



Community Safety Committee

**Council Chambers, City Hall
6911 No. 3 Road**

**Wednesday, October 13, 2021
4:00 p.m.**

Pg. # ITEM

MINUTES

CS-4 *Motion to adopt the **minutes** of the meeting of the Community Safety Committee held on September 21, 2021.*



NEXT COMMITTEE MEETING DATE

November 9, 2021, (tentative date) at 4:00 p.m. in the Council Chambers

COMMUNITY SAFETY DIVISION

- 1. COMMUNITY BYLAWS PARKING ENFORCEMENT AND ANIMAL SERVICES MONTHLY ACTIVITY REPORT – AUGUST 2021**
(File Ref. No. 12-8060-01) (REDMS No. 6741313)

CS-11

See Page CS-11 for full report

Designated Speaker: Susan Lloyd

Pg. # ITEM

STAFF RECOMMENDATION

That the staff report titled “Community Bylaws Parking Enforcement and Animal Services Monthly Activity Report – August 2021”, dated September 14, 2021, from the General Manager, Community Safety, be received for information.

2. **PROPERTY USE MONTHLY ACTIVITY REPORT – AUGUST 2021**
(File Ref. No. 09-5355-00) (REDMS No. 6749842)

CS-19

[See Page CS-19 for full report](#)

Designated Speaker: Mark Corrado

STAFF RECOMMENDATION

That the staff report titled “Property Use Monthly Activity Report – August 2021”, dated September 17, 2021, from the General Manager, Community Safety, be received for information.

3. **HOT WEATHER AND POOR AIR QUALITY PLAN**
(File Ref. No. 09-5140-01) (REDMS No. 6723315)

CS-24

[See Page CS-24 for full report](#)

Designated Speaker: Deputy Fire Chief Jim Wishlove

STAFF RECOMMENDATION

That the report titled, “Hot Weather and Poor Air Quality Plan”, dated September 3, 2021, from the Deputy Fire Chief, be received for information.

4. **RICHMOND FIRE-RESCUE MONTHLY ACTIVITY REPORT – AUGUST 2021**
(File Ref. No. 99-Fire Rescue/) (REDMS No. 6739880)

CS-59

[See Page CS-59 for full report](#)

Designated Speaker: Fire Chief Tim Wilkinson

STAFF RECOMMENDATION

That the staff report titled “Richmond Fire-Rescue Monthly Activity Report – August 2021”, dated September 13, 2021, from the Fire Chief, be received for information.



5. **FIRE CHIEF BRIEFING**

(Verbal Report)

Designated Speaker: Fire Chief Tim Wilkinson

Items for discussion:

None.

6. **RCMP MONTHLY ACTIVITY REPORT – AUGUST 2021**

(File Ref. No. 09-5000-01) (REDMS No. 6731299)

CS-70

[See Page CS-70 for full report](#)

Designated Speaker: Chief Supt. William Ng

STAFF RECOMMENDATION

That the staff report titled “RCMP Monthly Activity Report – August 2021”, dated September 15, 2021, from the Officer in Charge, Richmond RCMP Detachment, be received for information.



7. **RCMP/OIC BRIEFING**

(Verbal Report)

Designated Speaker: Chief Supt. William Ng

Items for discussion:

None.

8. **MANAGER’S REPORT**

ADJOURNMENT





Community Safety Committee

- Date: Tuesday, September 21, 2021
- Place: Anderson Room
Richmond City Hall
- Present: Councillor Bill McNulty, Chair
Councillor Carol Day
Councillor Andy Hobbs
Councillor Alexa Loo (by teleconference)
Councillor Harold Steves (by teleconference)
- Also Present: Councillor Chak Au
Councillor Linda McPhail (by teleconference)
Councillor Michael Wolfe (by teleconference)
- Call to Order: The Chair called the meeting to order at 4:00 p.m.
- The Chair paid tribute to fallen Constables Jimmy Ng and Tom Agar.

MINUTES

This item was not discussed.

NEXT COMMITTEE MEETING DATE

October 13, 2021, (tentative date) at 4:00 p.m. in Council Chambers

COMMUNITY SAFETY DIVISION

1. **BUSINESS LICENCE QUARTERLY ACTIVITY REPORT-Q2 2021**
(File Ref. No. 12-8375-03) (REDMS No. 6723542)

In reply to a query from the Committee, staff advised that the number of illegal suites decreased due to the COVID-19 pandemic and travel restrictions.

Community Safety Committee
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It was moved and seconded

That the staff report titled “Business Licences Quarterly Report – Second Quarter 2021”, dated August 3, 2021, from the General Manager, Community Safety be received for information.

CARRIED

2. PROPERTY USE MONTHLY ACTIVITY REPORT-JUNE 2021

(File Ref. No. 12-8375-02) (REDMS No. 6726329)

Staff noted that the reference to the issuance of a violation notice under the heading “Grease” on Page 3 was in error.

In reply to queries from the Committee, staff advised it will provide memos (i) with information regarding the non-compliance issues, and (ii) with information regarding the \$9,900.00 judgement against a Richmond property.

It was moved and seconded

That the staff report titled “Property Use Monthly Activity Report- June 2021”, dated August 9, 2021, from the General Manager, Community Safety, be received for information.

CARRIED

3. PROPERTY USE MONTHLY ACTIVITY REPORT-JULY 2021

(File Ref. No. 12-8375-02) (REDMS No. 6726469)

Staff noted that the reference to the issuance of a violation notice under the heading “Grease” on Page 3 was in error.

In reply to a query from the Committee, staff confirmed that the resident subject to the bylaw prosecution removed the over-height fence in question.

It was moved and seconded

That the staff report titled “Property Use Monthly Activity Report- July 2021”, dated August 10, 2021, from the General Manager, Community Safety, be received for information.

CARRIED

4. COMMUNITY BYLAWS PARKING ENFORCEMENT AND ANIMAL SERVICES MONTHLY ACTIVITY REPORT- JUNE 2021

(File Ref. No. 12-8060-01) (REDMS No. 6706308)

In reply to a query from the Committee, staff advised that SPCA officers have increased patrols at Garry Point.

Community Safety Committee
Tuesday, September 21, 2021

It was moved and seconded

That the staff report titled “Community Bylaws Parking Enforcement and Animal Services Monthly Activity Report – June 2021”, dated July 15, 2021, from the General Manager, Community Safety, be received for information.

CARRIED

5. **COMMUNITY BYLAWS PARKING ENFORCEMENT AND ANIMAL SERVICES MONTHLY ACTIVITY REPORT- JULY 2021**

(File Ref. No. 12-8060-01) (REDMS No. 6726715)

In reply to queries from the Committee, staff advised (i) the new SPCA contract will have officers starting a shift at 7:00 a.m., (ii) an increase in stray cats in August 2021 was likely due to windows and doors being kept open in hotter weather, and (iii) bylaw officers have not received any coyote complaints.

It was moved and seconded

That the staff report titled “Community Bylaws Parking Enforcement and Animal Services Monthly Activity Report – July 2021”, dated August 13, 2021, from the General Manager, Community Safety, be received for information.

CARRIED

6. **RICHMOND FIRE-RESCUE MONTHLY ACTIVITY REPORT-JUNE 2021**

(File Ref. No.) (REDMS No. 6713101)

Jim Wishlove, Deputy Chief, Richmond Fire-Rescue, introduced Brennan MacLachlan, as the new Emergency Programs Manager.

In reply to queries from the Committee, Tim Wilkinson, Fire Chief, advised (i) the ongoing wait time with BC Ambulance has increased and a report from the Provincial Government is expected shortly, (ii) increased call-outs are due to the reimposition of Provincial Health Orders and return to previous call out strategies, (iii) staff felt proud and privileged to offer their services to smaller locations in BC, (iv) some staff were deployed to smaller communities in BC for a substantial amount of time, and (v) the tire fire of June 28, 2021 was compounded by high temperatures, but was managed by fire suppression equipment.

It was moved and seconded

That the staff report titled “Richmond Fire-Rescue Monthly Activity Report – June 2021”, dated July 19, 2021, from the Fire Chief, be received for information.

CARRIED

Community Safety Committee
Tuesday, September 21, 2021

7. **RICHMOND FIRE-RESCUE MONTHLY ACTIVITY REPORT-JULY 2021**

(File Ref. No.) (REDMS No. 6729072)0

In reply to queries from the Committee, Chief Wilkinson, advised (i) the major event on July 26, 2021 was maintained by “cold fire” to minimize fluid use, (ii) a dam process and removal protocols are implemented for all hazardous fluid spills, (iii) all vehicles are equipped to dam hazardous spills, (iv) there is speculation that the July 8, 2021 wildland fire was caused by a train, and (v) the incorrect disposal of personal smoking materials continues to be a concern.

It was moved and seconded

That the staff report titled “Richmond Fire-Rescue Monthly Activity Report – July 2021”, dated August 16, 2021, from the Fire Chief, be received for information.

CARRIED

8. **FIRE CHIEF BRIEFING**

(Verbal Report)

Designated Speaker: Fire Chief Tim Wilkinson

There were no items for discussion.

9. **RCMP MONTHLY ACTIVITY REPORT- JUNE 2021**

(File Ref. No. 09-5000-01) (REDMS No. 6701675)

Chief Superintendent William Ng, Officer in Charge, (i) thanked the Chair for the acknowledgement of fallen officers, (ii) welcomed new Emergency Programs Manager, Brennan MacLachlan, and (iii) advised that two suspects were arrested with respect to a series of arsons.

In reply to queries from the Committee, Chief Superintendent Ng advised (i) the average 90-minute wait time is an improvement from previous months, (ii) RCMP engage in regular meetings with Vancouver Coastal Health to alleviate some wait times, (iii) some technology has been implemented to improve the wait times, and (iv) RCMP is collaborating with Transit Police to prevent theft from retail.

Community Safety Committee
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As a result of the discussion, the following *referral motion* was introduced:

It was moved and seconded

That the Committee send a letter through the Mayor's office to the Minister of Public Safety and Solicitor General expressing concerns regarding the wait times for the RCMP due to lengthy waits at the hospital.

CARRIED

In reply to queries from Committee, Chief Superintendent Ng advised (i) no permanent injuries have been suffered by officers, and (ii) metrics are required regarding the relationship between mental health and specific crimes.

It was moved and seconded

That the staff report titled "RCMP Monthly Activity Report-June 2021", dated July 14, 2021, from the Officer in Charge, Richmond RCMP Detachment, be received for information.

CARRIED

10. **RCMP MONTHLY ACTIVITY REPORT- JULY 2021**

(File Ref. No. 09-5000-01) (REDMS No. 6719495)

The Chair requested Chief Superintendent Ng and Fire Chief Wilkinson thank their respective departments from the Committee.

It was moved and seconded

That the staff report titled "RCMP Monthly Activity Report- July 2021" dated August 18, 2021, from the Officer in Charge, Richmond RCMP Detachment, be received for information.

CARRIED

11. **RCMP 2021-2025 STRATEGIC PLAN**

(File Ref. No. 09-5000-01) (REDMS No. 6717979)

In reply to a query from the Committee, staff advised the strategic plan can be made accessible on the City's website.

Discussion ensued on a suggestion to incorporate the graphs depicting the downward trend in crime rates in the next City mailout.

It was moved and seconded

That the report titled "Richmond RCMP Detachment Strategic Plan 2021-2025", dated July 28, 2021 from the Officer in Charge, Richmond RCMP Detachment, be received for information.

CARRIED

Community Safety Committee
Tuesday, September 21, 2021

12. **RCMP/OIC BRIEFING**

(Verbal Report)

Designated Speaker: Chief Supt. William Ng

Chief Superintendent Ng announced the grand opening of a City Center District Police Office on Thursday, September 29, 2021 at 2:30 p.m.

In reply to a query from the Committee, Chief Superintendent Ng advised that over 60 officers were deployed in the forest fire fighting efforts to protect homes from theft and all returned safely.

13. **17000 – 19000 RIVER ROAD**

(Verbal Report)

Discussion ensued on concerns with reported criminal activity, stolen property offences, unsightly premises and environmental concerns.

As a result of the discussion, the following *referral motion* was introduced:

It was moved and seconded

That staff assess properties on River Road, specifically between 17000 and 19000 block of River Road, including the river side:

- (1) To determine the ownership, and other relevant factors regarding compliance with the city bylaws, applicable provincial and federal environmental regulations and the criminal code;*
- (2) Further that police and bylaw staff assess criminal activity, such as stolen property and violations of applicable bylaws and statutes; and*
- (3) Staff report back with actionable options for Committee consideration.*

CARRIED

IN CAMERA

The Committee adjourned to an in-camera session from 4:53 p.m. to 5:09 p.m.

ADJOURNMENT

It was moved and seconded

That the meeting adjourn (5:09 p.m.).

CARRIED

Community Safety Committee
Tuesday, September 21, 2021

Certified a true and correct copy of the Minutes of the meeting of the Community Safety Committee of the Council of the City of Richmond held on Tuesday, September 21, 2021.

Councillor Bill McNulty
Chair

Debbie Reimer
Legislative Services Associate



City of Richmond

Report to Committee

To: Community Safety Committee **Date:** September 14, 2021
From: Cecilia Achiam **File:** 12-8060-01/2021-Vol
 General Manager, Community Safety 01
Re: **Community Bylaws Parking Enforcement and Animal Services Monthly Activity Report – August 2021**

Staff Recommendation

That the staff report titled “Community Bylaws Parking Enforcement and Animal Services Monthly Activity Report – August 2021”, dated September 14, 2021, from the General Manager, Community Safety, be received for information.

Cecilia Achiam
 General Manager, Community Safety
 (604-276-4122)

REPORT CONCURRENCE	
ROUTED To:	CONCURRENCE
Finance	<input checked="" type="checkbox"/>
SENIOR STAFF REPORT REVIEW	INITIALS:
APPROVED BY CAO 	

Staff Report

Origin

This monthly report for the Parking Enforcement and Animal Services department provides information and statistics for enforcing bylaws related to Pay Parking, Parking Enforcement, Animal Services and Dog Licencing as well as education and public awareness initiatives.

This report supports Council's Strategic Plan 2018-2022 Strategy #1 A Safe and Resilient City:

Enhance and protect the safety and well-being of Richmond.

1.1 Enhance safety services and strategies to meet community needs.

Analysis

Dog Licencing and Patrols

In August there were 116 dogs licenced. This figure represents 115 new dog licence applications and one dog licence renewal application. The total number of dogs, licenced year to date is 7,405. Community Bylaw staff continue to collect outstanding renewal licencing fees and have reduced the amount of unpaid renewal licences from 960 to 193. The annual dog licencing campaign will continue until October 2021, with additional fines being levied against the remaining dog owners who have not renewed their licences.

During the month of August 2021, BC SPCA Officers conducted 77 on-foot patrols of 37 parks, schools and dykes located within the City. Five out of nine park patrol requests received by the BC SPCA were for Officer attendance at school grounds to address public concerns regarding off-leash dogs.

For the month of September 2021, the BC SPCA will be scheduling Officers to patrol Cook Elementary daily, between the hours of 12pm to 8pm, to conduct education and/or ticketing to address an abundance of off-leash dogs witnessed by a BC SPCA Officer and occurring during the above-specified hours.

Patrols by BC SPCA Officers conducted at Garry Point, have had a positive effect, resulting in no complaints received by the BC SPCA for dogs off leash for the month of August.

During the month of August 2021, BC SPCA Officers attended 13 dog in hot car calls, which resulted in three violation notices and 10 warnings being issued under the Animal Control Bylaw section 1.1.1(b) "*A person must not cause any animal to be confined in an enclosed space, including a vehicle, without adequate ventilation*". The City and the BC SPCA continue to promote the dangers of leaving your animal in a vehicle on social media platforms and will continue to do so throughout the summer months. As the fall and winter season approaches, both Community Bylaws and the BC SPCA will focus on addressing the dangers of leaving an animal in a vehicle during cold weather, which can be just as fatal to the animal.

During the month of August 2021, the BC SPCA received 18 calls for service regarding barking dogs. The complaints are likely attributed to more dogs being outside and windows being left open during the hot weather experienced in August. BC SPCA Officers attended the residences of the dog owners, to alert them to both the complaint, while also referencing the Noise Regulation Bylaw No. 8856 (Noise Bylaw), Section 3.2.1 (a) which prohibits a dog from barking for any period in excess of one-half hour of time. Out of the 18 barking dog complaints received for the month of August, one violation notice and two warnings were issued to dog owners who did not comply with the Noise Bylaw.

The fledgling season for seagulls took place in the month of August and this led to an increase of calls for service from well-intentioned individuals believing the fledglings are injured or in danger. BC SPCA continued to educate the public on fledgling season during the month of August and the importance of not disturbing the nests.

Additionally, BC SPCA Officers conduct both education and enforcement, which includes licence checks, muzzling requirements and general animal services and dog licencing violations, while continuing to foster a strong relationship within the community

Figure 1 below highlights the top five patrolled parks and/or schools followed by Figure 2, which represents BC SPCA Officer public engagement while conducting enforcement and education within City parks for the month of August. Figure 3 represents the 230 calls for service that the BC SPCA Officers attended for the month of August.

Figure 1: Parks Patrolled by BC SPCA

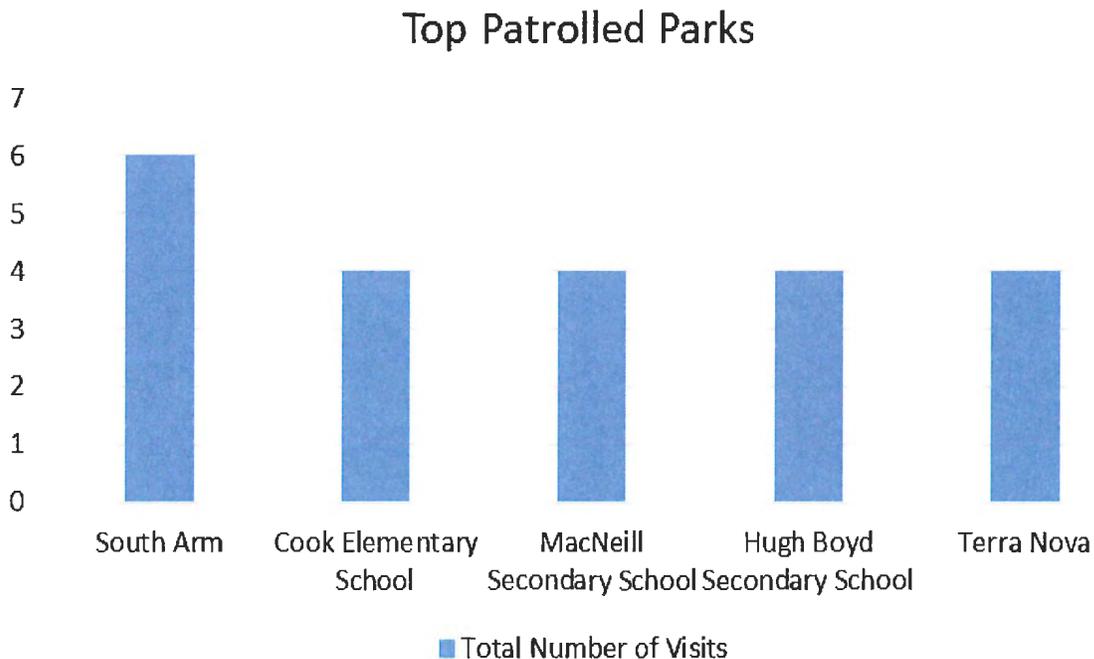


Figure 2: Education and Enforcement by BC SPCA

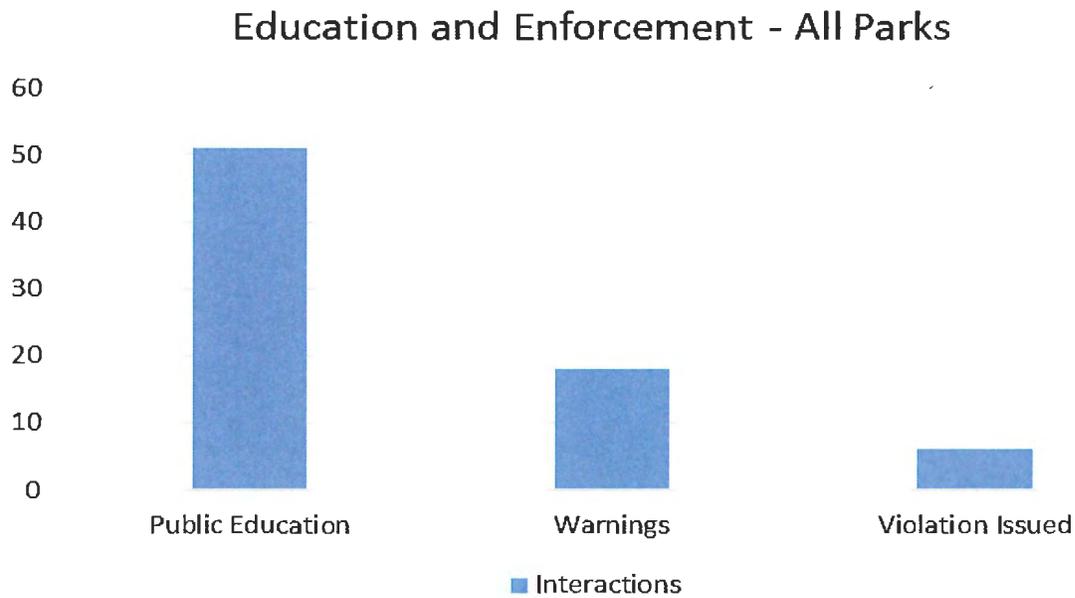
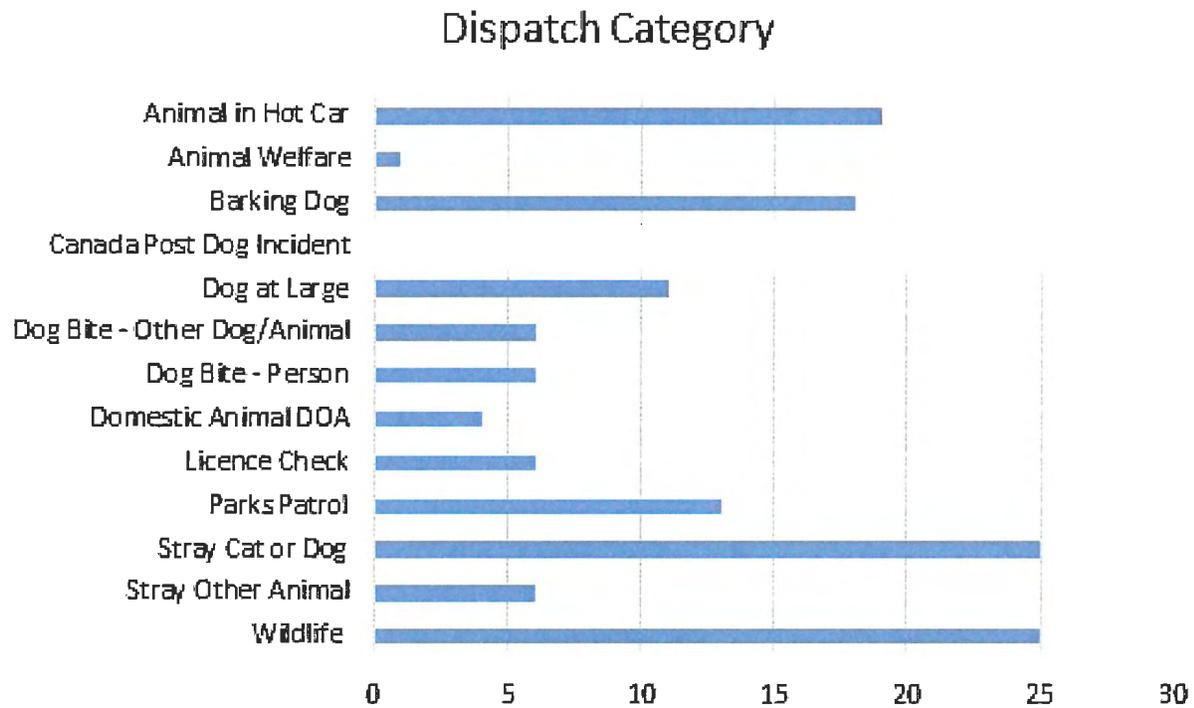


Figure 3: Dispatch Calls for Service – Animals



Parking Enforcement

For the month of August 2021, Parking Officers attended 203 calls for service for parking and/or stopping related offences. Out of the 203 calls, 61 were attributed to requests for enforcement of the Traffic Bylaw No. 5870 (Traffic Bylaw) as it pertains to either the 72-hour or 3-hour requirement within the Bylaw. These calls are associated with recreational vehicles and other types of vehicles either parking in front of a single-family dwelling or on City streets and are not moving within the required period set out in the Traffic Bylaw. Parking Officers are required to attend, chalk the tires and monitor the vehicles for movement for either 72-hours or 3-hours depending on the nature of the complaint.

Parking Officers proactively patrol City owned off-street parking lots for compliance of pay parking and City roadways for stopping and parking offences. Management of files by Parking Officers is priority based with all safety and obstruction requests receiving top priority.

In August 2020, Council supported the development of the City owned vacant property at 8660 Beckwith Road to increase available commuter parking near the Bridgeport Canada Line Station. In August 2021, the City’s new metered parking lot opened, “*Bridgeport North*”, located at the corner of Beckwith Road and Sexsmith Road with a capacity of 32 spaces and a parking rate of \$3.00 per day.

Figure 4 reflects the monthly and year-to-date parking enforcement activity measured by violation issuance. The corresponding revenue is reflected in Figure 5.

Figure 4: Parking Violations Issuance Comparison

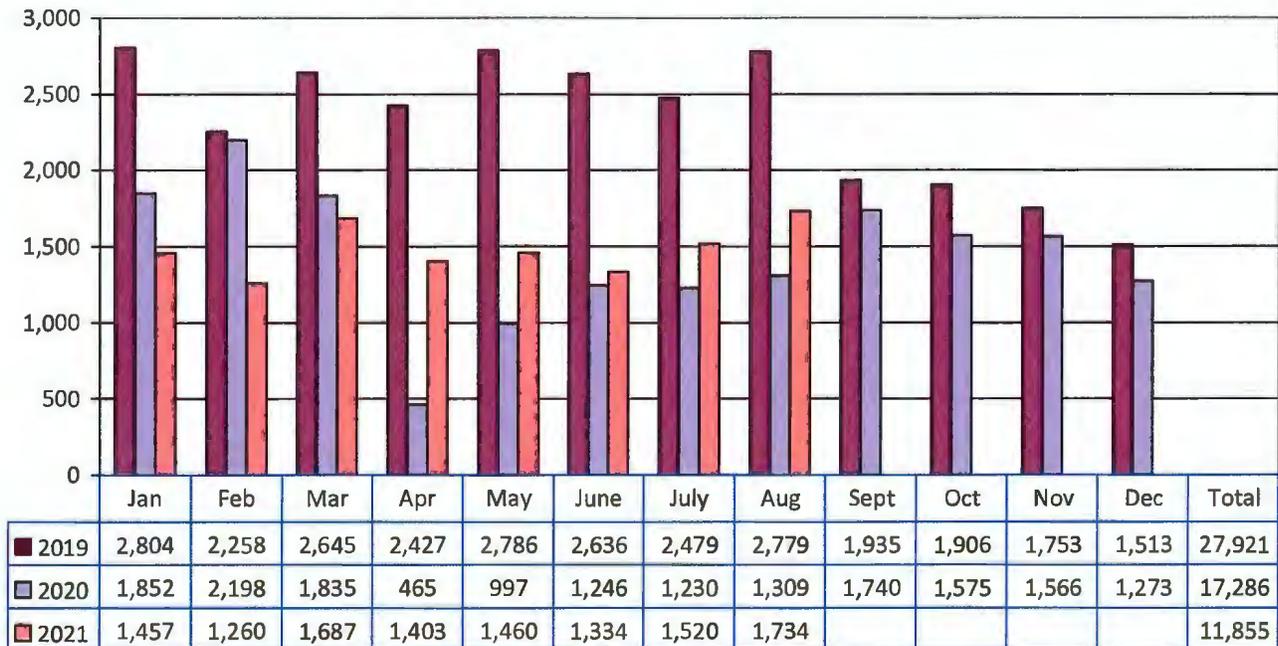


Figure 5: Parking Revenue Comparison (000's)



Ticket Issuance

Parking violations make up the majority of tickets issued by Bylaw Enforcement Officers. Table 1 exhibits the number of parking violations issued together with the number of animal services violations issued.

Table 1: Violations Issued

Ticket Issuance	August	YTD
Parking & Stopping Offences	1,734	11,855
Animal Services Offences	77	536
Totals	1,811	12,391

The increase in ticket revenue for the month of August can be attributed to fines issued by Parking Officers for parking and/or stopping violations occurring at the Richmond Night Market. A total of 411 tickets have been issued since the opening of the Night Market on July 24, 2021. Enforcement services performed by Parking Officers at the Night Market are recovered by the City through the Night Market contractor and are shown in Table 2 below, as receivable income.

Animal Services ticket revenue continues to reflect an increase during the month of August. This is attributed to the annual dog licence-canvassing program, which ensures non-compliant dog owners purchase renewal licences. Increases in revenue can also be attributed to increased uniform presence and enforcement of City bylaws by BC SPCA Officers as they relate to animal control and licencing issues.

Bylaw Adjudication

The adjudication session was held on August 25, 2021, and consisted of:

- two violations in contravention of the Animal Control Regulation Bylaw No. 7932;
- one violation in contravention of the Fire Protection and Life Safety Bylaw No. 8306;
- one violation in contravention of the Traffic Bylaw No. 5870; and
- one violation in contravention of the Business Licence Bylaw No. 7360.

All violations were upheld and the Adjudicator ruled in favour of the City. The next adjudication is scheduled for November 17, 2021.

Revenue and Expenses

The Community Bylaw Parking and Animal Services department derives much of its revenue from parking meters, parking permits and parking violations. The remainder of revenue generated is from dog licences, animal services fines, false alarm disturbances and newspaper box permits. Table 2 outlines individual revenue types while Table 3 highlights revenue and expenses for the programs within Community Bylaws Parking and Animal Services.

Table 2: Parking and Animal Services Revenue by Source

Program Revenue	Budget Aug 2021	Actual Aug 2021	YTD Budget Aug 2021	YTD Actual Aug 2021
Contract Revenue ¹	5,319	5,000	41,362	40,000
Filming Revenue	0	699	0	12,332
False Alarm	4,533	0	36,267	5,875
Dog Licences	15,072	8,411	163,182	199,500
Newspaper Box Permits	2,429	0	28,905	8,648
Animal Services Fines	632	6,575	6,836	35,925
Parking Revenue ²	181,201	127,139	1,409,194	820,893
Receivable Income ³	8,864	10,020	68,935	10,019
Total Revenue	218,050	157,844	1,754,681	1,133,192

¹ City Towing Contract with Rusty's towing

² Parking Revenue consists of Parking Meters, Monthly Parking Permits, and Parking Enforcement

³ Receivable Income consists of Night Market Recoveries

Table 3: Parking & Animal Services Revenue and Expenses

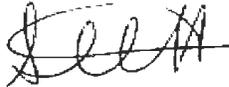
		YTD Budget Aug 2021	YTD Actual Aug 2021
Parking⁴	Revenue	1,584,663	897,767
	Expenses	1,104,259	782,771
	Net Revenue (Expense)	480,404	114,996
Animal Control⁵	Revenue	170,018	235,425
	Expenses	672,349	613,525
	Net Revenue (Expense)	(502,331)	(378,100)

Financial Impact

None.

Conclusion

The Parking Enforcement and Animal Services department administers a wide range of bylaws related to parking, animal services, public parks and school grounds. This report provides a summary of monthly enforcement and educational activity, including revenue and expenses. Ticketing revenue continues to fluctuate, primarily due to the impact of the COVID-19 Pandemic, which is managed and partially offset by a decrease in costs in all areas of the department.



Susan Lloyd
 Program Manager, Administration, Parking
 Enforcement and Animal Services
 (604-247-4467)

⁴ Includes all revenue from Table 2, excluding dog licences and animal services fines

⁵ Includes dog licences and animal services fines from Table 2



City of Richmond

Report to Committee

To: Community Safety Committee **Date:** September 17, 2021
From: Cecilia Achiam **File:** 09-5355-00/Vol 01
 General Manager, Community Safety
Re: **Property Use Monthly Activity Report – August 2021**

Staff Recommendation

That the staff report titled “Property Use Monthly Activity Report – August 2021”, dated September 17, 2021, from the General Manager, Community Safety, be received for information.

Cecilia Achiam
 General Manager, Community Safety
 (604-276-4122)

REPORT CONCURRENCE	
ROUTED TO:	CONCURRENCE
Finance Department	<input checked="" type="checkbox"/>
Engineering	<input checked="" type="checkbox"/>
SENIOR STAFF REPORT REVIEW	INITIALS:
APPROVED BY CAO 	

Staff Report

Origin

This monthly report for the Property Use department provides information and statistics for enforcing bylaws related to noise, health, grease, soils, zoning and short-term rentals as well as education and public awareness initiatives.

This report supports Council’s Strategic Plan 2018-2022 Strategy #1 A Safe and Resilient City:

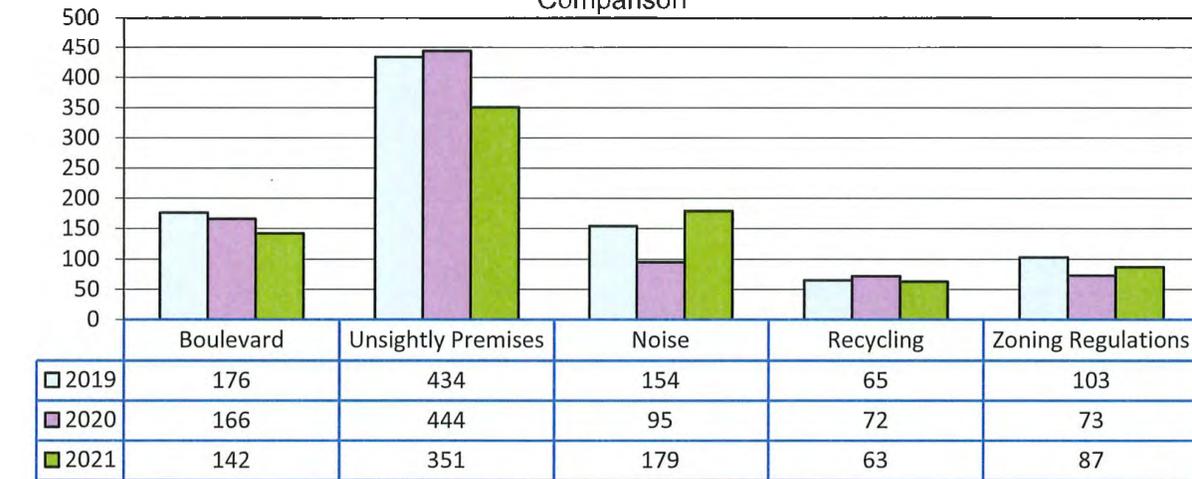
1.1 Enhance safety services and strategies to meet community needs.

Analysis

Property Use Calls for Service

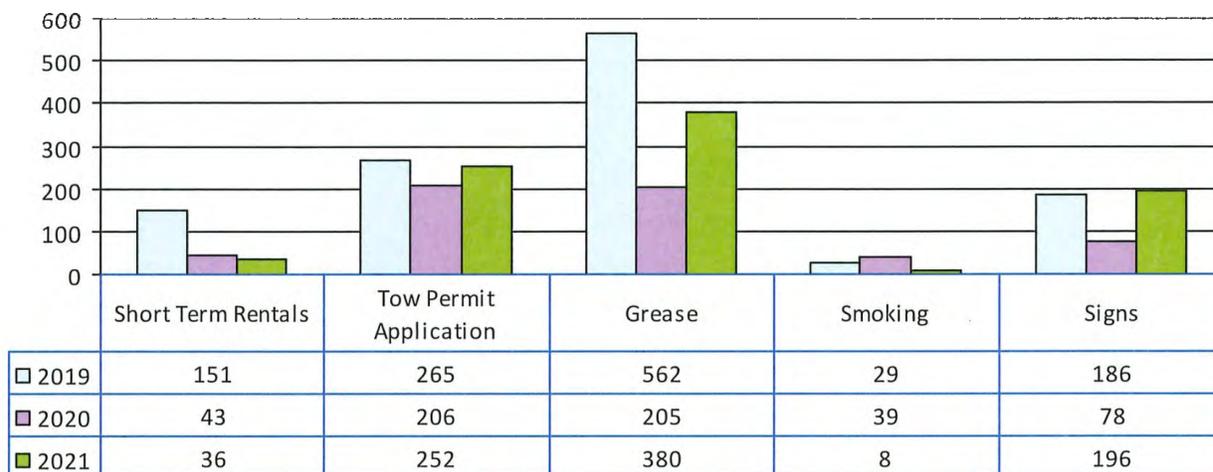
Property use enforcement matters are divided among several groups in Community Bylaws, Engineering and Business Licencing. Figure 1 shows the calls for service (files opened) by Property Use Inspectors. Figure 2 shows all other property related enforcement.

Figure 1: Property Use Calls For Service - August Year-To-Date Comparison



As expected, calls for enforcement of Noise continue to increase compared to previous years. This increase was in part due to a rise in construction related noise calls. While calls related to short-term rentals are expected to return to levels seen in previous years, the numbers remain low for August.

Figure 2: Other Calls For Service - August Year-To-Date Comparison



Grease

The Grease Officer remains focused on education and communication. During the month of August, the Grease Officer undertook 128 grease-trap inspections, which are reflected in the cumulative total shown in Figure 2. There was one violation notice issued for contravention of Drainage, Dike and Sanitary Sewer System Bylaw No. 7551.

Soil Report

During the month of August, the Soil Bylaw Officer conducted 53 site inspections and is currently addressing 38 properties that are considered to be in non-compliance. There is one additional file with legal counsel.

Stop Work Orders and removal/remediation orders were issued for:

- 5990 No. 6 Road
- 5480 No. 6 Road
- 8251 No. 5 Road

Compliance was obtained for:

- 10520 Blundell Road
- 10751 Blundell Road
- 10900 Sidaway Road
- 5480 No. 6 Road
- 16160 Westminster Highway
- 11850 block Blundell Road – Property owner complied and removed construction waste from a City allowance

There are 13 soil deposit proposals under various stages of review by City staff and the Officer continues to monitor 13 approved sites. The Agricultural Land Commission (ALC) is currently reviewing the soil deposit proposal for 8511 No. 6 Road (forwarded by the City as per Council approval in May).

Bylaw Prosecutions

There was one bylaw prosecution trial in Provincial Court in August 17. The trial was related to the use of commercial vehicles and outdoor storage 10040 Palmberg Road. The trial was adjourned due to time restrictions and will reconvene on December 6, 2021.

Ticketing

The following table reflects department *violation issuance* by file type for the month of July and year to date.

Table 1: Community Bylaw Violations

Ticket Issuance (BVN's & MTI's)	August	YTD
Short-Term Rental Offences	2	11
Soil Deposit and Removal Offences	0	0
Watercourse Protection Offences	0	0
Unightly Premises Offences	2	23
Noise Offences	3	23
Grease Trap Offences	1	2
Solid Waste and Recycling Offences	0	3
Sign Offences	0	14
Watering Offences	1	1
Totals	9	77

Revenue and Expenses

Revenue in Property Use is derived from soil permit revenue, tickets and court fines from bylaw prosecutions. While the actual amount collected each month can vary depend on timing of court and ticket payments, overall Property Use revenue is ahead of budget. These results are shown in Table 2.

Table 2: Property Use Revenue by Source

Program Revenue	Budget Aug 2021	Actual Aug 2021	YTD Budget Aug 2021	YTD Actual Aug 2021
Towing Permits	1,128	2,655	13,013	17,260
Soil Permit Applications	250	(1,200)	2,000	3,300
Other Bylaw Fines	5,393	8,570	62,216	96,110
Total Revenue	6,771	10,025	77,229	116,670

In addition to a favorable result on the revenue side, there are also savings on the expense side. This equates to an overall budget position that is lower than budgeted expenses. The full results are shown in Table 3.

Table 3:Property Use Revenue and Expenses

		YTD Budget Aug 2021	YTD Actual Aug 2021
Property Use	Revenue	77,229	116,670
	Expenses	953,200	516,625
	Net Revenue (Expense)	(875,971)	(399,955)

Financial Impact

None.

Conclusion

Property Use administers a wide range of bylaws related to land use, unsightly premises, short-term rentals, soil, grease, noise and health. This report provides a summary of this month’s activity, including revenue and expenses.



Mark Corrado
 Manager, Community Safety Policy and Programs
 (604-204-8673)

MC:mc



City of Richmond

Report to Committee

To: Community Safety Committee

Date: September 3, 2021

From: Jim Wishlove
Deputy Fire Chief

File: 09-5140-01/2021-Vol
01

Re: Hot Weather and Poor Air Quality Plan

Staff Recommendation

That the report titled, "Hot Weather and Poor Air Quality Plan", dated September 3, 2021, from the Deputy Fire Chief, be received for information.

Jim Wishlove
Deputy Fire Chief
(604-303-2715)
Att. 1

REPORT CONCURRENCE		
ROUTED TO:	CONCURRENCE	CONCURRENCE OF GENERAL MANAGER
Communications	<input checked="" type="checkbox"/>	
Community Social Development	<input checked="" type="checkbox"/>	
Parks Services	<input checked="" type="checkbox"/>	
Public Works	<input checked="" type="checkbox"/>	
Recreation Services	<input checked="" type="checkbox"/>	
Emergency Programs	<input checked="" type="checkbox"/>	
SENIOR STAFF REPORT REVIEW	INITIALS: 	APPROVED BY CAO

Staff Report

Origin

At the July 13, 2021, Community Safety Committee meeting, as a result of the extreme heat experience throughout Metro Vancouver, the following referral was made:

“That staff examine ways to incorporate heat wave planning into the City’s Emergency Management Plan, and report back.”

This report supports Council’s Strategic Plan 2018-2022 Strategy #1 A Safe and Resilient City:

Enhance and protect the safety and well-being of Richmond.

1.3 Ensure Richmond is prepared for emergencies, both human-made and natural disasters.

Analysis

As a result of the June 2021 heat event, the B.C Coroner service confirmed later in a media interview that across the Province 570 (70%) of the 815 sudden deaths recorded over that time period of the heat wave had been deemed "heat related". According to the Coroner, 79% of those who died were aged 65 or older. The overall number of sudden deaths represented a nearly 300% increase from the average number of deaths recorded over the same week every year since 2016.

While Richmond did not experience the same level of impacts, vulnerable populations are often impacted by extreme heat events; especially those who are socially isolated or residing in poor living conditions. People that are at higher risk include individuals experiencing homelessness; seniors (particularly those homebound); small children; people who work or exercise outdoors; and those with health problems (addiction problems, breathing difficulties, heart conditions, and/or mental illness).

The occurrence of high levels of humidity, reduced air quality levels, and/or extended durations of heat events are all potentially aggravating factors that can negatively affect health and put people at increased risk.

During the current pandemic, there is significant overlap among those most vulnerable to heat, COVID-19 and poor air quality. Vancouver Coastal Health medical health officers have stated that the risk of heat related morbidity and mortality may currently be higher than the risk of COVID-19 infection during periods of elevated heat.

As directed by Community Safety Committee, staff have created a Hot Weather and Poor Air Quality Plan (Plan) (Attachment 1) that provides actionable direction in the event of either an extreme heat event or a poor air quality advisory being issued for Richmond and/or the region. The Plan guides City staff in preparation and response for periods of increased heat or decreased air quality and will be activated by Richmond Fire-Rescue and Emergency Programs, as directed by Council and/or Senior Management, in consultation with Environment and Climate Change Canada (ECCC), Vancouver Coastal Health (VCH) or other jurisdictions as appropriate.

Hot Weather and Poor Air Quality Plan

This plan is to be used by City staff to guide preparatory and response actions during periods of increased heat or decreased air quality. Staff will continue to monitor and modify the plan using best practices and lessons learned from future activations.

The Plan defines roles and responsibilities of various City departments including Richmond Fire-Rescue, Emergency Programs, Corporate Communications & Marketing, Community Services, Community Social Development, Public Works, as well as community partners, such as the Richmond Library and the Richmond Olympic Oval during Plan activations. The public will also be given information about sun safety and what steps they can take to mitigate and reduce negative health impacts.

Level 1 and Level 2 Heat Activations

The scope of activation will be in accordance with the level/type of alert issued by ECCC as described below.

Under notice from ECCC a Level 1 Heat Warning will be issued for the region when two or more days and nights are forecast to have a temperature range of no lower than 16°C over two consecutive nights, and a high of at least 29°C for two consecutive days.

Under a Level 1 Heat Warning, public and stakeholder communication will be implemented to assist people in taking preventative measures to reduce the impact of increased heat and poor air quality on residents. This will include a communication plan to increase awareness of City-operated facilities and outdoor locations which provide respite from the heat and air environment while also emphasizing the importance of checking on friends, family, neighbours and others who may be vulnerable to the heat and need assistance in implementing recommended protective actions.

Under guidelines from ECCC a regional Level 2 Extreme Heat Alert will be issued when the average of the day's temperature and the following day's forecasted high is 31°C at Vancouver Airport (YVR) or 36°C at Abbotsford Airport (YXX).

Should a Level 2 Extreme Heat Alert be issued; in addition to all Level 1 measures City staff will open and operate City-operated locations as enhanced Cooling and Air Quality Centres. During this activation level, City-operated facilities operating hours may be extended and staff and community partners will coordinate the distribution of water to vulnerable populations. Additional City resources could be deployed to provide assistance, such as transport to a cooling centre and check on vulnerable individuals known to the police or community partners.

The City follows the air quality advisory system maintained by Metro Vancouver. When local air quality degrades, Metro Vancouver will issue Air Quality Advisories notifying the public.

Heat Wave – July 27, 2021 Activation

The Hot Weather and Poor Air Quality Plan outlines the details of implementation and deactivation as well as specific operational requirements for Cooling and Air Quality Centres, including the roles and responsibilities of all involved.

For example, when Environment Canada issued a “Heat Warning” on July 27, 2021, the City implemented the following actions using the Plan as a guide:

- Corporate Communications and Marketing staff issued social media and media notices providing public preparedness information to the community and responded to media queries;
- Public Works crews ensured all public drinking fountains were operational and accessible across the City. A map of these and other options was posted at: richmond.ca/heat for easy public access;
- Public Works crews installed misting stations, attached to City fire hydrants, at Garry Point Park, Thompson Community Centre, Steveston Village, London-Steveston Park and King George Park;
- Parks staff operated spray parks and installed shade shelters in designated parks;
- All of the City’s public pools, including Watermania, Minoru Centre for Active Living, Steveston and South Arm Outdoor were available to the public; and
- Cambie and South Arm Community Centres, four Richmond Public Libraries and the Brighthouse Cultural Centre served as cooling centres during their opening hours.
- Community Social Development provided information regarding the heat wave to the Richmond Community Services Advisory Committee for distribution to their networks.

Community Outreach and Communication

Both broad and targeted communication are essential for success. As such, the Plan contains clearly defined City and community resources such as traditional media (e.g. news release), web sites (<https://www.richmond.ca/safety/prepare/city/hazards/heat.htm>), social media channels and direct outreach to vulnerable members of the community, and those belonging to specific City facilities and partner organizations to maximize information dissemination. Additionally, as the program further develops, the Richmond BC Alert application will be used to communicate important shelter and heat-related information to the community.

September 3, 2021

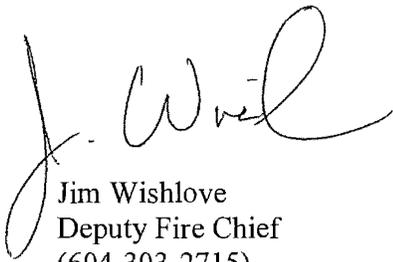
- 5 -

Financial Impact

None.

Conclusion

As directed, staff have developed a Hot Weather and Poor Air Quality Response Plan that can be activated as required. Staff will continue to monitor the Plan for effectiveness and make improvements as we gain more feedback and learnings during further activations.



Jim Wishlove
Deputy Fire Chief
(604-303-2715)

JW:jw

Att. 1: City of Richmond Hot Weather and Poor Air Quality Plan



City of Richmond

**Hot Weather and Poor Air Quality
Operations Guide**

Alerting Process, Multiple Cooling Centres / Clean Air Shelter

Locations & Operations

OPERATIONAL GUIDE DOCUMENTATION	REDMS # 6712589	<u>CITY OF RICHMOND</u> <ul style="list-style-type: none"> • Community Services • Community Social Development • Public Works • Richmond Public Library • Richmond Fire-Rescue, Emergency Programs Branch • Corporate Communications & Marketing • Parks Services
	Document Status: FINAL	
	Last Updated: 27 September 2021	

REVISION HISTORY

Revision Number	Description of Revision	Effective Date
1.0	Original Draft	18 July, 2021
2.0	Final Draft	3 September, 2021

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- 1) List of City-Operated Facilities Available For Heat / Air Quality Respite
- 2) Southwest BC Region Heat Alert System
- 3) Emergency Cooling Centre / Air Quality Shelter Operations Guide & Considerations
- 4) Cooling Centre / Air Quality Shelter Stakeholders
- 5) Cooling Centre / Air Quality Shelter Equipment List
- 6) Map Of Water Fountains And Places To Stay Cool In Richmond

SUMMARY

This plan provides actionable direction for City staff in the event of either an extreme heat event or an air quality advisory being issued for Richmond and/or the region. It guides City staff in preparation and response for periods of increased heat or decreased air quality and will be activated by Richmond Fire-Rescue Emergency Programs Branch, as directed by Council and/or Senior Management, in consultation with Environment and Climate Change Canada (ECCC), Vancouver Coastal Health (VCH) or other jurisdictions as appropriate. The scope of activation will be in accordance with the level/type of alert issued:

Level 1 Heat Warning

The scope of activation will be in accordance with the level/type of alert issued by ECCC as described below.

Under notice from ECCC a Level 1 Heat Warning will be issued for the region when two or more days and nights are forecast to have a temperature range of no lower than 16°C over two consecutive nights, and a high of at least 29°C for two consecutive days.

Under a Level 1 Heat Warning, public and stakeholder communication will be implemented to assist people in taking preventative measures to reduce the impact of heat and poor air quality on residents. This will include a communication plan to increase awareness of City-operated facilities and outdoor locations with shade available to provide respite from the heat and air environment while also emphasizing the importance of checking on friends, family, neighbours and others who may be vulnerable to the heat and need assistance in implementing recommended protective actions.

Level 2 Extreme Heat Alert

This Alert will be issued when the average of the day's afternoon temperature and the following day's forecasted high is 31°C at YVR or 36°C at Abbotsford. Should that occur, the City – in consultation with VCH and/or other jurisdictions – will implement Level 1 strategies and, in addition, identify designated City-operated locations as enhanced Cooling/Air Quality Centres.

The Level 2 Extreme Heat Alert will also trigger potential expanded opening hours of existing City-operated facilities, as well as distribution of water to vulnerable populations in conjunction with community partners.

The following pages outline the details of implementation and deactivation as well as specific operational requirements for Cooling/Air Quality Centres and the roles and responsibilities of all involved.

1.0 INTRODUCTION & OVERVIEW

1.1 Purpose

The purpose of this plan is to provide actionable direction for City staff in the event of either an extreme heat event or air quality advisory being issued for the region.

1.2 Audience

This plan is to be used by City staff to guide preparatory and response actions during periods of increased heat or decreased air quality.

1.3 Scope

This plan advises on actions related to heat and air quality alerts as documented in the Plan Activation section. General “warm weather”, “dirty air”, or “summertime” operations are out of scope. Further, this plan does not replace or circumvent other City department procedures, rather it augments already existing plans and procedures.

1.4 Risk & Vulnerability Assessment

During the June 2021 heat event, the B.C Coroner service later confirmed in an interview that 570/815 (70%) sudden deaths recorded over that time period have been deemed heat related. According to the Coroner, 79% of those who died were ≥ 65 years of age. Sudden deaths represented a 300% increase from the average number of deaths recorded during the same week every year, since 2016.

While Richmond did not experience the same levels of impact, vulnerable populations, especially those in social isolation or residing in poor living conditions, are often impacted by extreme heat. Those at higher risk include: persons experiencing homelessness, seniors (particularly homebound), infants/children, those who work/exercise outdoors, and persons with health problems (addiction, respiratory issues, heart conditions, and/or mental illness).

High levels of humidity, reduced air quality levels, and/or extended durations of extreme heat are all potentially aggravating factors that can negatively affect health and increase risk.

There is significant overlap in risk among extreme heat, COVID-19, and poor air quality. In the summer of 2021, Vancouver Coastal Health medical health officers stated that the risk of heat related morbidity and mortality during the extreme summer 2021 temperatures and COVID-19 pandemic may be higher than the risk of COVID infection.

2.0 ASSUMPTIONS

This plan was created under the following assumptions. If any become no longer applicable, the plan will be adjusted accordingly and implementation will be modified as needed.

- City departments identified in this plan will have procedures in place to implement their identified functions.
- Facilities identified in this plan may be available for use for their designated function(s).
- Staff identified in this plan will be oriented and trained on the plan regularly.
- Organizations engaging vulnerable populations such as those providing assisted living services for the elderly and those looking after children (e.g. child care providers, schools, summer youth camps) will take appropriate actions to ensure the safety of the people in their care.
- Employers will take appropriate actions to mitigate extreme heat adverse impacts on their workforce.
- Costs incurred as a result of activation of this plan that are not recovered through EMBC will be borne by the individual departments enacting respective functions.

3.0 ESSENTIAL COMPONENTS

The essential components of such initiatives include regular review of this plan and actions, proactive forecasting for hot weather and poor air quality occurrences, public education and preparedness, public warnings and awareness and response actions.

Plan Review:

This plan and actions should be reviewed by the identified departments in Q2 of each year in preparation for hot weather and poor air quality occurrences, and to review and confirm any necessary changes.

Public Communications:

A hot weather and/or air quality advisory event warrants a variety of messaging from several departments and external jurisdictions. Corporate Communications and Richmond Fire-Rescue (RFR) will organize, prioritize and deliver the messaging in the ensuing days prior to an event and throughout the event. Existing communications channels will be used including the City's and RFR's website, social media channels, and news releases as deemed appropriate.

Public Warnings:

Upon awareness and with notification from some or all of the following agencies, the identified City departments will action the steps included in this plan:

- Vancouver Coastal Health (VCC)
- Environment and Climate Change Canada (ECCC)
- Metro-Vancouver
- Emergency Management B.C. (EMBC)

Response:

1. Implement mechanisms for issuing warnings when a weather situation is forecasted which could adversely affect health
2. Promote public health initiatives and activities to prevent heat-related illness and death
3. Increase community outreach
4. Increase surveillance of weather advisories
5. Dissemination of education material
6. Identify potentially dangerous situations
7. Opening of cooling/air quality centres when appropriate
8. Provision of transportation to and between Cooling Centres when appropriate

Objectives:

1. To ensure all agencies and City departments working with vulnerable groups are provided with information about precautions to take when temperatures reach extreme levels, or when air quality is poor.

2. To coordinate a community response when temperatures and/or air quality reach extreme levels.
3. To ensure that high-risk populations are cared for when temperatures and/or poor air quality reach extreme levels.
4. To provide Cooling Centres for community respite, when appropriate.
5. To activate the City's Emergency Response Plan, when appropriate.

Roles and Responsibilities:**✚ Richmond Fire-Rescue, Emergency Programs Branch (RFR EP)**

- Will monitor all weather related advisories and coordinate with identified City business units when notifications and alerts are triggered.
- Will support the public awareness, and the communications through research, ongoing monitoring of the notice advisories and update as necessary.
- Will coordinate resources as appropriate to support ongoing Cooling Centre operations if necessary.
- Will liaise between the City and EMBC to apply for reimbursement when appropriate.
- Will coordinate and disseminate all applicable information to all internal City departments who will have actions and responsibilities stemming from this plan.

✚ Corporate Communications & Marketing

- Will coordinate and disseminate appropriate information to the public on behalf of the City, and in coordination with Environment Canada, Metro-Vancouver and VCH notices.
- Will communicate the location, hours and availability of City of Richmond facilities to be used as Cooling Centres as available when appropriate.

✚ Community Services and Richmond Public Library

- Will identify which facilities will be available and accessible for heat and/or poor air quality respite.
- Will identify locations of shelter in public parks.
- Will manage the operation of the identified civic facilities during the available times when accepting the public for respite.
- Will communicate all locations, operating hours and other important public-facing information (and updates to this information) to RFR EP and Corporate Communications, so information can be publically shared via existing communications channels.

 **Public Works**

- Will identify locations of public water fountains. Functionality of fountains ensured through regular maintenance.
- Will identify locations for misting devices and deploy them.
- Will communicate all locations and other important public-facing information (and updates to this information) to RFR EP and Corporate Communications, so information can be publically shared via existing communications channels.

4.0 ACTIVATION GENERAL REQUIREMENTS

**Issuance Of Any Of The Alerts Or Notifications Mentioned Below
Will Trigger The Activation Of This Plan.**

4.1 Extreme Heat Triggers

The City follows the 2019 Heat Alert and Response System (HARS) developed by Environment and Climate Change Canada (ECCC) and the BC Centre for Disease Control (BCCDC).

4.1.1 Level 1 Heat Warning

A Level 1 Heat Warning will be issued for the Southwest BC region when 2 or more days are forecasted to have a temperature range of 16°C (low) and 29°C (high), or higher.

Heat Warnings will be issued electronically via ECCC's EC Alert Me system (ecalertme.weather.gc.ca).

When alert criteria is no longer met ECCC will end the warning with notification through the EC Alert Me system.

4.1.2 Level 2 Extreme Heat Alert

A Level 2 Extreme Heat Alert will be issued for the Southwest BC region when daily temperature forecasts indicate the *average* of that day's temperature measured at 2:05pm and the next day's forecasted high is 31°C at YVR, or 36°C at Abbotsford.

Note: forecasted lows are not included in the calculation.

VCH will issue an alert to the public and via Health Emergency Management BC (HEMBC) to emergency management teams.

When the criteria level is no longer met, VCH will issue a notification to the public and via HEMBC to emergency management teams ending the alert.

4.2 Air Quality Advisory Triggers

The City follows the air quality advisory system maintained by Metro Vancouver. When local air quality degrades, Metro Vancouver will issue Air Quality Advisories notifying the public.

4.2.1 Air Quality Advisories

Metro Vancouver will issue an air quality advisory if either:

- a. Air quality *at two or more stations* exceeds or is expected to exceed any of the air quality objectives listed below, or
- b. Air quality has deteriorated or is expected to deteriorate into “high health risk” category (7 or greater) of the Air Quality Health Index for at least two consecutive hours.

Metro Vancouver air quality objectives are as follows:

- **Fine particulate matter (PM_{2.5}):** a 24-hour rolling average > 25 ug/m³
- **Ground-level ozone (O₃):** a 1-hour rolling average > 161 ug/m³
- **Nitrogen dioxide (NO₂)*:** a 1-hour rolling average > 113 ug/m³
- **Sulphur dioxide (SO₂)*:** a 1-hour rolling average > 183 ug/m³

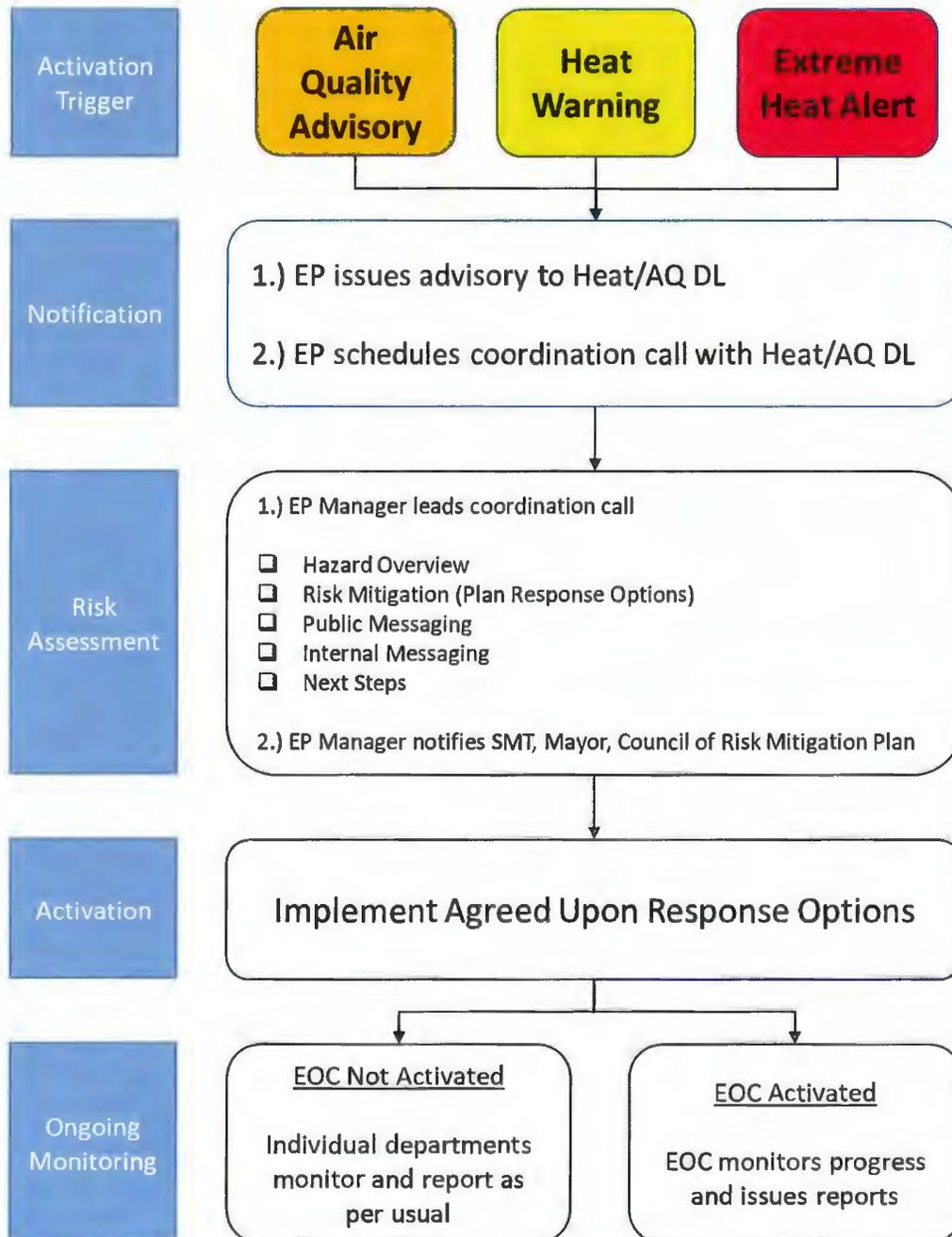
**Advisories are rare for these contaminants as exceedances of objectives tends to be very transient, lasting only a single hour or two for an entire year.*

Air quality advisories will be issued electronically via Metro Vancouver’s [Advisory and Bulletin System](#).

An air quality advisory cancellation will be issued via the advisory and bulletin system when air quality objectives are no longer exceeded or when the AQHI is in the moderate health risk category or better.

Should an air quality advisory be issued independently of a heat event, City Staff will follow actions outlined as above to provide shelter and respite for those who need it as per the Level I and Level II Heat Triggers.

4.3 Activation Procedure Diagram



4.4 Activation Procedure Breakdown

Following confirmation by the directing agency (VCH, Environment Canada or Metro-Vancouver), and the advisory status is declared, the activation procedures set forth in this plan will be followed.

4.4.1 Level 1 – Heat Warning:

1. RFR Emergency Programs notifies Corporate Communications & Marketing, Community Services, Community Social Development and the Richmond Public Library of the declaration.
2. Each City department notifies staff and partner agencies through their communications network.
3. Corporate Communications & Marketing disseminate public facing information through existing communication channels including the City's website, social media and potentially news releases. Information will include:
 - Heat warning issued
 - The criteria upon which the warning is based
 - General information on heat-related effects
 - Recommended protective information for the public
 - Recommended preventative measures for the public where applicable
 - Means by which to obtain further information
 - Emphasis on the need for residents to check-in on friends, family and neighbors who may be vulnerable to the heat, and may need assistance in implementing recommended protective actions
4. Corporate Communications and Emergency Programs respond to health-related media requests and post news release on City and RFR websites.
5. Richmond Public Library monitors facilities for potential increase in customer traffic and for potential Cooling Centre declaration (and updates RFR EP and Corporate Communications), including:
 - Facilities maintenance and issues review and troubleshooting,
Draft identification of which site(s) could be identified as official cooling center(s)
6. Community Services monitors facilities for potential increase in customer traffic and for potential Cooling Centre declaration (and updates RFR EP and Corporate Communications), including:
 - Facilities maintenance and issues review and troubleshooting,
 - Draft identification of which site(s) could be identified as official cooling center(s).

7. Community Social Development monitors specific risks for vulnerable populations, including seniors and people experiencing homelessness, and communicates information regarding cooling centres to key non-profit organizations and service providers in Richmond.

4.4.2 Extended or Continued Heat Warning:

1. All actions in Level 1 will continue.
2. Meeting of City and community stakeholders to occur to discuss implementation of any or all of the following actions;
 - a. Distribution of bottled water to vulnerable populations in conjunction with community partners,
 - b. Expanding location(s) and hours of operation of public facilities where appropriate,
 - c. Request that local utility providers halt all service cancellations until after heat warning has passed,
 - d. Opening Cooling Centres at various City civic and Library facilities.
SEE APPENDIX 1
 - e. Deployment of devices by Waterworks

4.4.3 Level 2 – Extreme Heat Alert:

1. All actions in Levels 1 and 2 will continue.
2. News release regarding Extreme Heat Alert released by Corporate Communications & Marketing.
3. RFR EP may implement any or all of the following additional actions if appropriate:
 - a. Activation of Emergency Response Plan
 - b. Consideration of extending hours of operations for current Cooling Centres
 - c. Coordination of transportation services between Cooling Centres, or to/from Cooling Centres
 - d. Increase broader public outreach using additional resources such as:
 - Richmond RCMP
 - City Operations Staff
 - City Community Social Development Dept.
Community Organizations

4.5 City Staff Awareness and Protection

Once heat and air quality alerts are known, information will be shared with all City of Richmond staff who may be impacted by the heat or air quality environment. Designated Emergency Cooling/Air Quality Centres, shade shelters and spray-misters will also be available to City staff for their protection and respite

Additionally, prevention and education information will be issued and shared with City staff through advisories from Occupational Health and Safety; these advisories will be made available on the City Intranet and at places of work coordination, for example:



4.6 Implementation of Cooling/Air Quality Centres

Emergency Cooling/Air Quality Centres are places of refuge during extreme weather events or periods of poor air quality. The primary focus is to ensure the public and high risk populations are cared for to mitigate and reduce negative consequences and health impacts.

When implementing the plan, the following criteria must be met:

- Identified facilities have the necessary infrastructure, equipment and personnel to support an Emergency Cooling/Air Quality Centre

- Business Continuity impacts resulting from the mobilization of a centre will be managed by the City, Richmond Public Library and/or other community organizations as appropriate.
- Response, readiness and procurement needs along with roles, responsibilities and operational budget will be clearly defined by Senior Management.
- Each selected location will have the following:
 - a. **Accessible Reception and Screening Area:** As the first place of contact with the public, this is where patrons are greeted, and asked to sign-in to the facility (if required). Patrons will also be given an orientation to the site and reminders to ensure everyone's safety and wellbeing as appropriate.
 - b. **Primary Cooling Area:** This is where patrons will be seated once signed in and screened. There will be a refreshments station stocked with water and educational reading material available. In accordance with British Columbia Centre for Disease Control guidelines (BC CDC) and public health expectations, cleaning will be performed as appropriate.
 - c. **Isolation Area:** Any patrons who become symptomatic or begins to feel ill will be moved to the designated isolation area. 9-1-1 will be called for anyone needing medical attention or assessment.
 - d. **Staff Area:** For staff and volunteers to eat, rest and take breaks as required.

5.0 STAFFING REQUIREMENTS

Generally there are three main roles to support an Emergency Cooling/Air Quality Centre which have been summarized below:

Position	Key Responsibilities
<p>Site Lead</p>	<ul style="list-style-type: none"> • Oversee overall operations and staff within the Cooling Centre and ensure that all required functions are carried out. Troubleshoot any challenges. • Manage the daily schedule. Ensure staff are given breaks throughout the day and that least one person is covering each function at all times. • Monitor Cooling Centre capacity and space allocations within the Cooling Centre. • Debrief with Cooling Centre team at the end of the day, prior to closing. Share any concerns related to safety, operations, resourcing and identify any modifications or changes to be made for next day/future activations. • This position will be staffed by the respective City department
<p>Greeter/ Support Staff</p>	<ul style="list-style-type: none"> • As patrons enter the facility to use the washrooms or access the drop-in space, have a welcoming conversation with them and have them sign in if required. • Let the patrons know they are welcome to bottled water and snacks are available in the cooling room. Request that they follow guidance on hygiene, distancing and traffic flow in the facility. • This position will be staffed by the respective City department
<p>Security (If necessary)</p>	<ul style="list-style-type: none"> • Coordinate with Cooling Centre staff to maintain access control by facilitating safe and effective pedestrian flow, ensuring site security and assisting with capacity management. • Assist with the cycling of patrons in/out of the facility at established time intervals if capacity levels are reached. • Help to maintain a safe and respectful environment by providing information to patrons, communicating with or reporting issues to Site Lead. • This position will be staffed by the respective City department

6.0 DEACTIVATION PROCEDURES AND BREAKDOWNS

There is no deactivation required for a Level 1 Heat Warning.

Deactivation of a Level 1 Extended Heat Warning/Heat Alert, and a Level 2 Extreme Heat Alert response and plan occurs only following confirmation by the City through VCH that the warning/alert has ended.

The end of a Level 1 Extended Heat Warning/Heat Alert, and a Level 2 Extreme Heat Alert may be communicated to:

- The public by Corporate Communications via existing communications channels.
- City Council, staff, community partners and stakeholders via the respective operational departments

While VCH and/or other jurisdictions may declare an extreme hot weather event has ended, the City retains the option to continue implementation of its plan as appropriate to ensure ongoing community safety.

7.0 HOT WEATHER RESPONSE PLAN EVALUATION

City staff will review the Hot Weather Response Plan biannually and/or following any activation of the plan to update or improve effectiveness.

Should there be no activation and subsequent review of the Plan in a two-year period, RFR EP will organize a table-top exercise to practice the appropriate actions and response processes within the Plan.

8.0 PARTNER TOOLS

The following online resources may be utilized as sources of information regarding heat and air quality alerts and monitoring.

Partner	Tool	Purpose
Environment & Climate Change Canada	National Weather Alert System	Information on heat warning alerts and criteria
Metro Vancouver	Air Quality Alert System	Air Quality Alerting tool for Metro Vancouver region
Metro Vancouver	Air Quality Map	Live Air Quality Map
Metro Vancouver	Air Quality Map Explainer	Air Quality Map details
BCCDC	BC Heat Impacts Prediction Map	Map of predicted impact to public health from heat in the province
Homelessness Services Association of BC	Extreme Weather Homeless Shelter Notifications	HAS-BC.CA Email alerts for all of lower mainland. Emails are sent to all agencies dealing with homelessness and provides information on what each community is doing to address the heat response.

APPENDIX 1**LIST OF CITY-OPERATED FACILITIES AVAILABLE FOR HEAT/AIR QUALITY RESPITE**

- ❖ **Richmond Olympic Oval**
6111 River Road
Richmond, BC V7C 0A2
- ❖ **Richmond (Brighouse) Cultural Centre**
100-7700 Minoru Gate
Richmond, BC V6Y 1R9
- ❖ **Richmond (Ironwood) Public Library**
8200-11688 Steveston Hwy
Richmond, BC V7A 1N6
- ❖ **Richmond (Cambie) Public Library**
150-11590 Cambie Road
Richmond, BC V6X 3Z5
- ❖ **Cambie Community Centre**
12800 Cambie Rd.,
Richmond, BC V6V 0A9
- ❖ **Watermania**
14300 Entertainment Blvd,
Richmond, BC V6W 1K3
- ❖ **Minoru Centre for Active Living**
7191 Granville Ave
Richmond, BC V6Y1N9
- ❖ **Richmond (Brighouse) Public Library**
100-7700 Minoru Gate
Richmond, BC V6Y 1R9
- ❖ **Richmond (Steveston) Public Library**
4111 Moncton Street
Richmond, BC V7E 3A8
- ❖ **Hamilton Community Centre**
5140 Smith Dr,
Richmond, BC V6V 2W5
- ❖ **South Arm Community Centre**
8880 Williams Rd,
Richmond, BC V7A 1G6
- ❖ **Steveston Community Centre**
4111 Moncton Street,
Richmond, BC V7E 3A8

APPENDIX 2

SOUTHWEST BC REGION HEAT ALERT SYSTEM

2019 Heat Alert Response System – Southwest BC Region	
Monitoring Year Round	<p style="text-align: right; font-size: small;">JUNE 2019</p> <p>To support daily surveillance and forecasting of the effects of hot weather across the province, BC Centre for Disease Control (BCCDC) has developed the <i>British Columbia Health Impacts Prediction System (BCHIPS)</i> tool. The <i>BCHIPS</i> framework uses a model of historic daily temperatures and historic daily counts of relevant ambulance dispatches to predict the impacts of the temperature forecasts for the upcoming days. <i>BCHIPS</i> generates two daily reports designed for easy interpretation that you can access here: general public maps (maps.bccdc.ca/bchips) and public health authorities maps (internalmaps.bccdc.ca/bchips).</p>
Level 1: Environment Canada Heat Warning	<p>Environment Canada (EC) develops the weather forecast for the Southwest BC Region and will issue a Heat Warning when the criteria for Coastal or Inland weather stations is met:</p> <div style="border: 1px solid black; padding: 5px; margin: 10px auto; width: 80%;"> <p style="text-align: center;">Heat Warning Criteria for Southwest BC Region*</p> <p style="text-align: center;">2 or more days with a forecasted temperature (T) range of:</p> <p style="text-align: center;">Coastal Tmax \geq 29°C and Tmin \geq 16°C</p> <p style="text-align: center;">Inland Tmax \geq 33°C and Tmin \geq 17°C</p> <p style="text-align: center; font-size: x-small;">*Warnings will be issued for both Coastal and Inland sections if either criteria is met</p> </div> <p style="color: red; font-weight: bold;">According to BCCDC historical data, the Heat Warning criteria level is linked to at least a 5% increase in mortality, or 2-4 excess deaths in the region per day</p> <ul style="list-style-type: none"> Heat Warnings will be issued electronically to emergency management representatives registered on Environment Canada's <i>EC Alert Me</i> system (ecalertme.weather.gc.ca), and publicly on the <i>WeatherCAN</i> app and their public weather alerts webpage (weather.gc.ca/warnings) When the criteria level is no longer met, EC will end the warning with notification through the <i>EC Alert Me</i> system, <i>WeatherCAN</i> app and the public weather alerts webpage
Level 2: Extreme Heat Alert	<p>BCCDC monitors daily temperature forecasts and will advise Vancouver Coastal Health and Fraser Health when temperatures are expected to reach the Extreme Heat Alert level:</p> <div style="border: 1px solid black; padding: 5px; margin: 10px auto; width: 80%;"> <p style="text-align: center;">Extreme Heat Alert Criteria for Southwest BC Region</p> <p style="text-align: center;">Daily temperature forecasts indicate the average of today's 14:05h temperature and tomorrow's Tmax is:</p> <p style="text-align: center;">\geq 29°C at YVR or \geq 34°C at Abbotsford</p> <p style="text-align: center;">(these averages are used to predict Tmax of \geq31°C at YVR and \geq36°C at Abbotsford)</p> </div> <p style="color: red; font-weight: bold;">According to BCCDC historical data, the Extreme Heat Alert criteria level is linked to at least a 20% increase in mortality, or 15-25 excess deaths in the region per day</p> <ul style="list-style-type: none"> Once the criteria level has been reached, Vancouver Coastal Health and Fraser Health will issue an Extreme Heat Alert to the public Health Emergency Management BC (HEMBC) will forward the Extreme Heat Alert to Emergency Management BC and Local Government Emergency Planners When the criteria level is no longer met, the above will issue notification to all previously contacted parties ending the alert

APPENDIX 3

EMERGENCY COOLING CENTRE & AIR QUALITY SHELTER SET-UP

Facility Pre-Planning
<input type="checkbox"/> Facility staff identify spaces to use, occupancy limits, furniture locations and emergency procedures. <input type="checkbox"/> Identify Hours of Operation <input type="checkbox"/> Identify Site Lead and Personnel Assignments <input type="checkbox"/> In Coordination with other departments determine Chain of Command (Site/Site-Support Control)
Staff, Health, Safety and Risk Management
<input type="checkbox"/> OH&S Safety Officer to assess the space for set up, apply signage and determine appropriate PPE needs and protocols for use. (if necessary) <input type="checkbox"/> Provide Cooling Centre Operational Guide and Safety Plan to Emergency Cooling Centre staff <input type="checkbox"/> Conduct in-service and staff orientation for Cooling Centre staff
Setting up the Facility
A. Main Cooling Area
<input type="checkbox"/> Identify private Main Cooling Area and areas that need to be closed off <input type="checkbox"/> Pre-arrange furniture <input type="checkbox"/> Acquire supplies, i.e. water and food <input type="checkbox"/> Set up Refreshment Station
B. Isolation Area
<input type="checkbox"/> Identify isolation area within the Cooling Centre for those who become ill or symptomatic
C. Staff Area
<input type="checkbox"/> Identify Staff Area (if available)
D. Signage
<input type="checkbox"/> Hang Multi-lingual signage about screening, sign in and Cooling Centre rules <input type="checkbox"/> Print educational materials for guests (Tips to Beat the Heat; COVID-19 information)
Communications
<input type="checkbox"/> Inform Corporate Communications to assist with the dissemination of information via social media channels and Corporate Webpages <input type="checkbox"/> Corporate Communications to provide Frequently Asked Questioned (FAQ's), key messages and speaking points for Emergency Cooling Centre staff and Reception.

DAILY OPERATING GUIDELINES

Morning Briefing
<ul style="list-style-type: none"> <input type="checkbox"/> Introduce all staff and identify all staff roles/responsibilities <input type="checkbox"/> Review operational hours, breaks, staff rotations, cleaning, lunch etc. <input type="checkbox"/> Identify Cooling Centre floorplan, traffic flow, cooling rooms, staff area, isolation rooms and washrooms. <input type="checkbox"/> Describe emergency procedures (fire, earthquake, workplace violence) including location of the pull station, extinguisher, Muster Area and where emergency protocols. <input type="checkbox"/> Confirm closing time; ensure all staff participate in end-of-day debrief before leaving the site.
Welcoming Guests
Ask guests to sign in using sign-in sheet.
Monitoring Guests
<ul style="list-style-type: none"> <input type="checkbox"/> Provide directions on the locations of Cooling Centre amenities, such as bathrooms and water <input type="checkbox"/> Monitor the number of guests in the Cooling Centre and inform the Greeters at the entrance <input type="checkbox"/> Escalate any issues with guests to the Site Lead, whether sudden onset of symptoms or other disruption that poses a risk to staff or other guests
<ul style="list-style-type: none"> • If the Cooling Centre reaches or exceeds capacity, staff are to inform the Site Lead who will liaise with Emergency Programs. • Should sites become overwhelmed with clients, 45 minute rotations could be established to ensure opportunities for all. • Additionally, RFR EP can manage transportation between Cooling Centres as required through Coast Mountain Bus services. • Patrons will be asked to start leaving one hour before closing time (no new patrons admitted) to allow time for final cleaning and shut-down of the Cooling Centre.
Closing Procedures
<input type="checkbox"/> <u>60 minutes prior to closing:</u> remind guests that the facility will be closing
<input type="checkbox"/> <u>At closing:</u> <ul style="list-style-type: none"> • Do a walk-through of the facility and ensure no guests remain inside • Lock doors to the facility • Ensure facility is set up according to set floorplans
<input type="checkbox"/> Replenish equipment : Sign-in sheets, Clipboards , Pens, Hand sanitizer and Water bottles
<input type="checkbox"/> Ensure signage on screening, public health and facility capacity is still clearly visible
<input type="checkbox"/> Arrange for cleaning of all Cooling Centre areas
Communications
<input type="checkbox"/> Promptly update RFR EP and Corporate Communications of any changing or emerging information deemed important for the public.

DEMOBILIZATION OF EMERGENCY COOLING CENTRE & AIR QUALITY SHELTER

Demobilization Activities
<input type="checkbox"/> Receive notification from Emergency Programs to initiate demobilization.
<input type="checkbox"/> Brief staff on closure time and required demobilization tasks
<input type="checkbox"/> Inform patrons that the Cooling Centre will be closed effective (time and date)
<input type="checkbox"/> Inform Corporate Communications to assist with the dissemination of information via social media channels and Corporate Webpages
<input type="checkbox"/> Remove and store signage. <i>Signage may be used again for future Cooling Centre activations.</i>
<input type="checkbox"/> Pack and Restock the following: <ul style="list-style-type: none"> • Masks • Gloves • Hand sanitizer • Pens/pencils • Bottled water
<input type="checkbox"/> Coordinate site cleaning as required
<input type="checkbox"/> At time of closing, do a walk-through of the facility <ul style="list-style-type: none"> • Ensure no guests remain inside Lock doors to the facility
<input type="checkbox"/> Return facility back to its previous arrangement (before it was set up as a Cooling Centre)
After all Cooling Centre staff leave, secure the facility: <ul style="list-style-type: none"> • Turn off key functions (e.g. lights, A/C) • Make notes of equipment that needs to be replenished, fixed, or requires attention • Ensure no guests or staff remain inside Set alarm system & lock doors from the outside
<input type="checkbox"/> Inform Corporate Communications to assist with the dissemination of information via social media channels and Corporate Webpages <ul style="list-style-type: none"> <input type="checkbox"/> Corporate Communications to provide Frequently Asked Questioned (FAQ's), key messages and speaking points for Emergency Cooling Centre staff and Reception.

APPENDIX 4

COOLING CENTRE / AIR QUALITY SHELTER STAKEHOLDERS LIST			
Organization	Contact Name	Contact Info	Client groups
Chimo Community Services	Tabitha Geraghty, Executive Director	TGeraghty@chimoservices.com	Low-income individuals and families
Salvation Army	Kathie Chiu, Executive Director for the Salvation Army Richmond	Kathie.chiu@salvationarmy.ca	Individuals experiencing homelessness
Kiwanis Senior Citizens Housing Society	Pius Chan, Immediate Past President/Director	Piuschan@hotmail.com	Seniors
Minoru Seniors Centre	Kathleen Holmes, President	Khkathleenholmes@gmail.com	Seniors
City of Richmond	Aliez Kay-Kuzik, Seniors Wellness Coordinator	AKay@richmond.ca	Seniors
Pathways Clubhouse Society of Richmond	Dave MacDonald, Executive Director	Dave.macdonald@pathwaysclubhouse.com	Individuals with mental health challenges
RainCity Housing	Adina Edwards, Alderbridge Modular Housing Manager	Aedwards@raincityhousing.org	Individuals experiencing homelessness
Richmond Centre for Disability	Ella Huang, Executive Director	Ella@rcdrichmond.org	Individuals with disabilities
Richmond Public Library	Susan Walters, Chief Librarian	Susan.Walters@yourlibrary.ca	General public, seniors, newcomers, individuals experiencing homelessness
Richmond Olympic Oval	Andrew Clark, Manager, Oval Experiences	Aclark@richmondoval.ca	General public, seniors, newcomers, individuals experiencing homelessness
Richmond Society for Community Living	Melissa Irving, Director of Supported Living	Mirving@rscl.org	Individuals with disabilities
City of Richmond	Suzanne Bycraft, Interim Director Public Works	SBycraft@richmond.ca	Public Water Fountains / Misting Devices Stakeholders
City of Richmond	Bryan Shepherd, Manager Waterworks	BShepherd@richmond.ca	Public Water Fountains / Misting Devices
City of Richmond	Todd Gross, Director Parks Services	TGross@richmond.ca	Parks/Spray Parks Outdoor Shelters
SUCCESS	Queenie Choo, CEO	Queenie.choo@success.bc.ca	Newcomers, seniors
Turning Point Recovery Society	Brenda Plant, Executive Director	Bplant@turningpointrecovery.com	Individuals experiencing homelessness + addictions
Vancouver Coastal Health	Jared Killick, Operations Manager	Jerod.killick@vch.ca	Individuals experiencing addictions + mental health challenges
City of Richmond	Scott Schroeder, Coordinator - Leisure Services	SSchroeder@richmond.ca	Internal staff
City of Richmond	Sue Varley, Coordinator - Leisure Services	SVarley@richmond.ca	Internal staff
City of Richmond	Steve Mahon, Coordinator - Leisure Services	SMahon@richmond.ca	Internal staff

COOLING CENTRE / AIR QUALITY SHELTER STAKEHOLDERS LIST			
Organization	Contact Name	Contact Info	Client groups
City of Richmond	Steve Baker, Coordinator - Leisure Services	SBaker@richmond.ca	Internal staff
City of Richmond	Cindy Eward, Coordinator - Leisure Services	CEward@richmond.ca	Internal staff
City of Richmond	Kirsten Close, Manager Community Recreation Services	KClose@richmond.ca	Internal staff
City of Richmond	Liesl Jauk, Manager Arts Services (Cultural Centre)	Ljauk@richmond.ca	Internal staff
City of Richmond	Stefanie Myler, Community Facilities Coordinator	SMyler@richmond.ca	Internal staff
City of Richmond	John Woolgar, Manager, Aquatic and Arena Services	JWoolgar@richmond.ca	Internal staff
City of Richmond	Dee Bowley-Cowan, Manager, Minoru Centre	DBowley@richmond.ca	Internal staff
City of Richmond	Clay Adams, Director, Corp Communication & Marketing	cadams@richmond.ca	Internal staff
City of Richmond	Elizabeth Ayers, Director, Recreation & Sport Services	eayers@richmond.ca	Internal staff
City of Richmond	Cody Spencer, Program Manager, Affordable Housing	cspencer@richmond.ca	Internal staff
City of Richmond	Valerie Watson, Program Lead, Homelessness	vwatson@richmond.ca	Internal staff
Homeless Services Assn. of BC	Chloe Good – Coordinator Homelessness Services Association of BC	Chloe.good@hsa-bc.ca	Metro Vancouver Homeless Director
City of Richmond	Marie Fenwick, Director of Arts, Culture & Heritage Services	MFenwick@richmond.ca	General public, seniors, newcomers, individuals experiencing homelessness

APPENDIX 5

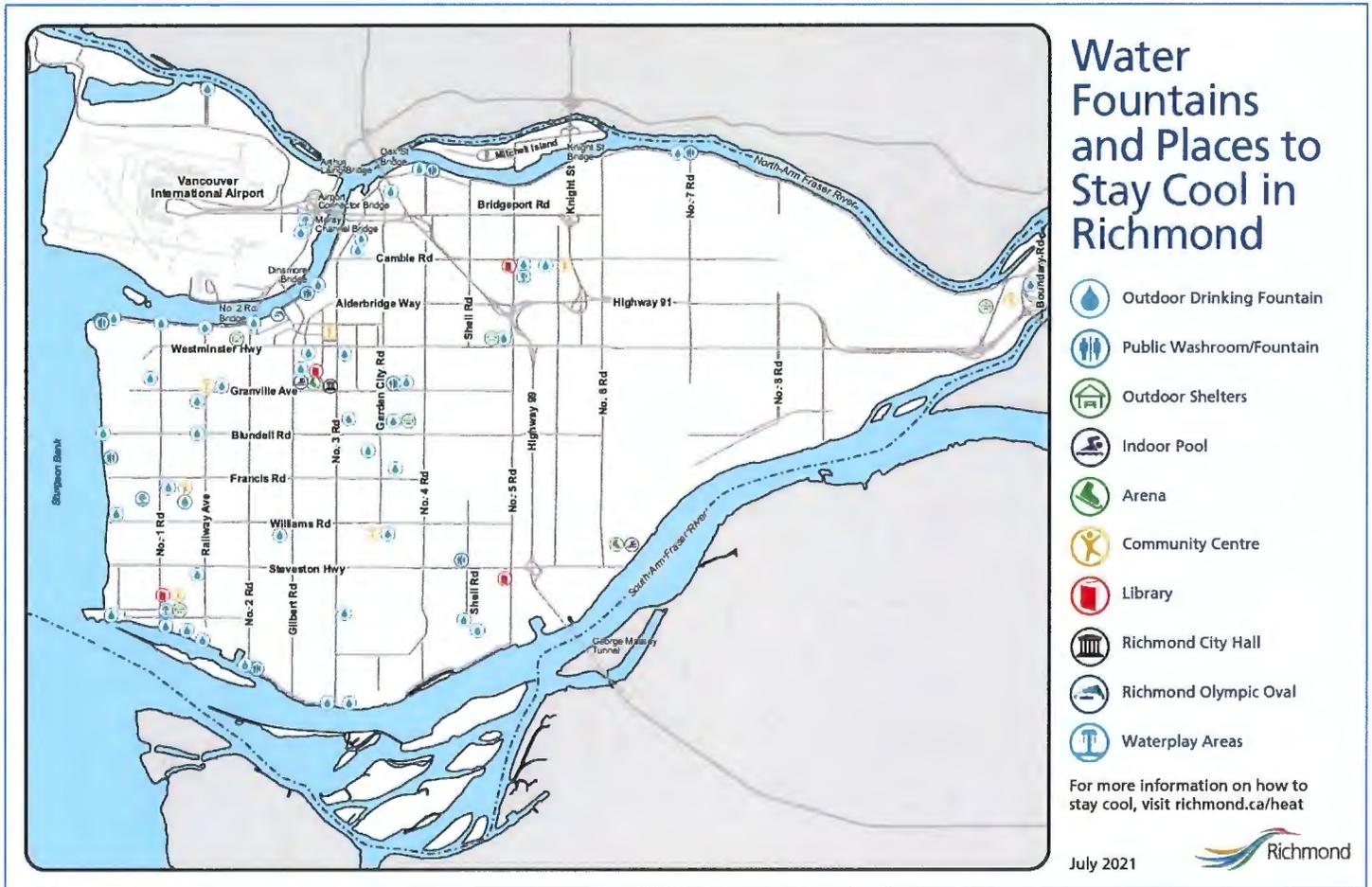
COOLING CENTRE / AIR QUALITY SHELTER EQUIPMENT LIST

List of minimum required equipment and furniture for an Emergency Cooling Centre.

Equipment	
Item	Notes
1 Cooling Centre sign	
8 Laminated arrows & 4 signs	
1 roll Electrical tape	<i>Durable and visible for floor markings</i>
1 roll Tape	<i>For mounting signage</i>
5 Binder clips	
1 set Position Descriptions	
1 Dry erase marker	
2 Pen cups	<i>One labeled "used" for used pens</i>
1 set Educational Materials (Multiple Languages)	<i>More languages available in Operational Guide</i>
1 set Signage (Multiple languages)	<i>More languages available in Operational Guide</i>
12 Sign-in sheets	<i>To print more copies, see Operational Guide</i>
1 laminated privacy sheet	<i>For use with sign-in sheet</i>
4 File folders	<i>For storing completed sign-in sheets</i>
1 clicker	<i>For counting number of guests</i>
1 clear tote and lid	
312 bottles Water	<i>Initial supply</i>
20 pairs of Eye Protection	<i>Initial supply</i>
200 Nitrile Gloves	<i>Initial supply</i>
200 Masks	<i>Initial supply</i>
10 Hand sanitizer bottles	<i>Initial supply</i>
300 Pens	
Furniture (to be provided by the site)	
<ul style="list-style-type: none"> • 2 tables and chairs for entrance(s)/screening • Chairs for patrons to rest (hard furniture vs. upholstered recommended) • Chairs and tables for the staff area • Table for hand sanitizer, bottled water, snacks and educational materials in main cooling room • Dedicated cabinet space or box in a secure room for storing sign-in sheets 	

APPENDIX 6

DRINKING FOUNTAIN & SPRAY PARK MAP



DRINKING FOUNTAIN & SPRAY PARK MAP ADDRESSES



Freestanding Fountains

- Gary Point (Just past parking lot) (12011 7th Ave.)
- 3rd Ave. & Moncton St.
- Bayview St. & 2nd Ave.
- Bayview St. & No 1 Rd Boardwalk
- Bayview St. & English Ave.
- Phoenix Pond at Imperial Landing
- Britannia Shipyards (5180 Westwater Dr.)
- Williams Rd—West Dyke (3128 Williams Rd.)
- Terra Nova South Park (6800 Barnard Dr.)
- River Rd. & No 1 Rd.
- Thompson Community Centre (skatepark) (6911 Lynas Lane)
- Railway Granville Bike Park (7011 McCallan Rd.)
- Railway Greenway (4840 Blundell Rd.)
- Railway Greenway—Branscombe House (4900 Steveston Hwy.)
- Hugh Boyd Park (artificial turf fields) (9200 No. 1 Rd.)
- Public Works Yard (5599 Lynas Lane)
- Burkeville Park (1060 Catalina Cres.)
- Minoru Bowling Green
- Minoru Park Waterfall
- Minoru Grandstands (7700 Minoru Gate)
- Latrace Field (centre of Minoru Park)
- No. 3 Rd. Pier (13871 No. 3 Rd.)
- Dyke Trail Dog Park (Dyke Rd. & No. 3 Rd.)
- South Arm Dog Park (9206 South Arm Place)
- General Currie School Park (8191 Jones Rd.)
- Garden City Dog Park (9371 Granville Ave.)
- Lang Park (8211 Saba Rd.)
- Bridgeport Trail (9100 Van Horne Way)
- Shell Rd. Trail (south end) (12151 Shell Rd)
- King George Park gazebo (12180 Cambie Rd.)
- McNeely School basketball court (12440 McNeely Dr.)
- Hamilton Off Leash Dog Park (4500 Thompson Rd.)
- Aberdeen Park—North end in Dog Park (8331 Cambie Rd.)
- Aberdeen Park—Middle of park (8331 Cambie Rd.)



Washroom Fountains

- Capstan Park (north and south) (3311 Carscallen Rd.)
- No. 2 Rd. North Pump Station (6451 River Rd.)
- Olympic Oval—Beach volleyball area (6911 River Rd.)
- Terra Nova North (2351 River Rd.)
- Blundell—West Dyke (West Dyke Trail)
- UBC Boathouse (7411 River Rd.)
- London Landing (6140 Dyke Rd.)
- Thomas Kidd School field (10951 Shell Rd.)
- No. 7 Rd. Pier (15911 River Rd.)
- Nature Park West (11851 Westminster Hwy.)
- No. 4 Rd. & River Rd—North Dyke
- King George Park (12180 Cambie Rd.)
- Garden City Park (9280 Alberta Rd.)
- Minoru Centre for Active Living (building exterior)



Waterplay Areas

- Burkeville Park (1060 Catalina Cres.)
- Dixon Park (9331 Diamond Road)
- King George Community Park (12180 Cambie Rd.)
- Steveston Community Park (4111 Moncton St.)



Outdoor Shelters

- Steveston Park (4111 Moncton St.) temporary / pop-up
- Dover Park (5580 Lynas Lane) temporary / pop-up
- Paulik Park (7620 Heather St.) temporary / pop-up
- McLean Park (22500 McLean Ave.) temporary / pop-up
- Richmond Nature Park (11851 Westminster Hwy.)



Indoor Pools

- Please note: due to the COVID-19 pandemic, access to indoor amenities are not available without an appointment.
- Minoru Centre for Active Living (7560 Minoru Gate)
 - Watermania (14300 Entertainment Blvd.)



Arenas

- Please note: due to the COVID-19 pandemic, access to indoor amenities are not available without an appointment.
- Minoru Arenas (7551 Minoru Gate)
 - Richmond Ice Centre (14140 Triangle Rd.)



Community Centres

- Please note: due to the COVID-19 pandemic, access to indoor amenities are not available without an appointment.
- Cambie (12800 Cambie Rd.)
 - City Centre (5900 Minoru Blvd.)
 - Hamilton (5140 Smith Dr.)
 - South Arm (8880 Williams Rd.)
 - Steveston (4111 Moncton St.)
 - Thompson (5151 Granville Ave.)
 - West Richmond (9180 No. 1 Rd.)



Libraries

- Brighthouse (7700 Minoru Gate)
- Cambie (11590 Cambie Rd.)
- Ironwood (11688 Steveston Hwy.)
- Steveston (4111 Moncton St.)



Richmond City Hall

- Please note: due to the COVID-19 pandemic, access to indoor amenities are not available.
- 6911 No. 3 Rd.



Richmond Olympic Oval

- Please note: due to the COVID-19 pandemic, access to indoor amenities are not available without an appointment.
- 6111 River Rd.



City of Richmond

Report to Committee

To: Community Safety Committee

Date: September 13, 2021

From: Tim Wilkinson
Fire Chief

File: 99-Fire Rescue/2021-
Vol 01

Re: Richmond Fire-Rescue Monthly Activity Report – August 2021

Staff Recommendation

That the staff report titled “Richmond Fire-Rescue Monthly Activity Report – August 2021”, dated September 13, 2021, from the Fire Chief, be received for information.

Tim Wilkinson
Fire Chief
(604-303-2701)

Att. 1

REPORT CONCURRENCE	
CONCURRENCE OF GENERAL MANAGER	
SENIOR STAFF REPORT REVIEW	INITIALS:
APPROVED BY CAO	

Staff Report

Origin

This report supports Council's Strategic Plan 2018-2022 Strategy #1 A Safe and Resilient City:

Enhance and protect the safety and well-being of Richmond.

Analysis

Emergency Programs

Notable items from Emergency Programs (EP) for August 2021 are as follows:

- EP staff led a collaborative team, consisting of Corporate Communications & Marketing, Community Services, Public Works, Richmond Public Library, and Community Social Development, to create and action the Hot Weather/Poor Air Quality Centre Operational Guide and manage Emergency Cooling Centres for the community.
- City facilities were activated as Emergency Cooling Centres during the summer heat wave events including: Cambie Community Centre, South Arm Community Centre, all four Richmond Public Libraries, Richmond Brighthouse Cultural Centre and the Minoru Centre for Active Living. Staff continue to work with the Province on reimbursement for the supplementary time and resources operating the Emergency Cooling Centres.
- EP staff continue to provide Emergency Support Services to the Emergency Support Services Regional Wildfire Operations & Emergency Management B.C. (EMBC) – Provincial Regional Emergency Operations Centre (PREOC) one day every week. Staff supported evacuee management from several wildfire events in the interior of the Province during the deployments at the PREOC.
- EP staff drafted a support plan for the Mass Care and Evacuee Support in the event more evacuees were displaced into the lower mainland as a result of ongoing wildfire events. Staff collaborated with City Community Services, School District 38 and B.C. Housing to create a temporary lodging plan in the event evacuees needed lodging within the City.

Vaccinations

During August, staff continue to attend appointments for their immunizations.

Training and Public Education

Fire Training staff facilitated multiple training activities during August 2021 including: Technical High-rise and Rope Rescue, Confined Space, Technical Water Rescue and Defensive Driver Training.

During August 2021, public education events remained on hold. Fire staff continued to create and post educational videos on the RFR Facebook and website pages.

Recruitment

During August 2021, interviews were ongoing for a number of important positions within Fire-Rescue and Emergency Programs. Fire Training staff prepared for the arrival of the next round of probationary recruits.

Emergency Response

Richmond Fire-Rescue staff continue to support incidences emanating from Health Orders issued by the Province to combat the COVID-19 pandemic as well as provide regular services to the community.

Richmond Fire-Rescue's goal is to respond to incidents in a manner where loss of life, reduction of property damage and protection of the environment is mitigated. In August 2021, there were a total of 898 incidents, representing a 108 per cent increase in incidences from August 2020 (Attachment 1).

Richmond Fire-Rescue is experiencing increases in medical responses due to the changes of the Provincial Health Orders and Medical Health Officer's direction. The increase in August 2021 is a result of the gradual return to normal levels of service of medical event types and responses to medical calls for hot weather responses. RFR continues to monitor all activities to identify and create programs to respond to emerging trends.

The average time on scene for RFR crews was 44 minutes, which was higher than the 36 minutes recorded in 2020. Time on scene can vary due to the nature and severity of each incident.

	Totals (2021)	Percentage Change from August 2020	Number Change from August 2020	5 Year Average for August
Alarm Active No Fire	122	-13	-19	133
Explosion	0	0	0	0
Fire	45	-6	-3	59
Haz-Mat	9	+80	+4	11
Medical	461	+549	+390	326
MVI	83	+66	+33	80
Public Hazard	9	+50	+3	12
Public Service	114	+56	+41	76
Response Cancelled/Unfounded	50	+43	+15	72
Specialized Transport	5	+67	+2	5
Tech Rescue	0	0	0	0
Totals	898	+108	+466	773

In August 2021, there were 45 reportable fires to the Office of the Fire Commissioner, representing a six per cent decrease from August 2020. The average figure for fires reported in August over the last five years is 59.

Richmond Fire-Rescue's emergency fire response goal is to contain the fire to the room of origin. The room of origin standard is especially important in terms of fire loss, which increases significantly once the fire leaves the room of origin.

Fire damage and property losses during August 2021 are estimated at \$369,700. This total includes \$233,500 for building/asset loss and \$136,200 for content loss. The total building/asset and content value at risk was estimated to be \$3,671,200 and the total value preserved from damage was \$3,301,500. These numbers translate to 90 per cent of value protected (Table 2); this is lower than the value observed in 2020.

Incident Type Breakdown	Incident Volume	Estimated Building/Asset Value (\$)	Estimated Building/Asset Loss (\$)	Estimated Content Value (\$)	Estimated Content Loss (\$)	Estimated Total Value Preserved (\$)
Residential: Single family	5	2,216,500	180,000	563,000	131,000	2,468,500
Multi family	5	833,000	-	200	200	833,000
Commercial/Industrial	0	-	-	-	-	-
Outdoor	32	12,000	12,000	5,000	5,000	-
Vehicle/Vessel	3	41,500	41,500	-	-	-
Totals*	45	3,103,000	233,500	568,200	136,200	3,301,500

* The dollar losses shown in this table are preliminary estimates. They are derived from RFR's record management system and are subject to change due to delays in reporting and confirmation of actual losses from private insurance agencies (as available).

Significant Events

During August the Province of BC Wild Fire Service requested a fire engine with a crew to be deployed to assist with the wild firefighting efforts in the interior. The deployed crews were then assigned multiple suppression duties. No injuries were reported for any of the deployed staff.

Fire crews minimized harm and limited fires to the place of origin in these notable August 2021 incidents:

- **August 3, 2021 – Wildland fire on No. 5 Road.** Multiple crews responded to a wildland fire on No. 5 Road, which was quickly extinguished by fire crews. RFR crews carried out a search of the surrounding area to check for hotspots and to see if there were any suspicious persons around; none were found. A Fire Investigator attended the scene to collect information to assist in the cause and origin investigation. There were no injuries reported.
- **August 7, 2021 – Death on Cambie Road.** RFR crews responded to reports of a body lying in a ditch with a vehicle was found nearby. RFR crews surveyed the area and assisted the RCMP with their investigation set up. The person was confirmed as being deceased by on scene BC Emergency Health Services staff. The scene was taken over by the RCMP for further investigation.

- **August 8, 2021 – Kitchen fire on Snowdon Avenue.** RFR crews responded for a structure fire. Arriving crews made a quick attack on a kitchen fire with extension into the ceiling directly above. The fire was quickly extinguished and crews performed an overhaul to mitigate the ceiling fire extension. Ventilation was set up to reduce the smoke in the room of origin. The homeowner received burns to their forearms and BC Emergency Health Services crews provided treatment and transported them to Richmond Hospital for further care. A Fire Investigator attended the scene.
- **August 28, 2021 – Residential fire on Anahim Drive.** RFR crews responded to a two storey single-family residence. Arriving crews attacked and quickly extinguished the structure fire and then carried out overhaul and checked for extension. There were no injuries to residents or crews reported. Attempts were made to revive a family pet (cat), which was unsuccessful. A Fire Investigator attended the scene.
- **August 30, 2021 – Residential fire on Cullen Crescent.** RFR crews arrived on scene to a residential structure fire. Upon arrival crew found a vented fire on the first floor and quickly acted to extinguish it. One resident suffered smoke inhalation and was provided treatment by BC Emergency Health Services crews. Ventilation was set up on the first floor of the premises. No other injuries were reported. A Fire Investigator attended the scene.

Financial Impact

None.

Conclusion

During August 2021, Richmond Fire-Rescue crews continued to experience increases to incident volumes that are a return to volumes experienced in years prior to the COVID-19 pandemic. RFR staff remain ready to react and adapt to the ever changing pandemic situation.



Tim Wilkinson
Fire Chief
(604-303-2701)

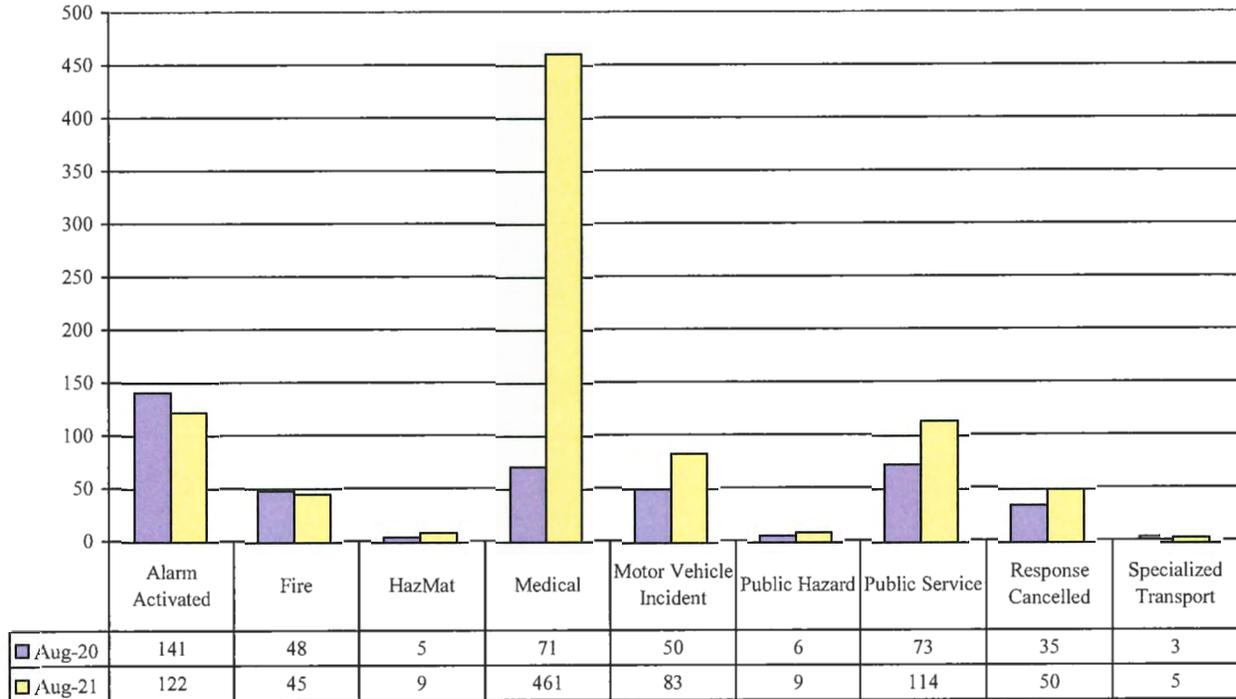
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Att. 1: Suppression Activity, including location of August's Fire, Medical and MVI's

Incident Volumes

The following chart provides a month to month comparison regarding incidents occurring in August 2021 and 2020. In August 2021, there were a total of 898 incidents, compared to 432 in August 2020. This represents an increase of 108 per cent.

Table 3: August 2020 & August 2021



Incident Type Legend:
HazMat: includes fuel or vapour; spills, leaks, or containment
Medical includes: cardiac arrest, emergency response, home or industrial accidents
Public Hazard includes: aircraft emergency, bomb removal standby, object removal, or power lines down
Public Service includes: assisting public, ambulance or police, locked in/out, special events, trapped in elevator, water removal

First Responder Totals

Medical first responder incidents comprised 51 per cent of the total emergency responses for RFR during the month of August 2021. A detailed breakdown of the medical incidents for August 2020 and 2021 is set out in the following table by sub-type. There were a total of 461 medical incidents in August 2021 compared to 71 in August 2020, an increase of 549 per cent. RFR are continuing to see incident numbers returning to normal levels due to gradual changes in the Provincial Medical Health Officer orders in response to the pandemic.

Table 4a: August 2020 & August 2021 Medical Calls by Type

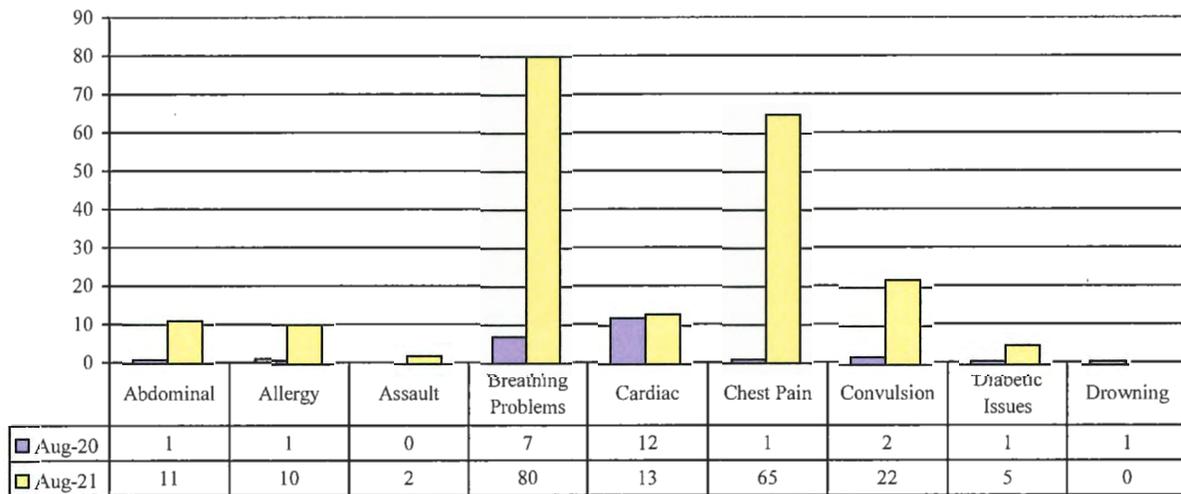
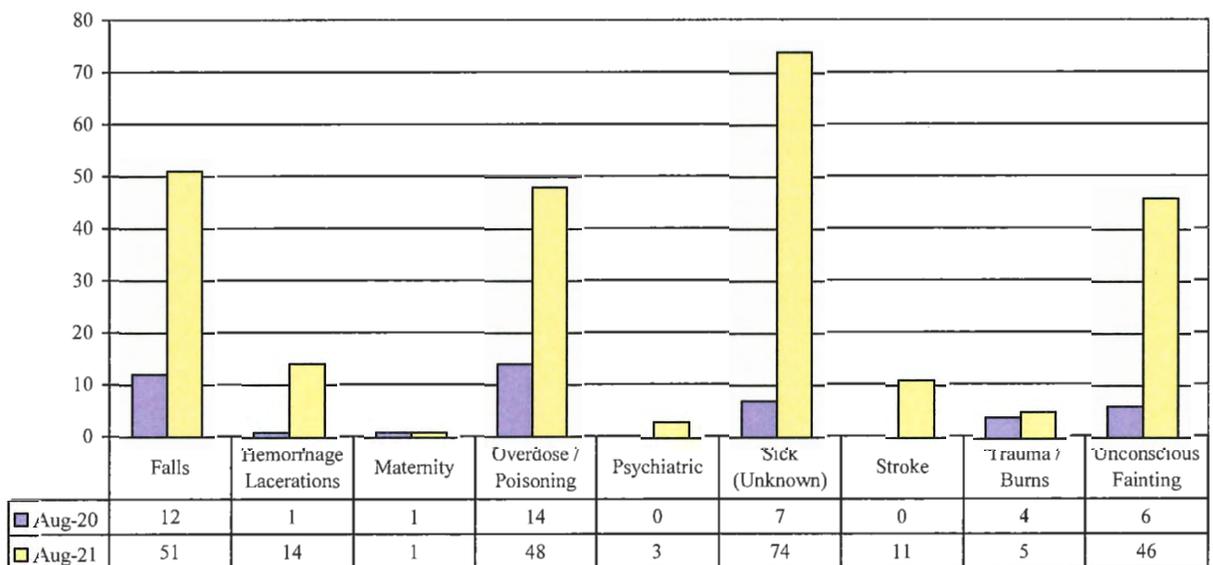


Table 4b: August 2020 & August 2021 Medical Calls by Type



Fire Investigations

The fire investigation statistics for August 2021 are listed below:

Table 5: Total Fire Investigation Statistics – August 2021			
	Suspicious	Accidental	Undetermined
Residential - Single-family	-	3	2
Residential - Multi-family	-	5	-
Commercial/Industrial	-	-	-
Outdoor	3	26	3
Vehicle	1	2	-
Totals	4	36	5

Richmond Fire-Rescue investigators report all suspicious fires to the RCMP, while working alongside RCMP staff to address potential risks to the community.

Hazardous Materials

Table 6: Hazardous Materials Incidents By Type – August 2021	
	Details
Flammable / Combustible Liquids	3
Natural Gas / Propane Leaks (small)	4
Standby / Support for other Agency	1
Unclassified	1
Totals	9

Figure 1: Location of reportable fires attended in August 2021 (total 45)

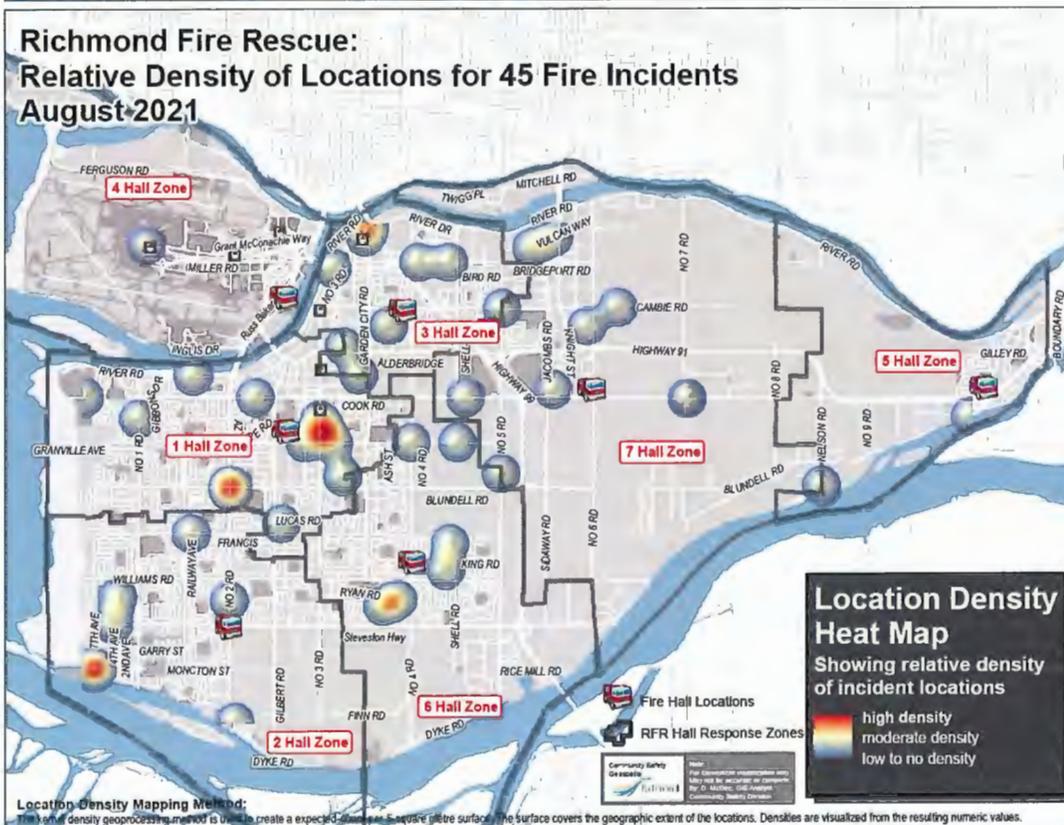
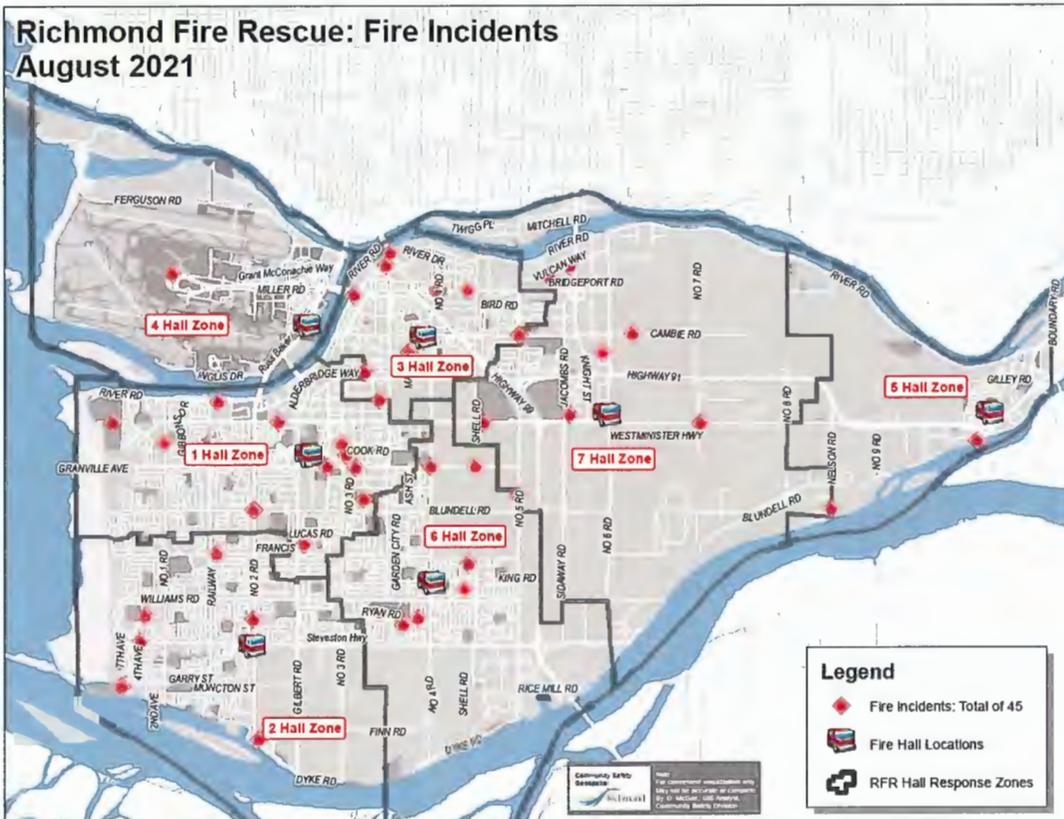
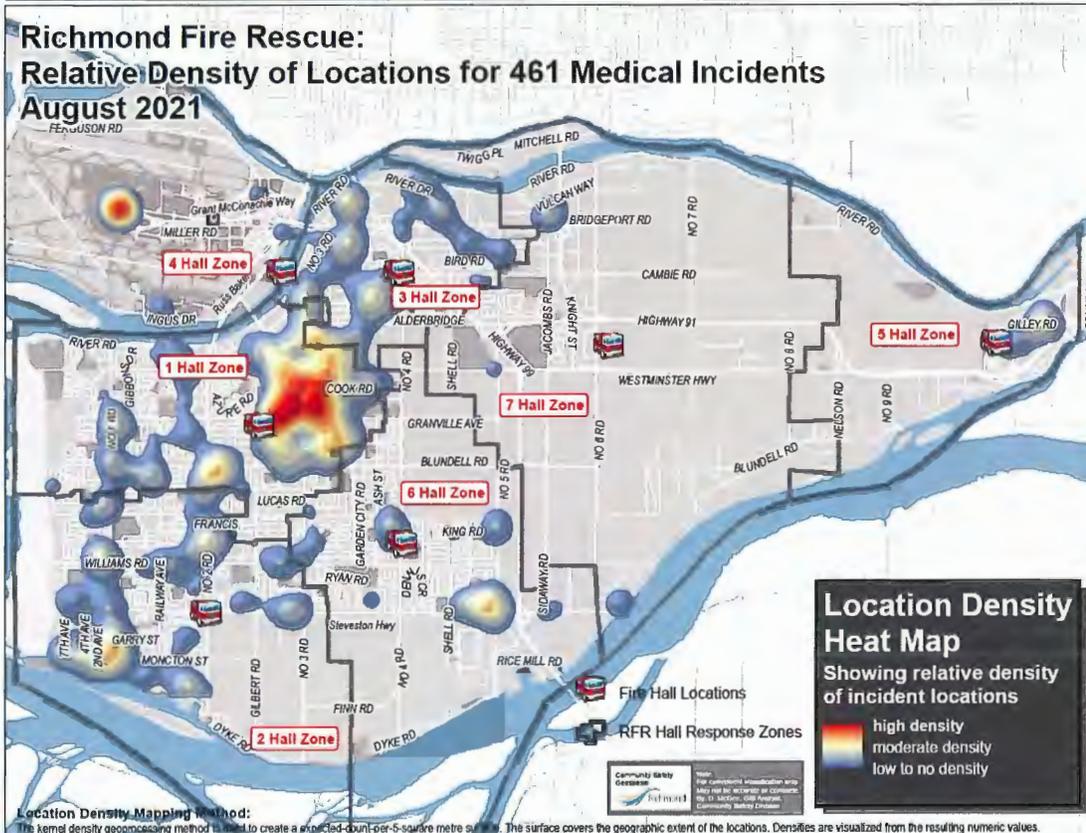
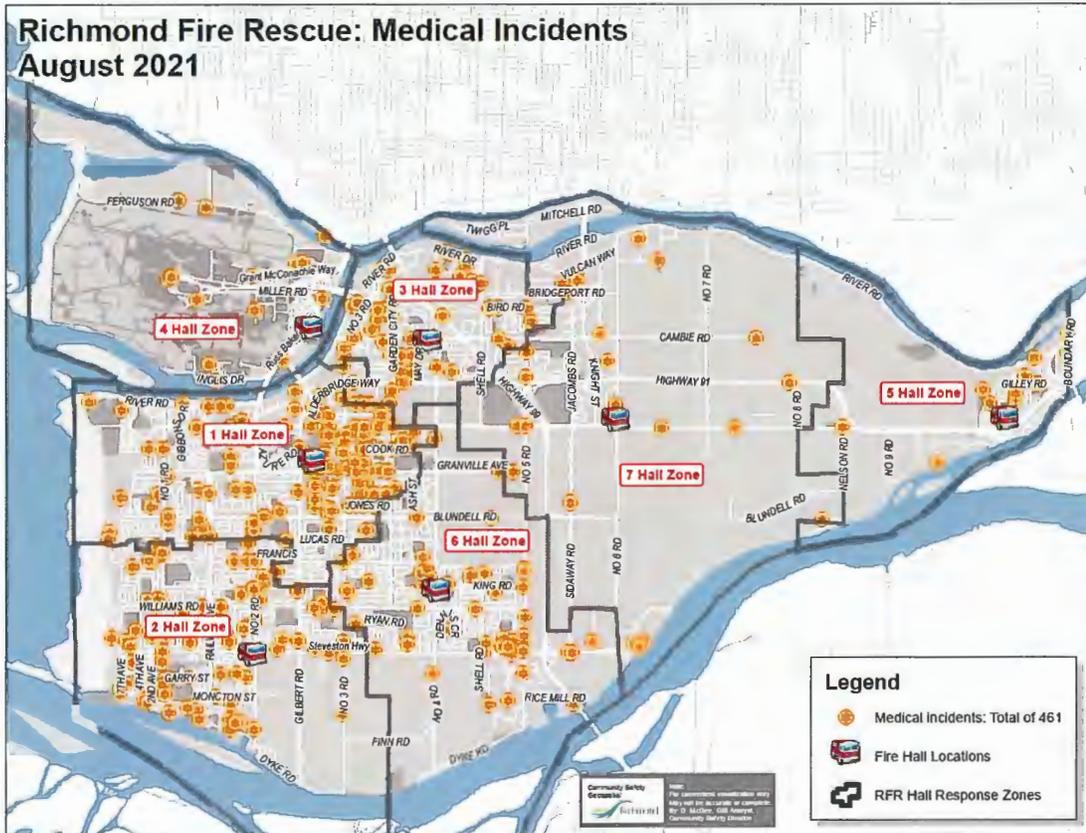
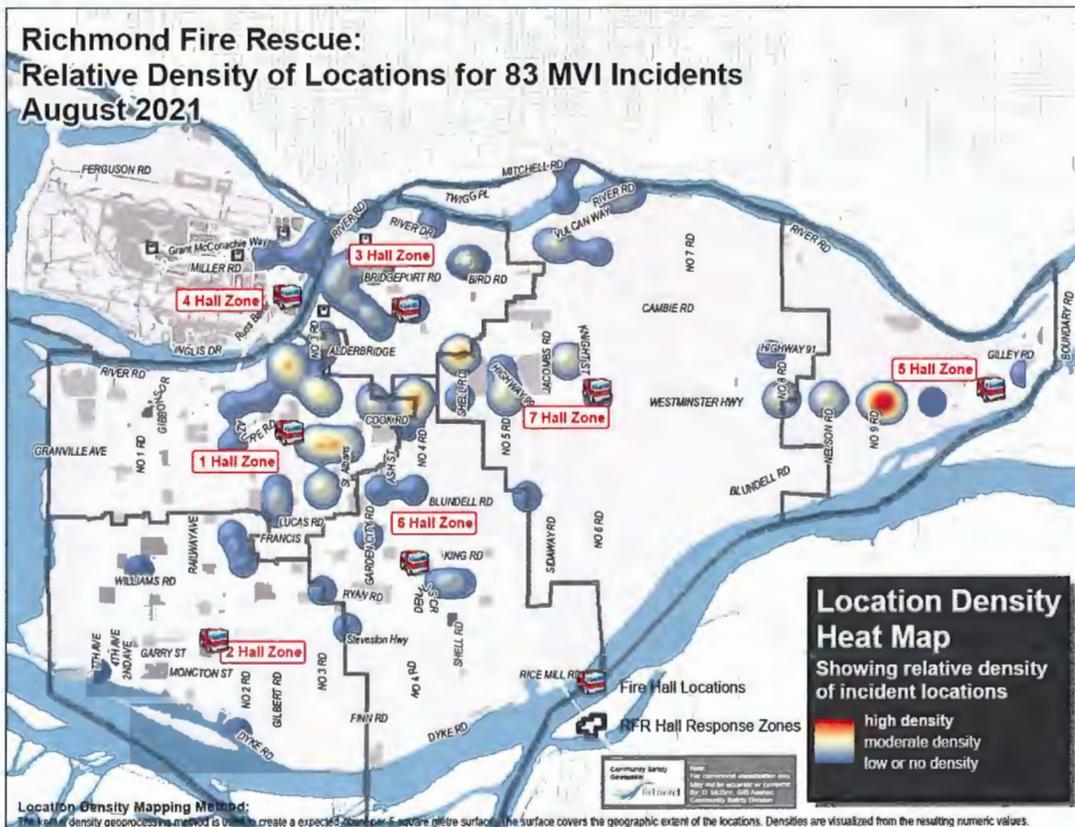
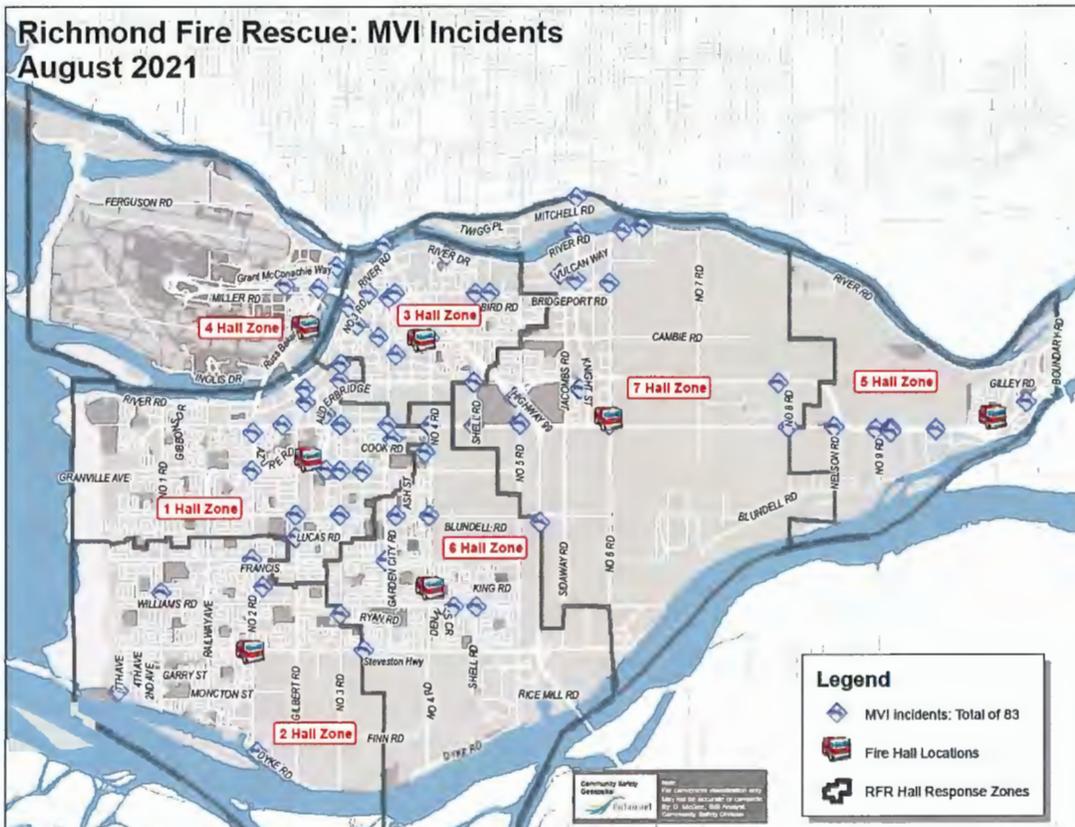


Figure 2: Location of medical incidents in August 2021 (total 461)



6739880

Figure 3: Location of MVI Incidents in August 2021 (total 83)





City of Richmond

Report to Committee

To: Community Safety Committee **Date:** September 15, 2021
From: Will Ng **File:** 09-5000-01/2021-Vol
Chief Superintendent, Officer in Charge 01
Re: RCMP Monthly Activity Report – August 2021

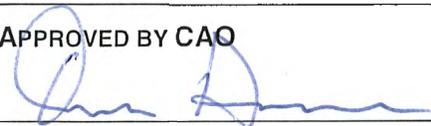
Staff Recommendation

That the staff report titled “RCMP Monthly Activity Report – August 2021”, dated September 15, 2021, from the Officer in Charge, Richmond RCMP Detachment, be received for information.



Will Ng
Chief Superintendent, Officer in Charge
(604-278-1212)

Att. 3

REPORT CONCURRENCE	
CONCURRENCE OF GENERAL MANAGER	
	
SENIOR STAFF REPORT REVIEW	INITIALS:
	
APPROVED BY CAO	
	

Staff Report

Origin

At the request of the Community Safety Committee, the Officer in Charge will keep Council informed on matters pertaining to policing in the Richmond community. This monthly activity report for the RCMP provides information on each of the following areas:

1. Activities and Noteworthy Files
2. Analysis of Police Statistics
3. Crime Trends Across Jurisdictions
4. Block Watch
5. Community Police Station Programs
6. Crime Prevention Unit
7. Road Safety Unit
8. Victim Services
9. Youth Section

This report supports Council's Strategic Plan 2018-2022 Strategy #1 A Safe and Resilient City:

Enhance and protect the safety and well-being of Richmond.

Analysis

Activities and Noteworthy Files

Pedestrian Motor Vehicle Accident

On August 5, 2021, Richmond RCMP officers responded to the intersection of Granville Avenue and No. 3 Road for a collision involving a pedestrian. The pedestrian sustained serious injuries after being struck by a vehicle and was transported to hospital for treatment. Police are investigating the driver for impaired operation of a motor vehicle.

Homicide

On August 7, 2021, Richmond RCMP officers responded to the area of Cambie Road and No. 8 Road for a report of an unresponsive male. Upon arrival, police determined the man was the victim of a homicide. The Integrated Homicide Investigation Team is investigating. The victim was known to police and investigators believe the incident was targeted.

Arrested Sex Offender

On August 12, 2021, Richmond RCMP officers were in the 15000 block of River Road when they observed a vehicle associated to a convicted sex offender. Police arrested the man for violating his conditions to not attend any public park. The offender has been charged with failing to comply with prohibitions regarding children.

Drug Lab

On August 18, 2021, the Richmond RCMP issued a media release advising that charges had been laid in connection with a drug lab discovered in Richmond on July 17, 2020. Police had responded to a residence in the 5000 block of Calder Court to assist Richmond Fire Rescue after a drug lab was discovered during a response to a structure fire. The suspect has been charged with three *Cannabis Act* offences.

Analysis of Police Statistics

Arson

In August 2021, there were three reported arsons, which is down two incidents from the previous month and down one incident August 2020. No patterns or trends have been identified. The number of arsons this month is within the expected range.

Assault Serious (Assault with a Weapon)

There were 10 assault serious events in August 2021, which is down 64 per cent from the previous month and down 33 per cent from August 2020. No patterns or trends have been identified. After two consecutive months of elevated numbers, the incidents of serious assaults notably decreased this month and are within the expected range.

Auto Theft

In August 2021, there were 21 incidents of auto theft, which is down 25 per cent from the previous month and up 11 per cent from August 2020. No patterns or trends have been identified. The number of auto thefts this month is within the expected range.

Drugs

In August 2021, there were 38 drug files, which is up 40 per cent from the previous month and up 12 per cent from August 2020. No patterns or trends have been identified. The number of drug incidents this month is within the expected range.

Mental Health

There were 135 mental health-related incidents in August 2021, which is down seven per cent from the previous month and down 11 per cent from August 2020. No patterns or trends have been identified. The number of mental health-related incidents this month is within the expected range.

There were 99 police apprehensions this month, which is a five per cent reduction from the previous month. The average hospital wait time remained unchanged at 106 minutes. The longer than average hospital wait time has been attributed to a small proportion of incidents which required police to remain in hospital for an extended period of time.

Residential Break and Enter

There were 22 break and enters to residences in August 2021, which represents a 21 per cent decrease from the previous month and is a 46 per cent decrease from August 2020. No patterns or trends have been identified. The number of residential break and enters this month is below the expected range.

Commercial Break and Enter

In August 2021, there were 37 break and enters to businesses, which represents a 23 per cent increase from the previous month and is a 10 per cent decrease from August 2020. No patterns or trends have been identified. The number of commercial break and enters this month is within the expected range.

Robbery

There were five robbery incidents in August 2021, which is down three incidents from the previous month and represents no change from August 2020. No patterns or trends have been identified. The number of robberies this month is within the expected range.

Sexual Offences

In August 2021, there were 16 sexual offence files, which is down 47 per cent from previous month and down 30 per cent from August 2020. No patterns or trends have been identified. The number of sexual offences this month is within the expected range.

Shoplifting

There were 61 reported shoplifting thefts in August 2021, which is a seven per cent increase from the previous month and represents no change from the number of shoplifting incidents reported in August 2020. No patterns or trends have been identified. The number of shoplifting thefts this month is within the expected range.

Theft from Automobile

There were 150 theft from automobile incidents in August 2021, which is up eight per cent from the previous month and down four per cent from August 2020. No patterns or trends have been identified. The number of thefts from automobiles this month is within the expected range.

Hate Crimes and Incidents

Table 1 presents the number of hate crimes and hate incidents reported between January 1, 2018 and August 31, 2021.¹ A “hate crime” refers to any criminal offence targeting an identifiable group. The criteria for an offence to be considered a hate crime as per the *Criminal Code* carries a higher threshold and usually involves one or more criminal offences. A “hate incident” may be

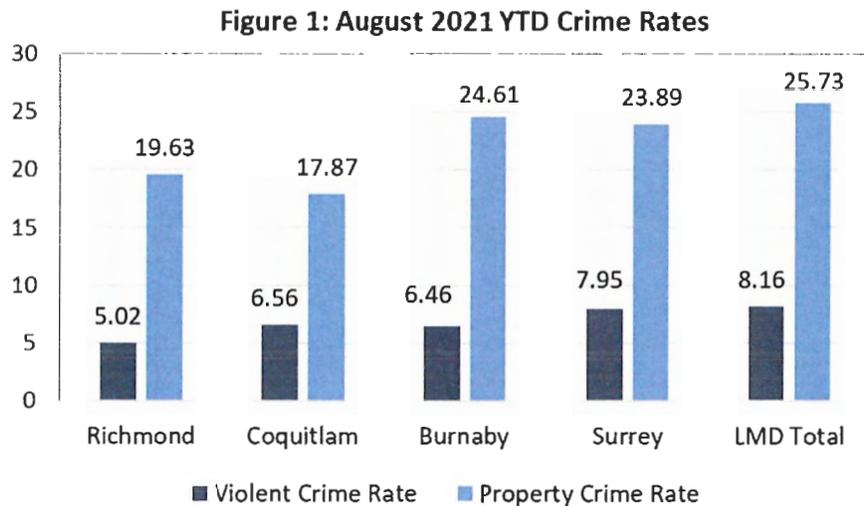
¹ The BC Hate Crimes Unit uses the terms hate-motivated crime and hate-motivated incident.

motivated by the same factors as a hate crime, but does not reach the threshold of being a criminal offence. The single incident reported this month was related to racist graffiti.

Table 1 – Hate Crimes and Hate Incidents			
Year	Hate Crime Files	Hate Incident Files	Total
2018	19	4	23
2019	11	9	20
2020	21	13	34
2021 YTD	18	23	41

Crime Trends Across Jurisdictions

Data on crime rates is presented in Figure 1.² In August 2021, out of the four largest municipalities policed by the RCMP in the Lower Mainland District (LMD), Richmond had the lowest violent crime rate and the second lowest property crime rate.



Block Watch

At the end of August 2021, the Block Watch program had 301 groups totaling 6,926 participants. Currently, the program includes 433 captains and co-captains.

² Crime rate is calculated per 1,000 people.

Community Police Station Programs

Community police stations enhance the Richmond RCMP Detachment's policing services by providing an array of crime prevention resources and community safety initiatives. Due to the COVID-19 pandemic, all three community police stations have been closed to the public since March 2020. Volunteer deployments resumed in June 2020, in accordance with the guidelines established by RCMP "E" Division's Crime Prevention Services; however, the scope of volunteer activities has been limited. City staff and volunteers continue to pursue safety initiatives to enhance crime prevention program awareness, community engagement and police accessibility.

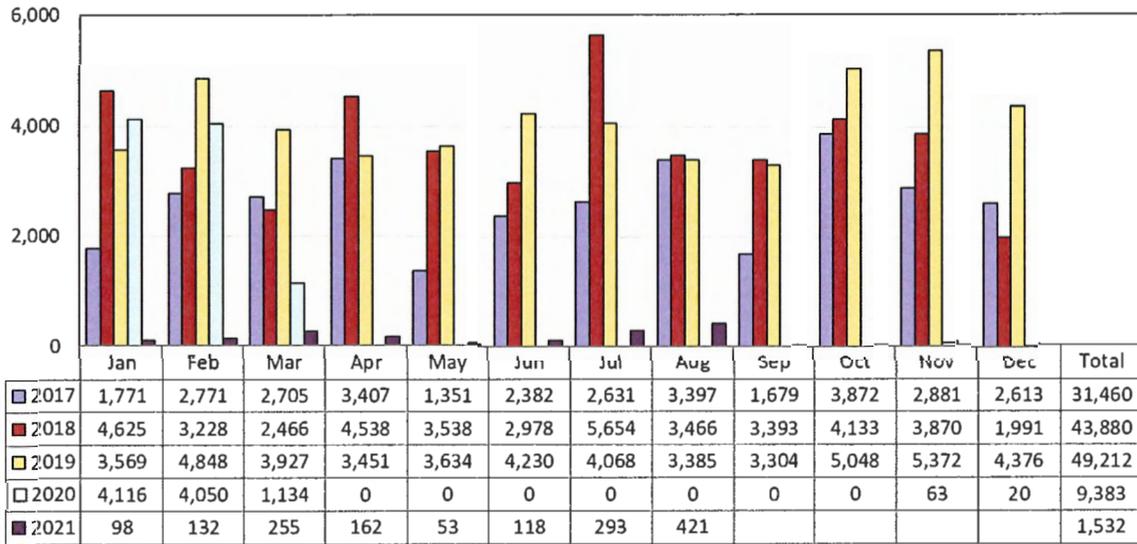
During the month of August volunteer highlights included:

- The deployment of three volunteer bike patrols, totalling 48 hours.
- 10 Lock Out Auto Crime deployments took place, which resulted in 421 information letters being distributed.
- Speed Watch was conducted on 1,113 vehicles at multiple locations and 132 information letters were issued.
- There were five Fail to Stop deployments during which 164 information letters were issued.
- August 10 – Volunteers conducted bike patrols near Ryan Road and identified two vehicles with expired insurance decals. Richmond Bylaws were contacted for follow up.
- August 13 – Volunteers assisted RCMP officers with a Speed Watch deployment near the City Centre Community Police Station. A total of 424 vehicles went through the deployment and five information letters were issued.
- August 20 and 25 – Volunteers assisted RCMP officers with Lock Out Auto Crime deployments at the Costco on Bridgeport Road and issued 123 information letters.
- August 23 and 31 – Volunteers assisted RCMP officers with Lock Out Auto Crime deployments at the River Rock Casino Resort and issued 63 information letters.
- August 28 – In collaboration with ICBC, RCMP officers and volunteers conducted Impaired Driving and Boating Safety Outreach at McDonald Beach Park. The joint enforcement and public education initiative promoted safety on roads and waterways. Police issued six violation notice warnings under *the Canada Shipping Act, Small Vessel Regulations* and denied one boater access to the boat launch due to suspected impairment.

Lock Out Auto Crime

Figure 2 provides a comparison by year of the number of vehicle notices issued.³

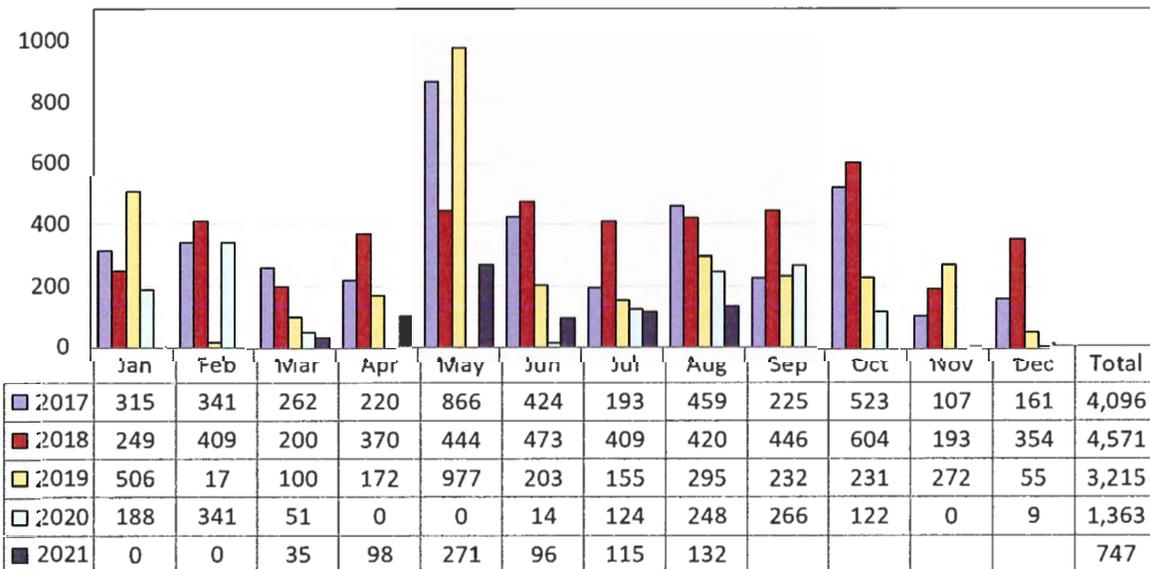
Figure 2: Lock Out Auto Crime Vehicles Issued a Notice



Speed Watch

Figure 3 provides a yearly comparison of the number of letters sent to registered vehicle owners.

Figure 3: Speed Watch Letters Sent



³ Beginning in November 2020, Lock Out Auto Crime letters were issued in place of notices.

Crime Prevention Unit

The Crime Prevention Unit reduces crime and enhances community engagement through public awareness and education initiatives. During the month of August, the Crime Prevention Unit participated in the following events/activities:

- Anti-Racism Outreach
- Community Outreach Patrols
- Impaired Driving/Boating Awareness
- Lock Out Auto Crime
- Richmond Maritime Festival
- Speed Watch

Road Safety Unit

The Road Safety Unit makes Richmond's roads safer through evidence-based traffic enforcement, investigation of serious vehicle collisions and public education programs. Table 2 compares statistics for August 2021 to both June 2021 and July 2021. Violation Tickets were issued for the following infractions:

Table 2: Violation Tickets Issued

Infraction	June 2021	July 2021	August 2021
Distracted Driving	108	133	155
Driver License	146	134	147
Impaired	42	42	42
Intersection Offences	24	39	38
Moving Infractions ⁴	62	97	155
Speeding	265	286	150
Seatbelts	18	14	15
Vehicle Related ⁵	56	59	62
Other ⁶	6	2	2
Total	727	806	766

Victim Services

In August 2021, Richmond RCMP Victim Services met with 89 new clients and attended five crime/trauma scenes after hours. Victim Services reduced in-person client services in March 2020 and began offering services by phone but continue to attend some of the more serious calls in person. The unit currently maintains an active caseload of 150 files. In August, Victim Services responded to a number of cases involving medical-related sudden deaths, mental health issues and frauds.

⁴ Moving infractions refers to unsafe lane change and unsafe passing.

⁵ Vehicle related refers to vehicle defects, for example no lights and no insurance.

⁶ Other refers to miscellaneous charges including fail to remain at the scene of an accident and failing to stop for police.

Youth Section

The Richmond RCMP Detachment's Youth Section focuses on strategies that contribute to safe and healthy behaviours essential to the development of productive and civic-minded adults. During the month of August, Youth Section highlights included:

- RCMP officers in the Youth Section conducted youth engagement visits at summer day camps, including at Cambie Community Centre. Police officers distributed stickers, discussed policing and played football with the attendees.
- Planning began for the delivery of DARE classes for the 2021-2022 school year.

Financial Impact

None.

Conclusion

In August 2021, the Richmond RCMP conducted a number of noteworthy investigations, including a collision involving a pedestrian and a homicide. Police statistics for this month indicate that most crime types were within the expected ranges, with the exception of residential break and enters, which were below the expected range.

In August, the Richmond RCMP Community Engagement Team and volunteers conducted road safety and crime prevention deployments, in addition to an enforcement and public education initiative targeting impaired driving and boating safety. The Officer in Charge of the Richmond RCMP Detachment will continue to ensure that Richmond remains a safe and desirable community.



Edward Warzel
Manager, RCMP Administration
(604-207-4767)

EW:

- Att. 1: Community Policing Programs
2: Crime Statistics
3: Crime Maps

Auxiliary Constables

- The primary mandate of Richmond's Auxiliary Constables is to support community policing activities related to public safety and crime prevention.
- For more information, visit www.richmond.ca/safety/police/prevention/auxiliary.htm

Block Watch

- Community-based crime prevention program aimed at helping neighbors organize themselves to prevent crime.
- Residents can receive email alerts of neighbourhood residential break and enters by registering their email addresses at: blockwatch@richmond.ca
- For more information, visit www.richmond.ca/safety/police/prevention/blockwatch.htm

Distracted Driving Program

- Trained volunteers monitor intersections and observe distracted drivers.
- A letter is sent to the registered owner of the offending vehicle with information on the safety risks associated to the observed behaviour and applicable fine amounts.
- For more information, visit www.richmond.ca/safety/police/prevention/programs.htm

Fail to Stop

- Trained volunteers monitor areas that have been referred to the program by local businesses or residents where drivers are not making a full stop at the stop sign, or running a red light.
- An information letter is sent to the registered owner of the vehicle advising them the date, time and location and applicable fine amounts if the driver received a violation ticket.

Lock Out Auto Crime

- Co-sponsored by the Insurance Corporation of BC (ICBC), volunteers patrol city streets and parking lots looking for automobile security vulnerabilities.
- Notices supplied by ICBC are issued to every vehicle inspected indicating to the owner what issues need to be addressed in order to keep the vehicle and contents secure.

- For more information, visit
- www.richmond.ca/safety/police/personal/vehicle.htm

Project 529

- This program allows riders to easily and securely register their bikes. This up-to-date database of bikes alerts its registrants if a fellow 529 bike is stolen.
- Project 529 is a unique, multi-national registry that holds a database of all registered and stolen bikes.

Speed Watch

- Co-sponsored by ICBC, promotes safe driving habits by alerting drivers of their speed.
- Trained volunteers are equipped with radar and a speed watch reader board that gives drivers instant feedback regarding their speed.
- Volunteers record the license plate number and the speed, and a letter is sent to the registered owner of the offending vehicle. The letter includes the date, time and location and applicable fine amounts if the driver received a violation ticket.

Stolen Auto Recovery

- Co-sponsored by ICBC, trained volunteers equipped with portable computers identify stolen vehicles.
- These volunteers recover hundreds of stolen vehicles each year throughout the Lower Mainland.

Volunteer Bike and Foot Patrol Program

- Trained volunteers patrol Richmond neighbourhoods reporting suspicious activities and providing a visible deterrent to crime and public order issues.

AUGUST 2021 STATISTICS

RICHMOND RCMP

This chart identifies the monthly totals for founded Criminal Code incidents, excluding traffic-related Criminal Code incidents. Based on Uniform Crime Reporting (UCR) scoring, there are three categories: (1) Violent Crime, (2) Property Crime, and (3) Other Criminal Code. Within each category, particular offence types are highlighted in this chart. In addition, monthly totals for Controlled Drugs and Substances Act (CDSA) incidents and MHA-related calls for service are included. Individual UCR codes are indicated below the specific crime type.

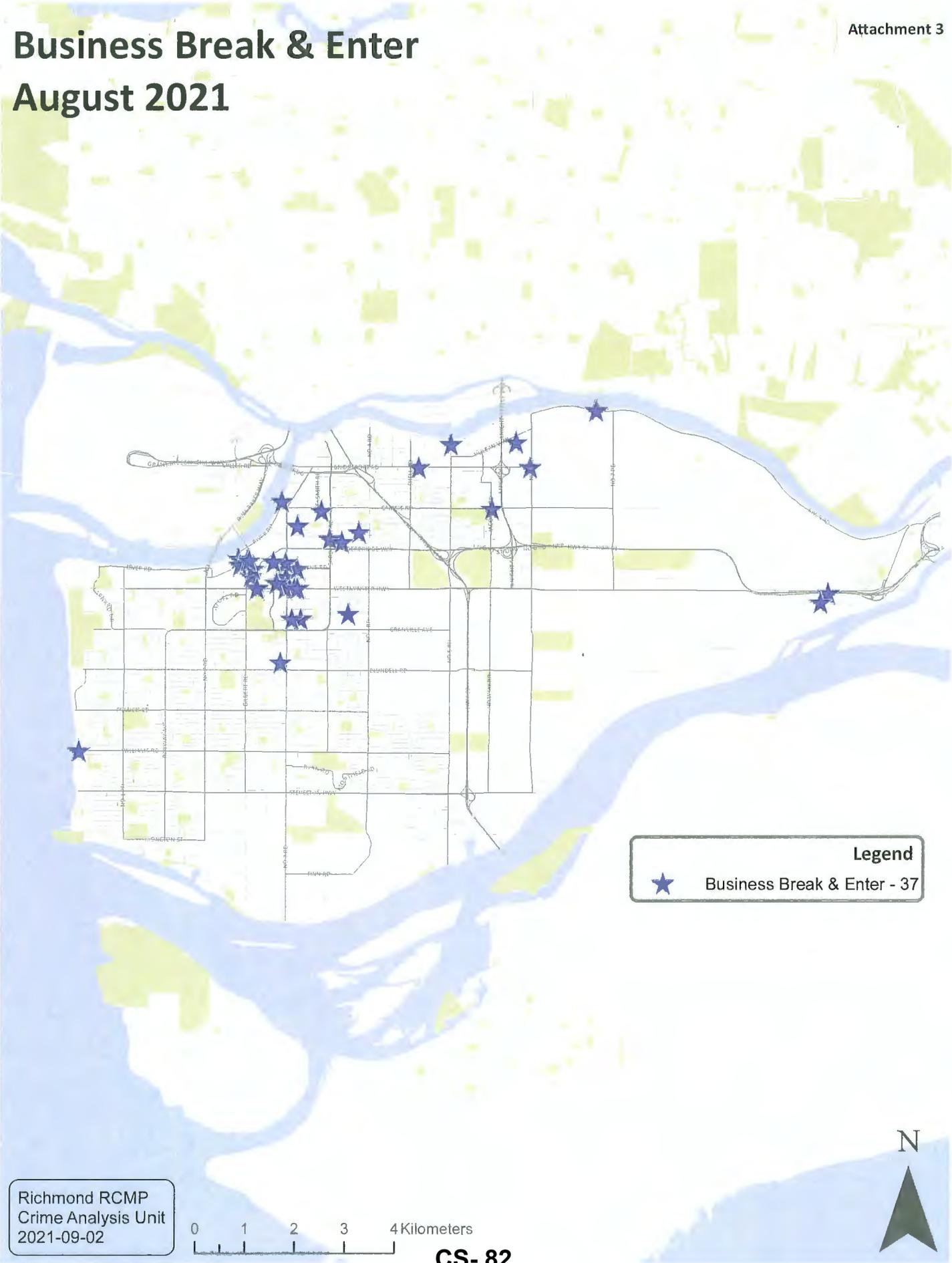
In 2019, changes were implemented regarding the collection of UCR data. The new standards provide much more stringent criteria to classify a file as unfounded. As a result, there will be an increase in many crime statistics, and clearance rates will conversely decline. This creates numerous challenges when comparing previous years' data. Full details on the Uniform Crime Reporting Survey are available at Statistics Canada: <https://www150.statcan.gc.ca/n1/pub/85-002-x/2018001/article/54973-eng.htm>. For more information, contact Richmond Crime Analysts.

The 5 year average range data is based on activity within a single month over the past 5 years. If the current monthly total for an offence is above the expected average range (using one standard deviation) due to crime trends, patterns, or spikes, it will be noted in **red**. If the current monthly total for an offence is above the expected average range due to primarily non-operational reasons such as the new UCR standards or other scoring issues, the total will be noted in **purple**. Below expected numbers will be noted in **blue**.

	Month	5-Yr Avg	5-Yr Range	Year to Date Totals			
	Aug-21	August		2020	2021	% Change	# Change
VIOLENT CRIME (UCR 1000-Series Offences)	123	136.6	118-155	1124	1166	4%	42
Robbery	5	6.2	4-8	35	38	9%	3
Assault Common	48	45.2	35-55	409	364	-11%	-45
Assault Serious	10	12.2	9-16	100	129	29%	29
Sexual Offences	16	15.4	10-21	134	163	22%	29
PROPERTY CRIME (UCR 2000-Series Offences)	556	651.8	631-673	4281	4270	0%	-11
Business B&E	37	33.6	29-38	261	220	-16%	-41
Residential B&E	22	46.8	37-57	267	224	-16%	-43
Auto Theft	21	26.8	19-35	161	167	4%	6
Theft from Auto	150	167.4	155-180	1090	1097	1%	7
Theft	58	94.8	72-118	492	448	-9%	-44
Shoplifting	61	70.4	56-84	403	483	20%	80
Fraud	69	69.6	59-80	570	586	3%	16
OTHER CRIMINAL CODE (UCR 3000-Series Offences)	287	219.2	200-238	1474	1972	34%	498
Arson <small>UCR 1028, 1110</small>	3	3.8	3-5	46	51	11%	5
SUBTOTAL CC OFFENCES (UCR 1000 to 3000 Series)	966	1007.6	981-1034	7023	7411	6%	388
DRUGS (UCR 4000-Series Offences)	38	57.2	44-71	474	294	-38%	-180
MHA RELATED CALLS (MHA files or Mental Health flag)	135	142.8	103-182	1319	1051	-20%	-268

Prepared by Richmond RCMP Crime Analysts. Data collected from PRIME on 2021-09-02. Published 2021-09-02. These data are operational and subject to change. This document is not to be copied, reproduced, used in whole or part or disseminated to any other person or agency without the consent of the originator(s).

Business Break & Enter August 2021



Legend
★ Business Break & Enter - 37

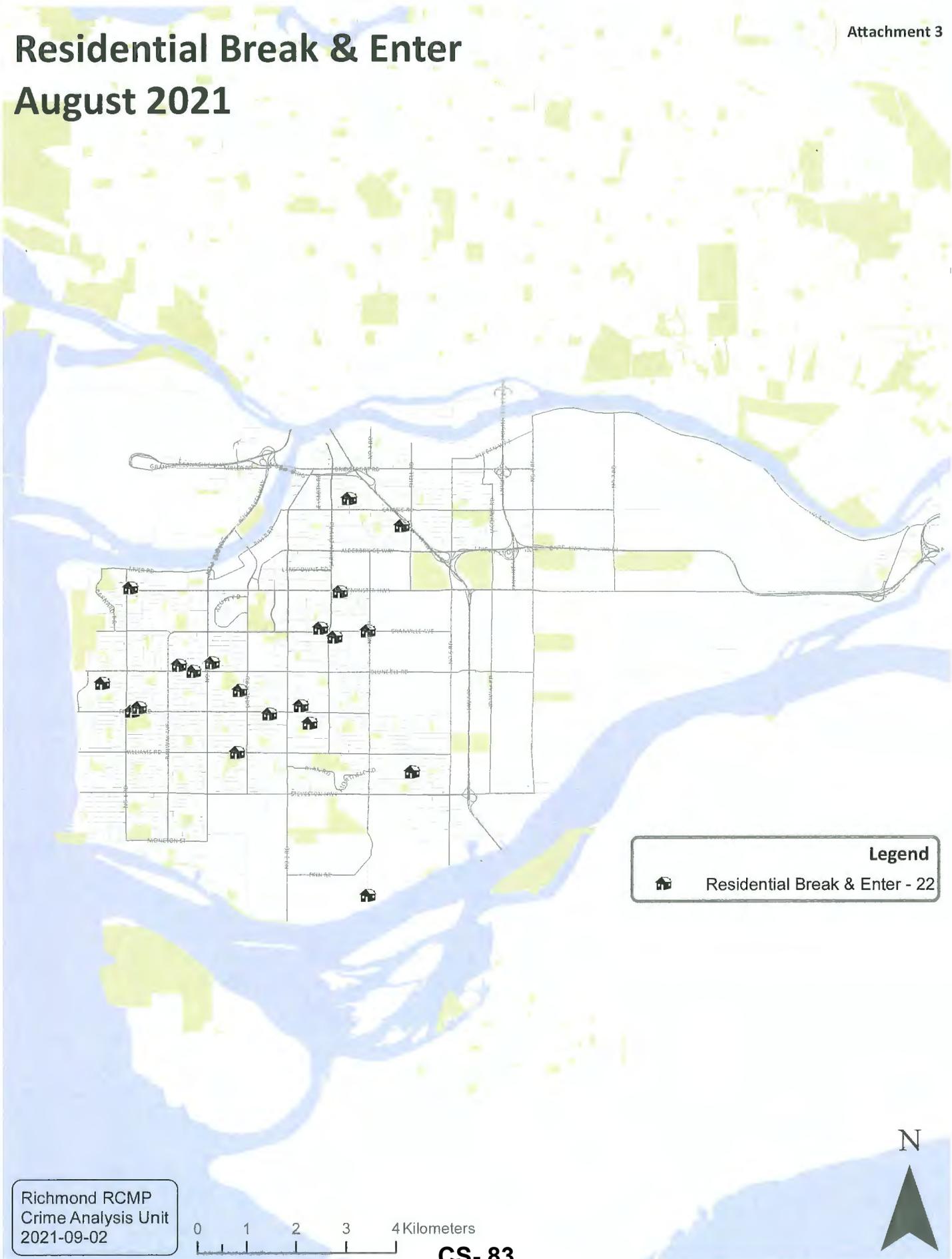
Richmond RCMP
Crime Analysis Unit
2021-09-02

0 1 2 3 4 Kilometers

CS- 82



Residential Break & Enter August 2021



Legend
🏠 Residential Break & Enter - 22

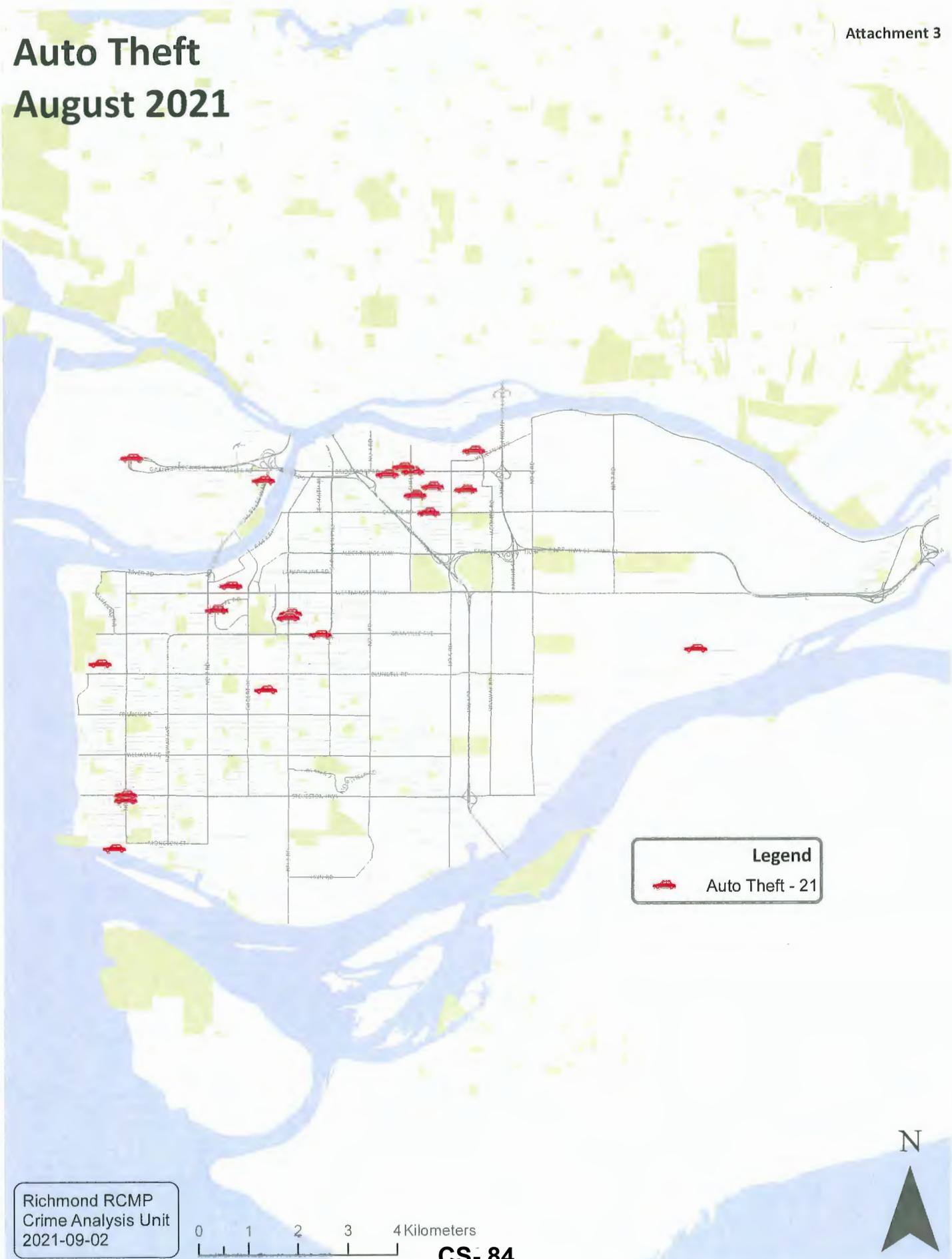
Richmond RCMP
Crime Analysis Unit
2021-09-02

0 1 2 3 4 Kilometers

CS- 83



Auto Theft August 2021



Legend
Auto Theft - 21

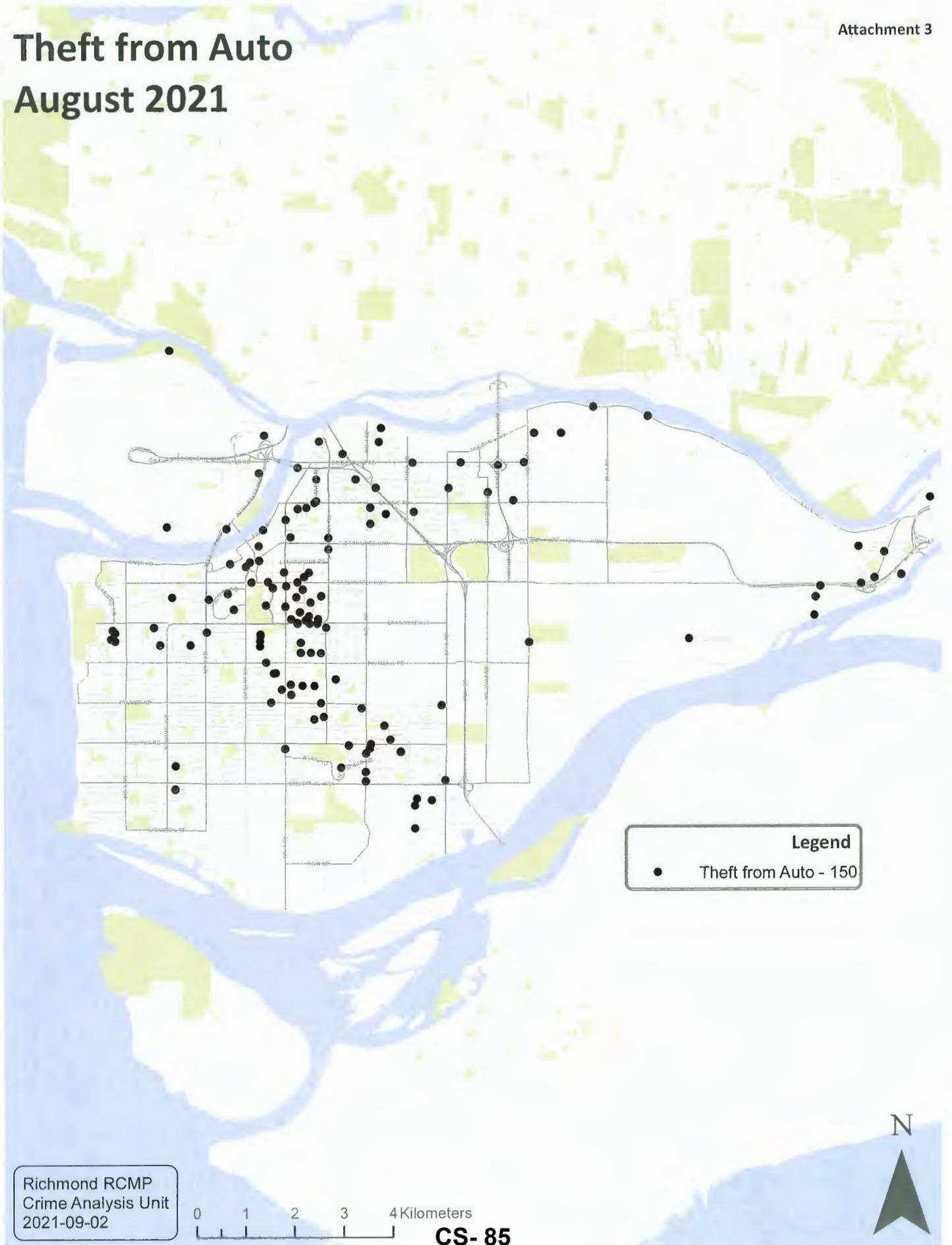
Richmond RCMP
Crime Analysis Unit
2021-09-02

0 1 2 3 4 Kilometers

CS- 84



Theft from Auto August 2021



Legend
● Theft from Auto - 150

Richmond RCMP
Crime Analysis Unit
2021-09-02

0 1 2 3 4 Kilometers

CS- 85

