



City of Richmond

Report to Committee

To: Community Safety Committee

Date: March 12, 2018

From: Tim Wilkinson
Fire Chief, Richmond Fire-Rescue

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

Re: Richmond Fire-Rescue Monthly Activity Report – February 2018

Staff Recommendation

That the staff report titled “Richmond Fire-Rescue Monthly Activity Report – February 2018”, dated March 12, 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: CT
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.

Community event participation during February 2018 included the Touchstone Family Association and Richmond Caring Place Family Pancake Breakfast. This event was also staffed by volunteers from the Firefighters Union Charitable Association.

Staff engaged with over 300 children and adults during February, continuing to develop effective interagency relationships and partnerships within the community.

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 February 2018 there were a total 788 incidents, representing an 8.3 per cent reduction in calls from February 2017 (Attachment 1). The average time on scene for RFR crews was 27.50 minutes, an increase of three per cent from 2017. This is due to the nature and severity of each call and the duration on scene.

In February 2018 there were 19 reportable fires to the office of the Fire Commissioner; this figure is the same as February 2017. The average figure for fires reported in February, over the last five years, is 21.4, thus reportable fires in the month of February remains consistent with year over year trends. In February 2018, 66 apparatus were used and 212 fire personnel attended fire related incidents.

Fire damage and property losses during February 2018 are estimated at \$118,175. This total includes \$110,100 for building/asset loss and \$8,075 for content loss. The total building/asset and content value at risk was estimated to be \$11,304,271 and the total value preserved from damage was \$11,186,096. These numbers translate to 99 per cent of value protected (Table 1), this in an increase over 96 per cent protected value observed in 2017.

Table 1: Fire Calls By Type and Loss Estimates – February 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	1	801,000	85,000	10,000	7,000	719,000
Multi family	8	2,019,400	1,500	186,940	160	2,204,680
Commercial / Industrial	4	7,329,300	200	794,030	915	8,122,215
Outdoor	5	2,400	2,400	-	-	-
Vehicle / Vessel	1	161,201	21,000	-	-	140,201
Totals*	19	10,313,301	110,100	990,970	8,075	11,186,096

*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).

Fire crews minimized loss and limited fires to the place of origin in this notable February 2018 incident:

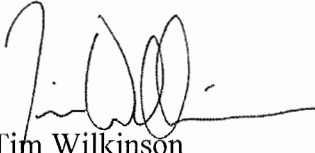
- Vehicle fire in parking lot located on Grant McConachie Way. Crews arrived on scene to a vehicle fully involved in fire which was impacting four other vehicles. Crews assumed command of scene and proceeded to attack the fire. The fire was knocked down quickly and there were no injuries reported. A Fire Investigator was requested to attend.

Financial Impact

None.

Conclusion

During February 2018, calls for service decreased by 8.3 per cent from February 2017. RFR will continue to monitor these activities to identify trends and ensure potential solutions.



Tim Wilkinson
Fire Chief
(604-303-2701)

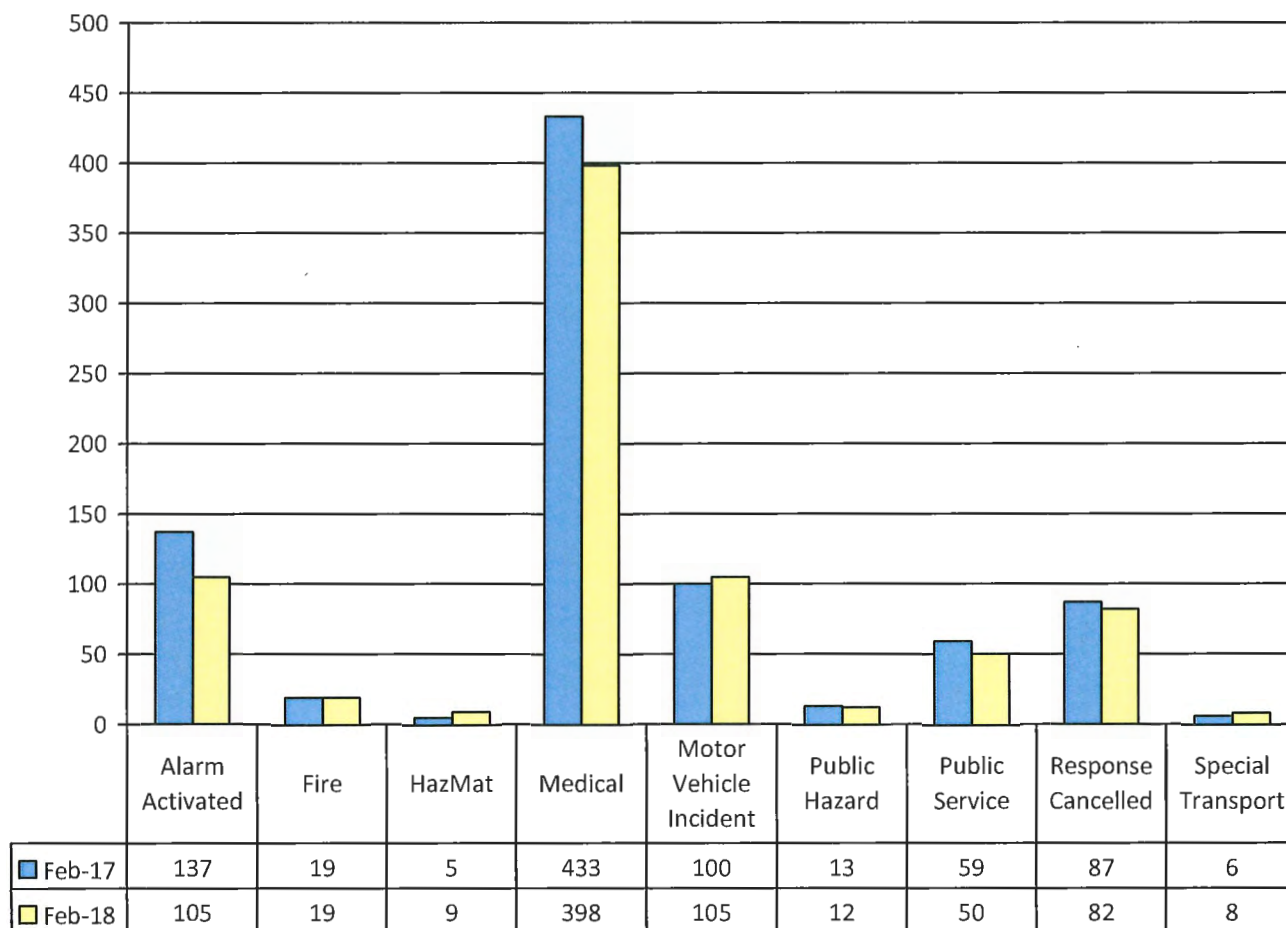
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- Att. 1: Suppression Activity
2: Location of February’s Fire, Medical and MVIs

Calls for Service Volumes

The following chart provides a month to month comparison regarding incidents occurring in February 2017 and 2018. In February 2018, there were a total of 788 incidents, compared to 859. This represents a decrease of 8.3 per cent.

Table 2: February 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 51.4 per cent of the total emergency responses for RFR during the month of February 2018. A detailed breakdown of the medical incidents for February 2018 and 2017 is set out in the following table by sub-type. There were a total of 501 medical incidents in February 2018 compared to 541 in February 2017, a decrease of 8.1 per cent.

Table 3a: February 2017 & 2018 Medical Calls by Type

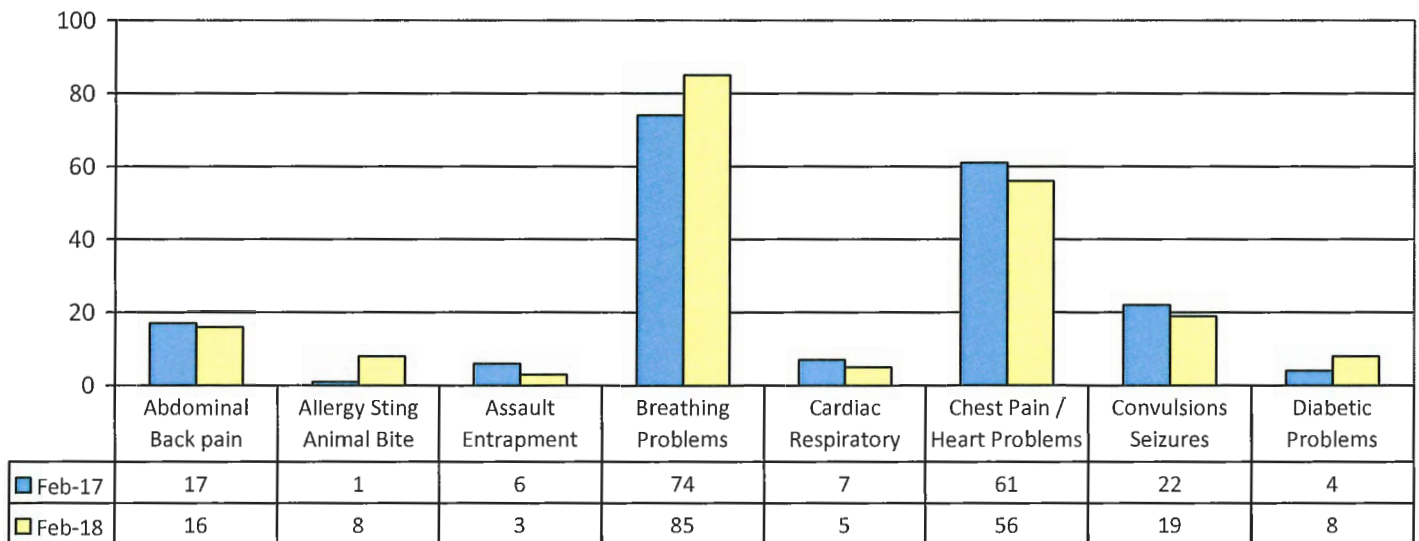
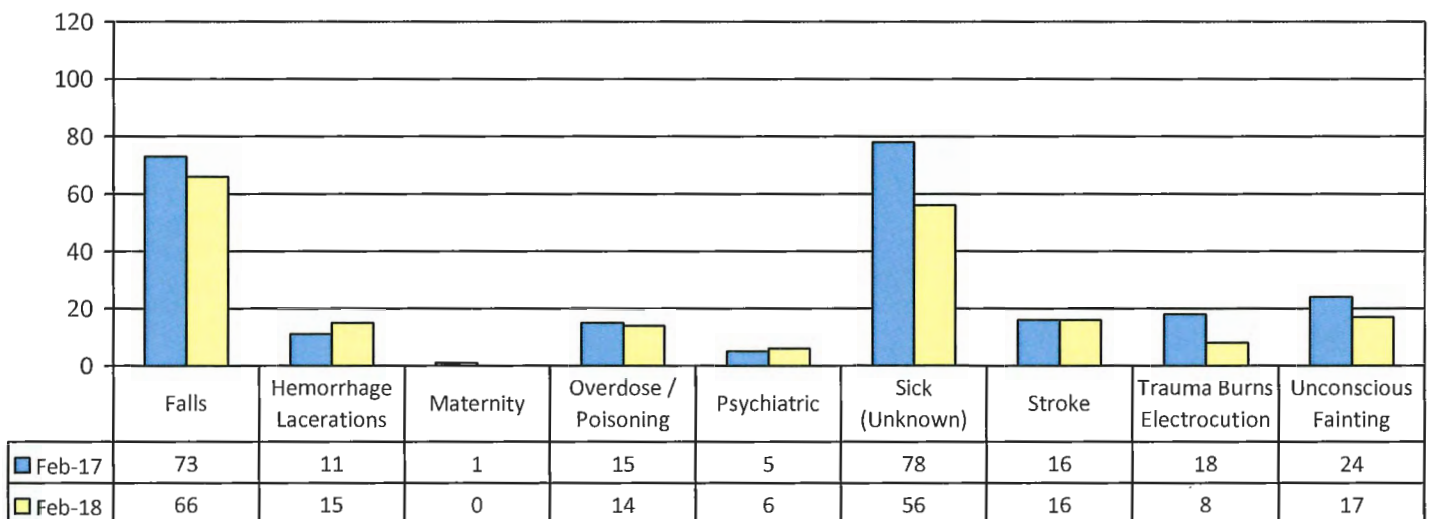


Table 3b: February 2017 & 2018 Medical Calls by Type



Fire Investigations

The fire investigation statistics for February 2018 are listed below:

Table 4: Total Fire Investigation Statistics – February			
	Suspicious	Accidental	Undetermined
Residential - Single-family	-	1	-
Residential - Multi-family	-	8	-
Commercial/Industrial	-	2	2
Outdoor	2	1	2
Vehicle	-	1	-
Totals	2	13	4

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

Hazardous Materials

Table 5: HazMat Calls By Type – February	
	Details
Flammable / Combustible Liquids	1
Natural Gas / Propane Leaks (small)	5
Unclassified	3
Totals	9

Figure 1: Location of reportable fires attended in February (total 19)

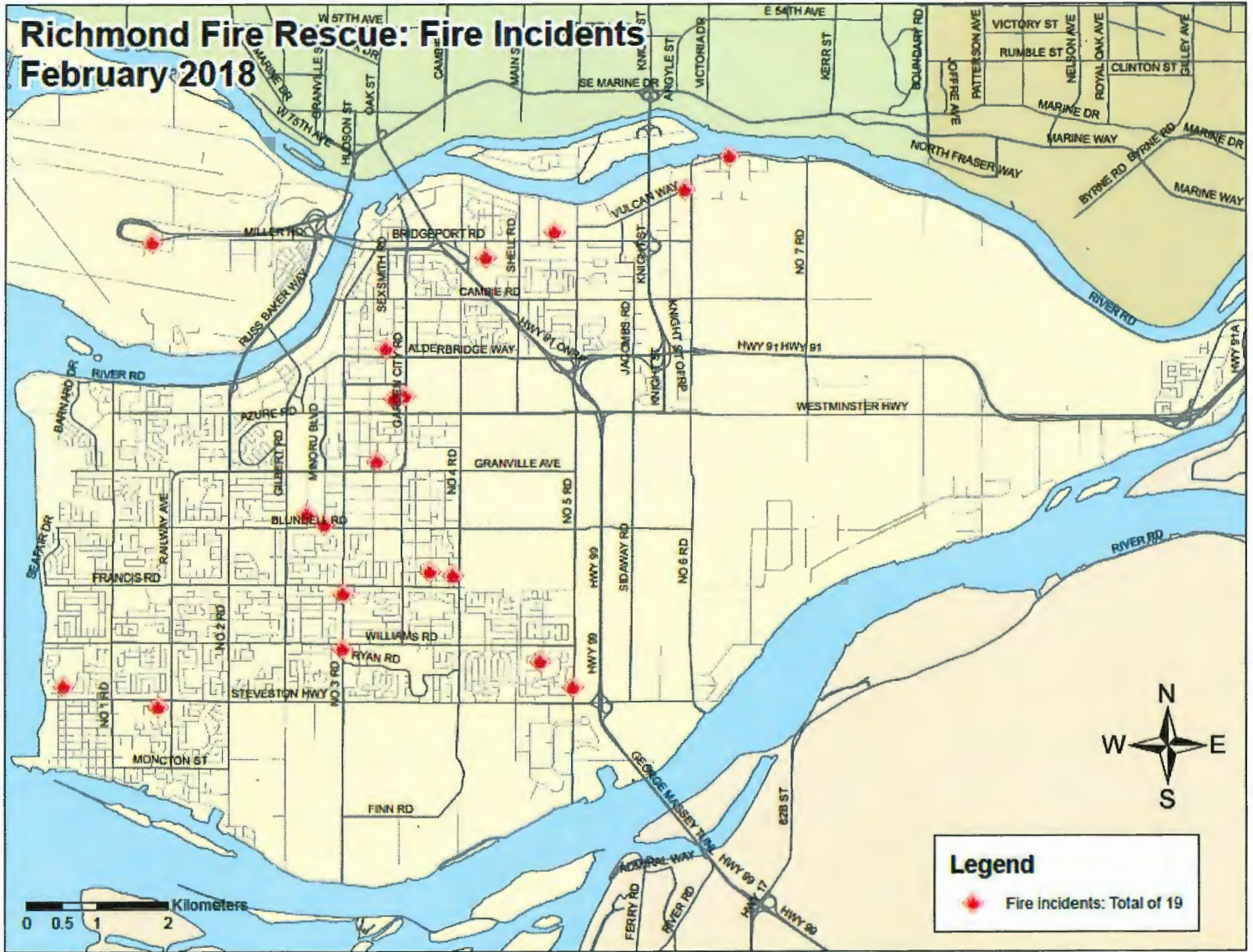


Figure 2: Location of medical calls in February (total 398)

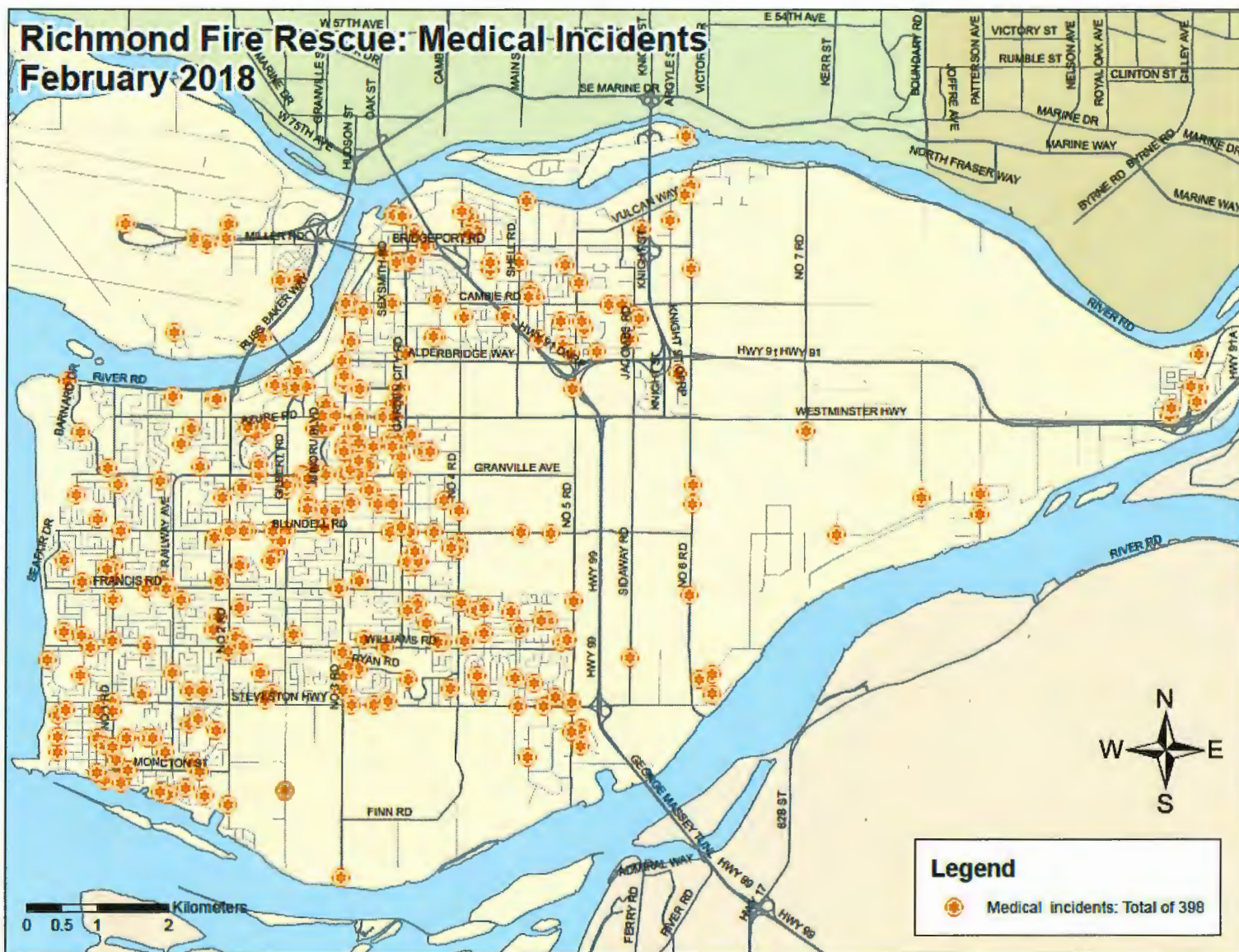


Figure 3: Location of MVI calls in February (total 105)

