



Community Safety Committee

**Anderson Room, City Hall
6911 No. 3 Road**

**Wednesday, November 14, 2018
4:00 p.m.**

Pg. # ITEM

MINUTES

CS-5 *Motion to adopt the **minutes** of the meeting of the Community Safety Committee held on October 9, 2018.*



NEXT COMMITTEE MEETING DATE

December 11, 2018, (tentative date) at 4:00 p.m. in the Anderson Room

COMMUNITY SAFETY DIVISION

1. **COMMUNITY BYLAWS MONTHLY ACTIVITY REPORT - SEPTEMBER 2018**

(File Ref. No. 12-8060-01) (REDMS No. 5991273)

CS-10

See Page CS-10 for full report

Designated Speaker: Carli Williams

STAFF RECOMMENDATION

That the staff report titled “Community Bylaws Monthly Activity Report - September 2018”, dated October 22, 2018, from the General Manager, Community Safety, be received for information.



Pg. # ITEM

2. **EMERGENCY PROGRAMS QUARTERLY ACTIVITY REPORT – THIRD QUARTER 2018**

(File Ref. No. 09-5126-01) (REDMS No. 6003124 v. 3)

CS-16

See Page CS-16 for full report

Designated Speaker: Norman Kotze

STAFF RECOMMENDATION

That the staff report titled “Emergency Programs Quarterly Activity Report – Third Quarter 2018”, dated October 19, 2018, from the General Manager, Community Safety, be received for information.

3. **RICHMOND FIRE-RESCUE MONTHLY ACTIVITY REPORT – SEPTEMBER 2018**

(File Ref. No. 09-5000-01) (REDMS No. 5997602)

CS-21

See Page CS-21 for full report

Designated Speaker: Fire Chief Tim Wilkinson

STAFF RECOMMENDATION

That the staff report titled “Richmond Fire-Rescue Monthly Activity Report – September 2018”, dated October 10, 2018 from the Fire Chief, Richmond Fire-Rescue, be received for information.

4. **FIRE CHIEF BRIEFING**

(Verbal Report)

Designated Speaker: Fire Chief Tim Wilkinson

Items for discussion:

- (i) *Post-Halloween Operations Update*
- (ii) *Lighting of the Hamilton Fire Hall and Open House*
- (iii) *Pilot Community Outreach and Pharmacy Program*
- (iv) *Recruitment Update*

Pg. # ITEM

5. **RCMP MONTHLY ACTIVITY REPORT – SEPTEMBER 2018**
(File Ref. No. 09-5000-01) (REDMS No. 5973697 v. 2)

CS-31

See Page CS-31 for full report

Designated Speaker: Superintendent Will Ng

STAFF RECOMMENDATION

That the report titled “RCMP Monthly Activity Report – September 2018”, dated October 16, 2018, from the Officer in Charge, Richmond RCMP Detachment, be received for information.



6. **RCMP/OIC BRIEFING**
(Verbal Report)

Designated Speaker: Superintendent Will Ng

Items for discussion:

- (i) *Introduction of Inspector Power*
- (ii) *Toy Drive – Invite to Councillors*
- (iii) *Halloween*

7. **RIVER ROAD – REPORT BACK ON RICHMOND RCMP ENFORCEMENT ACTIVITIES**
(File Ref. No. 10-6450-09-01) (REDMS No. 5915308 v. 10)

CS-50

See Page CS-50 for full report

Designated Speaker: Superintendent Will Ng

STAFF RECOMMENDATION

That the report titled “River Road – Report Back on Richmond RCMP Enforcement Activities” dated October 24, 2018, from the Officer in Charge, Richmond RCMP Detachment, be received for information.



Community Safety Committee Agenda – Wednesday, November 14, 2018

Pg. # ITEM

8. **COMMITTEE STANDING ITEM**

E-Comm

9. **MANAGER'S REPORT**

ADJOURNMENT





Community Safety Committee

Date: Tuesday, October 9, 2018

Place: Anderson Room
Richmond City Hall

Present: Councillor Bill McNulty, Chair
Councillor Derek Dang, Vice-Chair
Councillor Ken Johnston
Councillor Alexa Loo
Councillor Linda McPhail
Mayor Malcolm Brodie

Also Present: Councillor Chak Au
Councillor Carol Day
Councillor Harold Steves

Call to Order: The Chair called the meeting to order at 4:13 p.m.

MINUTES

It was moved and seconded

That the minutes of the meeting of the Community Safety Committee held on September 11, 2018, be adopted.

CARRIED

NEXT COMMITTEE MEETING DATE

November 14, 2018, (tentative date) at 4:00 p.m. in the Anderson Room

Community Safety Committee
Tuesday, October 9, 2018

COMMUNITY SAFETY DIVISION

1. **COMMUNITY BYLAWS MONTHLY ACTIVITY REPORT - AUGUST 2018**

(File Ref. No. 12-8060-01) (REDMS No. 5968425)

It was moved and seconded

That the staff report titled “Community Bylaws Monthly Activity Report - August 2018”, dated September 19, 2018, from the General Manager, Community Safety, be received for information.

CARRIED

2. **RICHMOND FIRE-RESCUE MONTHLY ACTIVITY REPORT – AUGUST 2018**

(File Ref. No. 09-5000-01) (REDMS No. 5972396)

Committee commended Richmond Fire-Rescue (RFR) and staff on their recognition at the 39th Service Battalion open house held on September 29, 2018 for the outstanding coordination of working together to combat the bog fire.

Tim Wilkinson, Fire Chief, commented that during the bog fire incident, RFR was visited by high-ranking Canadian military personnel who awarded Deputy Chief Jim Wishlove a commemorative medal as a special award.

It was moved and seconded

That the staff report titled “Richmond Fire-Rescue Monthly Activity Report – August 2018”, dated September 17, 2018 from the Fire Chief, Richmond Fire-Rescue, be received for information.

CARRIED

3. **FIRE CHIEF BRIEFING**

(Verbal Report)

Item for discussion:

(i) Fire Prevention Week

Chief Wilkinson advised that Fire Prevention Week runs from October 7 to 13, 2018 and this year’s theme is “look, listen, and learn”, to promote awareness of electrical safety and the correct use of smoke detectors and fire extinguishers. He further advised that signs have been posted at fire halls regarding the event.

2.

Community Safety Committee
Tuesday, October 9, 2018

(ii) “The World is Not Your Ashtray” Campaign

Chief Wilkinson noted that from June 21 to September 21, 2018 there were 231 reported fires, 136 of which were caused by cigarettes. He further remarked that staff aim to improve this number and average fires per day have reduced from three last year to 1.5.

4. **RCMP MONTHLY ACTIVITY REPORT – AUGUST 2018**

(File Ref. No. 09-5000-01) (REDMS No. 5951777 v. 2)

Will Ng, Superintendent, Officer in Charge, highlighted that there has been an increase in the number of break and enter instances over the summer months. He further remarked that officers have been successful in recent weeks arresting five suspects in active break and enters in progress, four of which are prolific offenders.

In response to questions from Committee, Superintendent Ng advised that (i) there have been three confirmed homicides in the City this year, down from eight last year, which have not been associated with organized crime and IHIT is fully engaged in the investigations, (ii) Richmond RCMP have put out a news release following the arrest of one of the five suspects in the active break and enters and another media release regarding the other arrests is forthcoming, (ii) Richmond RCMP released the initial safety advisory regarding break and enters to notify residents, and (iii) prolific offenders are usually targeted because of the number of incidents they are involved with and RCMP increase enforcement accordingly.

Discussion further took place and it was suggested that a media release be issued as this would be valuable information for residents.

In further response to questions from Committee, Superintendent Ng noted that RCMP are exploring the use of new technology with regard to video registry for cameras in personal residences and a progress report could be provided.

In response to further queries from Committee in regards to compromised dwellings following clandestine drug laboratory activities, Carli Williams, Manager, Community Bylaws and Licencing, clarified that staff recommend to property owners or landlords that the home be completely remediated and air quality sampling be completed. She further noted that re-occupation is typically not granted until the home has passed inspection.

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In further response to questions, Superintendent Ng commented that RCMP investigate the criminal aspect of the activity and put forward appropriate charges. Ms. Williams remarked that (i) the City steps in following the RCMP investigation, (ii) inspection of the property is required by the landlord at least once every three months under the Property Maintenance and Report Bylaw No. 7897, and (iii) vacant properties must remain secure but there are no time limits in the bylaw.

Superintendent Ng, in response to further questions from Committee in regards to the Lower Mainland Integrated Police Dog Services (IPDS), noted that Richmond RCMP share the unit with Delta and that response time depends on where they are deployed from or when they are able to respond following another incident they may already be attending.

It was moved and seconded

That the report titled "RCMP Monthly Activity Report – August 2018", dated September 12, 2018, from the Officer in Charge, Richmond RCMP Detachment, be received for information.

CARRIED

5. RCMP/OIC BRIEFING

(Verbal Report)

Items for discussion:

(i) Cops for Cancer

Superintendent Ng commented that one officer completed a ride of over 900 km as a part of the event and that a total of \$17,600 had been raised. He further remarked that in the last 12 years, over \$180,000 had been raised by Richmond for the event.

(ii) Introduction of Inspector Kori Powers, Operations Support Officer

Superintendent Ng noted that Inspector Powers was unable to attend and would be introduced at the next Community Safety meeting.

(iii) Proactive Policing

Superintendent Ng advised that RCMP have initiated enhanced patrols including an in-house patrol in the evenings. He further noted that the patrols include four additional officers to target break and entering. In response to queries from Committee, Superintendent Ng advised that the additional four officers are overtime hours and that RCMP are monitoring their hours.

4.

Community Safety Committee
Tuesday, October 9, 2018

6. **COMMITTEE STANDING ITEM**

E-Comm

The Chair advised that the Strategic Plan is in final draft and that the report most likely will be finalized in January or February following a consultative process.

7. **MANAGER'S REPORT**

None.

ADJOURNMENT

It was moved and seconded
That the meeting adjourn (4:39 p.m.).

CARRIED

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, October 9, 2018.

Councillor Bill McNulty
Chair

Amanda Welby
Legislative Services Coordinator



City of Richmond

Report to Committee

To: Community Safety Committee **Date:** October 22, 2018
From: Cecilia Achiam **File:** 12-8060-01/20-Vol01
General Manager, Community Safety
Re: **Community Bylaws Monthly Activity Report - September 2018**

Staff Recommendation

That the staff report titled “Community Bylaws Monthly Activity Report - September 2018”, dated October 22, 2018, 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"/>
Parks Services	<input checked="" type="checkbox"/>
Engineering	<input checked="" type="checkbox"/>
REVIEWED BY STAFF REPORT / AGENDA REVIEW SUBCOMMITTEE	INITIALS: CJ
APPROVED BY CAO 	

Staff Report

Origin

This monthly report for the Community Bylaws Department provides information on Grease, Soils, Property Use, Short-Term Rentals, Pay Parking, Parking Enforcement, Animal Control, Dog Licencing and Public Awareness Initiatives.

This report supports Council's 2014-2018 Term Goal #1 A Safe Community:

Maintain emphasis on community safety to ensure Richmond continues to be a safe community.

Analysis

Grease

The Grease Officer remains focused on education and voluntary compliance. During the month of September, the Grease Officer undertook 92 grease-trap inspections which are reflected in the cumulative total shown in Figure 1a. Two warning violation notices for contravention of the Drainage, Dyke and Sanitary Sewer System Bylaw No. 7551 were issued.

Soils

The Soil Bylaw Officer continues to liaise with various departments and agencies for the purpose of monitoring properties in non-compliance with the current Soil Removal & Fill Deposit Regulation Bylaw No. 8094, in addition to reviewing soil deposit proposals. There are currently 91 files that remain open which consist of 27 stop-work-orders and/or removal orders and one active fill site. There are currently 10 fill proposals within various stages of review.

During the month of September, the Soil Bylaw Officer conducted 74 site inspections.

Property Use

Property Use Officers continue to investigate property matters based on public complaints as well as conduct proactive enforcement for self-evident infractions such as boulevard obstructions and unsightly properties. Excluding grease, soils and short-term rentals, during the month of September, Property Use Officers administered 111 files, which were largely associated with unsightly premise, tow permits, sanitation and zoning matters.

Short-Term Rentals

Property Use Officers continue to investigate occupancy issues based on website listings and public complaints. During the month of September, Property Use Officers undertook 35 calls for service, which resulted in the issuance of 10 violations (\$10,000 in fines), for contravention of both the Zoning Bylaw No. 8500 and the Business Regulation Bylaw No. 7538.

The following tables below (Figure 1a and 1b) reflect year-to-date *calls for service* categorized by property use file type for years 2016 and 2017. Calls are reflected as a cumulative total for each month ending with the current month of September 2018.

Figure 1a: Grease, Soils, Short-Term Rentals & Property-Use Calls For Service

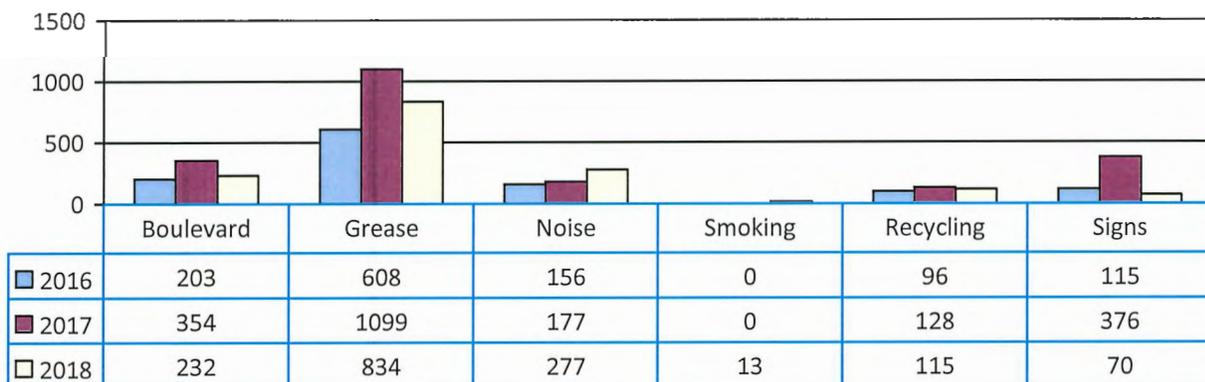
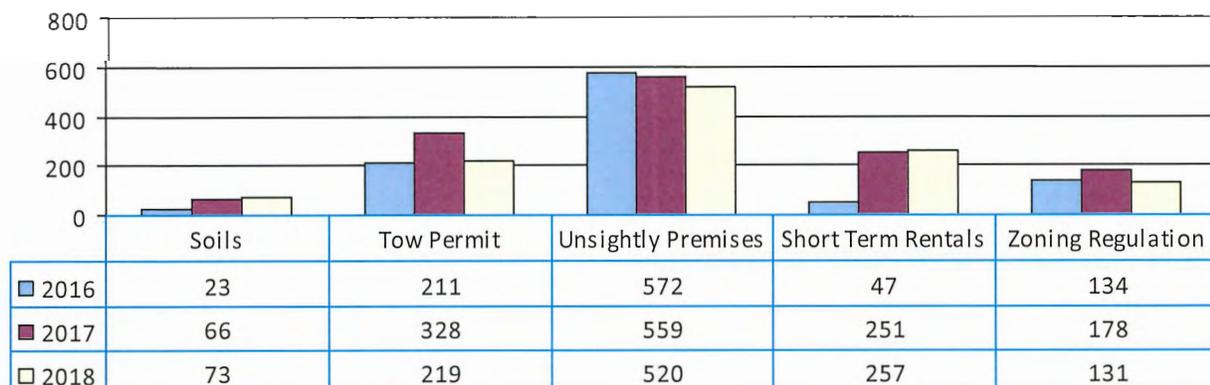


Figure 1b: Grease, Soils, Short-Term Rentals & Property-Use Calls For Service

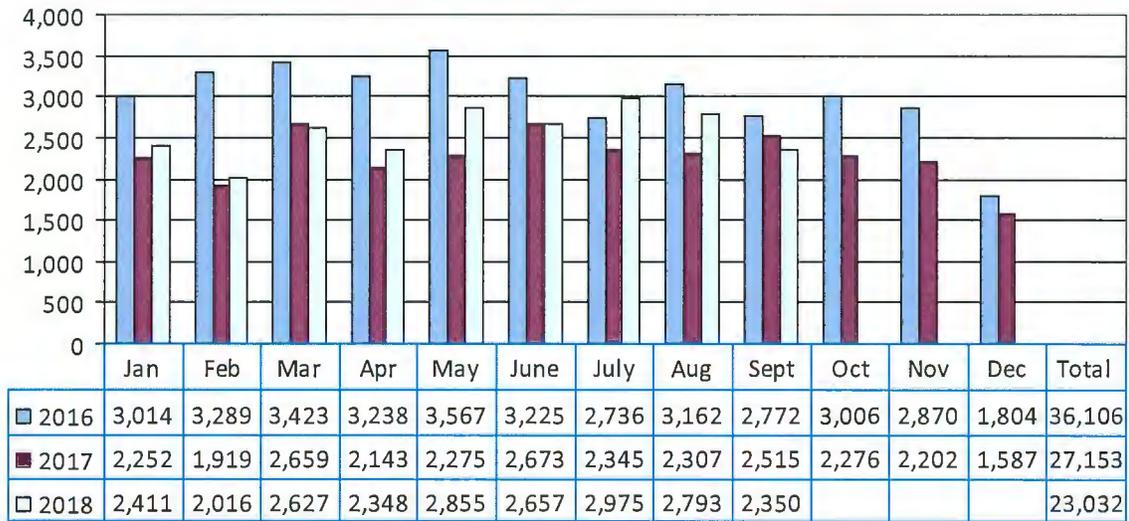


Parking

Parking and Animal Control Officers continue to focus on safety issues (fire hydrants, yellow curbs and animal control offences), as well as pay parking matters (parking meter and permit offences). During the month of September, Parking and Animal Control Officers issued 2,350 violations associated with various parking and stopping offences.

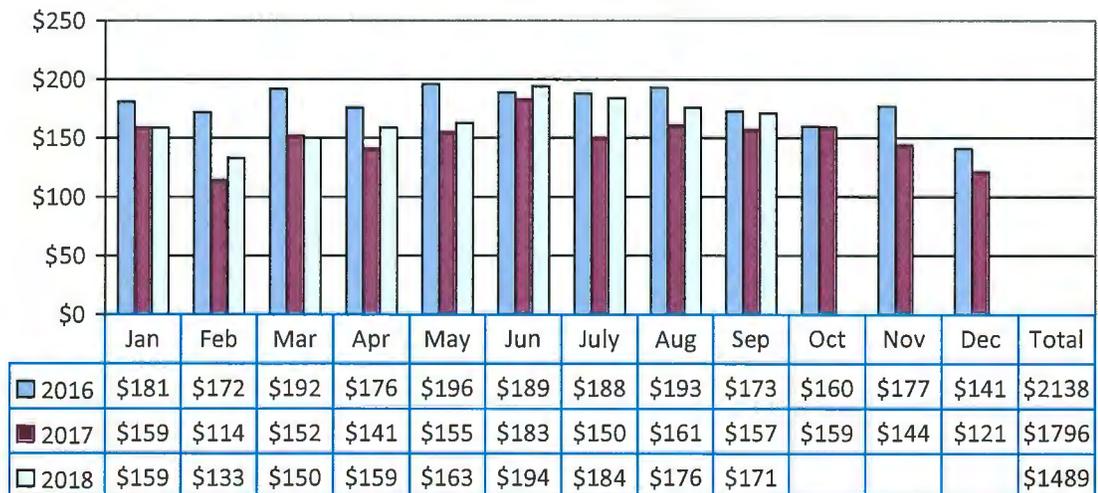
The following table reflects monthly and year-to-date *parking enforcement activity* measured by violation issuance.

Figure 2a: Parking Violations Issuance Comparison



The following table reflects monthly and year-to-date *parking program revenue* encompassing meter, permit & enforcement operations.

Figure 2b: Consolidated Parking Program Revenue Comparison (000's)



Dog Licencing and Animal Control

During the month of September, 61 dogs were licenced. The total amount of dogs licenced to date is 7,177.

Education and Awareness

The following Parks/Dykes were patrolled during the month of August:

- Garry Point
- King George Park
- Tait School
- South Arm Park
- Grauer School
- West Dyke
- Dover Park
- McDonald Beach
- Hamilton School
- Tomsett School
- Terra Nova Rural Park
- Steveston Community Park
- Garden City Park
- Ferndale Park
- Aberdeen Park
- Minoru Park

Customer Service Activity – Parking and Animal Control

The following table reflects monthly and year-to-date *calls-for-service* for parking and animal control.

Figure 3a: Community Bylaws Calls-for-Service

Calls for Service (Tempest & Amanda)	September	YTD
Parking & Stopping Files	276	2019
Animal Control Files	196	1483
Totals	472	3502

Enforcement Activity

The following table reflects monthly and year-to-date *violation issuance* listed by file type.

Figure 3b: Community Bylaws Violations

Ticket Issuance (BVN's & MTI's)	September	YTD
Short-Term Rental Offences	10	78
Soil Removal & Fill Deposit Offences	2	41
Grease Trap Offences	2	25
Parking & Stopping Offences	2350	23,032
Animal Control Offences	43	375
Totals	2407	23551

Adjudication

The next adjudication session scheduled for October 30, 2018 will consist of 13 violations in contravention of Traffic Bylaw No. 5870 and two violations in contravention of the Dog Licencing Bylaw No. 7138.

Revenue

The Community Bylaws Department derives most of its revenue from parking meters, parking permits and parking violations, with the remainder of revenue generated from the following sources: Dog Licences, False Alarm Incidents, Animal Control Violations, Newspaper Box Permits (annual renewal), Towing Permits (biennial renewal) and Film Crew Occupancy.

In Figure 4, the variance for “False Alarms” remains inordinately high because of a previous billing transfer to property taxes and the significant variance for “Other Permits” can be attributed to straight-line financial projections. Recovery expenses represent the cost recovery of Bylaw and RCMP charges associated with the Richmond Night Market.

The following table reflects monthly and year-to-date *department revenue* listed by source.

Figure 4: Budget vs. Actual Revenue by Source

Program Revenue	Sep Budget	Sep Actual	YTD Budget	YTD Actual	YTD (\$) Variance	YTD (%) Variance
Recovery - Expenses	0	6,188	0	70,522	70,522	0.0%
Filming Revenue	0	750	0	6,351	6,351	0.0%
False Alarms	4,350	4,400	39,150	79,139	39,989	102.1%
Dog Licences	8,787	3,718	179,908	180,121	213	0.1%
Towing Permits	1,224	1,424	12,498	16,582	4,084	32.7%
Other Permits	2,921	600	29,815	42,747	12,932	43.4%
Other Bylaw Fines	3,249	9,600	37,099	79,850	42,751	115.2%
Parking Revenue	162,665	171,135	1,535,002	1,490,130	(44,872)	(2.9)%
Total Revenue	183,196	197,815	1,833,472	1,965,442	131,970	7.2%

Financial Impact

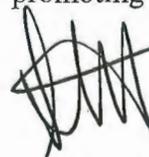
None.

Conclusion

Community Bylaws staff strive to maintain the quality of life and the safety of residents through coordinated efforts with other City departments and community partners. Further, all department personnel remain committed to educating the public and promoting a culture of voluntary compliance.



Carli Williams
 Manager, Community Bylaws
 And Licencing
 (604-276-4136)



Susan Lloyd
 Manager, Parking Enforcement,
 Animal Control And Administration,
 Community Bylaws
 (604-247-4467)



City of Richmond

Report to Committee

To: Community Safety Committee **Date:** October 19, 2018
From: Cecilia Achiam, MCIP, BCSLA **File:** 09-5126-01/2018-Vol
General Manager, Community Safety 01
Re: **Emergency Programs Quarterly Activity Report – Third Quarter 2018**

Staff Recommendation

That the staff report titled “Emergency Programs Quarterly Activity Report – Third Quarter 2018”, dated October 19, 2018, from the General Manager, Community Safety, be received for information.

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

REPORT CONCURRENCE	
REVIEWED BY STAFF REPORT / AGENDA REVIEW SUBCOMMITTEE	INITIALS: CJ
APPROVED BY CAO 	

Staff Report

Origin

This report provides Council with an update on Emergency Programs (EP) activities. EP is reporting on its activities in support of its mandate to maximize the protection of life, public infrastructure, private property and the environment in the event of a major emergency or disaster.

This report provides an update on the following Community Safety Committee referral from the meeting held on November 15, 2017:

That staff liaise with professor Kyle Matsuba, Kwantlen Polytechnic University, to examine the nature of study on earthquake preparedness and offer any assistance.

This activity report for EP provides information on each of the following areas:

1. Community Resilience
2. Emergency Management Plans
3. City of Richmond Resilience
4. Emergency Social Services (ESS) Response

This report supports Council's 2014-2018 Term Goal #1 A Safe Community:

Maintain emphasis on community safety to ensure Richmond continues to be a safe community.

1.2. Program and service enhancements that improve community safety services in the City.

1.3. Improved perception of Richmond as a safe community.

This report supports Council's 2014-2018 Term Goal #9 A Well-Informed Citizenry:

Continue to develop and provide programs and services that ensure the Richmond community is well-informed and engaged on City business and decision making.

9.2. Effective engagement strategies and tools.

Analysis

Community Resilience

Richmond Resilient Communities Program (RRCP)

The RRCP workshop is designed to provide residents with the tools and knowledge to prepare themselves, their families and their communities to be resilient during an emergency of any size. The 'Beyond the Workshop' phase is where participants can attend courses to gain additional

knowledge/skills in emergency preparedness. These skills can be used in everyday life to improve the overall perception of safety and preparedness in the community.

In the third quarter of 2018, no RRCP workshops were delivered. The primary focus of quarter three was to conduct a comprehensive review of the pilot year. Updates to the program will be completed in fourth quarter of 2018, and any changes to the RRCP workshops will be implemented in the first quarter of 2019. Staff coordinated the delivery of a Level 1 of the Rapid Damage Assessment course as part of the Beyond the Workshop phase.

Current planning efforts with the School District 38 (SD38) and the Richmond District Parents Association (RDPA) have focused on the potential of hosting a series of 2019 RRCP workshops in schools, which will be promoted by websites, newsletters and other methods of communication throughout the Richmond Schools.

Community Safety Committee members are invited to attend the following workshops:

Facility: Thompson Community Centre

- Dates & time: (Wednesday) Oct 17 & 24, from 6:00 - 8:15 pm

Facility: J.N. Burnett Secondary

- Dates & time: (Thursday) Nov 15 & 22, from 6:00 - 8:15 pm

Measuring Resilience Program

Resilience is not a one-time act, but rather an ongoing practice; therefore, this is difficult to measure. Aspects of preparedness are used to measure the successful delivery of the workshop.

Throughout the third quarter of 2018 staff collected 154 responses through the Measuring Resilience program. Staff will continue to analyse data to ensure the RRCP workshop provides relevant and useful information to Richmond's residents.

Kwantlen Polytechnic University Partnership

On November 15, 2017, at the Community Safety Committee, the following referral was made:

That staff liaise with professor Kyle Matsuba, Kwantlen Polytechnic University, to examine the nature of study on earthquake preparedness and offer any assistance.

Staff have reached out to Dr Matsuba and have begun collaborating on research around the Emergency Programs' workshop series. This analysis will seek to more fully understand the effectiveness of presenting emergency preparedness information and improve the resident's response to emergency resilience.

It is anticipated that the program will need to be revised pending the results of the RRCP Pilot Year review. The design phase is intended to be completed by the fourth quarter of 2018, and the program will be ready to launch in the first quarter of 2019. Results from this research may be used to update the workshop series to increase its effectiveness as well as any other programs that impact community emergency resilience.

RichmondBCAlerts

Emergency Programs staff and volunteers continue to promote registration for the City’s Emergency Notification System, RichmondBCAlerts, at public events. The significant increase in registration can be attributed to increased education and promotion of the notification system.

Table 1: RichmondBCAlerts Signups

	Q1 - 2017	Q2 - 2017	Q3 - 2017	Q4 - 2017	Q1 - 2018	Q2 - 2018	Q3 - 2018
Owner	135	153	54	60	431	87	134
Tenant	56	49	13	38	269	48	40
Total	191	202	67	98	700	135	174

Public Events

Recently, the Emergency Programs staff and volunteers have promoted the City’s RichmondBCAlert notification system and the RRCP workshop series at the following public events:

- Acadia Community Table – July 17th
- Brighthouse Library Community Table – August 15th
- Brighthouse Fire Hall 1 Open House – September 15th

Emergency Management Plans

Emergency Programs staff regularly review emergency plans with their operational stakeholders to ensure the plans are relevant in the event of an emergency disaster staff are reviewing or have reviewed:

- The Dangerous Goods Spill & Response Plan, Evacuation Plan and the Information Plan: An orientation will take place prior to the November 21, 2018 EOC exercise to inform response staff of significant updates.
- Emergency Management Plan: Staff have deferred this plan review in anticipation of a Hazard Risk & Vulnerability Analysis to commence 2019. It is anticipated that this plan review will follow and will be completed by the end of 2019.

City of Richmond Resilience

Volunteer Recruitment

Members of the public are invited to attend Volunteer Information sessions and ask questions about becoming an emergency preparedness leader in their community. Information is provided to potential volunteers on how they are able to leverage their skills to assist during an emergency.

There were no information sessions held in the third quarter of 2018.

The next information session is scheduled for February 11, 2019, from 7:00 pm until 8:00 pm in City Hall's meeting room, M.1.003. Members of Council are welcome to attend this session.

Emergency Social Services Response

Emergency Programs responded to four opportunities to provide support to residents affected by and displaced from their homes due to residential fires.

In total, 13 residents were provided with services on behalf of the province which included temporary accommodations, meals, clothing, and basic incidentals, while the evacuees worked to identify and secure alternate accommodations or while they waited for their residences to be cleared of harmful smoke.

Financial Impact

None.

Conclusion

Emergency Programs staff and volunteers continue to engage with the Richmond community to deliver personal and community preparedness, and resiliency information while continuing to promote the RichmondBCAlert System.



Norman Kotze
Manager, Emergency Programs
(604-244-1211)

NK:nk



City of Richmond

Report to Committee

To: Community Safety Committee

Date: October 10, 2018

From: Tim Wilkinson
Fire Chief, Richmond Fire-Rescue

File: 09-5000-01/2018-Vol 01

Re: **Richmond Fire-Rescue Monthly Activity Report – September 2018**

Staff Recommendation

That the staff report titled “Richmond Fire-Rescue Monthly Activity Report – September 2018”, dated October 10, 2018 from the Fire Chief, Richmond Fire-Rescue, be received for information.

Tim Wilkinson
Fire Chief
(604-303-2701)

Att. 2

REPORT CONCURRENCE	
CONCURRENCE OF GENERAL MANAGER	
REVIEWED BY STAFF REPORT / AGENDA REVIEW SUBCOMMITTEE	INITIALS: CS
APPROVED BY CAO	

Staff Report

Origin

This report provides Council with an update on Richmond Fire-Rescue (RFR) activities. RFR is reporting on its activities in support of its mission:

To protect and enhance the City's livability through service excellence in prevention, education and emergency response.

This report supports Council's 2014-2018 Term Goal #1 A Safe Community:

Maintain emphasis on community safety to ensure Richmond continues to be a safe community.

Analysis

Community Involvement

RFR advances public awareness, education and community bridge building by participating in training events, community activities and social media.

During September staff engaged with approximately 2,586 children and adults, continuing to develop effective interagency relationships and partnerships within the community including; a fire safety presentation for a senior's complex, fire hall tour for Richmond Scouts group, seniors presentation to Richmond Seniors Advisory Committee, "We Live Here" program tour with SUCCESS and the Brighthouse Fire Hall No. 1 grand opening.

Emergency Response

RFR's goal is to respond to events in a manner where loss of life, reduction of property damage and protection of the environment is mitigated. In September 2018 there were a total 761 incidents, representing a 17.6 per cent reduction in calls from September 2017 (Attachment 1).

The average time on scene for RFR crews was 28 minutes, an increase over 2017. This can be impacted by the nature and severity of each call and the duration on scene. The reduction in overall calls is due to the reclassification of medical calls by BC Emergency Health Services (BCEHS) for their triaging and deploying resources of BC Ambulance Services.

In September 2018 there were 40 reportable fires to the Office of the Fire Commissioner; representing a 9 per cent decrease from September 2017. The average figure for fires reported in September, over the last five years, is 44, thus reportable fires in the month of September remains consistent with year over year trends.

Fire damage and property losses during September 2018 are estimated at \$86,900. This total includes \$18,900 for building/asset loss and \$68,000 for content loss. The total building/asset and content value at risk was estimated to be \$39,001,600 and the total value preserved from damage was \$38,914,700. These numbers translate to 99 per cent of value protected (Table 1); this is the same per cent protected value observed in 2017.

Table 1: Fire Calls By Type and Loss Estimates – September 2018						
Incident Type Breakdown	Call Volume	Estimated Building / Asset Value (\$)	Estimated Building / Asset Loss (\$)	Estimated Content Value (\$)	Estimated Content Loss (\$)	Estimated Total Value Preserved (\$)
Residential: Single family	4	16,600	10,000	50,000	50,000	600
Multi family	8	1,340,000	8,200	60,000	18,000	1,373,800
Commercial / Industrial	3	37,541,000	-	-	-	37,541,000
Outdoor	23	-	700	-	-	700
Vehicle/Vessel	2	-	-	-	-	-
Totals*	40	38,891,600	18,900	110,000	68,000	38,914,700

*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

Fire crews minimized loss and limited fires to the place of origin in these notable September 2018 incidents:

- Residential fire on Boundary Road. Crews responded to a two story single family home with smoke and flames on the first and second floors. Crews established command and proceeded to attack the fire. Fortis Gas, BC Hydro and BC Ambulance Services were requested to attend the scene. Once able crews proceeded to search the interior for three possible unaccounted for occupants. While searching the house crews proceeded to extinguish spot fires. There were no occupants found when the search was complete. Once the fire was extinguished, crews proceeded to carry out a fire-ground cleanup. A Fire Investigator attended.
- Illegal burning complaint on No 6 Road. Crews responded to burning rubbish at the south side of a residence. RFR crews informed the onsite property owners that they were burning illegally and proceeded to extinguish the fire. Once the fire had been extinguished RFR crews issued an Outdoor Burning Letter of Advisement.
- Wildland fire on No 6 Road. RFR crews arrived on scene to a large brush fire of approximately 20,000 square feet. Crews proceeded to attack the fire and wet down the surrounding area. Once the fire was extinguished, crews remained on scene to clean up equipment and gather information. Fire investigator responded.

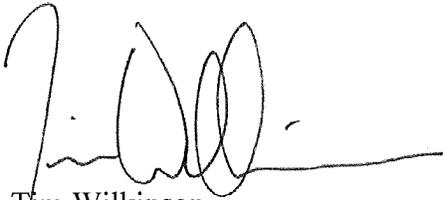
- Wildland fire at Iona Beach. RFR crews attended beyond the park area to find multiple large logs on fire. RFR crews worked throughout the day to bring the fire under control and manage the site safely. There were no injuries reported and once the fire had been managed, RFR left the site under the care and control of Metro Vancouver staff, who continued to apply sprinkler protection water onto the logs. A Fire Investigator attended.

Financial Impact

None.

Conclusion

During September 2018, calls for service decreased by 17.6 per cent from September 2017. RFR will continue to monitor these activities to identify trends and ensure potential solutions.



Tim Wilkinson
Fire Chief
(604-303-2701)

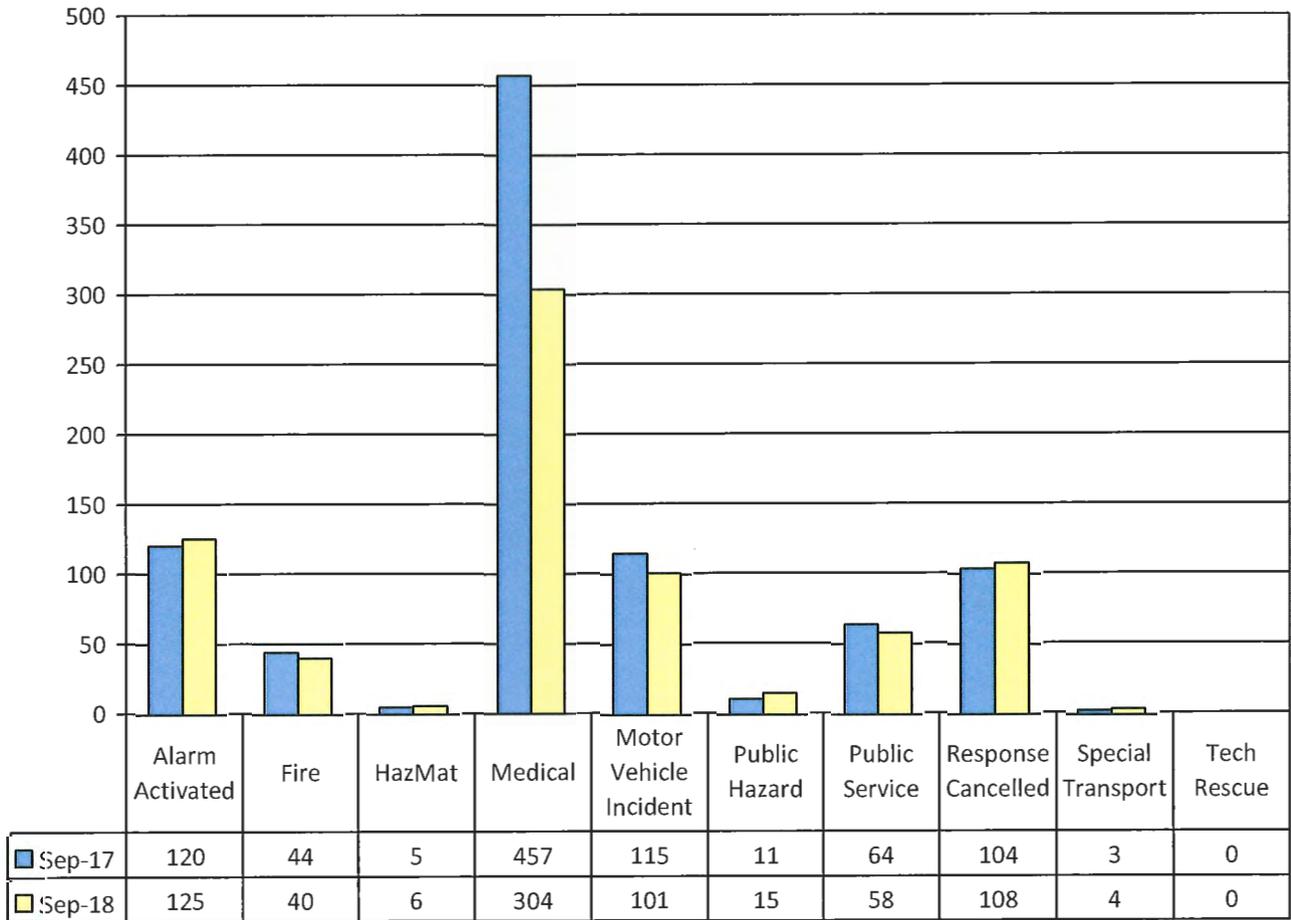
TW:js

- Att. 1: Suppression Activity
2: Location of September's Fire, Medical and MVIs

Calls for Service Volumes

The following chart provides a month to month comparison regarding incidents occurring in September 2017 and 2018. In September 2018, there were a total of 761 incidents, compared to 923 in September 2017. This represents a decrease of 17.6 per cent.

Table 3: September 2017 & 2018 Calls for Service Volumes



Call 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 39 per cent of the total emergency responses for RFR during the month of September 2018. A detailed breakdown of the medical incidents for September 2018 and 2017 is set out in the following table by sub-type. There were a total of 304 medical incidents in September 2018 compared to 457 in September 2017, a decrease of 33 per cent.

Table 4a: September 2017 & 2018 Medical Calls by Type

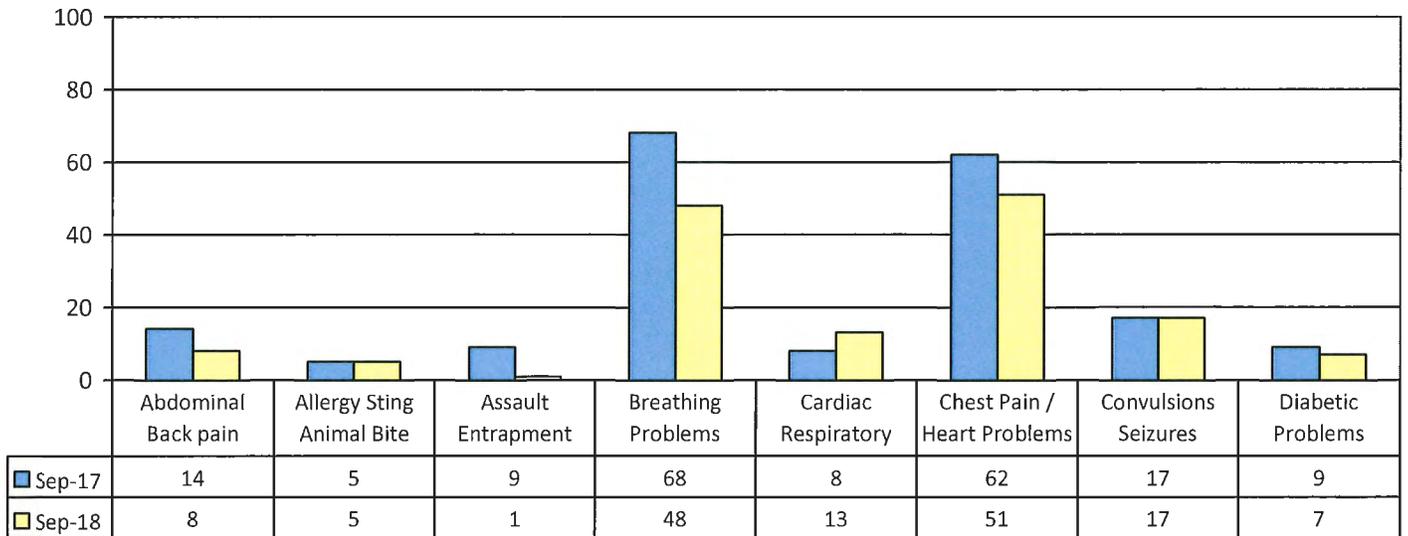
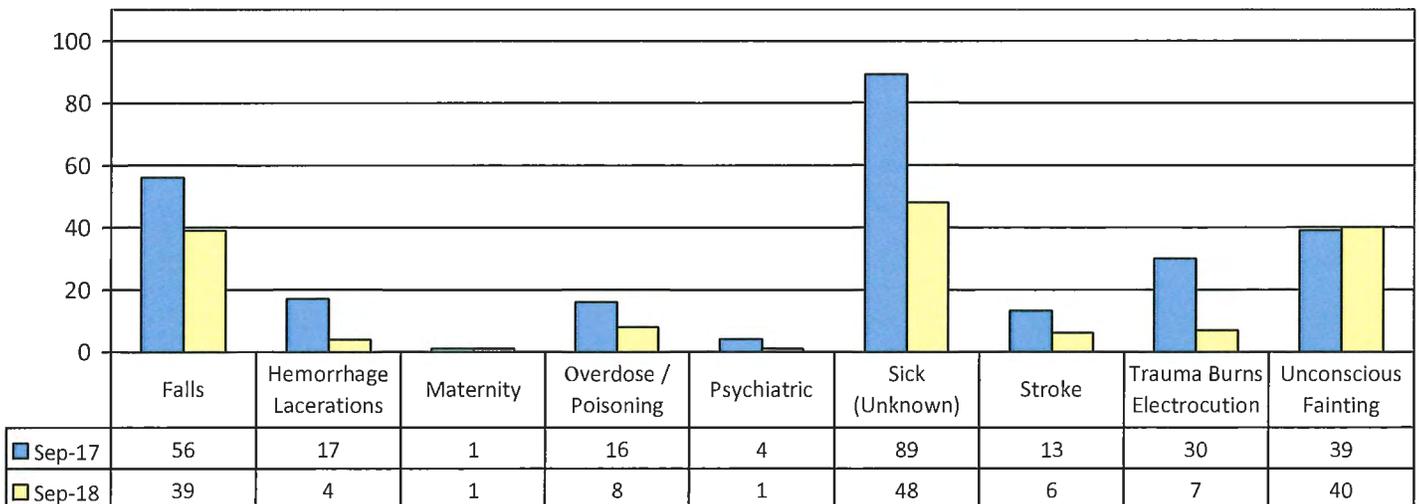


Table 4b: September 2017 & 2018 Medical Calls by Type



Fire Investigations

The fire investigation statistics for September 2018 are listed below:

Table 5: Total Fire Investigation Statistics – September			
	Suspicious	Accidental	Undetermined
Residential - Single-family	-	3	1
Residential - Multi-family	-	7	1
Commercial/Industrial	-	2	1
Outdoor	4	10	9
Vehicle	-	1	1
Totals	4	23	13

RFR investigators report all suspicious fires to the RCMP, while working alongside RCMP staff to address potential risks to the community.

Hazardous Materials

Table 6: HazMat Calls By Type – September	
	Details
Toxic / Infectious Substances	1
Natural Gas / Propane Leaks (small)	4
Unclassified	1
Totals	6

Figure 1: Location of reportable fires attended in September (total 40)

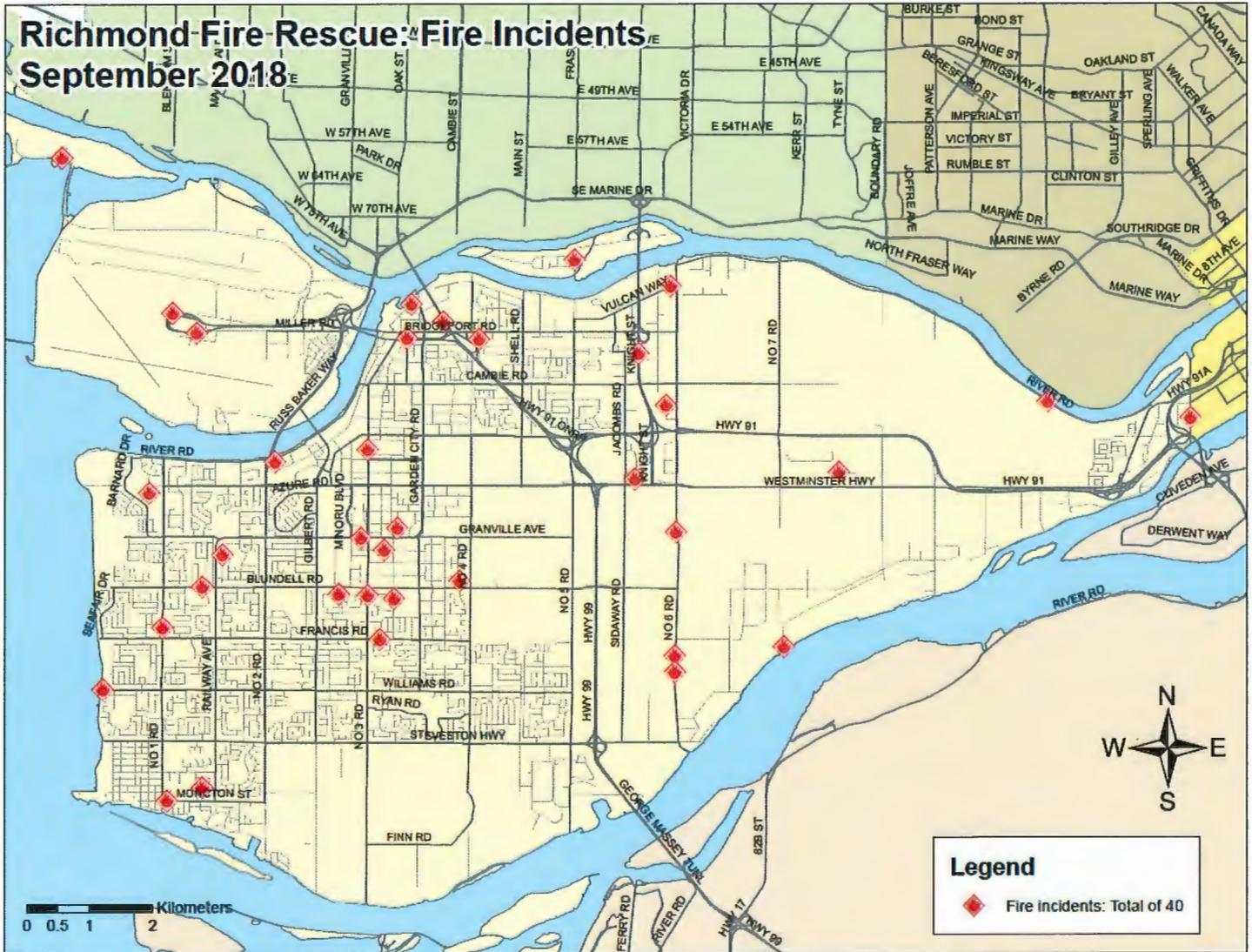


Figure 2: Location of medical calls in September (total 304)

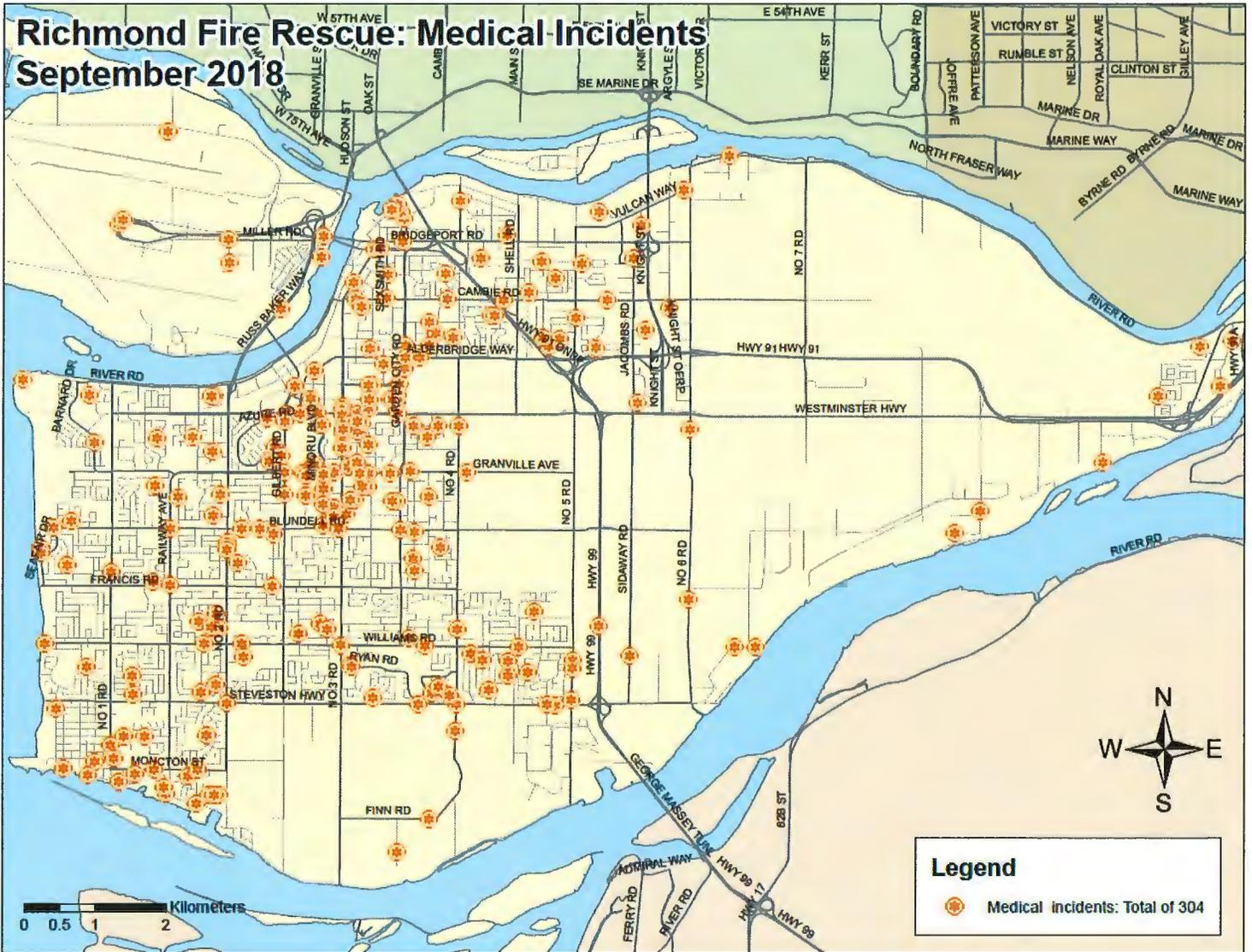
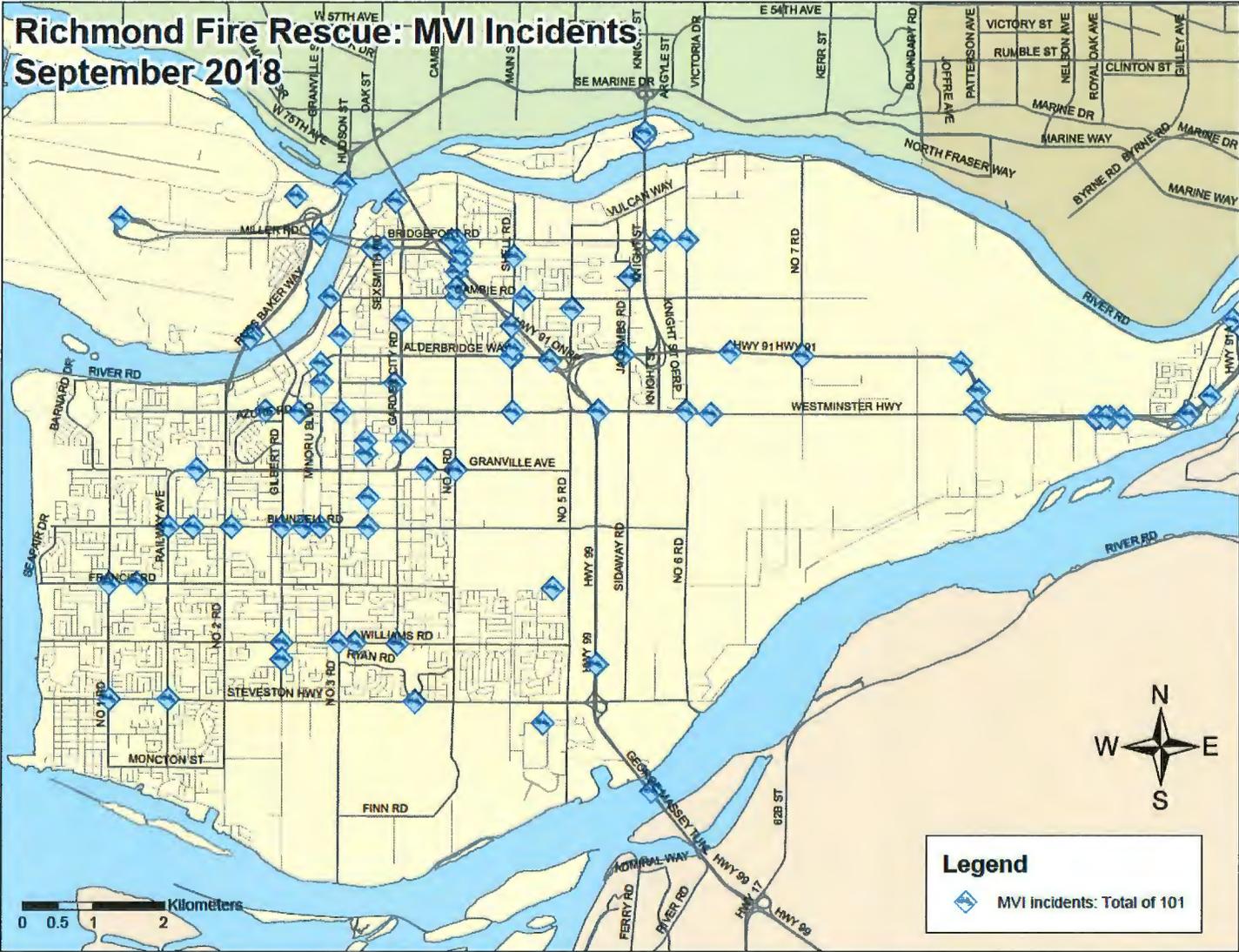


Figure 3: Location of MVI calls in September (total 101)





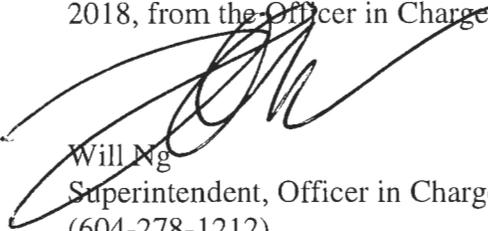
City of Richmond

Report to Committee

To: Community Safety Committee
From: Will Ng, Superintendent
Officer in Charge, Richmond RCMP Detachment
Date: October 16, 2018
File: 09-5000-01/2018-Vol
01
Re: RCMP Monthly Activity Report – September 2018

Staff Recommendation

That the report titled “RCMP Monthly Activity Report – September 2018”, dated October 16, 2018, from the Officer in Charge, Richmond RCMP Detachment, be received for information.


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

Att. 3

REPORT CONCURRENCE	
CONCURRENCE OF GENERAL MANAGER 	
REVIEWED BY STAFF REPORT / AGENDA REVIEW SUBCOMMITTEE	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 Crime Statistics
3. Crime Trends Across Jurisdictions
4. Auxiliary Constable Program
5. Block Watch
6. Community Police Stations and Programs
7. Crime Prevention Unit
8. Road Safety Unit
9. Victim Services
10. Youth Section

This report supports Council's 2014-2018 Term Goal #1 A Safe Community:

Maintain emphasis on community safety to ensure Richmond continues to be a safe community.

Analysis

Activities and Noteworthy Files

Assault, Kidnapping and Robbery

On September 11, 2018, the Richmond RCMP issued a media release warning the public of the safety risks associated with dating apps use and meeting strangers in non-public areas. The warning was prompted by two separate incidents on September 8 and 9, 2018. Both male victims went to a residence to meet a female they had met through the dating app Tantan. In the first instance, the victim was assaulted by two suspects. In the second instance, the victim was abducted and forced to withdraw funds from an ATM before being released. The incidents are under investigation.

BC Wildfire Deployments

In September 2018, RCMP members from Richmond Detachment concluded their deployments to the wildfires in northern British Columbia. For approximately one month, police officers from Richmond Detachment assisted in various capacities in wildfire relief. These roles included participating at the Division Emergency Operations Centre and managing logistics across the various communities affected. Auxiliary Constables also volunteered 100 hours in assisting relief efforts.

Suspicious Death

On September 20, 2018, Richmond RCMP responded at an empty residence in the 9000 block of Odlin Road for the discovery of a deceased male. The death is considered suspicious. The Integrated Homicide Investigation Team has conduct of the investigation and will be working in close partnership with Richmond RCMP.

Consumer Data Investigation

On September 21, 2018, Richmond RCMP announced an investigation into the online sale of data storage devices previously belonging to a well-known, no longer in business, computer retailer. These devices are alleged to still contain the data of consumers, former employees, as well as addresses and payment information. The devices have been seized by the Richmond RCMP and the investigation is ongoing.

Residential Break and Enter Arrest

On September 25, 2018, Richmond RCMP responded to an in progress residential break. The homeowner was alerted of the incident through his home security system. The Lower Mainland Integrated Police Dog Services were deployed to assist in locating the suspects. A 16-year old male suspect was located and arrested. Richmond RCMP is looking for a second suspect and have issued a media release with the suspect's description.

Analysis of Crime Statistics

Arson

In September 2018, there were 2 incidents of arson, which is down two from the previous month and represents no change from September 2017. This number is within the five-year statistical average range. Year to date, the number of arsons is down 27 per cent from the same period last year.

Assault Serious (Assault with a Weapon)

There were five assault serious events in September 2018, which is a 50 per cent reduction from the previous month. The number of assault serious files this month is significantly below the five-year average range and represents a marked decline of 13 incidents from September 2017, during which a statistically high number of assaults occurred (18). Year to date totals are down 19 per cent from the same period last year.

Auto Theft

There were 39 auto theft incidents this month, which is a three per cent increase from August 2018. The number of auto thefts this month is outside of the five-year average range and represents a 22 per cent increase from September 2017. This increase is connected to the increase in residential break and enters during which offenders are able to gain access to home owner's vehicles.

Year to date totals indicate there has been an eleven per cent reduction in the number of auto thefts compared to the same period last year.

Drugs

In September 2018, there were 51 drug incidents, which is a six per cent decline from the previous month. This number represents an eleven per cent reduction from September 2017 and remains within the five-year average range.

Mental Health

There were 118 mental health incidents in September 2018, which represents a two per cent reduction from August 2018. This is one more incident than was recorded in September 2017. Mental health incidents this month are outside the five-year average range. Year to date totals indicate there has been a four per cent increase in mental health-related files over the same period last year.

Although the number of mental health-related incidents continues to be elevated this month, the increase is not attributable to increases in high volume clients. In general, the increase is due to the activities of a variety of individuals.

Residential Break and Enter

There were 84 break and enters to residences in September 2018, which is a 27 per cent increase from the previous month. The total number of residential break and enters this month is outside the expected range and represents a 127 per cent increase from September 2017. Year to date, the number of residential break and enters is 23 per cent higher than during the same period last year.

Residential break and enters have been elevated for three consecutive months and this crime type continues to be one of the Detachment's active crime priorities. At this time no major patterns have been identified. Police continue to target problem areas. On September 19, 2018, the Richmond RCMP issued a media release advising the public of a significant increase in the number of residential break and enters and reminded residents to increase the security of their home through various safety measures, including the following:

- Ensure all doors and windows are secured and garage doors are closed;
- Keep vehicle keys somewhere secure and not close to the door;
- Join Block Watch;
- Have someone check on your residence when planning to be away for an extended period of time;
- Use timers on interior lights;
- Use monitored alarms and video security systems; and
- Report suspicious persons and vehicles to police.

Commercial Break and Enter

In September 2018, there were 24 break and enters to businesses, which is a 33 per cent reduction from August 2018. This number represents a 14 per cent decline from September 2017 and remains within the five-year expected range.

Robbery

There were four robberies in September 2018, which is down 50 per cent from the previous month. This number is below the five-year average range and represents no change from September 2017.

Sexual Offences

There were nine sexual offence files in September 2018, which is a 44 per cent reduction from the previous month. The number of sexual offences this month is 29 per cent higher than in September 2017 and remains within the five-year average range.

Year to date totals for 2018 indicate that there has been a 55 per cent increase in the number of reported sexual offences compared to the same period in 2017. No patterns or trends have been identified. This increase is primarily due to the significantly high number of offences recorded in January 2018. In particular, a large number of child pornography files were identified by the BC Integrated Child Exploitation Unit. In addition, there were a number of child pornography investigations originating from seizures at the Vancouver International Airport.

Shoplifting

There were 50 shoplifting thefts in September 2018, which is a 17 per cent decline from the previous month and a seven per cent reduction from September 2017. Reported shoplifting thefts are within the five-year expected range.

Theft from Auto

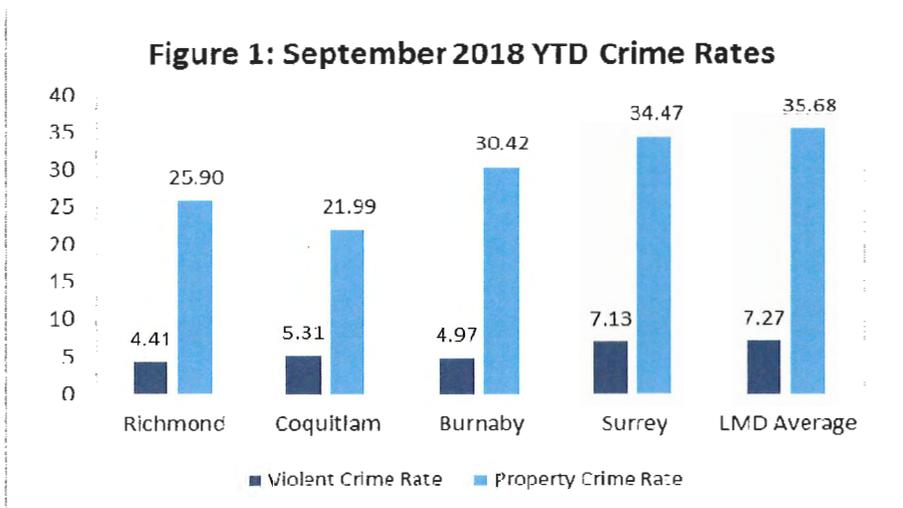
There were 182 theft from auto incidents in September 2018, which represents a seven per cent increase from the previous month. This number marks a 34 per cent increase from September 2017, however the total remains within the five year average range.

Crime Trends across Jurisdictions

Residential break and enters continue to be outside of the expected range in Richmond. At this time this trend has not been observed in neighbouring municipalities. Although an overarching trend has not been identified, some common elements have been noted. In a significant number of instances, break and enters are occurring to residences where the owner is away for an extended period of time. Offenders are also gaining access to residences through insecure doors and windows. This crime trend is also linked to an increase in the ancillary crime of auto theft. Offenders are often using keys obtained during residential break in's to steal vehicles. Richmond

RCMP’s media relations have addressed these various concerns and identified precautions residents can implement to prevent victimization.

For comparison jurisdictional data crime rates are presented below (Figure 1).¹ Out of the four largest municipalities policed by the RCMP in the Lower Mainland District (LMD), Richmond continues to have the lowest violent crime rate. Richmond’s property crime rate also remains low, ranking second lowest in its peer group.



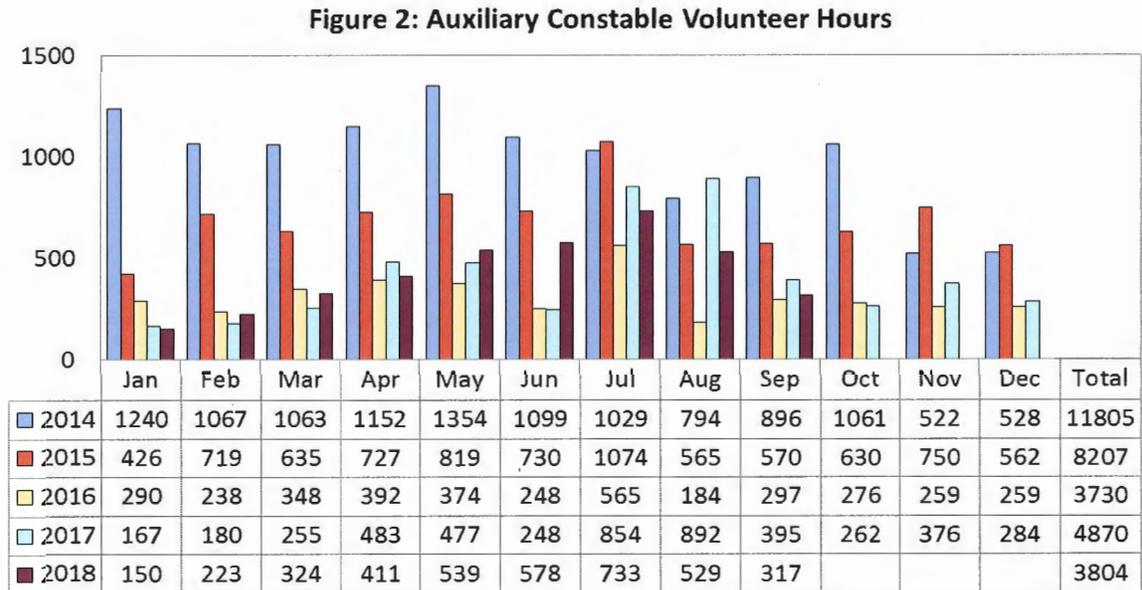
Auxiliary Constable Program

In September 2018, Richmond Detachment had a complement of 37 Auxiliary Constables. Auxiliary Constables provided a total of 317 volunteer hours during the month of September. In the coming months, the Province of BC and RCMP “E” Division are expected to announce the uniform and training standards for the new Tier 3 Auxiliary program; however, the details of these changes are not yet available.² Once these details are addressed, the Detachment will commence recruitment of a new troop of Auxiliary Constables, anticipated by the end of 2018.

¹ Crime rate is calculated per 1,000 people (using 2017 populations)

² <http://www.rcmp-grc.gc.ca/en/auxiliary-program-tiers>

Figure 2 compares the monthly hours of service provided by month from 2014 to 2018.



Auxiliary Constable Activities

Auxiliary Constables attend events in the community to promote a positive police presence, support RCMP members and provide traffic and crowd control. During the month of September Auxiliary Constables participated in:

- Autism Speaks Canada Walk
- Bait Car Deployments
- Crime Watch
- Home Security Checks
- Richmond World Festival
- School Sports

Block Watch

At the end of September 2018, the Block Watch program had 459 groups totaling 10,477 participants. Currently, the program includes 611 captains and co-captains.

Community Police Station Programs

Community police stations continue to enhance the Detachment’s policing services by providing an array of crime prevention resources and community safety initiatives. City staff and volunteers pursue safety initiatives to enhance crime prevention program awareness, community engagement and police accessibility. These initiatives help to reduce anxiety and fear related to crime. The program activities vary from month to month reflective of weather conditions, seasonal initiatives, events and the availability of volunteers.

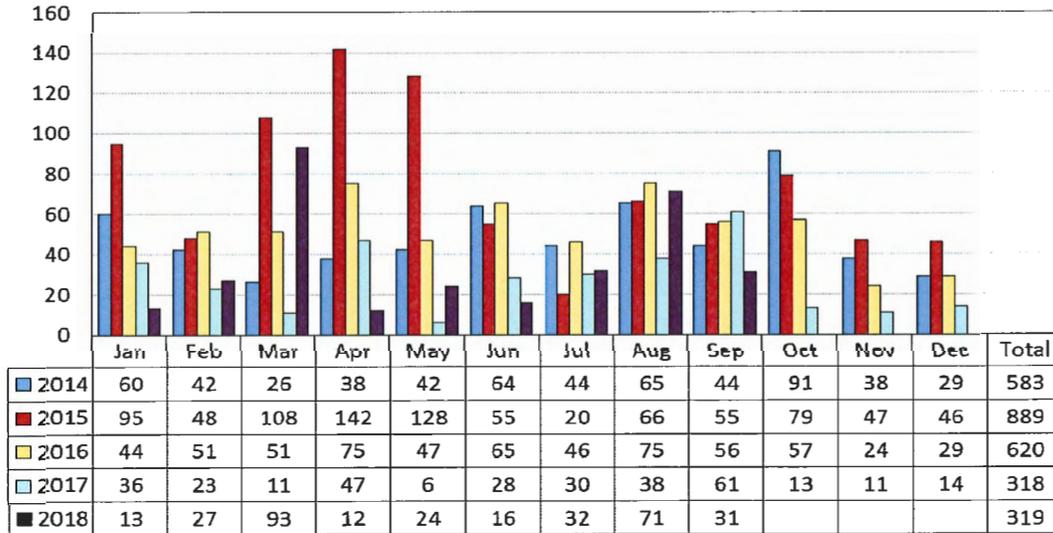
During the month of September volunteer highlights included:

- The deployment of 47 foot/van patrols totalling 329 hours and 10 bike patrols totalling 98 hours.
- 52 Fail to Stop deployments took place, which resulted in 1,492 warning letters.
- Speed Watch was conducted on 8,899 vehicles at various locations.
- September 10 – While volunteers were conducting Van/Foot patrols at Garden City Park, they reported a homeless camp and advised the Detachment's Vulnerable Persons Unit.
- September 11 – A total of nine volunteers assisted five RCMP members with a Distracted Driving Blitz during which 3,858 vehicles were checked. Police issued three tickets.
- September 13 – Volunteers attended the Minoru Senior Centre, pool, arena and track and distributed 160 brochures regarding the Canada Revenue Agency scam.
- September 19 – A total of 18 volunteers participated in a Cell Watch Blitz with deployments at numerous locations across Richmond. Over the course of six hours 9,642 vehicles were checked for distracted drivers and 83 warning letters were issued.
- September 20 – Three volunteers participated in a Schools Sports event at Homma Elementary School.
- September 24 – Nine volunteers and an RCMP member participated in a Residential Hot Spot Blitz, visiting 45 homes and speaking to approximately 90 residents. Home security, Block Watch and property crime prevention information was disseminated.
- September 27 – Six volunteers participated in a Distracted Driver Blitz at two locations. A total of 2,874 vehicles were checked.
- September 30 – Four volunteers attended the Autism Speaks Canada Walk, along with an RCMP member and provided crime prevention information while engaging with members of the public.

Distracted Drivers

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

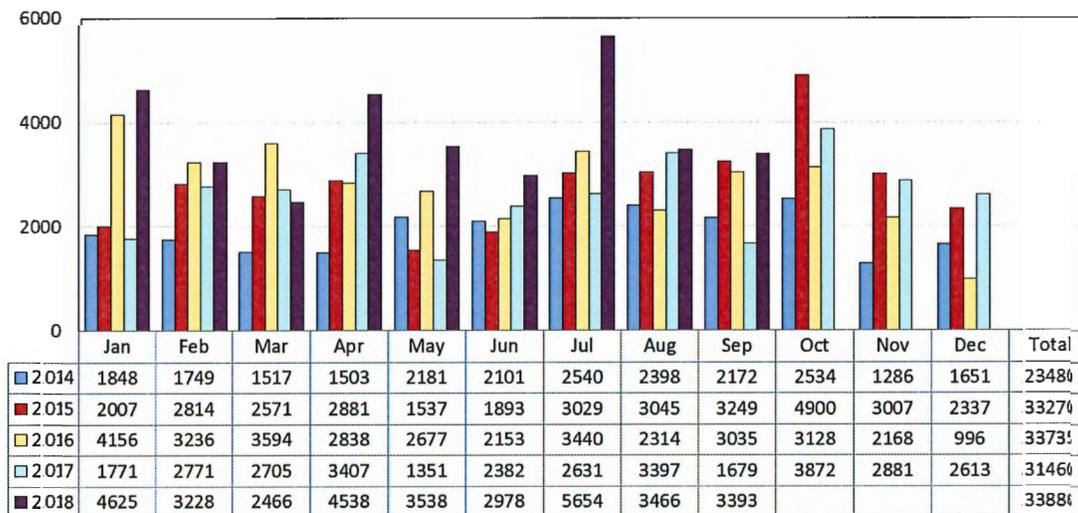
Figure 3: Distracted Driver Letters Sent



Lock-Out Auto Crime

Figure 4 provides a comparison by year of the number of vehicle notices issued.

Figure 4: Lock Out Auto Crime Vehicles Issued a Notice

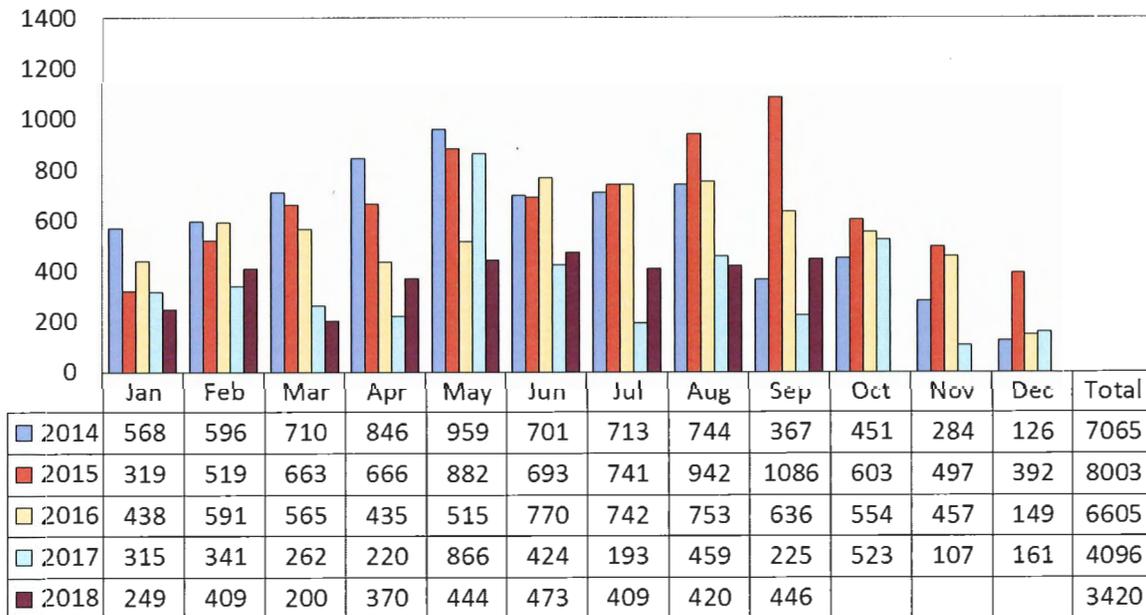


³ The total for March 2018 includes 92 warning letters that were sent as a result of the multiple Distracted Driving Campaign Blitzes which occurred that month.

Speed Watch

Figure 5 provides a yearly comparison of the number of letters sent to registered vehicle owners.

Figure 5: Speed Watch Letters Sent



Crime Prevention Unit

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

- Autism Speaks Canada Walk
- Distracted Driving Blitzes
- Ironwood 20th Anniversary
- Operation Hang Up with ICBC
- Vulnerable Institution Patrols

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. The following statistics compare September 2018 data to both July 2018 and August 2018. During “Operation Hang Up” on September 19, 2018, the Road Safety Unit issued 58 Violation Tickets to distracted drivers.

Violation Tickets were issued for the following infractions:

Infraction	July 2018	August 2018	September 2018
Distracted Driving	81	57	107
Driver License	227	162	233
Impaired	31	31	31
Intersection offences	125	93	106
Moving Violations ⁴	132	225	207
Speeding	562	271	229
Seatbelts	10	11	7
Vehicle Related ⁵	61	55	62
Other ⁶	13	3	15
Total	1242	908	997

Parking Tickets:

Name	Act	Example	July 2018	Aug 2018	Sept 2018
Parking	Municipal Bylaw	Municipal parking offences	26	26	10

Victim Services

In September 2018, Victim Services responded to a number of cases involving property crime, motor vehicle accidents and medical related sudden deaths resulting in 66 new clients and attendance to 14 crime/trauma scenes. The unit currently maintains an active caseload of 144 ongoing files.

Youth Section

The 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 September, Youth Section highlights include:

- Youth Section began implementing the DARE schedule for the 2018-2019 school year, resulting in 36 DARE classes presented this month.
- Members in the Youth Section ensured curfew checks were completed for a number of youth having court ordered curfews.
- Members in the Youth Section attended Camp Stillwood at Cultus Lake with students from Steveston London Secondary School.

⁴ Moving violations 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.

Financial Impact

None.

Conclusion

The Officer in Charge, Richmond Detachment continues to ensure Richmond remains a safe and desirable community.



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

EW: mf

- 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

Difference Maker Project

- The Difference Maker Project is an off-shoot of the School Sports Programs. Elementary school students are mentored by teachers, police officers and community ambassadors. This activity aims to encourage social and civic responsibility amongst elementary and secondary school aged youth through community projects.

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.

SEPTEMBER 2018 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. For 2017, some inclusion criteria have been modified to improve accuracy and accommodate RCMP scoring regulations. For more information, contact Richmond Crime Analysts.

The Average Range data is based on activity in a single month over the past 5 years. If the current monthly total for an offence is above the expected average range (using a standard deviation), it will be noted in **red**, while below expected numbers will be noted in **blue**. Year-to-Date percentage increases of more than 10% are marked in **red**, while decreases of more than 10% are **blue**.

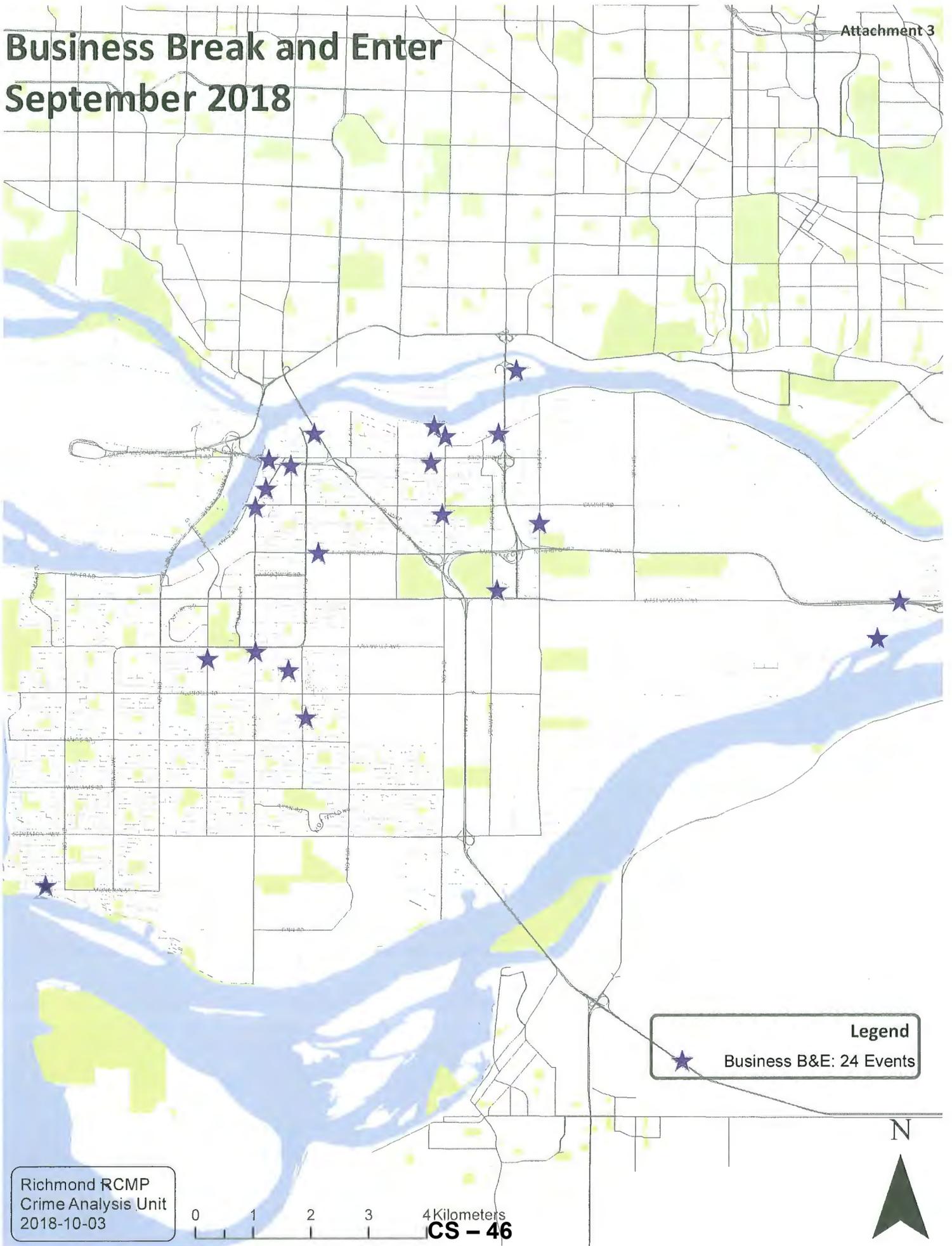
	Month	5-Yr Avg	5-Yr Range	Year to Date Totals			
	Sept-18	September		2017	2018	% Change	# Change
VIOLENT CRIME (UCR 1000-Series Offences)	111	110.0	98-122	1050	991	-6%	-59
Robbery <small>UCR 1610 (1-3)</small>	4	5.6	5-6	43	44	2%	1
Assault Common <small>UCR 1430</small>	40	38.8	31-47	360	352	-2%	-8
Assault Serious <small>UCR 1410 1420</small>	5	13.0	9-17	122	99	-19%	-23
Sexual Offences <small>UCR 1345, 1330, 1355, 1310</small>	9	12.0	9-15	71	110	55%	39
PROPERTY CRIME (UCR 2000-Series Offences)	652	616.6	534-699	5772	5749	0%	-23
Business B&E <small>UCR 2120-1</small>	24	28.2	21-36	296	282	-5%	-14
Residential B&E <small>UCR 2120-2</small>	84	54.8	33-77	460	568	23%	108
Auto Theft <small>UCR 2135 (1-10), 2178</small>	39	27.8	20-36	254	225	-11%	-29
Theft from Auto <small>UCR 2132, 2142</small>	182	170.2	135-205	1507	1718	14%	211
Theft <small>UCR 2130, 2140</small>	69	99.4	85-114	851	772	-9%	-79
Shoplifting <small>UCR 2133, 2143</small>	50	54.6	46-64	476	551	16%	75
Fraud <small>UCR 2160 (1-10), 2165, 2166</small>	78	60.4	47-74	676	653	-3%	-23
OTHER CRIMINAL CODE (UCR 3000-Series Offences)	960	914.8	810-1020	8376	8394	0%	18
Arson <small>UCR 1629, 2110</small>	2	5.4	2-8	30	22	-27%	-8
SUBTOTAL CC OFFENCES (UCR 1000 to 3000 Series)	197	188.2	158-218	1554	1654	6%	100
DRUGS (UCR 4000-Series Offences)	51	55.6	51-61	542	494	-9%	-48
MHA RELATED CALLS (MHA files or Mental Health flag)	118	100.0	87-113	1089	1137	4%	48

Prepared by Richmond RCMP Crime Analysts.

Data collected from PRIME on 2018-10-03. Published 2018-10-03.

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). **CS - 45**

Business Break and Enter September 2018



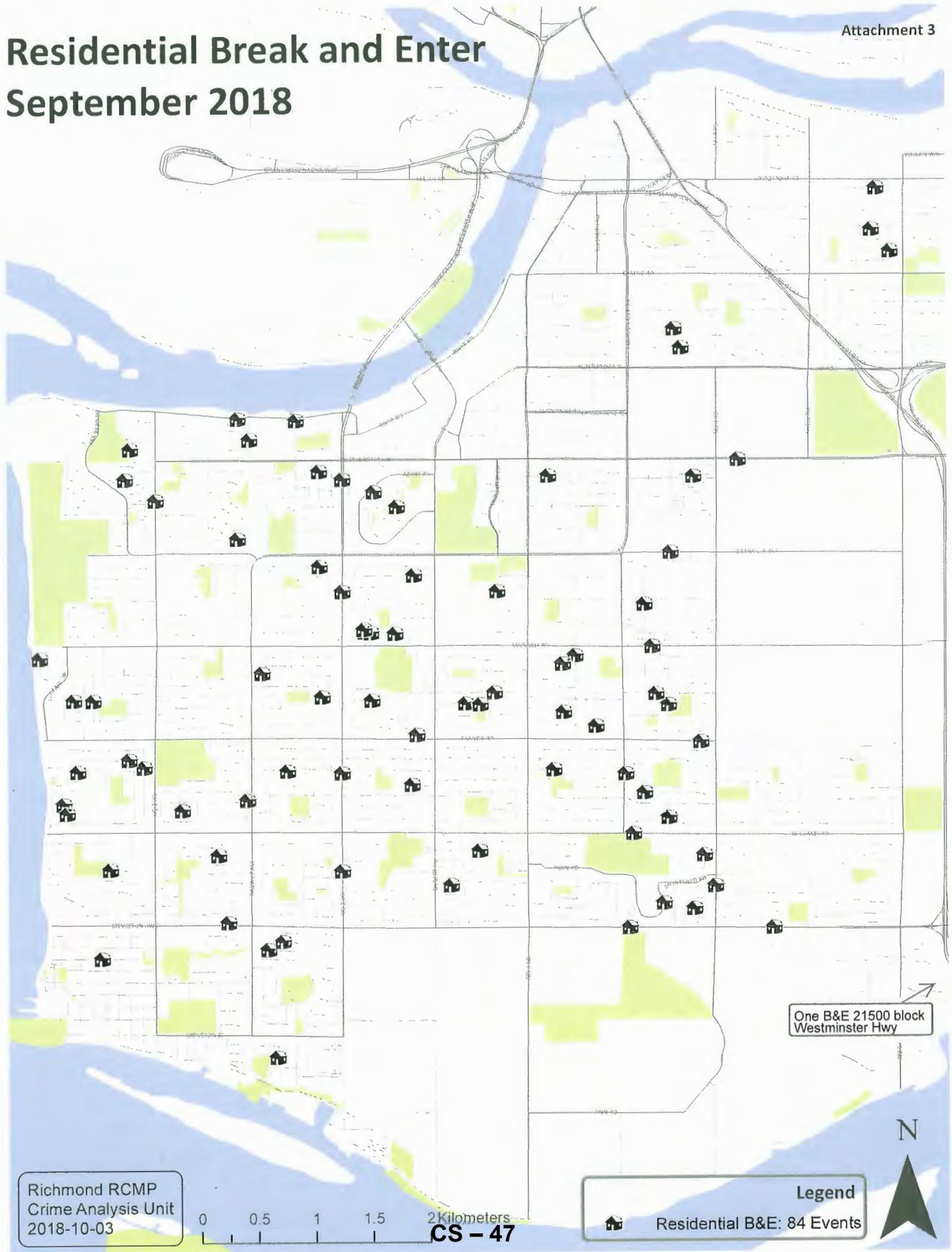
Richmond RCMP
Crime Analysis Unit
2018-10-03

0 1 2 3 4 Kilometers
CS - 46

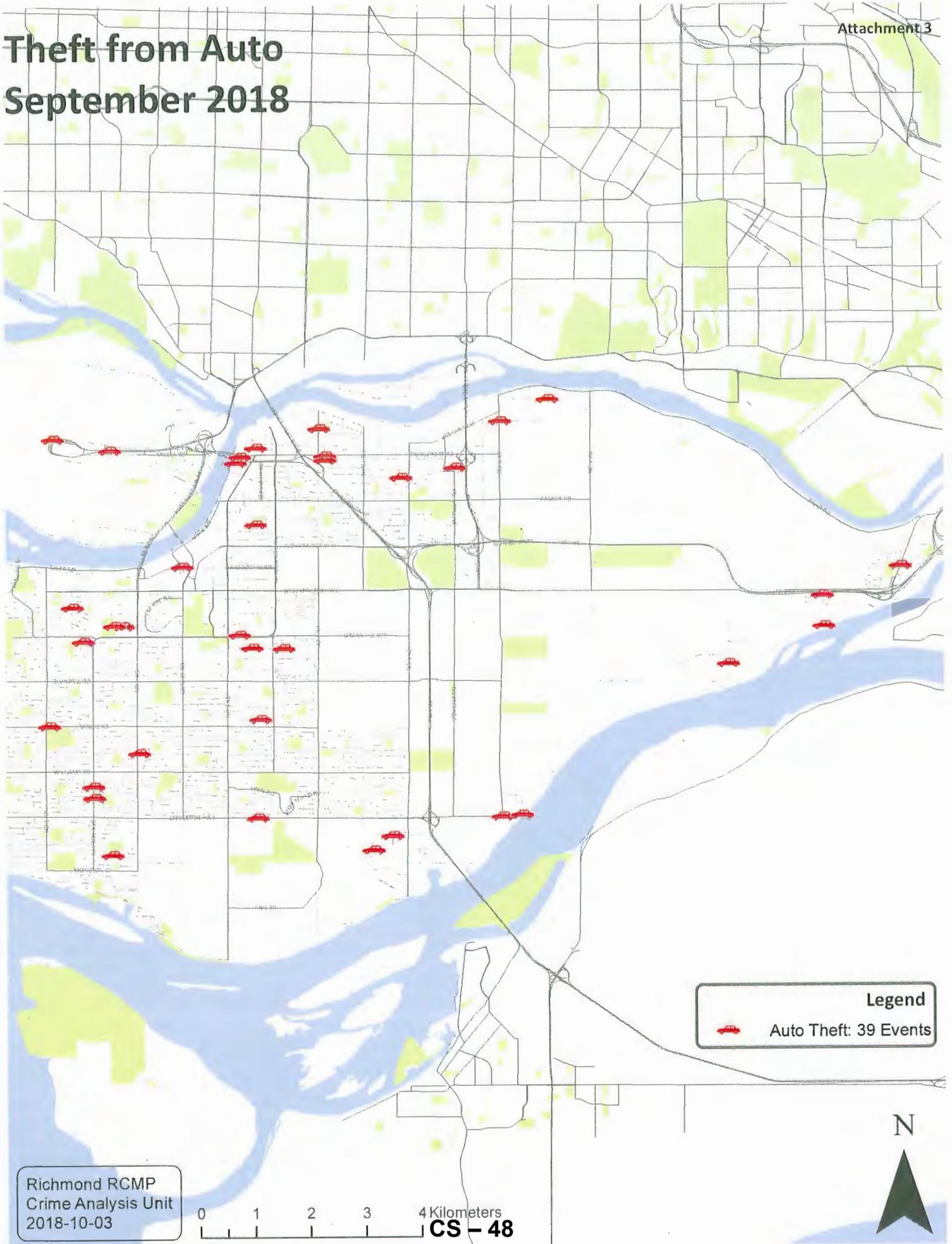
Legend
★ Business B&E: 24 Events



Residential Break and Enter September 2018



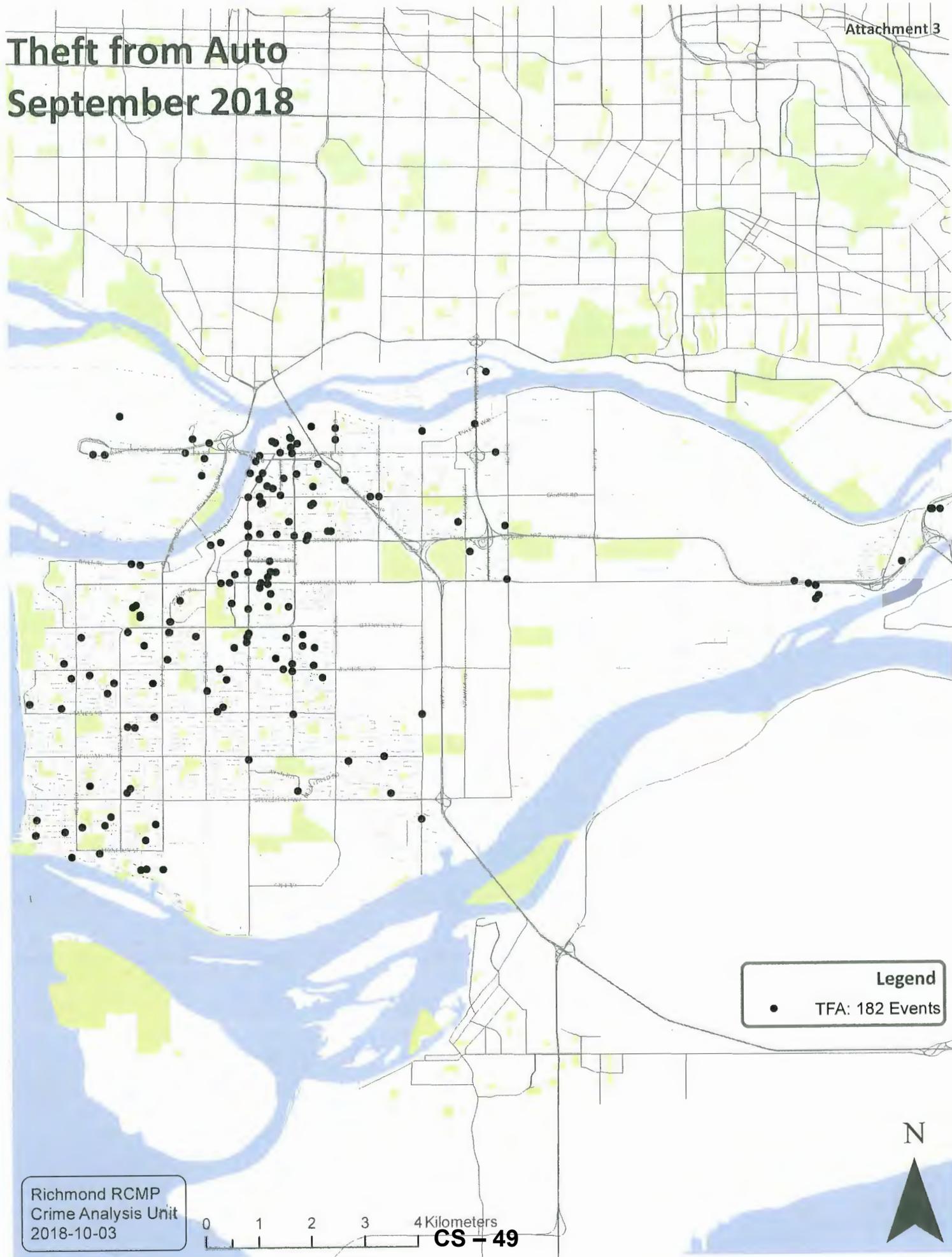
Theft from Auto September 2018



Richmond RCMP
Crime Analysis Unit
2018-10-03

0 1 2 3 4 Kilometers
CS - 48

Theft from Auto September 2018



Legend
• TFA: 182 Events

Richmond RCMP
Crime Analysis Unit
2018-10-03

0 1 2 3 4 Kilometers
CS - 49





To: Community Safety Committee **Date:** October 24, 2018
From: Will Ng, Superintendent **File:** 10-6450-09-01/2018-
 Officer in Charge, Richmond RCMP Detachment Vol 01
Re: **River Road – Report Back on Richmond RCMP Enforcement Activities**

Staff Recommendation

That the report titled “River Road – Report Back on Richmond RCMP Enforcement Activities” dated October 24, 2018 from the Manager, RCMP Administration be received for information.

Will Ng, Superintendent
 Officer in Charge, Richmond RCMP Detachment
 (604-278-1212)

Att. 1

REPORT CONCURRENCE		
ROUTED TO: Transportation	CONCURRENCE <input checked="" type="checkbox"/>	CONCURRENCE OF GENERAL MANAGER
REVIEWED BY STAFF REPORT / AGENDA REVIEW SUBCOMMITTEE	INITIALS: WJ	APPROVED BY CAO

Staff Report

Origin

At the February 21, 2018 Public Works and Transportation Committee meeting, discussion occurred regarding the implementation of potential road safety measures along River Road between No. 6 Road and Westminster Highway. As a result, the following referral was made:

- (1) *That consideration of public consultation on road safety measures on River Road between No. 6 Road and Westminster Highway be deferred pending police enforcement through the end of the summer and staff report back on its effectiveness.*

This report responds to the referral with the outcome of the enforcement activities undertaken since February 2018 and also provides a status update on the implementation of selected road safety measures.

This report supports Council's 2014-2018 Term Goal #1 A Safe Community:

Maintain emphasis on community safety to ensure Richmond continues to be a safe community.

Background

Fatal Motor Vehicle Incidents on River Road

From January 2010 to September 2018, there were 55 fatal Motor Vehicle Incidents (MVI) in the City of Richmond. Six fatal MVIs occurred on River Road between No. 7 Road and Westminster Highway (11% of the total). This percentage is disproportionately high considering that this section of River Road is a very small fraction of the total road area in the City of Richmond. Furthermore, the percentage of MVIs resulting in a fatality is very high compared to other MVI locations. The cause of death in three of the MVIs was from drowning. Speed was a factor in all of these MVIs. The cause of death in the remaining three incidents included two collisions between a vehicle and a structure and one collision between a vehicle and a cyclist.

2018 River Road Project

In February 2018, a number of residents who live on and around the eastern portion of River Road expressed increased concern with road safety issues in their neighbourhood to both the Community Safety Committee and the Public Works and Transportation Committee. Their primary concerns were identified as speeding vehicles and vehicles and cyclists not sharing the road.

Richmond RCMP was directed by Committee to implement a project through Summer 2018 to monitor and address these issues and report back in Fall 2018. The project aimed to reduce the speed of drivers and to encourage the sharing of the road between vehicles and cyclists. A number of initiatives were implemented in collaboration with various City departments including speed enforcement, bicycle enforcement, Speed Watch, public education, media outreach, and collaboration with the City of Richmond Transportation Department and Community Bylaws parking enforcement.

Analysis

Education and Safety Awareness Campaigns

As directed by Committee, Richmond RCMP created enhanced awareness of safety concerns on River Road by highlighting the issue in media releases and through social media posts. Richmond RCMP used social media to promote road safety on eight separate occasions on Twitter; three of these were specifically regarding River Road. These tweets received a wide audience through dissemination on other social media platforms including Facebook and Reddit.

On May 17, 2018, two digital sign boards with messages were deployed one at each end of River Road (Figure 1). The digital sign boards were left in place 24 hours a day for a total of 28 days. The signs were visible during the day and illuminated at night.

Initially, the sign boards displayed the following message:

"Police Check Zone. Drivers watch your speed. Cyclists share the road"



Figure 1: Digital Sign Board

These messages were updated on May 29, 2018 to read:

"Police Check Zone. 250 tickets so far in 2018. Are you next?"

Speed Watch Deployments

Richmond RCMP Community Policing Volunteers were instrumental in education and public safety awareness campaigns and provided 306 volunteer hours to Speed Watch deployments. RCMP members also contributed 102 hours to this initiative. Speed Watch is a joint initiative with ICBC which promotes safe driving habits by alerting drivers of their speed. Trained volunteers are equipped with radar and a Speed Watch reader board which gives drivers instant feedback on their speed. When drivers are not respecting the posted speeds, a letter is sent to the registered vehicle owner with information on the safety risks associated to the observed behaviour and the applicable fines. Speed Watch data is provided for information. Data analysis was not conducted on the percentage of notices issued as the primary focus of this report is to identify if increased enforcement activities lead to a reduction in speeding.

The following data was collected from February to September 2018:

- 34 Speed Watch deployments occurred
- 5,148 vehicles went through a Speed Watch deployment
- 691 notices were sent to drivers

Cyclist Engagement

An important component of the River Road project was to engage with cyclists to deter unsafe cycling practices, including *Motor Vehicle Act* violations. The Richmond RCMP Bike Unit engaged with local cycling groups, including HUB Cycling, Richmond Active Transportation Committee and several privately affiliated cycling clubs. The Bike Unit was also deployed to

River Road on overtime in June 2018 to observe cyclists and encourage cycling safety and etiquette.

No large groups of cyclists were observed committing *Motor Vehicle Act* offences during any of the police speed enforcement operations, Bike Unit operations or volunteer Speed Watch deployments. No violation tickets were issued to cyclists as no offences were observed during the deployment. Police regularly engaged with numerous cyclists riding in smaller groups and encouraged safe cycling practices. The cyclists were appreciative of the positive police engagement. The common message received from cyclists is that they share the concern of speeding vehicles on River Road.

Community Engagement

During speed enforcement operations, motorists and cyclists engaged with police officers and expressed appreciation for conducting enforcement. Many were local residents or individuals who commuted regularly along River Road. The communication with local residents was positive and they expressed appreciation for speed enforcement in the area. Officers also spoke to drivers while issuing violation tickets, explaining that River Road was a priority due to the number of fatalities along that stretch of road. Some of drivers apologized for their speed and acknowledged the risk in their driving behaviour.

Increased Enforcement

In February 2018, Richmond Detachment launched an enhanced Traffic Enforcement Initiative on River Road between No. 7 Road and Westminster Highway, which concluded at the end of September 2018. This project included speed enforcement operations by Richmond RCMP Road Safety Unit on regular shifts and overtime shifts, Richmond RCMP General Duty patrols, Richmond RCMP SPAT (Special Attention) dispatch tracking, Richmond RCMP Bike Unit patrols, and joint operations with Richmond RCMP and City of Richmond Bylaws. As these road safety concerns are multi-jurisdictional, the Lower Mainland Integrated Road Safety Unit was also deployed to conduct speed enforcement in the area.

A total of 34 operations and patrols were documented on River Road for this project. Six of the operations were conducted by three officers on overtime, for a total of 180 hours of overtime. Richmond RCMP also conducted regular patrols which are not documented in this project. Resources were redirected from other RCMP initiatives to this project to ensure results.

Enforcement was mostly conducted in the 22,000-block of River Road, which is approximately 600 metres west of the CN Rail bridge. This area is straight, with no residences on the road and is typically where the fastest speeds are observed. This area is also close to the location of several of the fatal MVIs.

During this eight-month period, police issued 446 Violation Tickets, 365 for speeding offences and 81 for other *Motor Vehicle Act* offences. In addition, 19 vehicles were impounded for excessive speed (91 km/h and higher). Of note is that several of the drivers issued speeding tickets are residents on River Road.

Richmond RCMP will continue to work with City departments on public engagement and regular enforcement. However, the intensity of concentrated effort in a single stretch of road

cannot be sustained over the long term without either impacting other initiatives or requesting additional resources.

Enforcement of Truck Weight Limit

Richmond Bylaws issued 19 municipal violations to commercial vehicles when conducting joint operations. Police did not observe many overweight vehicles during the project. Truck traffic was confined mostly to dump trucks and large farming vehicles with legitimate reasons to travel the weight restricted section of River road in order to access farm land and rural lots.

Calls for Service / MVIs / Public Complaints

During the duration of this project, Richmond RCMP received two complaints regarding cyclists. Both were from the same resident who has made previous complaints on the same issue. No further complaints have been received. This coincides with the deployment of the digital sign boards, as well as the City's alterations to the signage and painted lines on River Road. One serious MVI occurred where a driver lost control and skidded off the road into the Fraser River. There were no injuries and speed was a factor.

Summary of Richmond RCMP Findings

Richmond RCMP conducted enhanced road safety enforcement along River Road for an eight-month period. The 365 speeding tickets issued represent 15 per cent of all speeding tickets issued in Richmond during this period. In contrast, the 446 total violation tickets issued on River Road represent only five per cent of total violation tickets written. Throughout the project police did not note any change in driving behaviour or reduction in speed along River Road, despite increased enforcement.

Enforcement and Speed Watch operations continued throughout the 28-day period where the digital sign boards were activated, with no noticeable reduction in speed. Several drivers admitted to observing the digital sign boards, while being issued speeding tickets. On September 28, 2018 Richmond RCMP conducted the final overtime speed enforcement operation of the project. On this date 22 speeding violation tickets were issued, including five excessive speed impounds. Police did not note any incidents of cyclists riding alone or in groups cycling in an unsafe manner or committing *Motor Vehicle Act* infractions.

HUB Cycling Assessment Report

HUB Cycling is a charitable organization that works to make cycling better through education, events, and collaboration. The Richmond/YVR Local Committee (the Committee) is one of HUB Cycling's 11 volunteer committees that encourages cycling for all ages and abilities (AAA) in municipalities across Metro Vancouver.

In March 2018, the Committee undertook an assessment ride of River Road between No. 6 Road and Westminster Highway to evaluate the safety, connectivity and opportunity to improve the current cycling infrastructure. Its findings were summarized in a report that was delivered to staff in September 2018 following implementation of the road safety measures outlined in Attachment 1. The road safety measures were implemented in Spring-Summer 2018 and operational by late August 2018 per direction given to staff at the March 21, 2018 Public Works

and Transportation Committee meeting. Table 1 outlines the Hub Cycling Committee’s recommendations and City staff’s responses.

Table 1: HUB Cycling Committee Recommendations and Staff Responses

HUB Cycling Committee Recommendation	Staff Response
Stronger enforcement of 50 km/h speed limit	<ul style="list-style-type: none"> Undertaken by Richmond RCMP
Driver and cyclist education to share the road	<ul style="list-style-type: none"> Undertaken by Richmond RCMP
Install “sharrows” (bike stencil with chevrons) and single file signage along entire length	<ul style="list-style-type: none"> Not appropriate as this roadway section is not a designated cycling route
Install continuous white edge line at constant lane width and allow shoulder width to vary	<ul style="list-style-type: none"> A varying shoulder width would require cyclists to weave across the white edge line (i.e., in the shoulder when it widens and in the travel lane when the shoulder is narrow or non-existent) Weaving is contrary to safe cycling behaviour that includes riding predictably in a straight line The white edge line would be maintained at the asphalt edge and refreshed where required
Convert double yellow centreline to single dashed centreline where appropriate	<ul style="list-style-type: none"> Completed in Summer 2018
Regular street sweeping and maintenance	<ul style="list-style-type: none"> Increased frequency to be considered as part of 2019 Operating Budget process
Widen road where possible to create paved mini pull-outs to allow vehicles to pass cyclists	<ul style="list-style-type: none"> Limited potential for widening road Recent conversion of centreline allows vehicles to safely pass cyclists

Before and After Travel Speed Data

Two speed reader boards were installed in late August 2018 on River Road in the vicinity of Valmont Way (approximately 1 km east of No. 6 Road) where it was possible to install the signage without impacting the dike (Figure 2). Installation of the remaining two pairs of locations for speed reader boards further east would impact the dike and thus is pending approval of the provincial Deputy Inspector of Dikes and anticipated in 2019.

The existing speed reader boards in the vicinity of Valmont Way display the following formats of vehicle speeds (the posted speed limit is 50 km/h):

- Below 50 km/h: vehicle speed shown in normal amber colour
- Between 50-70 km/h: vehicle speed shown in flashing amber
- Over 70 km/h: vehicle speed shown in flashing red

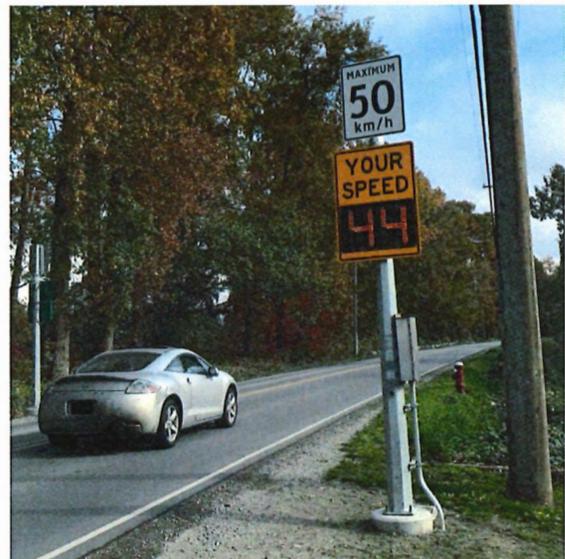


Figure 2: Speed Reader Board for Eastbound Traffic

Initially, the devices collected data for one week while appearing blank to motorists in order to establish the “before” conditions. After this first week, the devices then displayed vehicle speeds

to motorists in order to capture “after” conditions. As shown in Table 2, the “before” data and two sets of “after” results are reported: one set when there was no RCMP presence in the area and one set when RCMP enforcement was active.

Table 2: Speed Reader Board Data

Study Period (Pre or Post Speed (Reader Board Display))	85 th Percentile ⁽¹⁾		% Traffic Travelling at ≥69 km/h	
	Westbound	Eastbound	Westbound	Eastbound
Pre: Aug 30-Sep 6	69 km/h	67 km/h	15.4%	12.7%
Post: Sep 13-20 (without RCMP Enforcement)	66 km/h (-4.3%)	66 km/h (-1.5%)	9.2% (-40%)	8.9% (-30%)
Post: Oct 18 & 22 (with RCMP Enforcement)	65 km/h (-5.8%)	64 km/h (-4.5%)	7.3% (-53%)	5.8% (-54%)

(1) Travel speeds are expressed in terms of the 85th percentile (i.e., 85% of vehicles are travelling at or below that speed), which is typically used to determine the prevailing travel speed of a particular roadway.

For both westbound and eastbound traffic, the results indicate that the speed reader boards are effective in reducing the number of drivers travelling at an excessive speed of 69 km/h or higher (i.e., 40% and 30% reduction, respectively). The signs have a modest effect in decreasing the travel speeds of the majority of drivers (i.e., the 85th percentile speeds).

Based on these results, particularly with respect to reducing excessive travel speeds, City staff will proceed with installation of the remaining two additional pairs of locations for speed reader boards in 2019 and periodically rotate a total of four reader boards amongst the six locations. At this time, the Transportation Department recommends that the implementation of any speed humps will be deferred until the effectiveness of the full complement of speed reader boards is determined. City staff and Richmond RCMP would continue to monitor the results on the speed reader boards and report back, if necessary, on any further potential road improvements.

Financial Impact

None.

Conclusion

Richmond RCMP will continue to respond to complaints and conduct speed enforcement efforts on River Road as driving behaviour has remained unchanged. Increased enforcement has not led to a notable change in driver behaviour. Richmond RCMP recommends the consideration of traffic calming and speed limiting features to this section of River Road in order to reduce speeds to enhance safety to all road users.

The City's Transportation Department has identified that speed reader boards have resulted in positive reductions in excessive travel speeds. RCMP and Transportation staff will continue to monitor the results and report back if any further potential road improvements are recommended.



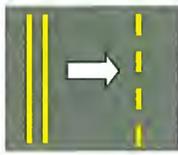
Ed Warzel
Manager, RCMP Administration

Att. 1: Status and Locations of Road Safety Measures Implemented

Status and Locations of Road Safety Measures Implemented



LEGEND

	Conversion of double yellow centreline to single dashed centreline	
	Installation of shoulder-mounted delineator posts along curve	
	"Caution" Signage (4 signs in each direction)	
	2 Speed Reader Boards (1 in each direction at Valmont Way)	