

TO: MA on Tuesday, June, 17, 2014.
COUNCILLOR
FROM: CITY CLERK'S OFFICE
School District No. 38 (Richmond)
7811 Granville Avenue, Richmond, BC V6Y 3E3
Tel: (604) 668-0000 Fax: (604) 233-0150
*C. Jim Irving
Robert Gonzalez > FYI

DW	
MJ	
DB	
VAB	HW



June 5, 2014

The Honourable T. Wat, MLA (Richmond Centre)
300 - 8120 Granville Ave.,
Richmond, BC
V6Y 1P3

Dear Honourable Wat:

At its June 2, 2014 public meeting, the Board of Education (Richmond) received a staff report on the remediation of seismic issues at various schools. I have attached a copy of that report and have highlighted those schools in your constituency that have been deemed H1, H2 and H3 schools. The following are the definitions used by the Ministry of Education to determine the seismic ratings of schools.

- High 1 (H1): Most vulnerable structure; at highest risk of widespread damage or structural failure; not reparable after event.
- High 2 (H2): Vulnerable structure; at high risk of widespread damage or structural failure; likely not reparable after event.
- High 3 (H3): Isolated failure of building elements such as walls are expected; building likely not reparable after event.

All three of the High Risk ratings require Structural and non-structural seismic upgrades.

Of the 25 High Risk Schools in Richmond, as reflected on the attached report, the following 5 High Risk schools are within the Richmond Centre Constituency:

H1

- Sea Island
- Thompson
- Quilchena
- Cook

H2

- McKay

The Board then passed a resolution requesting staff to provide a strategy and timeline for prioritizing the funding applications to the Ministry of Education to remediate those high seismic risk schools.

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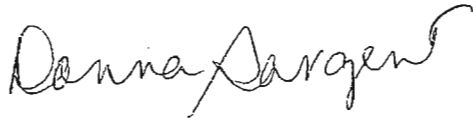
Board of Education:
Donna Sargent - Chairperson
Eric Yung - Vice Chairperson
Rod Belleza Kenny Chiu Norm Goldstein
Debbie Tablotney Grace Tsang



As you are aware, the Ministry of Education is responsible to fund the cost of seismic remediation in schools and, as the Board is very concerned with the safety of our students and staff, we urge you to support the school district in our application for funding for these seismic remediation projects.

We would like to discuss this item further with you as we prepare our application for funding and will be in touch with you to arrange an appropriate meeting time.

Yours sincerely,



Mrs. Donna Sargent, Chairperson
On Behalf of the Board of Education (Richmond)

cc: Trustees
Mayor and City Councillors
Director, City Clerk's Office, Richmond
M. Pamer, Superintendent of Schools
M. De Mello, Secretary-Treasurer
C. Mason, Director of Facilities and Planning

**Report to the Board of Education (Richmond)
Public Agenda**

DATE: May 29, 2014

FROM: Clive Mason Director of Facilities & Planning

SUBJECT: Seismic Mitigation Program

RECOMMENDATION

That the Board of Education (Richmond) request Staff to provide a strategy and timeline for prioritizing the funding applications to the Ministry to remediate the high seismic risk schools listed in this report as part of the 5 Year Capital Plan process.

BACKGROUND

This report will be the first of a series of periodic updates that are intended to keep parents, staff, the Community and all stakeholders engaged in the remediation decision-making to follow.

The Ministry of Education has committed to the seismic upgrading of Richmond schools since its first seismic risk assessments undertaken in 2004. As a result of this commitment, the Ministry surveyed 38 Richmond schools. Subsequently, between 2005 and 2006 School District 38 applied to the Ministry to fund the repair or replacement of more than 30 schools identified in this survey. From the list of schools on the District's Capital Plans, the Ministry funded the rebuilding of Brighthouse Elementary (2005 to 2011), the repair of Garden City Elementary (2005 to 2011), and the demolition of Old Mitchell Elementary (2006-2010). Steveston Secondary was also identified in this survey and was subsequently closed (2007).

In 2012, the Ministry announced new assessment results and a funding application process developed through the Association of Professional Engineers and Geoscientists (APEGBC). The assessments rated schools from the highest risk priority of High 1 (H1), through to High 2 (H2), and High 3 (H3). Medium risk (M) and Low risk (L) schools were also identified. The Ministry committed to fund the H1 schools first, followed by the H2 Schools, and so forth, and invited school districts to apply for this funding. In the new process, once an application from the District had been received and approved, the Ministry would commit to funding a school's seismic remediation. The 2012 list identified one Richmond school eligible for the District to apply for funding: Gilmore Elementary. In 2013 the Ministry committed to fund Gilmore's seismic remediation.

Because the new assessments had not been reviewed by the School District prior to the 2012 announcement, through APEGBC, the Ministry provided a way to have schools reassessed should there be a questionable difference between the new assessments and the assessments of 2004.

Over the past 18 months, the District has reassessed many Richmond schools and has submitted these to APEGBC and the Ministry for a risk assessment confirmation.

June 5, 2014

J. Yap, MLA (Richmond-Steveston)
4011 Bayview Street
Richmond, BC
V7E 0A4

Dear Mr. Yap:

At its June 2, 2014 public meeting, the Board of Education (Richmond) received a staff report on the remediation of seismic issues at various schools. I have attached a copy of that report and have highlighted those schools in your constituency that have been deemed H1, H2 and H3 schools. The following are the definitions used by the Ministry of Education to determine the seismic ratings of schools.

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High 3 (H3): Isolated failure of building elements such as walls are expected; building likely not reparable after event.

All three of the High Risk ratings require Structural and non-structural seismic upgrades.

Of the 24 recently reassessed High Risk Schools in Richmond, as reflected on the attached report, the following 12 High Risk schools are within the Richmond Steveston Constituency:

H1

Grauer
Steves
Blundell
Boyd
Maple Lane

H2

Kilgour
Ferris
Dixon
Errington

H3

Westwind
Diefenbaker
McKinney

The Board then passed a resolution requesting staff to provide a strategy and timeline for prioritizing the funding applications to the Ministry of Education to remediate those high seismic risk schools.

Board of Education:

Donna Sargent - Chairperson

Eric Yung - Vice Chairperson

Rod Belleza Kenny Chiu Norm Goldstein

Debbie Tablotney Grace Tsang

As you are aware, the Ministry of Education is responsible to fund the cost of seismic mediation in schools and, as the Board is very concerned with the safety of our students and staff, we urge you to support the school district in our application for funding for these seismic remediation projects.

We would like to discuss this item further with you as we prepare our application for funding and will be in touch with you to arrange an appropriate meeting time.

Yours sincerely,



Mrs. Donna Sargent, Chairperson
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Mayor and City Councillors
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Because the new assessments had not been reviewed by the School District prior to the 2012 announcement, through APEGBC, the Ministry provided a way to have schools reassessed should there be a questionable difference between the new assessments and the assessments of 2004.

Over the past 18 months, the District has reassessed many Richmond schools and has submitted these to APEGBC and the Ministry for a risk assessment confirmation.

Subject to receiving a letter to confirm the final designations by APEGBC, the following 24 schools (25 including Gilmore) have been evaluated as high seismic risk schools:

H1 Schools

Gilmore (Ministry Supported)
Grauer Elementary
Bridge Elementary
Woodward Elementary
Sea Island Elementary
Lee Elementary
Thompson Elementary
Steves Elementary
Blundell Elementary
Whiteside Elementary
Quilchena Elementary
Cook Elementary
Maple Lane Elementary
Hugh Boyd Secondary

H2 Schools

McKay Elementary
Kilgour Elementary
Tomsett Elementary
Ferris Elementary
Dixon Elementary
Errington Elementary
Mitchell Elementary

H3 Schools

Westwind Elementary
Diefenbaker Elementary
Tait Elementary
McKinney Elementary

Identification of a facility as a high seismic risk school does not mean that the building is structurally unsafe under regular conditions or that the occupants are in imminent danger. It does mean that the facility is at higher risk of structural failure from the shaking effects of an earthquake, and that it may be unusable following a seismic event of significant magnitude. Therefore, given the number of schools that have been identified as high seismic risk, a plan to prioritize remediation work is essential.



Clive Mason, Architect AIBC, LEED AP
Director of Facilities and Planning

June 5, 2014

The Honourable L. Reid, MLA (Richmond East)
130 – 8040 Garden City Road
Richmond, BC
V6Y 2N9

Dear Honourable Reid:

At its June 2, 2014 public meeting, the Board of Education (Richmond) received a staff report on the remediation of seismic issues at various schools. I have attached a copy of that report and have highlighted those schools in your constituency that have been deemed H1, H2 and H3 schools. The following are the definitions used by the Ministry of Education to determine the seismic ratings of schools.

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All three of the High Risk ratings require Structural and non-structural seismic upgrades.

Of the 25 High Risk Schools in Richmond, as reflected on the attached report, the following 7 High Risk schools are within the Richmond East Constituency:

H1	H2	H3
Bridge	Tomsett	Tait
Woodward	Mitchell	
Lee		
Whiteside		

The Board then passed a resolution requesting staff to provide a strategy and timeline for prioritizing the funding applications to the Ministry of Education to remediate those high seismic risk schools.

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Donna Sargent - Chairperson
Eric Yung – Vice Chairperson
Rod Belleza Kenny Chiu Norm Goldstein
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On Behalf of the Board of Education (Richmond)

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Clive Mason, Architect AIBC, LEED AP
Director of Facilities and Planning