

Re:	Options for an Online Council Member Voting R	ecord	
From:	David Weber Director, City Clerk's Office	File:	01-0105-01/2019-Vol 01
То:	General Purposes Committee	Date:	February 26, 2019

Staff Recommendation

That the staff report titled "Options for an Online Council Member Voting Record," dated February 26, 2019, from the Director, City Clerk's Office, be received for information.

Dant Wiles

David Weber Director, City Clerk's Office (604-276-4098)

Att. 7

R	EPORT CONCURRE	ENCE
ROUTED TO:	CONCURRENCE	CONCURRENCE OF GENERAL MANAGER
Information Technology		A
REVIEWED BY STAFF REPORT / AGENDA REVIEW SUBCOMMITTEE	INITIALS:	APPROVED BY BAO

Staff Report

Origin

At the General Purposes Committee of December 3, 2018, the following referral motion was adopted:

That staff be directed to examine options and the feasibility for a public registry of City Council member voting records and report back.

This report responds to this referral and outlines options for Council's consideration.

Analysis

It is commonplace even for very small local governments to publish agendas and minutes online. The City of Richmond was an early adopter of this practice and has been publishing Council and Committee agendas and minutes since January 2000. The minutes comply with all requirements of the *Local Government Act* and the *Council Procedures Bylaw* by recording all motions and final decisions of Council, direction to staff, Council members' attendance or absence, declarations of conflict of interest, pertinent discussion and votes cast on all motions including specifying those voting in opposition. Outside of the Council and Committee minutes, there is currently no other stand-alone City summary of individual Council member votes.

Staff conducted a scan of 80 local government websites in BC and across the country in order to determine if and how municipalities post summary voting data online (Attachment 1). A total of 40 BC and lower mainland local government websites were surveyed. Of those surveyed, every local government publishes agendas and minutes online, and 2 of those local governments, namely Vancouver and Prince George, also create and publish a separate Council member voting record online. Additionally, out of a total of 40 of the largest cities and provincial capitals that were surveyed across Canada, a further 3 cities, namely Toronto, Brampton, and Halifax, were found to publish a separate voting record or summary on their websites in addition to publishing agendas and minutes.

The municipalities that regularly provide a voting summary separate from meeting minutes take varying approaches to compiling and presenting the voting data and offer different features as part of their end product. These differing approaches generally reflect varying levels of resources devoted to the process. A brief description of each city's approach is provided in Attachments 2-6 along with samples of the published voting records. Below is a summary of some of the key differences in approaches and features observed:

<u>How voting data is captured</u>: Some of the municipalities simply work from the official minutes to glean the voting data for the voting record or summary after the fact. Other municipalities, such as Vancouver, Toronto and Halifax, instead use their meeting audio/visual control systems to capture and collect live voting data at the time of voting. By pressing buttons during the meeting on a control panel, individual Council members can cast their vote on a motion which is then captured and populated into a system that is used to create and display a voting record. This approach requires the appropriate hardware and software to be in place in the meeting room.

- <u>Static documents versus database-driven systems</u>: Some municipalities create a separate static document for the voting summary which simply lists the agenda items along with the individual Council member votes. Other municipalities capture the voting information in a database system which is then used to create or display a dynamic online report. Database-driven systems are typically more flexible in terms of how the information can be accessed and displayed over time, they provide more search and filter options, and can more easily link to related minutes and reports.
- <u>Resources</u>: Depending on the nature of the voting record or summary, a municipality's investment towards providing this service may be modest or significant. Prince George's model, for example, would be fairly modest to implement as it would only require the production of a single document once every two weeks. At the other end of the spectrum, Toronto's investment has been significant in that their online voting record is part of a larger meeting management database system that was developed in-house approximately ten years ago. This system manages all manner of information related to the legislative process including agenda creation, minutes, referral and action tracking, voting records, searching and web publication. The system is used by numerous legislative services staff and the public and is supported by four full-time technical staff to manage the system.

City of Richmond Council Decisions Database

Since approximately 2005, the City Clerk's Office has maintained a database which documents all open Council meeting decisions as presented in official minutes. Information in the Council Decisions Database dates from the year 2000 onwards and is regularly kept up-to-date. Using a web-based interface, users can search the database by multiple fields such as subject, keyword and date. Once a search result is obtained, users can link directly from the database search results list to the relevant minutes and reports on the City website. Over the years, the database has grown in scope and has become a significant tool for staff for records management and research.

Initially, the database was used only by staff in the City Clerk's Office to assist with research requests. However, a few years ago, after the addition of a more user-friendly search screen, the database was made available to all City staff as a self-serve research tool through the City intranet. Over the last year, staff have been working towards making the database available to the public on the City website, with a potential public launch of the system by mid-2019.

The database significantly enhances access to the vast store of information found in minutes and reports on the City website that document the Council decision-making process over the last 19 years. Once launched, the Council Decisions Database will provide an enhanced level of service to the public and will support transparency of government and improve access to information. This enhanced level of service will support and make all of the options outlined below more robust.

Option 1 – Enhanced status quo

Voting information is a required element and is already included in official municipal minutes. Every recorded motion indicates whether it is carried or defeated and includes the names of individual Council members who may have voted in opposition. Minutes of Council and Committee meetings have been readily available online and in the public domain since January 2000 and provide a comprehensive voting record for all motions and resolutions.

While it may currently be challenging to search for a specific item out of 19 years of minutes and reports, the soon to be launched Council Decisions Database (available mid-2019) will significantly enhance the public's ability to research Council decisions, reports to Council and voting information as recorded in minutes.

There is no additional financial impact to implementing Option 1.

Option 2 - Voting Record created as a static document

A separate voting record could be produced after each meeting in the form of a simple wordprocessed, excel or pdf document, similar to the Prince George voting record. As a static standalone document, there would be little to no ability to search or filter results, and there would be no ability to dynamically display the information. Over time, static stand-alone voting record documents would become very lengthy and numerous and challenging to navigate.

Staff recommend that if voting information were provided separately under this option, that it only be made available on a "go-forward" basis (starting with the beginning of the current Council term) and that the scope of the available records would cover decisions made at Council meetings and Public Hearings.

There would be no additional start-up cost to creating and publishing static stand-alone voting record documents following each meeting. There would be some ongoing staffing impact since the creation of the voting record documents would require some effort on the part of staff following each meeting, however, it is anticipated that this task could be reasonably incorporated into current workloads. Implementation could proceed forthwith.

Option 3 - Voting Record built as an add-on to an existing City database

It would also be feasible to create a separate voting record or voting summary by building new functionality into the Council Decisions Database. The vendor of the Council Decisions Database software has indicated that this functionality could be reasonably added to the current system and would work in conjunction with the existing body of work in the database, thus avoiding duplication of effort if a separate stand-alone record were to be implemented. A voting record provided in this manner would function similarly to that seen in the Vancouver model and would provide various search, filtering and display features. Links to the minutes and reports would also be possible.

Staff recommend that if voting information were provided separately under this option, that it only be made available on a "go-forward" basis (starting with the beginning of the current Council term) and that the scope of the available records would cover decisions made at Council meetings and Public Hearings.

A voting record provided as an add-on to Richmond's existing Council Decisions Database would have an estimated start-up cost under \$10,000. There would be some ongoing staffing impact since entering the voting data into the database following each meeting would require some effort on the part of staff, however, it is anticipated that this task could be reasonably incorporated into current workloads. Implementation would occur by mid-2019 with the launch of the Council Decisions Database.

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Option 4 - Voting Record built on live voting data

Several of the municipalities that provide a separate voting record, including Vancouver, Toronto and Halifax, capture the voting data using a live voting feature that is built into their respective meeting room control systems. To illustrate, during a meeting when the question is called on a motion, Council members are asked to press voting buttons on a control panel, the results of which are displayed on a screen and are automatically captured into a database system. This data is later used as the source to display an online voting record. Online voting records created using this type of system typically include search and filter capabilities and flexible online reporting.

The City of Richmond does not have a voting component as part of the current Council Chambers audio/visual meeting control system, although the original system was capable of displaying voting information on the Council Chamber screens. In order to display and capture live voting data in the same manner as Vancouver, Toronto and Halifax, and then to provide an online voting record, software modifications would be required to the current Council Chambers system at a one-time estimated cost of \$44,000.

This option would require a significant change to the existing meeting procedures in that voting would no longer be conducted by a show of hands, but instead, voting would be conducted using technology to tabulate, display and record voting results.

Although staff recommend that voting records be provided only for Council decisions made at Council meetings and Public Hearings on a "go-forward" basis, if Council directed that the same functionality also be provided for Committee meetings, then the Anderson Room would have to be equipped with the appropriate hardware and software (similar to the Council Chambers system) at a further estimated cost of \$32,000 or, alternately, the Committee meetings would have to be held in the Council Chambers.

If Council's preference were Option 4, the next steps would be to better define the scope of work for the necessary system upgrades, including any potential OBI (ongoing budget impact) and to submit a capital request as part of the 2020 budget cycle.

	Option 1	Option 2	Option 3	Option 4
	(Enhanced status quo)	(Voting Record created as a static document)	(Voting Record as add- on to City database)	(Voting Record built on live voting data)
Minutes and Reports Available Online (minutes include voting information)(already existing)	\checkmark	\checkmark	\checkmark	\checkmark
Enhanced search capability using new Council Decisions Database (starting mid-2019)	\checkmark	\checkmark	\checkmark	~
Separate Voting Record in addition to official minutes		\checkmark	\checkmark	✓
Ability to search and filter voting data			\checkmark	✓
Additional cost – one-time (with possible OBI for Option 4)			✓ (Under \$10,000)	✓ (\$44,000 - \$76,000)
Changes to meeting procedures required	C	NCI 126		\checkmark

Table 1: Summary of Options and Features

Financial Analysis

There is no direct financial impact for Option 1 or Option 2.

The financial impact of implementing Option 3 would be under \$10,000 and could be funded from Council Contingency.

The financial impact of Option 4, which would require significant software and hardware upgrades in the Council Chambers (and potentially in the Anderson Room) would be estimated to cost from \$44,000 to \$76,000. If Option 4 is the preferred option, a capital project request, including any potential OBI (operating budget impact), would be submitted for consideration as part of the next budget process. However, if Council wished to proceed with Option 4 prior to the next budget process, staff could suggest alternate funding sources such as Council Contingency.

Financial Impact

None.

Conclusion

There are a number of options available should Council decide to implement a separate Council member voting record. Option 1 (Enhanced Status Quo) will leverage the mid-2019 launch of the Richmond Council Decisions Database. This Database will offer a new and robust search tool that will assist the public in navigating through the official minutes and reports considered by Council over the last 19 years. The database supports transparency of the Council decision-making process and provides enhanced access to information found in the minutes. The official minutes provide a complete record and full wording of every resolution along with the voting information for each motion as required by law.

The Council Decisions Database will also support and provide an enhanced level of service in conjunction with all of the options outlined in this report. Options 2, 3 and 4 outline levels of service whereby a further additional voting record is made available that summarizes how individual Council members vote on resolutions. The difference between Options 2, 3 and 4 is the cost, the flexibility and strength of the search and display features, and the way in which the voting data is captured.

In Option 2 (the static document model), the voting data is taken from the minutes, the cost is negligible, but the search and display features are limited. In Option 3 (building a voting record by adding new functionality to the Council Decisions Database), the voting data is also taken from the minutes, the start-up cost is under \$10,000, and the search and display features would be flexible and similar to Vancouver's online voting record. In Option 4, the voting data would be captured live using a new push-button voting display system, the cost of which is estimated at \$44,000 to upgrade the Council Chambers or \$76,000 to upgrade the Chambers and the

Anderson Room meeting control systems. Option 4 would also have flexible search and display features and would have the ability to provide an online voting record with similar features to Vancouver's and similar to that described in Option 3.

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- Att. 1: Online Voting Record Scan of 80 Local Government Websites
 - 2: City of Vancouver Council Voting Record
 - 3: City of Prince George Council Voting Summary
 - 4: City of Brampton Recorded Vote Summary
 - 5: City of Halifax Council Voting Report
 - 6: City of Toronto Council Voting Record Data Set
 - 7: City of Richmond Council Decisions Database

Online Voting Record – Scan of 80 Local Government Websites

BC and Lower Mainland Local Governments Larger Canadian and Other Select Local Governments

A scan of other local government websites was undertaken to determine:

- Which local governments publish agendas online
- Which local governments publish minutes online
- Which local governments publish an additional voting record online

Findings:

- All local governments surveyed publish minutes and/or agendas online.
- **5 out of 80** local governments surveyed publish an additional voting record online.

BC and Lower Mainland Local Governments	Publish Agendas?	Publish Minutes?	Publish additional or separate Voting Records?
1. Abbotsford	Yes	Yes	No
2. Anmore	Yes	Yes	No
3. Belcarra	Yes	Yes	No
4. Bowen Island	Yes	Yes	No
5. <u>Burnaby</u>	Yes	Yes	No
6. <u>Chilliwack</u>	Yes	Yes	No
7. <u>Coquitlam</u>	Yes	Yes	No
8. <u>Delta</u>	Yes	Yes	No
9. Harrison Hot Springs	Yes	Yes	No
10. <u>Hope</u>	Yes	Yes	No
11. <u>Kamloops</u>	Yes	<u>Yes</u>	No
12. <u>Kelowna</u>	Yes	Yes	No
13. <u>Kent</u>	Yes	Yes	No
14. Langley (City)	Yes	Yes	No
15. Langley (Township)	Yes	Yes	No
16. Lions Bay	Yes	Yes	No
17. <u>Maple Ridge</u>	Yes	Yes	No
18. Metro Vancouver	Yes	Yes	No
19. Mission	Yes	Yes	No
20. <u>Nanaimo</u>	Yes	Yes	No
21. Nanaimo Reg. District	Yes	Yes	No
22. New Westminster	Yes	Yes	No
23. North Vancouver (City)	Yes	Yes	No
24. North Vancouver (Dist)	Yes	Yes	No
25. Pemberton	Yes	Yes	No

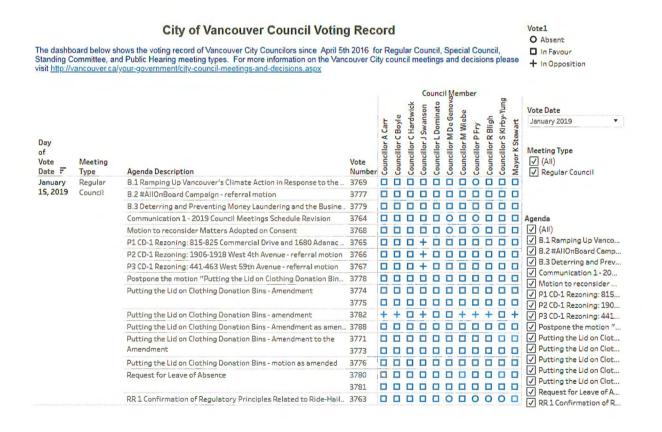
BC and Lower Mainland Local Governments	Publish Agendas?	Publish Minutes?	Publish additional or separate Voting Records?
26. Pitt Meadows	Yes	Yes	No
27. Port Coquitlam	Yes	Yes	No
28. Port Moody	Yes	Yes	No
29. Prince George	Yes	Yes	Yes
30. <u>Quesnel</u>	Yes	Yes	No
31. <u>Richmond</u>	Yes	Yes	No
32. <u>Squamish</u>	Yes	Yes	No
33. <u>Surrey</u>	Yes	Yes	No
34. <u>Vancouver</u>	Yes	Yes	Yes
35. <u>Vernon</u>	Yes	Yes	No
36. <u>Victoria</u>	Yes	Yes	No
37. West Kelowna	Yes	<u>Yes</u>	No
38. West Vancouver	Yes	Yes	No
39. Whistler	Yes	Yes	No
40. White Rock	Yes	Yes	No

Larger Canadian / Other Select Local Governments	Publish Agendas?	Publish Minutes?	Publish additional or separate Voting Records?
41. <u>Barrie</u> , Ontario	Yes	Yes	No
42. Brampton, Ontario	Yes	Yes	Yes
43. Burlington, Ontario	Yes	Yes	No
44. <u>Calgary</u> , Alberta	Yes	Yes	No
45. <u>Cambridge</u> , Ontario	Yes	Yes	No
46. <u>Charlottetown</u> , PEI	Yes	Yes	No
47. Edmonton, Alberta	Yes	Yes	No
48. <u>Gatineau</u> , Quebec	Yes	Yes	No
49. Greater Sudbury, Ontario	Yes	Yes	No
50. <u>Guelph</u> , Ontario	Yes	Yes	No
51. <u>Halifax</u> , Nova Scotia	Yes	Yes	Yes
52. <u>Hamilton</u> , Ontario	Yes	Yes	No
53. Kitchener, Ontario	Yes	Yes	No
54. Levis, Quebec	Yes	Yes	No
55. London, Ontario	Yes	Yes	No
56. <u>Longueuil</u> , Quebec	Yes	Yes	No
57. Markham, Ontario	Yes	Yes	No
58. <u>Mississauga</u> , Ontario	Yes	Yes	No
59. Montreal, Quebec	Yes	Yes	No

Larger Canadian / Other Select Local Governments (cont.)	Publish Agendas?	Publish Minutes?	Publish additional or separate Voting Records?
60. <u>Oakville</u> , Ontario	Yes	Yes	No
61. <u>Oshawa</u> , Ontario	Yes	Yes	No
62. <u>Ottawa</u> , Ontario	Yes	Yes	No
63. Pointe Claire, Quebec	Yes	Yes	No
64. Portland, Oregon	Yes	Yes	No
65. Quebec City, Quebec	Yes	<u>Yes</u>	No
66. <u>Regina</u> , Saskatchewan	Yes	Yes	No
67. Saint John, New Brunswick	Yes	Yes	No
68. Saskatoon, Saskatchewan	Yes	Yes	No
69. Seattle, Washington	Yes	Yes	No
70. <u>Sherbrooke</u> Quebec	Yes	Yes	No
71. St. Catharines, Ontario	Yes	Yes	No
72. St. John's, Newfoundland	Yes	Yes	No
73. <u>Toronto</u> , Ontario	<u>Yes</u>	Yes	Yes
74. Trois-Rivières, Quebec	Yes	Yes	No
75. <u>Vaughan</u> , Ontario	Yes	Yes	No
76. <u>Whitby</u> , Ontario	Yes	Yes	No
77. <u>Whitehorse</u> , Yukon	Yes	Yes	No
78. Windsor, Ontario	Yes	Yes	No
79. <u>Winnipeg</u> , Manitoba	Yes	Yes	No
80. <u>Yellowknife</u> , NWT	Yes	Yes	No

City of Vancouver Council Voting Record

- The City of Vancouver began publishing a searchable online voting record in 2016 as part of a broader City-wide open data initiative.
- The voting data is captured and recorded live at the time of voting when Council members press voting buttons that are linked to the Council Chambers a/v meeting control system.
- Council member votes are captured and made available for Regular and Special Council meetings, Standing Committee meetings, and Public Hearings, which are all held in the Council Chambers where the hardware / software for data capture is located.
- The Vancouver Council Voting Record system allows users to download voting data, to filter and display voting data by month, meeting type, agenda items and by Council member.
- Agendas and minutes are available in a separate area on the City of Vancouver's website and are not directly linked to the Voting Record items.



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Website: https://vancouver.ca/your-government/council-voting-dashboard.aspx

City of Prince George Council Voting Summary

- The City of Prince George produces a Voting Summary document following each Council meeting which is published on its website alongside the meeting minutes.
- The summary provides a listing of agenda items and report titles along with the voting data which is taken from the minutes.
- The summary is a stand-alone document and published as a pdf document.
- The individual Voting Record summaries are not linked to one another, they have no search or filtering capabilities and are not directly linked to the meeting minutes.

genda Item	Description	Mayor Hall	Councillor Everitt	Councillor Frizzell	Councillor Koehler	Councillor Krause	Councillor McConnachie	Councillor Merrick	Councilior Scott	Councillor Skakun	Decision	For/Against Count
A.	ADOPTION OF AGENDA	Yes	Yes	Absent	Yes	Yes	Yes	Yes	Yes	Yes	CARRIED	8-0
B.1	ADOPTION OF MINUTES Minutes of Regular Council Meeting held February 19, 2018	Yes	Yes	Absent	Yes	Yes	Yes	Yes	Yes	Yes	CARRIED	8-0
C.	DELEGATIONS											
C.1	Volunteer Prince George								_			
C.2	Prince George BMX Supertrak	Yes	Yes	Absent	Yes	Yes	Yes	Yes	Yes	Yes	CARRIED	8-0
D.	CONSENT AGENDA											
D.1	Report: Dave Dyer, General Manager of Engineering and Public Works: BMX Track Lighting at Carrie Jane Gray Park	Yes	Yes	Absent	Yes	Yes	Yes	Yes	Yes	Yes	CARRIED	<mark>8 - 0</mark>
E.	INFORMAL HEARINGS											
E.1	Report: Ian Wells, General Manager of Planning and Development: <u>Development Variance Permit Application</u> <u>No. VP100491</u> 5202 Chief Lake Road (To Approve)	Yes	Yes	Absent	Yes	Yes	Yes	No	Yes	Yes	CARRIED	7-1
E.2	Report: Ian Wells, General Manager of Planning and Development: <u>Development Variance Permit Application</u> <u>No. VP100490</u> 3620 Fisher Road (To Approve)	Yes	Yes	Absent	Yes	Yes	Absent	Yes	Yes	Yes	CARRIED	7-0
F.	FORMAL PUBLIC HEARING											

Sample page from March 5, 2018 City of Prince George Council meeting <u>https://www.princegeorge.ca/City%20Hall/Minutes/2018/March/2018-03-05_Voting_Summary_2018.pdf</u>

City of Brampton

Council Recorded Votes Summary

- The City of Brampton publishes a voting record summary of "recorded votes" only.
- Recorded votes are those that, by request of a Council member, are recorded indicating those in favour and those opposed to a motion. Unless a recorded vote is otherwise requested, the minutes would only indicate whether a motion is carried or lost.
- The summary is provided on the website in a pdf format and in a large tabular form online (shown below) which allows for filtering and sorting of results.
- Links to meeting minutes are also provided.

2014-2018 Term of Council Recorded Votes

Last Updated for the Council Meeting held on September 12, 2018.

This page lists recorded votes for City Council and its Standing Committees for the 2014-2018 term. For the official meeting record or questi

This glossary of terms is listed for convenience to help users understand the terminology that has been used in the list of recorded votes.

Council / Committee	Meeting Date	Agenda Item #	Agenda Item Subject	
City Council	2014/12/10	N.1	Mayor's compensation	
City Council - Special	2014/12/17	D.2	Interim Auditor General	Cont
City Council - Special	2014/12/17	D.2	Interim Auditor General	
City Council - Special	2014/12/17	D.2	Interim Auditor General	
Corporate Services Committee	2015/01/21	H.9	Lobbyist Registry under Sec.223.9	
Corporate Services Committee	2015/01/21	H.10	Gift Registry	
Community and Public Services Committee	2015/02/04	E.2	Staff Recommended Disapproval of Proposed Fence	Encroachment
Corporate Services Committee	2015/02/04	E.1	Prayer at Council Meetings	
Corporate Services Committee	2015/02/04	E.1	Prayer at Council Meetings	
City Council	2015/02/11	F.3	Lord's Prayer	
City Council - Special	2015/04/08	E.1	2015 Operating and Capital Budget	

	Reso	olution #	Minute Link	Motion Type	Recorded Vote	Result	Vote Type	Motion Description
	0347	2014	Minute	Adopt item	11-0-0	Carried	Majority	Establish remuneration for Mayor
Cont.	\rightarrow	2014	Minute	Adopt item	11-0-0	Carried	Majority	Clause 20 - Appointment of Jim McCarte Cont.
	t. → C326 CS01 CS01 CPS0 CS02 CS02 CS02 C028	2014	Minute	Adopt Item	11-0-0	Carried	Majority	Clause 21 - Budget for Auditor General
	C326	5-2014	Minute	Adopt Item	11-0-0	Carried	Majority	Clause 22 - Terms of reference for Auditor General
	CS01	1-2015	Minute	Adopt item	11-0-0	Carried	Majority	Develop a framework/mechanism to administer Lo
	CS01	2-2015	Minute	Adopt item	11-0-0	Carried	Majority	Develop Gift Registry
	CPSO	13-2015	Minute	Adopt item	4-6-0	Lost	Majority	Instalment of a fence on City-owned land
	CS02	1-2015	Minute	Adopt item	2-9-0	Lost	Majority	Reinstate Lord's Prayer at council meeting on interi
	CS02	2-2015	Minute	Adopt item	9-2-0	Carried	Majority	Call Special Council Meeting to consider prayer at C
	C028	3-2015	Minute	Adopt item	10-0-1	Carried	Majority	Moment of reflection be observed at meetings
	C111	-2015	Minute	Amend item	10-1-0	Carried	Majority	2015 budget be reduced by \$1 million - staffing, wa

	Bowman	Dhillon	Fortini	Gibson	Jeffrey	Medeiros	Miles	Moore	Palleschi	Sprovieri	Whillans
	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Cont. →	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	No	Yes	No	No	N/A	No	No	Yes	No	Yes	Yes
	No	No	No	No	No	No	No	No	Yes	Yes	No
	Yes	No	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes
	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Absent	Yes
	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

City of Halifax Council Voting Report

- Halifax publishes a vote summary for its Council meetings the data for which is captured using a meeting room control system similar to Vancouver's. However, the summary that is produced (sample shown below) is a static document and has no search or filter capabilities.
- The Voting Report summary is published online as a background document along with the meeting video and meeting minutes.

Voting Report 14.6.1 Case 20594 - Amendments to the Municipal Planning Strategy and Land Use By-law for lands at Opportunity Site B, Fall River

Meeting:	Regional Council Ja	anuary 29, 2019			
Agenda name:	14.6.1 Case 20594	- Amendments to the Mun r lands at Opportunity Site		rategy and	
Vote name: Vote subject:		- Amendments to the Mun r lands at Opportunity Site		rategy and	
Vote start:	29/01/2019 15:23:1	1		• •	
Vote stop:	29/01/2019 15:23:5	5			
Total Voting Result	S		•		
Participants:					
	Present	17			
Votes:					
	Yes	15		. 1	
	No	2/ /			

District 1 District 2 District 3
District 3
District 4
District 5
District 7
District 8
District 10
District 11
District 12
District 13
District 14
District 15
District 16
Mayor
and the second
District 9

Individual Voting Results

City of Toronto Council Voting Record Data Set

- The City of Toronto provides web-based access to their Council member voting records dating back to 2010.
- Accessible through Toronto's open data system, the voting record includes the ability to search by Council term and Council member name. Further filtering by Committee or date range is also possible from the main search screen. Once a result is presented, the system allows the user to sort various information columns.
- Users may also download into Microsoft Excel the voting records for the entire cumulative 2018-2022 term.
- The Voting Record data is a component of a broader more comprehensive legislative services information management system that was developed in-house.
- Links to further information in agendas and minutes are provided

1 Toron	T Ser Pa	rvices & yments	Community & People	Business & Economy	Explore & Enjoy	City Government	HEL
			mmittees				
Meeti	ngs, Ag	endas	and Mir	nutes			
Home Me	eting Schedul	e Comm	ittees Searc	n Items	Select Report M	ember Voting Record V	Go
Voting Record	Reporting for Mem	bers of Toronto	City Council				
separated value	es (.csv) files. Record I in published minutes	led votes have be		an individual Member of Cou e 1999, as part of the meetin			
 there can an Since 2010, records prior 	d will be a delay of se recorded votes have 2010 that are the res	everal days after a been made availa sult of on-going da	a meeting before this cu able in this downloadabl ata-conversion work for	for a meeting have been pustomized data becomes avail e format (not just in the public last-term meetings. he Council Procedures by-law	lable. shed minutes). You may	also find downloadable	
 vote results 	s of motions that are for motions can eithe	made by member r be "Carried" or "	'Lost" depending on the	en requested, votes are reco majority or two-thirds require at under the Municipal Confli	rded as "Yes", "No" or "A ements for a motion. "Ab	bsent".	
These datasets	are part of our ongoi	ing commitment to	o proactive disclosure a	d the open data project at w	ww.toronto.ca/open.		
Term:	2018-2022 ▼	Member	Paul Ainslie	Download all	available vote records fo	r the 2018-2022 term	
Committee:	All			· · · · · · · · · · · · · · · · · · ·			
Date Range:	From:	🛒 Clear	To:				
				📻 <u>Clear</u>			

Sample Toronto Voting Record

Te	erm: 2018-2022 ttee: All	Member:	Paul Ainslie	id all available vote re			
	ige: From:	-MM-DD	To:	 Show Vote Report)		
<u>Guide to th</u> Committee▲	<u>e Data</u> 🔒 [Date/Time	Download as CSV	Agenda Item Title	Motion Type	Vote 🔺	Result	Vote
City Council	2018-12-13 06:37 PM	2019.CC1.4	Provincially-Licensed Cannabis Retail Stores in Toronto	Amend Item (Additional)	No	Lost 10-14	Description Majority Required - CC1.4 - Cressy- motion 3
City Council	2018-12-13 06:38 PM	2019.CC1.4	Provincially-Licensed Cannabis Retail Stores in Toronto	Amend Item (Additional)	No	Lost (tie) 12-12	Majority Required - CC1.4 - Lai - motion 4
City Council	2018-12-13 06:39 PM	2019.CC1.4	Provincially-Licensed Cannabis Retail Stores in Toronto	Amend Item (Additional)	No	Carried 22-2	Majority Required - CC1.4 - Colle - motion 5a
City Council	2018-12-13 06:41 PM	2019.CC1.4	Provincially-Licensed Cannabis Retail Stores in Toronto	Amend Item (Additional)	No	Lost 11-13	Majority Required - CC1.4 - Matiow - motion 6
City Council	2018-12-13 06:41 PM	2019.CC1.4	Provincially-Licensed Cannabis Retail Stores in Toronto	Amend Item (Additional)	Yes	Carried 23-1	Majority Required - CC1.4 - Fletcher - motion 7
City Council	2018-12-13 06:42 PM	2019.CC1.4	Provincially-Licensed Cannabis Retail Stores in Toronto	Adopt Item as Amended	Yes	Carried 20-4	Majority Required - CC1.4 - Adopt the item as amended
City Council	2018-12-13 07:09 PM	2019.CC1.25	5, 7 and 9 Dale Avenue - Official Plan and Zoning By-law Amendment Applications and Demolition of Three Haritage Properties in	Adopt Item	Yes	Carried 18-4	Majority Required -

City of Richmond

Council Decisions Database

- The Council Decisions Database was developed as an internal research tool. Staff have been working over the last year to make the database available to the public on the City of Richmond website. It is anticipated that the database will be ready to launch by mid-2019.
- With close to 12,000 entries in the database covering 19 years of Council minutes and reports the database provides enhanced search capabilities and enables browsing by multiple fields.
- Database users have the ability to save, email, or print out search results for future reference and use.
- The database searches the full text of the minutes and returns results showing resolutions, discussion and Council member voting information.
- Links are provided directly to minutes and reports.

Richmor City of Richmor)d and, British Columbia, Canada	
Discover Richmond	Parks, Trails & Cycling Recreation & Community Centres Sport & Event Hosting Arts	s, Culture & Heritage
City Hall City Services	Planning, Building & Development Sustainability & Environment Business & Local Economy	Public Safety Careers
Section Menu not found	CITY COUNCIL Search Council Decisions Database Any word or phrase: Dates: Browse Dates	
	Within the last year Within the last 5 years Search Clear Form Advanced Search View Most Recent Minutes View Selections (0 items) Disclaim Print	er T Back to top

Council Decisions Database Search Screen:

Search Results

Search results initially present an abbreviated list with the option to select "More Details" "View Minutes" and/or "View Report".

Selecting "More Details"

Selecting "<u>More Details</u>" will provide the complete entry from the official minutes including discussion, the text of the resolution, the result of the vote and the names of those opposed (if any):

	November 13, 2018 – Council Minutes Topic: 2018 GENERAL LOCAL AND SCHOOL ELECTION RESULT More Info: More Details Mew Minutes
CITY COUNCIL	View Report
Council Doois	sions Search Results
Council Decis	ions dealch results
Record 1 of 11 View Se	elections (0 items)
	lext Last Revise Search New Search Back to search results
November 13, 2018	- Council Minutes
Agenda Item Number:	17
Item Topic:	2018 GENERAL LOCAL AND SCHOOL ELECTION RESULTS
Resolution Number:	R18/19-14
Full Text:	n/a
Resolution:	It was moved and seconded
	That the Declaration of Official Results for the 2018 General Local and School Election, attached to the staff report dated November 1, 2018 from the Chief Election Officer, be received for information by Richmond City Council in accordance with the requirement of Section 158 of the Local Government Act.
Outcome:	CARRIED
Related Items by Name:	RICHMOND SCHOOL DISTRICT BOARD
Related Items by Subject	ELECTIONS - LOCAL SCHOOL DISTRICTS COUNCIL
	View Minutes
	View Report
	Add to list

Selecting "View Minutes"

Selecting "View Minutes" links the user to the minutes web page relevant to that item.

1.	November 13, 201	8 - Council Minutes	2010 ACENDAS	a Additioned	
	Topic:	2018 GENERAL LOCAL AND SCHOOL ELECTION RESULTS	Noven	nber 13, 2018 - Minutes	
	More Info:	More Details View Minutes Minutes Minutes			Printer-Friendly Minutes
		Add to list		City of Richmond 6911 No. 3 Road Richmond, BC V6Y 2C1	Minutes
				Regular Council	
				Tuesday, November 13, 2018	
			Place:	Council Chambers Richmond City Hall	
		,	Prisent:	Mayor Malcolm D. Brodie Councillor Chak Au Councillor Carol Day Councillor Kelly Greene Councillor Alexa Loo Councillor Bill McNuty Councillor Inda McPhail Councillor Harold Steves Councillor Mchael Wolfe	
				Corporate Officer - David Weber	

Selecting "View Report"

Selecting "<u>View Report</u>" links the user directly to the PDF of the report(s) to Council which may then be downloaded as a pdf or printed.

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pic: pre Info:	18 Council Minutes 2018 GENERAL LOCAL AND SCHOOL EILECTION R ESULT:S More Details Mew Minutes PRView Report		City of Richmond	Report to Council
	Add to list	To:	Richmond City Council	Date: November 1, 2018
		From:	David Weber Director, City Clerk's Office Chief Election Officer	File: 12-8125-80-01/Vol 01
		Re:	2018 General Local and School Election	Results
		Staff Reco	ommendation	
		for inform the <i>Local</i> of David Wel Director, C	'ity Clerk's Office tion Officer	ine close Election Utilicer, ne received with the requirement of Section 158 of
				REPORT CONCURRENCE
			CONCURRE	NCE OF GENERAL MANAGER
				BY STAFF REPORT /
			APPROVED	Stop va

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