Acquisition Strategy completed in 2021, the recommendations of the forthcoming Parkland Dedication Guideline Study, and subject to available resources, staff will be developing necessary studies to identify City-wide parkland strategic acquisitions. Subject to Council direction, CIL may be considered as a contributing funding source for parkland redevelopment.

Section 37 Reserve Balance

In reference to Section 37 reserve (S37) balances, the Report did not specifically mention Vaughan, however it is prudent to share this information with Council. As of 2019, Vaughan had a cumulative S37 reserve balance of \$3 million as of Q4 2019, prior to any approved open capital commitments. The total S37 reserve balance has increased to \$6.7 million, before commitments, as of Q3 2021.

S37 collections are driven by the developer's desire to build beyond the height and density permissions allowed in the Official Plan or Secondary Plan of the City. S37 policies are administered by the Planning and Growth Management portfolio in consultation with the Legal Services, Finance, Community Services, Parks Infrastructure and Planning, Engineering, Real Estate and Public Works Departments in accordance with the City's *Guidelines for the Implementation of Section 37 of the Planning Act*. S37 provisions are negotiated in exchange for benefits to enhance the community through public art, enhancements to parks or trails, outdoor and indoor recreation facilities, or other public realm improvements, guided by City objectives and

policies. All funds collected through S37 negotiations have been linked to specific projects identified, however there is typically a delay in when these funds are used. While the funds are collected at the enactment of a zoning by-law amendment or at the issuance of a permit, the use of, the use of S37 funds typically occurs well after a development is completed. In areas of intensification, S37 is sometimes collected to enhance the area with a larger project which requires collection from several developers over time, instead of many smaller improvements / enhancements. In these instances, the S37 collections are retained until the full cost has been collected and the capital improvement may be undertaken.

The table below illustrates the reserve level before and after commitments.

	2017	2018	2019	2020	Q3 2021
Section 37	1,925,052	2,874,006	3,055,559	5,228,171	6,741,939
Open Commitments/ Approved Capital	-	534,723	449,905	649,905	1,648,582
S37 Total (after commitments)	1,925,052	2,339,283	2,605,654	4,578,266	5,093,357

As areas of intensification continue to develop, some developers prefer to provide a letter of credit in lieu of S37 fund and are willing to undertake the works themselves as it directly benefits their own property. These letters of credit are not factored into the reserve balances, as the money is not directly received by the City.

It is important to note that the Province has made changes to Section 37 of the Planning Act and has replaced the provision of S37 with a new Community Benefits Charge (CBC). The CBC will require the City to develop a strategy similar to the DC Background Study in consultation with the development industry. The CBC will be applicable to developments greater than 5 storeys and more than 10 residential units. The funds collected will be held in a new reserve to be used to fund capital projects identified in the CBC strategy. Staff are in the process of developing a CBC strategy and by-law for the City with completion and approval expected later this year.

Conclusion

The article from the Toronto Star, based on the Altus Report, does identify that the City's DC and CIL reserves are significant. What the report does not demonstrate are the factors that are causing the increased reserve levels such as the large DC collection in 2018 as a result of the City's negotiated DC prepayment agreements with the development industry, or the time delay between capital approval to construction and final invoicing. Also, the funds within the reserve are committed to approved future growth-related projects that will be constructed as the need for the infrastructure arises. In regard to the CIL reserve, the City is undertaking various studies to strategically plan for future parkland acquisitions and the use of CIL which will significantly draw down on the reserve balance.

For more information, contact Nelson Pereira, Manager, Development Finance, ext. 8393.

Attachments

1. Capital Projects 2018 and older with remaining DCs funds

Prepared By:

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Approved by



Michael Coroneos, Deputy City Manager, City Treasurer,
and Chief Financial Officer

Capital Projects 2018 and older with remaining DCs funds

as of Q3 2021

\$ Millions

\$ Millions					As of Q4 2018		As of Q3 2021				Expected Completion
					DC Funded		DC Funded		Total Project		
Project Year	Project #	Project	Managing Dept	# Projects	Budget	Unspent	Budget	Unspent	Budget	Unspent	
2015	BF-8378-15	Carrville Community Centre and District Park	FM		3.2	3.1	68.6	65.6	69.4	65.8	2025
2017	DE-7176-17	Black Creek Channel Renewal Design and Construction	IDev		5.2	5.2	14.4	14.1	17.6	17.0	2025
2016	DE-7114-16	Portage Parkway - Hwy 400 to Jane Street	PP&SP		4.2	4.2	13.2	11.8	13.2	11.8	2024
2017	DE-7175-17	VMC Edgeley Pond Design and Construction	IDev		4.3	4.0	11.8	11.4	27.7	25.6	2025
2017	RE-9537-17	VMC Library, Recreation and YMCA Centre of Community	Recreation		6.4	1.4	19.1	6.9	29.6	8.0	2022*
2015	LI-4522-15	New Carrville Block 11 Library	FM		0.3	0.3	6.7	6.4	6.8	6.5	2025
2018	ID-2059-18	Dufferin Works Yard Improvements/ Renovations	IDev		3.2	3.0	6.3	5.8	8.1	7.5	2023
2015	DE-7157-15	Huntington Road Trade Valley to Rutherford - Sanitary Sub-Trunk	DE		4.5	4.5	4.5	4.5	4.5	4.5	2022
2015	DE-7150-15	Zenway / Fogul Sanitary Sub-Trunk	DE		4.4	3.5	4.4	3.5	4.4	3.5	2022
2016	PL-9550-16	Official Plan Review	PP&SP		1.7	1.6	4.9	2.9	5.3	2.9	2025
2008	EN-1726-08	Applewood Crescent Extension	IDev		6.1	1.5	6.8	2.2	6.8	0.0	2022
2018	PK-6287-18	Block 18 District Park Development (UV2-D1)	PIPD		0.5	0.5	2.2	2.1	2.3	2.2	2023
2011	DT-7065-11	Millway Avenue Widening & Realignment	PP&SP		8.5	1.9	8.5	2.1	10.9	2.9	2022
2007	DT-7012-07	PD 5 West Woodbridge Watermain	DE		2.8	1.4	2.8	1.7	2.8	1.7	2022
2015	DE-7138-15	Block 55 PD-KN Watermain Servicing	DE		11.6	1.8	11.4	1.7	11.4	1.7	2022
2018	DE-7174-18	Applemill Road Extension, Millway To Jane Street – Collective Roads Oversizing	PP&SP		1.4	1.4	1.4	1.4	1.4	1.4	2022
2013	DP-9524-13	Highway 7 VMC Streetscape	PP&SP		2.0	1.7	2.0	1.4	2.0	0.8	2026
2018	PK-6456-18	Algoma Park-Block 61W Neighbourhood Park Development (61W-N4)	PIPD		0.5	0.5	1.3	1.3	1.5	1.5	2023
2017	PK-6498-17	Block 59 District Park Construction (WVEA59-D1)-Phase 1	PIPD		0.5	0.5	1.3	1.3	1.3	1.3	2025
2013	PK-6395-13	Cannes Park-UV1-N27 Neighborhood Park Design and Construction	PIPD		1.3	1.3	1.5	1.2	1.7	0.7	2022
2017	RP-1972-17	Public Works and Parks Operations Yard Expansion and Upgrade Strategy	PFHO		10.1	1.1	10.1	1.0	16.2	1.5	2023
Sub-Total (>\$1M unspent)				21	82.8	44.4	203.2	150.3	245.0	168.6	
Sub-Total (<\$1M unspent)				76	51.0	38.7	63.0	17.7	84.2	18.3	
Grand Total				97	133.8	83.1	266.3	168.0	329.2	186.9	

* VMC-YMCA Centre of Community construction is set to be complete in 2022, but there will be on-going cash-flow requirements due to financing arrangement