

### SUSTAINABLE CITY ADVISORY COMMITTEE

NOTICE OF OPEN MEETING

- DATE: TUESDAY, 2018 JUNE 12
- TIME: 6:00 P.M.
- PLACE: Council Chamber, Burnaby City Hall

#### AGENDA

1.	<u>CAL</u>	<u>L TO ORDER</u>	<u>PAGE</u>		
2.	MINUTES				
	a)	Minutes of the Open meeting of the Sustainable City Advisory Committee held on 2018 April 25	1		
3.	PRE	ESENTATION			
	a)	Community Development and Ecosystem Protection Speaker: Mark Sloat, Environmental Planner			
4.	COF	RRESPONDENCE			
	a)	Correspondence from The Association for the Protection of Fur-Bearing Animals Re: Trapping in the City of Burnaby	10		
	b)	Correspondence from the Canadian Garden Council Re: Garden Days	11		
5.	REF	REPORTS			
	a)	Report from the Director Planning and Building Re: World Rivers Day 2018	13		
	b)	Report from the Director Engineering Re: 2017 Annual Drinking Water Quality Monitoring Report ( <i>Attachment provided under separate cover</i> )	17		

#### 6. <u>NEW BUSINESS</u>

- 7. INQUIRIES
- 8. <u>ADJOURNMENT</u>



#### SUSTAINABLE CITY ADVISORY COMMITTEE

#### MINUTES

An Open meeting of the Sustainable City Advisory Committee was held in the Council Chamber, City Hall, 4949 Canada Way, Burnaby, B.C. on Wednesday, **2018 April 25** at 6:00 p.m.

#### 1. CALL TO ORDER

- PRESENT: Councillor Sav Dhaliwal, Chair Councillor Pietro Calendino, Member Councillor James Wang, Member Trustee Baljinder Narang, Burnaby School Board Ms. Tessa Vanderkop, Burnaby Board of Trade Mr. Bill Brassington Jr., Citizens' Representative Mr. Peter Cech, Citizens' Representative Mr. Frank Huang, Citizens' Representative Ms. Mary Lumby, Citizens' Representative Mr. Frank Zhao, Citizens' Representative
- ABSENT: Councillor Nick Volkow, Member (due to illness) Ms. Lubna Abdelrahman, Citizens' Representative Mr. William Tsai, Citizens' Representative

#### STAFF: Mr. Dipak Dattani, Director Corporate Services Ms. Lee-Ann Garnett, Assistant Director Long Range Planning Ms. Lauren Cichon, Administrative Officer

The Chair called the Open meeting to order at 6:03 p.m.

#### 2. <u>MINUTES</u>

## a) Minutes of the Sustainable City Advisory Committee held on 2018 February 06

#### MOVED BY COUNCILLOR CALENDINO SECONDED BY MR. ZHAO

THAT the minutes of the Sustainable City Advisory Committee held on 2018 February 06 be adopted.

CARRIED UNANIMOUSLY

#### 3. **PRESENTATIONS**

#### MOVED BY TRUSTEE NARANG SECONDED BY COUNCILLOR CALENDINO

THAT the presentations be heard.

#### CARRIED UNANIMOUSLY

#### a) 2017 Annual Solid Waste and Recycling Report - A Year in Review <u>Speaker</u>: James Lota, Assistant Director Engineering

<u>Mr. James Lota</u>, Assistant Director Engineering, provided an update on the 2017 Annual Solid Waste and Recycling Report.

Mr. Lota provided the key highlights which included:

- implementation of every other week garbage collection;
- undertaking a pilot project for AVL/Telematics;
- initiating a pilot project for bear-resistant green bins;
- pre-planning for enhanced public street scape receptacles;
- implementation of an enhanced snow management program;
- participation in the National Solid Waste Benchmarking Initiative;
- completion of waste audit for single and two-family curbside collection and multi-family complexes; and,
- implementation of disaster debris waste management guidelines.

The speaker noted that the City provides full in-house collection of multi-sector based services to single and two-family homes, multi-family units, commercial, institutional and civic facilities, and public spaces.

It was noted the City provides the following services:

- bulky item collection program (for large appliances);
- mattress collection program;
- litter and public space collection program;
- abandoned materials service (construction materials that get abandoned);
- internal city program "I Recycle @ Work" to encourage recycling;
- outreach and education programs; and,
- central eco-centre.

Mr. Lota advised that in July 2016, the City initiated a year-long bear-resistant green bin pilot project. The pilot project included five multi-family complexes (a total of 455 units, serviced by the City that is within beer areas such as Forest

2.a)

Grove, Cariboo and Simon Fraser Village). The pilot project will assist the City in identifying effectiveness, ease of use and durability of receptacles and any potential challenges in servicing containers and any required administrative or bylaw amendments. The City provided each complex with three styles of bear-resistant green bins to test. Staff undertook a survey this year to participating residents and City staff, and presented the findings to the Committee and Council.

In addition, the City undertook a single and two-family residential curbside waste composition study of 100 households and six multi-family residential complexes serviced by the City for garbage, recycling and green waste. The study was conducted in July 2017 over a two week period. The study was to determine:

- composition of household waste, recycling and green waste for both single and two-family households, and for residential multi-family complexes;
- diversion rate for single and two-family and multi-family residential properties; and,
- contamination rates within each of the tree material streams.

Mr. Lota provided an update on the free Waste Collection App (App), which provides residents with:

- collection day reminders for residential curbside collection schedules;
- drop off depot information through the "What goes where?" searchable database; and,
- "Report a Problem" feature to notify the City about missed collection, graffiti, litter etc.

In 2017, the number of residents actively using the App was 56,610 (a 227% increase from 2016) with a total of 1,139,725 resident interactions (an 89% increase over 2016).

The Committee inquired promoting the City's free Waste Collection App and where to find the App (Android and/or Apple).

Staff undertook to explore options to promote the App and provide materials to residents how to find the App. Further information about the App is on the City's website and on the 2018 Curbside Calendar.

The Chair inquired regarding the review of service delivery fees.

\*Mr. Zhao left the meeting at 6:29 p.m.\* \*Mr. Zhao returned to the meeting at 6:32 p.m.\*

Staff undertook to investigate.

<u>Ms. Deirdre Bostock</u>, Senior Long Range Planner, provided an update on the Burnaby Transportation Plan.

Ms. Bostock provided the key highlights which included:

- Burnaby Transportation Update;
- Phase 1 Public Consultation Program: Results and Outcomes;
- Phase 2 Building the Plan; and,
- Recommendations and Next Steps.

The speaker advised the Burnaby Transportation Plan aligns with the City's Corporate Strategic Plan along with the Official Community Plan and the three sustainability strategies. It was noted the City has completed Phase 1, and have begun Phase 2. The scope for Phase 2 is focused on the detailed policies, networks and actions.

Phase 2 will include the following activities:

- background research (which will take most of 2018);
- policy development (ongoing through 2018 and 2019);
- public consultation (undertaken in two parts in 2019); and,
- reporting activities (ongoing through the process).

In conclusion, Ms. Bostock provided an overview of the next steps the City has taken:

- undertake technical research and analysis;
- undertake policy and plan development;
- create policy, network, and action proposals;
- define the public consultation program for Phase 2 Part A; and,
- apply the approved Vision, Themes and Goals to the City's ongoing transportation work, as the plan development work is undertaken in Phase 2.

Staff reminded Committee members about participating in the Walk30 Burnaby|New West walking challenge. The wrap up celebration will take place on Saturday, May 12 at Edmonds Community Centre.

#### 4. <u>CORRESPONDENCE</u>

#### MOVED BY TRUSTEE NARANG SECONDED BY MR. ZHAO

THAT the correspondence be received.

**2.**a)

#### a) Memorandum from the Administrative Officer Re: Burnaby Transportation Plan Update: Outcomes from the Phase 1 Public Consultation and Phase 2 Scope

A memorandum was received from the Administrative Officer advising that Council, at the Open Council meeting held on 2018 March 12, received and adopted the above noted report providing information on Phase 1 (Public Consultation Program) and received Council's approval for the Plan's vision, themes and goals. The report also outlines Phase 2 (Building the Plan) which details the Plan's scope, activities and timeline.

#### b) Memorandum from the City Clerk <u>Re: Drinking Water Conservation Plan</u>

A memorandum was received from the City Clerk advising that Council, at the Open Council meeting held on 2018 February 26, received and adopted the above noted report informing about the amendments approved by Metro Vancouver to the Drinking Water Conservation Plan.

#### c) Memorandum from the City Clerk <u>Re: 2018 Environment Week Program</u>

A memorandum was received from the City Clerk advising that Council, at the Open Council meeting held on 2018 April 16, received and adopted the above noted report advising of the proposed program for 2018 Environment Week.

#### d) Memorandum from the City Clerk <u>Re: Local Government Awareness Week 2018</u>

A memorandum was received from the City Clerk advising that Council, at the Open Council meeting held on 2018 April 16, received and adopted the above noted report noting activities for Burnaby's participation in Local Government Awareness Week 2018.

#### e) Correspondence from Environment and Climate Change Canada <u>Re: Schedule 1 Amendments of the Species at Risk Act</u>

Correspondence was received from the Conservation Planning Unit, Canadian Wildlife Service – Pacific Region, Environment and Climate Change Canada, regarding the proposed changes to Schedule 1 of the *Species at Risk Act* for seven terrestrial species. The public has the opportunity to provide comments on the proposed changes that ends on May 22, 2018 for most species found in BC.

2.a)

#### f) Correspondence from Jeffrey Hooites Meursing and Tessa Brauer Re: Child Care Fees

Correspondence was received from Mr. Jeffrey Hooites Meursing and Ms. Tessa Brauer regarding the increase in child care fees. The writers advised the wages being paid to early childcare professionals in Burnaby are below a living wage for the Lower Mainland, and these professionals are leaving to neighboring cities paying higher wages.

#### 5. <u>REPORTS</u>

MOVED BY MR. CECH SECONDED BY TRUSTEE NARANG

THAT the reports be received.

#### CARRIED UNANIMOUSLY

#### a) Report from the Director Corporate Services and Director Planning and Building <u>Re: 2017 Climate Action Revenue Incentive Program Report</u>

The Director Corporate Services and Director Planning and Building submitted a report informing of the climate actions and corporate emissions reported on in the 2017 Climate Action Revenue Incentive Program (CARIP) Report.

The Director Corporate Services and Director Planning and Building recommended:

1. THAT the Committee recommend Council to receive this report for information.

#### MOVED BY COUNCILLOR CALENDINO SECONDED BY MR. ZHAO

THAT the recommendation of the Director Corporate Services and Director Planning and Building be adopted.

#### CARRIED UNANIMOUSLY

The Committee inquired regarding options for reducing construction and demolition waste.

Staff undertook to investigate.

# B) Report from the Director Engineering Re: 2017 Annual Solid Waste and Recycling Report - A Year in Review

The Director Engineering submitted a report presenting the 2017 annual report on the City's integrated solid waste and recycling program.

The Director Engineering recommended:

1. THAT the Committee recommend Council to receive the 2017 Annual Solid Waste and Recycling Report and forward it to Council for information.

Staff provided a PowerPoint presentation summarizing the report.

MOVED BY COUNCILLOR CALENDINO SECONDED BY COUNCILLOR WANG

THAT the recommendation of the Director Engineering be adopted.

CARRIED UNANIMOUSLY

#### c) Report from the Director Planning and Building Re: EV Charging Requirements for New Residential Development

The Director Planning and Building submitted a report seeking approval for the proposed amendments for EV charging in new residential development, and outlining additional EV policy topics for further review.

The Director Planning and Building recommended:

1. THAT Council authorize staff to work with the City Solicitor to prepare the necessary text amendments to the Zoning Bylaw to implement the recommended requirements for EV charging in new residential development, as outlined in Section 4 of this report.

2. THAT Council receive for information the updates on the status of policy research into topic areas for future policy and program direction as outlined in Section 3 of this report.

#### MOVED BY TRUSTEE NARANG SECONDED BY MR. BARON

THAT the recommendations of the Director Planning and Building be adopted.

amended

#### MOVED BY TRUSTEE NARANG SECONDED BY MR. BARON

THAT the recommendations be **AMENDED** to send a copy of the report to the Heights Merchants Association.

#### CARRIED UNANIMOUSLY

#### MOVED BY MR. CECH SECONDED BY TRUSTEE NARANG

THAT the recommendations, AS AMENDED, be adopted.

#### CARRIED UNANIMOUSLY

The Committee inquired when the policy requirements are proposed to be implemented.

Staff advised the zoning bylaw amendments will be brought to Council in late May or early June for First Reading and Public Hearing at the end of June. The effective date will be set at that time, likely for September or October 2018. At that point, all new developments will be obligated to comply with the requirements.

The Committee inquired when a report will be brought forward regarding Public EV Charging/City-owned facility charging.

Staff are to review the options/considerations and report back to Council in the future.

#### 6. <u>NEW BUSINESS</u>

#### Frank Zhao

Mr. Zhao advised he will be resigning from the Committee as a result of a job opportunity in Asia.

Councillor Dhaliwal expressed appreciation for Mr. Zhao's service to the City.

#### Peter Cech

Mr. Cech inquired regarding the public access to showers and requested an update on this matter.

The Committee advised this issue has been referred to the Parks, Recreation and Culture Commission.

#### 7. INQUIRIES

There were no new inquiries brought before the Committee at this time.

#### 8. <u>ADJOURNMENT</u>

MOVED BY MR. BRASSINGTON JR. SECONDED BY MR. ZHAO

THAT this Open Committee meeting do now adjourn.

CARRIED UNANIMOUSLY

The Open meeting adjourned at 7:44 p.m.

Lauren Cichon ADMINISTRATIVE OFFICER Councillor Sav Dhaliwal CHAIR 2.a)



Section 2 Council Correspondence 2018.05.03

THE ASSOCIATION FOR THE **PROTECTION** of Fur-Bearing Animals

Suite 701, 718-333 Brooksbank Ave. North Vancouver, BC V7J 3V8 Telephone: 604-435-1850 Fax: 604-435-1840

info@thefurbearers.com thefurbearers.com

4.a)

April 25, 2018

Mayor Derek Corrigan and Council City of Burnaby 4949 Canada Way Burnaby, BC V5G 1M2 <u>mayor@burnaby.ca</u>

#### re: Trapping in Burnaby

Dear Mayor Corrigan and Council,

A raccoon whose paw was painfully crushed in a cuff-style trap in Burnaby caught the attention of all compassionate British Columbians recently.

Details of exactly why this trap was set or by whom may not be known, but the facts of how it played out are clear: a trap was set targeting raccoons in Burnaby, a raccoon was caught and suffered immensely, and even after the trap was removed and he was medicated, he chewed off his own paw. He was humanely euthanized by the dedicated volunteers at Critter Care Wildlife Society in Langley.

This cuff trap, which is considered "humane" by the trapping industry, could be the only one set. Or it could be indicative of other traps in the area, including leg-holds and Conibear-type traps that could injure or kill dogs, cats, or potentially children.

As responsible municipal managers, we ask that you consider writing a by-law setting out additional rules for the use of such traps in your community similar to what Gibsons has done. This could include signage, increased setbacks, or a prohibition. You could also join Surrey, Sechelt, White Rock, Creston, and Vernon in calling on the province to allow for greater controls to prevent tragedies in the future.

The Fur-Bearers, a British Columbia-based non-profit founded in 1953, would be pleased to assist you in these efforts, as well as providing educational information for your community on how to co-exist with wildlife and how to identify humane and qualified experts to remove wildlife from their homes or properties as necessary.

We look forward to your correspondence on this matter.

Sincerely,

Lesley Fox Executive Director	Referred to: Sustainable City Advisory Committee (2018.06.12)
The Fur-Bearers	Copy to:
CC: Area media	City Manager Dir. Engineering
	Dir. Public Safety and Cc_10- hity Services

From: Garden Days [mailto:marketing@gardencouncil.ca]
Sent: April-18-18 12:01 PM
To: Clerks
Subject: Get Ready for Garden Days 2018 / Préparez-vous pour les Journées du jardin 2018

Register your activity today!

# Garden Days Journées Jardin June 16-24, 2018

# Canada's Annual Celebration of Gardens and Gardening Register your activity today!

<u>Garden Days</u> is our national celebration of the vital role that gardens and gardening play in our communities and our lives. Between June 16 and 24, inclusive, Canada will be a-buzz with Garden Days activities.

During Garden Days which includes Father's Day weekend (June 16 & 17), are you:

- holding special garden- or gardening-related events in celebration of Father's Day?
- a garden with all sorts of programming scheduled between June 16 and 24?
- BIA that's decking out main street with colourful planters and hanging baskets, and wants to host a community celebration?
- a winery that's pairing your terrific wines with food from your own gardens?
- a library hosting a talk and book signing by an author of a gardening book?
- a school that has a gardening program nurturing the next generation of gardeners?
- a garden centre holding seminars or sales for loyal customers?
- a horticulture society or garden club that has a tour or event taking place during Garden Days?
- hosting a private backyard party in celebration of Garden Days?

4.b)

Each and every one of those activities, and more, can be registered on the Garden Days website. It'll only take five minutes of your time, and best of all, **it won't cost you a thing!** 

#### Helpful hints

- 1. If you're holding more than one event or activity e.g. a series of how-to seminars at a garden centre, or a series of events throughout the day at your garden or festival *register each activity separately*. It'll give you more prominence on the site and give site visitors an at-a-glance view of what's on offer, especially if they're looking for things to do on a certain date.
- 2. Need activity inspiration? Visit the Garden Days <u>archives</u> to see what others have done in previous years.
- 3. Please only submit activities and events that are taking place during Garden Days, the dates of which are June 16 to 24, inclusive.

#### Your City's Official Garden Day

Wouldn't it be great if your city or town declared its own official Garden Day? It could be June 16, National Garden Day, or any other day between June 16 and 24. We've made the process super easy. All you need to do is check out <u>this page</u> on the Garden Days website. When you have your Mayor-signed Garden Days proclamation, register it as your city's official garden activity.

#### Tag us so we can share your activities!

Our vibrant Garden Days social media program is already profiling 2018 activities. Use our Twitter and Instagram hashtags when you post, so we can like and share.

Facebook:	Facebook.com/CanadianGarde	nCouncil
Twitter:	@gardenscanada	#GardenDaysCanada
Instagram:	@CanadianGardenCouncil	#GardenDaysCanada

The public relations and digital media programs that support Garden Days will soon go into high gear.

Take advantage of all the eyes that will be on the Garden Days website by registering your activities now. It will maximize exposure to and attendance at your event.

Garden Days is organized by the <u>Canadian Garden Council</u> and sponsored by the <u>Alumni Association of the</u> <u>Niagara Parks Commission School of Horticulture Foundation</u>, <u>Bullfrog Power</u> and <u>Scotts Miracle-Gro</u>.



Meeting 2018 June 12

COMMITTEE REPORT

TO:	CHAIR AND MEMBERS SUSTAINABLE CITY ADVISORY COMMITTEE	DATE:	2018 June 5	
FROM:	DIRECTOR PLANNING AND BUILDING	FILE: Reference:	33000 01 World Rivers Day	

#### SUBJECT: WORLD RIVERS DAY 2018

**PURPOSE:** To seek approval of the proposed program for World Rivers Day 2018 at the Burnaby Village Museum and Council expenditure authorization for advertising and promoting the program.

#### **RECOMMENDATIONS:**

- 1. **THAT** Council approve the proposed program for World Rivers Day 2018 at the Burnaby Village Museum.
- 2. THAT Council authorize expenditures for World Rivers Day 2018 in the amount of \$4,000 for advertising and promotion, as outlined in this report.
- 3. THAT a copy of this report be forwarded to the Burnaby Parks, Recreation and Culture Commission; Mark Angelo, World Rivers Day Chair and Founder and representative of the International River Foundation; and the Outdoor Recreation Council of British Columbia for information purposes.

#### REPORT

#### 1.0 BACKGROUND

Rivers Day occurs each year on the fourth Sunday in September. Communities across BC and in more than sixty countries around the world host celebratory events to promote shared stewardship and celebrate the environmental, socio-economic and cultural values of waterways. The first BC Rivers Day was held in 1980 and was created by renowned river advocate and Burnaby resident, Mark Angelo, the inaugural Chair of the BC Rivers Institute at the British Columbia Institute of Technology. In 1993, the City of Burnaby became the first municipality in BC to proclaim 'BC Rivers Day'. Based on the success of BC Rivers Day, World Rivers Day was launched in 2005 as part of the United Nations Water for Life Decade.

As outlined in this report, it is proposed the City's World Rivers Day community festival be hosted at the Burnaby Village Museum on Sunday, September 23.

#### 2.0 CORPORATE STRATEGIC PLAN

Environmental awareness and stewardship initiatives align with the Corporate Strategic Plan by supporting the following two goals and six sub-goals of the plan:

A Connected Community (goal 2)

- Social connection (sub-goal 2)
- Partnership (sub-goal 3)

A Healthy Community (goal 3)

- Healthy life (sub-goal 1)
- Healthy environment (sub-goal 2)
- Lifelong learning (sub-goal 3)
- Community involvement (sub-goal 4)

#### 3.0 PARTNERSHIPS AND ROLES FOR 2018

The World Rivers Day event in Burnaby is organized by a planning committee consisting of staff from Burnaby Village Museum, the City of Burnaby Planning Department and Mark Angelo. The museum has been an ideal venue and host since the event was first held at the museum in 2013. The museum staff's capacity and organizational knowledge for hosting large public events is a significant benefit and the themes of World Rivers Day complement the museum's regular programming. The museum grounds are also bisected by Deer Lake Brook, which is crossed by a bridge when entering from the east entrance. The bridge and Deer Lake Brook provide a direct connection to Burnaby's waterways. Typically closed for the season after Labour Day, the museum opens its doors specifically to host World Rivers Day and the museum is staffed to operate as it would for other community events. Museum staff undertakes the promotion and marketing for the event.

#### 4.0 PROPOSED WORLD RIVERS DAY PROGRAM

World Rivers Day is scheduled for Sunday, September 23, 2018, from 11 am to 4:30 pm. Program planning for World Rivers Day is well underway. Key elements of the program are similar to previous years and are presented below.

#### Activities

*Streamside Tour:* Ecological information about Deer Lake Brook will be displayed on the bridge and a museum interpreter will be present to engage festival attendees as they cross over the waterway.

*First Nations programming:* Last year, Coast Salish educators hosted a booth at the event. Programming options under consideration for this year include a medicinal plant tour or an artisanal demonstration.

Film Screenings: Two short video vignettes produced by the City of Burnaby Heritage Commission for Burnaby 125 will be shown on a loop in Central Park Theatre on Main Street in the museum

**5.a**)

To:Sustainable City Advisory CommitteeFrom:Director Planning and BuildingRe:World Rivers Day 20182018 June 5Page 3

village. The two films are *Saving Burnaby Lake* and *Saving the Salmon: the Brunette River Story*. The vignettes highlight community activism as well as support from the City of Burnaby to improve stewardship of two valued waterways.

*Waterways of Burnaby Map and new story map:* The Planning Department will display the large aerial photo map of the City to show waterways where salmon spawn and will have free copies of the 'Waterways of Burnaby' map for the public. The Planning Department will also present information about streams that have been enhanced and restored as part of development projects in Burnaby. This information will be presented on display boards and on a new digital story map developed by the City. A story map shows geographical features of the City on a map, and enhances them with pictures or explanatory text.

*Children's Parade:* The Nylon Zoo allows children to participate in a real parade while dressed in animal costumes. It will be located in the field near the carousel.

*Vancouver Aquarium Aquazone:* Two Vancouver Aquarium educators will bring a variety of marine artifacts to create an engaging and interactive display.

#### Entertainment

*Ginalina* (www.ginalina.com) will be the headlining musical performer. Her performance was well received in 2017. Her music features lively guitars, fiddles and a blend of entertaining folk and other instruments. She has been previously nominated for a Juno for children's artist of the year. *Ginalina* will be scheduled to perform two sets on Vorce stage.

*Kellie Haines* will be the other onstage live performer. Kellie is a ventriloquist and well-known children's entertainer who has performed at Burnaby's World Rivers Day event for several years.

Stories on Wheels is a street theatre storytelling act that will perform on the main street in the village.

#### Exhibitors

Between 15 and 20 environmental exhibitors are expected to present their information with interactive and engaging displays beneath tents along the pedestrian pathways in the main village or on the east side of Deer Lake Brook near the main entrance. Several of Burnaby's active Streamkeeper groups are expected to attend the event. The City of Burnaby's Engineering Department will be an exhibitor with information about recycling and environmental protection.

#### Food

In addition to the ice cream parlour and food concession on main street in the village, City of Burnaby Food Services plan to offer the public a salmon BBQ with food plates reasonably priced to recover costs.

In addition to the activities listed above, there will be time allotted in the day's schedule for official remarks by Mayor, Council members and Mark Angelo.

#### 5.0 ADVERTISEMENT AND PROMOTION

An expenditure of \$4,000 from the Boards, Committees and Commissions operating budget is requested for promoting the 2018 program for World Rivers Day at the Burnaby Village Museum. This request is the same as the amount approved the previous four years.

5.a)

These funds will support a comprehensive program to advertise and promote the event, including but not limited to, print ads in local papers, outdoor bus shelter ads, creation of berm signs at the museum, overpass banners, placement in the CTV Community Calendar, bookmarks available at local public libraries, sponsored electronic media, and electronic display ads on the mobile version of a regional newspaper. The City's website, social media channels and community networks will also be used to promote the event.

#### 6.0 CONCLUSION

Celebrating World Rivers Day promotes community stewardship of Burnaby's waterways. This event has special meaning in our community because Burnaby was the first municipality to proclaim BC Rivers Day in 1993. For the sixth year in a row, Burnaby Village Museum, located in the centre of the Central Valley watershed, proposes to host Burnaby's World Rivers Day. This year's program aims to present environmental information in an engaging manner, provide entertainment for children and families and connect the public to streams and rivers in Burnaby. Approval by Council of an expenditure of \$4,000 is requested for promotion and advertising.

Typically one of the high profile events in the province, our celebration of World Rivers Day highlights the City's commitment to the sustainability of Burnaby's streams, rivers and watersheds.

Lou Pelletier, Director

PLANNING AND BUILDING

MS/sla

cc: City Manager Director Corporate Services Director Engineering Director Parks, Recreation and Cultural Services Director Finance OIC, RCMP Fire Chief Chief Librarian President, CUPE Local 23 City Clerk

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Meeting 2018 Jun 12

COMMITTEE REPORT

TO:	CHAIR AND MEMBERS SUSTAINABLE CITY ADVISORY COMMITTEE	DATE:	2018 June 05
FROM:	DIRECTOR ENGINEERING	FILE:	39500-12
SUBJECT:	2017 ANNUAL DRINKING WATER QUALIT	Y MONIT	ORING REPORT
PURPOSE:	To present the Committee and Council with the City's Annual Drinking Water Quality Monitoring Report for 2017.		

#### **RECOMMENDATIONS:**

- 1. **THAT** the Committee recommend to Council to:
  - a. Receive this report for information purposes; and
  - b. Forward a copy of this report to Mr. Binny Sivia, Environmental Health Officer, Fraser Health Authority, Unit #207 - 2776 Bourquin Crescent West, Abbotsford, BC V2S 6A4.

#### REPORT

*Enclosed* (under separate cover) is the City's Annual Drinking Water Quality Monitoring Report for 2017. The report provides an overview of the regulatory context, outlines the drinking water quality program undertaken by staff and includes associated sample results to provide evidence of potability and compliance with the *B.C. Drinking Water Protection Regulation*.

In summary, in 2017 a total of 2,621 routine drinking water samples were obtained in Burnaby for bacteriological analysis. Of these, 1,562 samples were obtained by City staff from 63 dedicated sample locations selected throughout the City's waterworks system and 1,059 samples were collected by Metro Vancouver staff from 17 locations along its transmission mains located within the City boundary. The samples collected by City staff were submitted to Metro Vancouver laboratory for analysis of Total Coliform, E. Coli (indicator of fecal contamination), Heterotrophic Plate Count (HPC -early indicator of bacterial re-growth in the water mains), and turbidity. Free chlorine residual and temperature were also measured in the field at the time of sampling. In addition, a limited number of sample locations were also used for monitoring disinfection by-products (trihalomethanes and haloacetic acid), pH, metals and vinyl chloride.

In reviewing the 2017 drinking water quality sample data, it was noted that overall the water quality continues to improve over previous years. The bacteriological water quality complied

with the *B.C. Drinking Water Protection Regulation*. There was no E. Coli detected in any of the potable water sampled. With respect to total coli forms, at no time did the percentage of samples tested positive for coliform exceed the 10% stipulated in the B.C. Drinking Water Protection Regulation. Any samples with greater than 10 total coliforms would result in a follow-up with the Fraser Health Authority and immediate flushing of applicable water mains and re-sampling. HPC's have also shown to be reducing when compared to previous years.

Free chlorine residuals at sampling stations have also improved over the past years. In 2017, 98.0% of water samples obtained from the 63 sampling stations achieved the objective of 0.2mg/L or above. Sampling stations that experience temporary lower residual free chlorine are largely due to low flow/use through the distribution system and the City maintains the residual free chlorine levels in these areas by frequent flushing of the water mains to enhance flow.

Physical/chemical, pH, vinyl chloride and the disinfection by-products measured as Trihalomethanes and Haloacetic Acids were found to be below the *Federal Guidelines for Canadian Drinking Water Quality*.

With respect to turbidity in drinking water, 99.6% of samples had turbidity of less than 1 NTU. For those samples where turbidity was greater than 1 NTU, these may be attributed to source water conditions or other transient activities such as water main flushing, water main breaks or firefighting which cause a change in the water pressure or flow in the system. Samples with high turbidity readings are followed up with immediate flushing of applicable water main(s), and resampling.

Staff will be placing a notice in the local newspaper informing the public regarding the availability of this report. Limited copies of the City's Annual Drinking Water Quality Report (2017) will be available to the public at the Engineering Department and in public libraries in Burnaby. Alternately, the public can also access an electronic copy of the report or data for any of the specific sampling locations from the City's website.

This is provided for the Committee and Council's information.

Leon A. Gous, P.Eng., MBA DIRECTOR ENGINEERING

SR/ac

Enclosure (under separate cover)

Copied to: City Manager