

# Vancouver School District (SD39)

## Ventilation System Overview Summaries

### Introduction

In September 2021, the BC Ministry of Education asked school districts across the Province to compile information about the ventilation systems at each school and provide that to the school-site health and safety committees. The Ministry provided a template to school districts for the collection of that information. In October 2021 the Ministry directed school districts to post this information to their public websites.

The summaries below describe the actions taken by the VSB as part of its COVID response activity.

UPDATE 2022-02-13: Minor edits to include updated information.

UPDATE: 2022-09-28: The templates have been updated to reflect additional activity through the period from Feb 2022 to September 2022. These are added as an update box at the bottom of the template to each relevant site template. Note that any items detailed in the September update are new, incremental activities to those reported for the Feb 2022 update.

UPDATE: 2023-09-29: The templates have been updated to reflect additional activity from September 2022 to August 2023.

Please note that the contact person for each site is indicated as the administrator at the time of initial inventory compilation. Some administrators may have moved to new locations. Please direct any inquiries to the current site administrator.

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# VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Beaconsfield Elementary</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes. Refurbishment of 2 AHUs
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Computer control system updated to include a site-wide minimum outdoor air damper setting to ensure ventilation. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: Site has an automated control system: - Schedules set to start ventilation equipment 2 hours prior to occupancy and to run systems 2 hours after end of school hours. - Added minimum damper position setting through automation system.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Joel Levine 604-713-4605 slevine@vsb.bc.ca
<b>Update September 2022</b>	One (1) air handler coil cleaned.

# VENTILATION SYSTEM OVERVIEW

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<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Begbie Elementary</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes. Refurbishment of 1 AHU
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Computer control system updated to include a site-wide minimum outdoor air damper setting to ensure ventilation. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: Site has an automated control system: - Schedules set to start ventilation equipment 2 hours prior to occupancy and to run systems 2 hours after end of school hours. - Added minimum damper position setting through automation system.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: John Cortens Phone Number: 604-713-4686 Email: <a href="mailto:jcortens@vsb.bc.ca">jcortens@vsb.bc.ca</a>
<b>Update September 2022</b>	

# VENTILATION SYSTEM OVERVIEW

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<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Britannia Elementary</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes.
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented - Pneumatically controlled system. Mixed air thermostat setting lowered to increase outdoor air flow. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: System is controlled and operated at the site. Building engineers start ventilation systems at the start of shift each morning.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Jason Webber Phone Number: 604-713-4497 Email: <a href="mailto:jwebber@vsb.bc.ca">jwebber@vsb.bc.ca</a>
<b>Update September 2022</b>	<ul style="list-style-type: none"> <li>Six (6) air handlers to be refurbished (motors / belts / bearings). Parts on order. Work to complete 2022/23.</li> </ul>

# VENTILATION SYSTEM OVERVIEW

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<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Brock Elementary</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes. Refurbishment of 2 AHUs
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Computer control system updated to include a site-wide minimum outdoor air damper setting to ensure ventilation. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: Site has an automated control system: - Schedules set to start ventilation equipment 2 hours prior to occupancy and to run systems 2 hours after end of school hours. - Added minimum damper position setting through automation system.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Hope Sterling Phone Number: 604-713-5245 Email: hsterling@vsb.bc.ca



# VENTILATION SYSTEM OVERVIEW

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<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Bruce Elementary</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes. Refurbishment of 2 AHUs
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Pneumatically controlled system. Mixed air thermostat setting lowered to increase outdoor air flow. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: System is controlled and operated at the site. Building engineers start ventilation systems at the start of shift each morning.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Karen Noel-Bentley Phone Number: 604-713-4778 Email: <a href="mailto:knoelbentley@vsb.bc.ca">knoelbentley@vsb.bc.ca</a>
<b>Update September 2022</b>	<ul style="list-style-type: none"> <li>Two (2) air handler and 6 unit ventilator coils cleaned.</li> </ul>

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<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Carnavon Elementary</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes. Refurbishment of 2 AHUs
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Pneumatically controlled system. Mixed air thermostat setting lowered to increase outdoor air flow. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: System is controlled and operated at the site. Building engineers start ventilation systems at the start of shift each morning.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: David Murphy Phone Number: 604-713-5396 Email: <a href="mailto:dvmurphy@vsb.bc.ca">dvmurphy@vsb.bc.ca</a>

# VENTILATION SYSTEM OVERVIEW

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<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Carr Elementary</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes.
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Pneumatically controlled system. Mixed air thermostat setting lowered to increase outdoor air flow. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: System is controlled and operated at the site. Building engineers start ventilation systems at the start of shift each morning.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Maria Donovan Phone Number: 604-713-4941 Email: mdonovan@vsb.bc.ca
<b>Update September 2022</b>	<ul style="list-style-type: none"> <li>Portable # 44: New furnace w/ fresh air return + Heat Recovery Ventilator (HRV). Parts ordered. Work in progress.</li> </ul>
<b>Update September 2023</b>	<ul style="list-style-type: none"> <li>Portable # 44: Complete</li> </ul>

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<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Champlain Elementary</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes. Refurbishment of 4 AHUs
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Computer control system updated to include a site-wide minimum outdoor air damper setting to ensure ventilation. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: Site has an automated control system: - Schedules set to start ventilation equipment 2 hours prior to occupancy and to run systems 2 hours after end of school hours. - Added minimum damper position setting through automation system.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Sarah McAlister Phone Number: 604-713-4760 Email: <a href="mailto:smcalister@vsb.bc.ca">smcalister@vsb.bc.ca</a>
<b>Update September 2022</b>	<ul style="list-style-type: none"> <li>Classroom unit ventilator refurbishment. Parts on order. Work to complete 2022/23.</li> </ul>

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<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Champlain Annex</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes.
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Pneumatically controlled system. Mixed air thermostat setting lowered to increase outdoor air flow. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: System is controlled and operated at the site. Building engineers start ventilation systems at the start of shift each morning.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Jenny Wong Phone Number: 604-713-4880 Email: <a href="mailto:jewong@vsb.bc.ca">jewong@vsb.bc.ca</a>
<b>Update September 2022</b>	<ul style="list-style-type: none"> <li>Six (6) air handlers to be refurbished (motors / belts / bearings). Parts on order. Work to complete 2022/23.</li> </ul>

# VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Collingwood Elementary</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes. Refurbishment of 4 AHUs
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Computer control system updated to include a site-wide minimum outdoor air damper setting to ensure ventilation. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: Site has an automated control system: - Schedules set to start ventilation equipment 2 hours prior to occupancy and to run systems 2 hours after end of school hours. - Added minimum damper position setting through automation system.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Susan Worthington Phone Number: 604-713-5340 Email: <a href="mailto:sworthingt@vsb.bc.ca">sworthingt@vsb.bc.ca</a>

# VENTILATION SYSTEM OVERVIEW

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<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Cook Elementary</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes. Refurbishment of 3 AHUs
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Two hours pre-flush of building by operations - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: Site has an automated control system: - Schedules set to start ventilation equipment 2 hours prior to occupancy and to run systems 2 hours after end of school hours. - Added minimum damper position setting through automation system.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Gowa Kong Phone Number: 604-713-4828 Email: gkong@vsb.bc.ca



# VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Crosstown Elementary</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes.
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Computer control system updated to include a site-wide minimum outdoor air damper setting to ensure ventilation. Note: Classroom blocks are 100% outdoor air. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: Site has an automated control system: - Schedules set to start ventilation equipment 2 hours prior to occupancy and to run systems 2 hours after end of school hours. - Added minimum damper position setting through automation system.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Lori Prodan Phone Number: 607-713-5460 Email: lprodan@vsb.bc.ca
<b>Update September 2022</b>	<ul style="list-style-type: none"> <li>Three (3) AHU refurbishment. Parts on order. Work to complete 2022/23.</li> </ul>
<b>Update September 2023</b>	<ul style="list-style-type: none"> <li>During June 2023 heat events, the AHU and HRV were reviewed and filters were showing as excessively clogged and restricting ventilation. The MERV-13 filters here have been reverted back to MERV-8s. Note that the Heat Recovery Ventilator (HRV) provides only outdoor air to the classroom spaces with no return/recirculated air. These do not require MERV-13 filters.</li> </ul>





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<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Cunningham Elementary</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes.
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Schedules set to start ventilation equipment 2 hours prior to occupancy and to run systems 2 hours after end of school hours. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: Site has an automated control system: - Schedules set to start ventilation equipment 2 hours prior to occupancy and to run systems 2 hours after end of school hours.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Adrienne Stewardson Phone Number: 604-713-4675 Email: <a href="mailto:astewardson@vsb.bc.ca">astewardson@vsb.bc.ca</a>
<b>Update September 2022</b>	<ul style="list-style-type: none"> <li>Two (2) AHUs refurbished. Work complete.</li> <li>Three (3) air handler and 10 unit ventilator coils cleaned.</li> </ul>

# VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Dickens Elementary</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes. Refurbishment of 5 AHUs
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Computer control system updated to include a site-wide minimum outdoor air damper setting to ensure ventilation. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: Site has an automated control system: - Schedules set to start ventilation equipment 2 hours prior to occupancy and to run systems 2 hours after end of school hours. - Added minimum damper position setting through automation system.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Julie Weatherall Phone Number: 604-713-4978 Email: <a href="mailto:jaweathera@vsb.bc.ca">jaweathera@vsb.bc.ca</a>

# VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Dickens Annex</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes. Refurbishment of 1 AHUs
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Pneumatically controlled system. Mixed air thermostat setting lowered to increase outdoor air flow. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: System is controlled and operated at the site. Building engineers start ventilation systems at the start of shift each morning.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Atsuko Ishihara Phone Number: 604-713-5394 Email: <a href="mailto:aishihara@vsb.bc.ca">aishihara@vsb.bc.ca</a>
<b>Update September 2022</b>	<ul style="list-style-type: none"> <li>Two (2) unit ventilators replaced with new units including modern digital controls. Gym fan connected to building automation system.</li> </ul>
<b>Update September 2022</b>	<ul style="list-style-type: none"> <li>Five (5) unit ventilators replaced with new units including modern digital control. Site HVAC has been fully automated to provide better control of ventilation supply.</li> </ul>

# VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Douglas Elementary</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes. Refurbishment of 3 AHUs
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Computer control system updated to include a site-wide minimum outdoor air damper setting to ensure ventilation. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: Site has an automated control system: - Schedules set to start ventilation equipment 2 hours prior to occupancy and to run systems 2 hours after end of school hours. - Added minimum damper position setting through automation system.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Brandon Morishita Phone Number: 604-713-4817 Email: bmorishita@vsb.bc.ca

# VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Douglas Annex</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes. Refurbishment of 1 AHUs
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Pneumatically controlled system. Mixed air thermostat setting lowered to increase outdoor air flow. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: System is controlled and operated at the site. Building engineers start ventilation systems at the start of shift each morning.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Stacey Sveistrup Phone Number: 604-713-4885 Email: <a href="mailto:ssveistrup@vsb.bc.ca">ssveistrup@vsb.bc.ca</a>

# VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Elsie Roy Elementary</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes. Refurbishment of 11 AHUs
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Computer control system updated to include a site-wide minimum outdoor air damper setting to ensure ventilation. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: Site has an automated control system: - Schedules set to start ventilation equipment 2 hours prior to occupancy and to run systems 2 hours after end of school hours. - Added minimum damper position setting through automation system.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Megan Davies Phone Number: 604-713-5890 Email: mdavies@vsb.bc.ca

# VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>False Creek Elementary</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes.
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Pneumatically controlled system. Mixed air thermostat setting lowered to increase outdoor air flow. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: Site has an automated control system: - Schedules set to start ventilation equipment 2 hours prior to occupancy and to run systems 2 hours after end of school hours. - Added minimum damper position setting through automation system.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Dawn Sadler Phone Number: 604-713-4959 Email: dsadler@vsb.bc.ca
<b>Update September 2022</b>	<ul style="list-style-type: none"> <li>One (1) AHU refurbished. Work complete.</li> </ul>



# VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Fleming Elementary</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes.
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Computer control system updated to include a site-wide minimum outdoor air damper setting to ensure ventilation. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: Site has an automated control system: - Schedules set to start ventilation equipment 2 hours prior to occupancy and to run systems 2 hours after end of school hours. - Added minimum damper position setting through automation system.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Rosa Fazio Phone Number: 604-713-4793 Email: rfazio@vsb.bc.ca

# VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Franklin Elementary</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes.
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Pneumatically controlled system. Mixed air thermostat setting lowered to increase outdoor air flow. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: System is controlled and operated at the site. Building engineers start ventilation systems at the start of shift each morning.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Daniel Knibbs Phone Number: 604-713-4709 Email: <a href="mailto:dknibbs@vsb.bc.ca">dknibbs@vsb.bc.ca</a>
<b>Update September 2022</b>	<ul style="list-style-type: none"> <li>One (1) AHU refurbished. Work complete.</li> </ul>

# VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Fraser Elementary</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes.
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Pneumatically controlled system. Mixed air thermostat setting lowered to increase outdoor air flow. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: System is controlled and operated at the site. Building engineers start ventilation systems at the start of shift each morning.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Susie Car Phone Number: 604-713-4946 Email: <a href="mailto:scar@vsb.bc.ca">scar@vsb.bc.ca</a>

# VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Garibaldi Elementary</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes. Refurbishment of 6 AHUs
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Pneumatically controlled system. Mixed air thermostat setting lowered to increase outdoor air flow. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: System is controlled and operated at the site. Building engineers start ventilation systems at the start of shift each morning.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: David Platt Phone Number: 604-713-5240 Email: dplatt@vsb.bc.ca

# VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Gordon Elementary</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes.
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Computer control system updated to include a site-wide minimum outdoor air damper setting to ensure ventilation. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: Site has an automated control system: - Schedules set to start ventilation equipment 2 hours prior to occupancy and to run systems 2 hours after end of school hours. - Added minimum damper position setting through automation system.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Sharlene Steel Phone Number: 604-713-5403 Email: <a href="mailto:ssteele@vsb.bc.ca">ssteele@vsb.bc.ca</a> @vsb.bc.ca
<b>Update September 2022</b>	<ul style="list-style-type: none"> <li>Three (3) AHU refurbished. Work complete.</li> </ul>

# VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Grandview Elementary</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes. Refurbishment of 2 AHUs
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Computer control system updated to include a site-wide minimum outdoor air damper setting to ensure ventilation. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: Site has an automated control system: - Schedules set to start ventilation equipment 2 hours prior to occupancy and to run systems 2 hours after end of school hours. - Added minimum damper position setting through automation system.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Margie Trovao Phone Number: 604-713-4663 Email: mtrovao@vsb.bc.ca
<b>Update September 2022</b>	<ul style="list-style-type: none"> <li>One (1) air handler unit coil cleaned.</li> </ul>

# VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Grenfell Elementary</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes.
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Manually operated system. Mixed air thermostat setting lowered to increase outdoor air flow. - Windows reviewed to ensure operability where requested
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: System is controlled and operated at the site. Building engineers start ventilation systems at the start of shift each morning.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Maureen McDonnell Phone Number: 604-713-4844 Email: mmcdonnell@vsb.bc.ca
<b>Update September 2022</b>	<ul style="list-style-type: none"> <li>Four (4) AHUs for refurbishment. Work in progress.</li> <li>Three (3) air handler and 5 unit ventilator coils cleaned.</li> </ul>

# VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Hastings Elementary</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes. Refurbishment of 7 AHUs
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Computer control system updated to include a site-wide minimum outdoor air damper setting to ensure ventilation. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: Site has an automated control system: - Schedules set to start ventilation equipment 2 hours prior to occupancy and to run systems 2 hours after end of school hours. - Added minimum damper position setting through automation system.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Vital Peeters Phone Number: 604-713-5507 Email: <a href="mailto:vpeeters@vsb.bc.ca">vpeeters@vsb.bc.ca</a>
<b>Update September 2022</b>	<ul style="list-style-type: none"> <li>One (1) unit heater to be refurbished. Work to complete in 2022/23.</li> <li>Seven (7) coils cleaned.</li> </ul>



# VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Henderson Elementary</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes.
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Manually controlled system. Mixed air thermostat setting lowered to increase outdoor air flow. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): MERV-13 filters installed in classroom unit ventilators in main building and new wing. Feb 2022: AHU serving gym has been retrofitted to accommodate frame filters. MERV-13s in place.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: System is controlled and operated at the site. Building engineers start ventilation systems at the start of shift each morning.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Harjinder Sandhu Phone Number: 604-713-4837 Email: <a href="mailto:hsandhu@vsb.bc.ca">hsandhu@vsb.bc.ca</a>
<b>Update September 2022</b>	<ul style="list-style-type: none"> <li>Two (2) AHUs for refurbished. Complete.</li> <li>Six (6) air handler coils cleaned</li> </ul>

# VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Hudson Elementary</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes. Refurbishment of 1 AHU
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Manually controlled system. Mixed air thermostat setting lowered to increase outdoor air flow. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: System is controlled and operated at the site. Building engineers start ventilation systems at the start of shift each morning.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Sonja Rondestvedt Phone Number: 604-713-5441 Email: srondestvedt@vsb.bc.ca
<b>Update September 2023</b>	Portable HRV complete.

# VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Jamieson Elementary</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes.
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Manually operated site. Building engineers start ventilation systems at the start of shift each morning. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: System is controlled and operated at the site. Building engineers start ventilation systems at the start of shift each morning.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Natasha Miladinovic Phone Number: 604-713-5367 Email: nmiladinov@vsb.bc.ca
<b>Update September 2022</b>	<ul style="list-style-type: none"> <li>Three (3) Drives and fans refurbished. Complete.</li> </ul>
<b>Update September 2022</b>	<ul style="list-style-type: none"> <li>One unit heater re-furbished. Conmplete.</li> </ul>

# VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Jules Quesnel Elementary</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes. Refurbishment of 1 AHU
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Computer control system updated to include a site-wide minimum outdoor air damper setting to ensure ventilation. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: Site has an automated control system: - Schedules set to start ventilation equipment 2 hours prior to occupancy and to run systems 2 hours after end of school hours. - Added minimum damper position setting through automation system.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Eve Gagnon Phone Number: 604-713-4577 Email: <a href="mailto:esgagnon@vsb.bc.ca">esgagnon@vsb.bc.ca</a>

# VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Kerrisdale Elementary</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes. Refurbishment of 1 AHU
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Manually controlled system. Mixed air thermostat setting lowered to increase outdoor air flow. - Schedules set by automated system. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: Site has an automated control system: - Schedules set to start ventilation equipment 2 hours prior to occupancy and to run systems 2 hours after end of school hours.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Henry Au Phone Number: 604-713-5446 Email: hau@vsb.bc.ca
<b>Update September 2022</b>	<ul style="list-style-type: none"> <li>One (1) air handler and four unit ventilator coils cleaned.</li> </ul>

# VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Kerrisdale Annex</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes.
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Pneumatically controlled system. Mixed air thermostat setting lowered to increase outdoor air flow. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: System is controlled and operated at the site. Building engineers start ventilation systems at the start of shift each morning.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Angela Stewart Phone Number: 604-713-5488 Email: <a href="mailto:astewart@vsb.bc.ca">astewart@vsb.bc.ca</a>

# VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Kingsford-Smith Elementary</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes.
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Schedules set by automated control systems. - 'Pneumatic' systems control. Mixed air thermostat setting lowered to increase outdoor air flow. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: Site has a partial-automated control system: - Schedules set to start ventilation equipment 2 hours prior to occupancy and to run systems 2 hours after end of school hours. - Added minimum damper position setting through automation system.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Teena Margo Smith Phone Number: 604-713-4746 Email: <a href="mailto:tmsmith@vsb.bc.ca">tmsmith@vsb.bc.ca</a>
<b>Update September 2022</b>	<ul style="list-style-type: none"> <li>Two (2) drives and fans refurbished. Complete.</li> </ul>

# VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Kitchener Elementary</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes.
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Computer control system updated to include a site-wide minimum outdoor air damper setting to ensure ventilation. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: Site has an automated control system: - Schedules set to start ventilation equipment 2 hours prior to occupancy and to run systems 2 hours after end of school hours. - Added minimum damper position setting through automation system.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Sarah Dash Phone Number: 604-713-5454 Email: sdash@vsb.bc.ca



# VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Livingston Elementary</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Seismic Upgrade project. Date of next inspection: Click to enter a date. Winter break filter change. Date and type of most recent maintenance: Major cleaning, sealing and recommissioning of HVAC system during the seismic upgrade.
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: See September 2023 update below.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13 at time of seismic
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: See September 2023 update below.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Sarah Dash Phone Number: 604-713-5454 Email: sdash@vsb.bc.ca
<b>Update September 2023</b>	Actions implemented during seismic upgrade: - existing HVAC equipment was cleaned, any ducts that were disturbed were cleaned and reinstalled if part of the project - new ducts installed as per project specifications were clean. - HVAC recommissioned – and upgraded to 100% computer controlled (DDC). - New filters installed. - System working at ~100% design capacity - Duct leaks were fixed

# VENTILATION SYSTEM OVERVIEW

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<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Laurier Elementary</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes.
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Pneumatically controlled system. Mixed air thermostat setting lowered to increase outdoor air flow. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: System is controlled and operated at the site. Building engineers start ventilation systems at the start of shift each morning.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Armin Samiel Phone Number: 604-713-4925 Email: <a href="mailto:asamiei@vsb.bc.ca">asamiei@vsb.bc.ca</a>
<b>Update September 2022</b>	<ul style="list-style-type: none"> <li>Portable # 133: Fresh air return to furnace + Heat Recovery Ventilator (HRV). Complete.</li> <li>Portable #199: Heat Recovery Ventilator (HRV) Complete</li> </ul>
<b>Update September 2022</b>	<ul style="list-style-type: none"> <li>One (1) drives and fans refurbished. Complete.</li> <li>One (1) air handler and three unit ventilator coils cleaned.</li> </ul>

# VENTILATION SYSTEM OVERVIEW

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<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	L'Ecole Bilingue
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: Click to enter a date. Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes.
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Computer control system updated to include a site-wide minimum outdoor air damper setting to ensure ventilation. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: Site has an automated control system: - Schedules set to start ventilation equipment 2 hours prior to occupancy and to run systems 2 hours after end of school hours. - Added minimum damper position setting through automation system.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Jacquie Lavoie Phone Number: 604-713-4585 Email: jlavoie@vsb.bc.ca
<b>Update September 2022</b>	<ul style="list-style-type: none"> <li>Six (6) drives and fans verified and/or refurbished. Complete.</li> </ul>

# VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Lloyd George Elementary</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes.
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Pneumatically controlled system. Mixed air thermostat setting lowered to increase outdoor air flow. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: System is controlled and operated at the site. Building engineers start ventilation systems at the start of shift each morning.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Peter Woo Phone Number: 604-713-4895 Email: pwoo@vsb.bc.ca

# VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Lord Elementary</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes.
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Pneumatically controlled system. Mixed air thermostat setting lowered to increase outdoor air flow. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: System is controlled and operated at the site. Building engineers start ventilation systems at the start of shift each morning.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Tamara Van Wyck Phone Number: 604-713-4620 Email: <a href="mailto:tvanwyck@vsb.bc.ca">tvanwyck@vsb.bc.ca</a>
<b>Update September 2022</b>	<ul style="list-style-type: none"> <li>One (1) air handling unit (AHU) refurbished. Work Complete.</li> <li>One (1) air handler and 8 unit ventilator coils cleaned.</li> </ul>

# VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>MacCorkindale Elementary</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes. Refurbishment of 3 AHUs
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Pneumatically controlled system. Mixed air thermostat setting lowered to increase outdoor air flow. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: System is controlled and operated at the site. Building engineers start ventilation systems at the start of shift each morning.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Bruce Sallee Phone Number: 604-713-4775 Email: bsallee@vsb.bc.ca
<b>Update September 2022</b>	<ul style="list-style-type: none"> <li>Fan units and heating controls converted to computerized controls. (funded through CNCP program).</li> </ul>

# VENTILATION SYSTEM OVERVIEW

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<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Mackenzie Elementary</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes. Refurbishment of 4 AHUs
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Pneumatically controlled system. Mixed air thermostat setting lowered to increase outdoor air flow. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: System is controlled and operated at the site. Building engineers start ventilation systems at the start of shift each morning.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Lisa Nucich Phone Number: 604-713-4799 Email: <a href="mailto:lnucich@vsb.bc.ca">lnucich@vsb.bc.ca</a>
<b>Update September 2022</b>	<ul style="list-style-type: none"> <li>One (1) fan coil unit cleaned.</li> </ul>

# VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Maple Grove Elementary</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: Click to enter a date. Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes.
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Computer control system updated to include a site-wide minimum outdoor air damper setting to ensure ventilation. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: Site has an automated control system: - Schedules set to start ventilation equipment 2 hours prior to occupancy and to run systems 2 hours after end of school hours. - Added minimum damper position setting through automation system.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Nancy Bourque Phone Number: 604-713-5356 Email: mbourque@vsb.bc.ca
<b>Update September 2022</b>	<ul style="list-style-type: none"> <li>Nine (9) drives and fans verified and/or refurbished. Complete.</li> </ul>



# VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Maple Grove Swing Space</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: Winter break, spring break, summer break filter changes Date and type of most recent maintenance: Routine inspection at filter changes.
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Local DDC control system updated to include longer run time hours. Timeclocks and schedules set to 7 AM to 5 PM.. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: Site has a local system: - Schedules set to start ventilation equipment 2 hours prior to occupancy and to run systems 2 hours after end of school hours.
<b>Other Relevant Information:</b>	The former Maple Grove Elementary facility is currently being used as a swing site for the seismic mitigation program. For 2021/2022 students from Cavell Elementary are located at the Maple Grove Swing Space.  School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Mariette Smith Phone Number: 604-713-4864 Email: mjsmith@vsb.bc.ca

# VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Maquinna Elementary</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes.
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Schedules set to start ventilation equipment 2 hours prior to occupancy and to run systems 2 hours after end of school hours. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: Site has an automated control system: - Schedules set to start ventilation equipment 2 hours prior to occupancy and to run systems 2 hours after end of school hours. - Added minimum damper position setting through automation system.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Joyce Chong Phone Number: 604-713-4705 Email: <a href="mailto:jchong@vsb.bc.ca">jchong@vsb.bc.ca</a>
<b>Update September 2022</b>	<ul style="list-style-type: none"> <li>One (1) drives and fans verified and/or refurbished. Complete.</li> </ul>

# VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>McBride Elementary</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes.
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Pneumatically controlled system. Mixed air thermostat setting lowered to increase outdoor air flow. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: System is controlled and operated at the site. Building engineers start ventilation systems at the start of shift each morning.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Lindsay Thompson Phone Number: 604-713-4971 Email: lthompson@vsb.bc.ca
<b>Update September 2022</b>	<ul style="list-style-type: none"> <li>Two (2) drives and fans verified and/or refurbished. Complete.</li> <li>Two (2) air handler and three unit ventilator coils cleaned.</li> </ul>

# VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>McBride Annex</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes.
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Pneumatically controlled system. Mixed air thermostat setting lowered to increase outdoor air flow. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: System is controlled and operated at the site. Building engineers start ventilation systems at the start of shift each morning.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Geri Gruft Phone Number: 604-713-5374 Email: <a href="mailto:ggruft@vsb.bc.ca">ggruft@vsb.bc.ca</a>
<b>Update September 2022</b>	<ul style="list-style-type: none"> <li>Unit Ventilators: Drives and fans refurbished. Parts on order. Work to complete in 2022/23.</li> </ul>

# VENTILATION SYSTEM OVERVIEW

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<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>McKechnie Elementary</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes. Refurbishment of 3 AHUs
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Computer control system updated to include a site-wide minimum outdoor air damper setting to ensure ventilation. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: Site has an automated control system: - Schedules set to start ventilation equipment 2 hours prior to occupancy and to run systems 2 hours after end of school hours. - Added minimum damper position setting through automation system.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Michael Singh Phone Number: 604-713-4952 Email: <a href="mailto:mrsingh@vsb.bc.ca">mrsingh@vsb.bc.ca</a>
<b>Update September 2022</b>	<ul style="list-style-type: none"> <li>Portable # 32: Fresh air return verified + Heat Recovery Ventilator (HRV). Complete.</li> </ul>

# VENTILATION SYSTEM OVERVIEW

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<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Moberly Elementary</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes.
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Computer control system updated to include a site-wide minimum outdoor air damper setting to ensure ventilation. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: Site has an automated control system: - Schedules set to start ventilation equipment 2 hours prior to occupancy and to run systems 2 hours after end of school hours. - Added minimum damper position setting through automation system.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Michael Vulgaris Phone Number: 604-713-4784 Email: <a href="mailto:mvulgaris@vsb.bc.ca">mvulgaris@vsb.bc.ca</a>
<b>Update September 2022</b>	<ul style="list-style-type: none"> <li>Three (3) drives and fans refurbished. Complete.</li> <li>Three (3) air handler coils cleaned.</li> </ul>

# VENTILATION SYSTEM OVERVIEW

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<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Mount Pleasant Elementary</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes
	Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks.
	Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change.
	Date and type of most recent maintenance: Routine inspection at filter changes.
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes
	Detail: Actions implemented: - Pneumatically controlled system. Mixed air thermostat setting lowered to increase outdoor air flow. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes
	Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No
	Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes
	Detail: System is controlled and operated at the site. Building engineers start ventilation systems at the start of shift each morning.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Jonathan Weresch
	Phone Number: 604-713-4617
	Email: <a href="mailto:jweresch@vsb.bc.ca">jweresch@vsb.bc.ca</a>
<b>Update September 2022</b>	<ul style="list-style-type: none"> <li>Five (5) drives and fans refurbished. Complete.</li> </ul>



# VENTILATION SYSTEM OVERVIEW

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<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Nelson Elementary</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes.
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Computer control system updated to include a site-wide minimum outdoor air damper setting to ensure ventilation. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: Site has an automated control system: - Schedules set to start ventilation equipment 2 hours prior to occupancy and to run systems 2 hours after end of school hours. - Added minimum damper position setting through automation system.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Ankie Carswell Phone Number: 604-713-4595 Email: <a href="mailto:acarswell@vsb.bc.ca">acarswell@vsb.bc.ca</a>
<b>Update September 2022</b>	<ul style="list-style-type: none"> <li>Verified thirteen (13) unit ventilator fans and drives. Complete.</li> </ul>



# VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Nightingale Elementary</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes.
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Manually operated system. Mixed air thermostat setting lowered to increase outdoor air flow. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: Site has a partially automated control system: - Schedules set to start ventilation equipment 2 hours prior to occupancy and to run systems 2 hours after end of school hours.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Angela Hughes Phone Number: 604-713-5290 Email: aahughes@vsb.bc.ca
<b>Update September 2022</b>	<ul style="list-style-type: none"> <li>Three (3) unit ventilators refurbished. Work complete.</li> <li>One (1) fan coil unit cleaned.</li> </ul>

# VENTILATION SYSTEM OVERVIEW

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<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Nootka Elementary</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes. Refurbishment of 2 AHUs
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - System is controlled and operated at the site. Building engineers start ventilation systems at the start of shift each morning. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: System is controlled and operated at the site. Building engineers start ventilation systems at the start of shift each morning.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Jesse Bemister Phone Number: 604-713-4767 Email: <a href="mailto:jbemister@vsb.bc.ca">jbemister@vsb.bc.ca</a>
<b>Update September 2022</b>	<ul style="list-style-type: none"> <li>Two (2) air handler and 6 unit ventilator coils cleaned.</li> </ul>

# VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Norma Rose Point</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes
	Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks.
	Date of next inspection: Click to enter a date. Winter break filter change.
	Date and type of most recent maintenance: Routine inspection at filter changes.
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes
	Detail: Actions implemented: - Computer control system updated to include a site-wide minimum outdoor air damper setting to ensure ventilation. outdoor air flow. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes
	Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No
	Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes
	Detail: Site has an automated control system: - Schedules set to start ventilation equipment 2 hours prior to occupancy and to run systems 2 hours after end of school hours. - Added minimum damper position setting through automation system.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Henry Peters
	Phone Number: 604-713-5950
	Email: hjpeters@vsb.bc.ca

# VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Norquay Elementary</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes.
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Computer control system updated to include a site-wide minimum outdoor air damper setting to ensure ventilation. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: Site has an automated control system: - Schedules set to start ventilation equipment 2 hours prior to occupancy and to run systems 2 hours after end of school hours. - Added minimum damper position setting through automation system.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Deena Kotak Buckley Phone Number: 604-713-4666 Email: <a href="mailto:dbuckley@vsb.bc.ca">dbuckley@vsb.bc.ca</a>
<b>Update September 2022</b>	<ul style="list-style-type: none"> <li>Four (4) fans and drives to be refurbished. Parts on order. Work to complete in 2022/23.</li> <li>Two (2) air handler coils cleaned.</li> </ul>

# VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Oppenheimer Elementary</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: Click to enter a date. Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes. Refurbishment of 3 AHUs
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented - Manually controlled system. Mixed air thermostat setting lowered to increase outdoor air flow. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: System is controlled and operated at the site. Building engineers start ventilation systems at the start of shift each morning.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Shannon Burke Phone Number: 604-713-4570 Email: sburke@vsb.bc.ca
<b>Update September 2022</b>	<ul style="list-style-type: none"> <li>One air handler and eight unit ventilator coils cleaned..</li> </ul>

# VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Osler Elementary</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes.
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Computer control system updated to include a site-wide minimum outdoor air damper setting to ensure ventilation. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: Site has an automated control system: - Schedules set to start ventilation equipment 2 hours prior to occupancy and to run systems 2 hours after end of school hours. - Added minimum damper position setting through automation system.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Rosemary Thomas Phone Number: 604-713-4920 Email: <a href="mailto:rthomas@vsb.bc.ca">rthomas@vsb.bc.ca</a>
<b>Update September 2022</b>	<ul style="list-style-type: none"> <li>Three (3) fans and drives to be refurbished. Work complete.</li> </ul>

# VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Queen Alexandra Elementary</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes. Refurbishment of 6 AHUs
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Computer control system updated to include a site-wide minimum outdoor air damper setting to ensure ventilation. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: System is controlled and operated at the site. Building engineers start ventilation systems at the start of shift each morning.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: John MacCormack Phone Number: 604-713-4599 Email: <a href="mailto:jmaccormack@vsb.bc.ca">jmaccormack@vsb.bc.ca</a>
<b>Update September 2022</b>	<ul style="list-style-type: none"> <li>Two (2) air handler unit coils cleaned.</li> </ul>

# VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Queen Elizabeth Elementary</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes. Refurbishment of 4 AHUs
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Computer control system updated to include a site-wide minimum outdoor air damper setting to ensure ventilation. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): School site upgraded to MERV-13s. Portable furnaces use roll media and not compatible for frame filters.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: Site has an automated control system: - Schedules set to start ventilation equipment 2 hours prior to occupancy and to run systems 2 hours after end of school hours. - Added minimum damper position setting through automation system.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Nancy Paget Phone Number: 604-713-5408 Email: npaget@vsb.bc.ca



# VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Queen Elizabeth Annex</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes
	Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks.
	Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change.
	Date and type of most recent maintenance: Routine inspection at filter changes. Refurbishment of 1 AHU
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes
	Detail: Actions implemented: - Pneumatically controlled system. Mixed air thermostat setting lowered to increase outdoor air flow. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes
	Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No
	Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes
	Detail: System is controlled and operated at the site. Building engineers start ventilation systems at the start of shift each morning.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Mark Cormack
	Phone Number: 604-713-5408
	Email: <a href="mailto:mcormack@vsb.bc.ca">mcormack@vsb.bc.ca</a>

# VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Queen Mary Elementary</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes.
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Computer control system updated to include a site-wide minimum outdoor air damper setting to ensure ventilation. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: Site has an automated control system: - Schedules set to start ventilation equipment 2 hours prior to occupancy and to run systems 2 hours after end of school hours. - Added minimum damper position setting through automation system.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Elyssa Derban Phone Number: 604-713-5464 Email: <a href="mailto:ederban@vsb.bc.ca">ederban@vsb.bc.ca</a>
<b>Update September 2022</b>	<ul style="list-style-type: none"> <li>One (1) fans and drives to be refurbished. Work complete.</li> </ul>

# VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Queen Victoria Annex</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes.
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Pneumatically controlled system. Mixed air thermostat setting lowered to increase outdoor air flow. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: System is controlled and operated at the site. Building engineers start ventilation systems at the start of shift each morning.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Scott Hughes Phone Number: 604-713-4694 Email: shughes@vsb.bc.ca

# VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Quilchena Elementary</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: Click to enter a date. Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes.
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Computer control system updated to include a site-wide minimum outdoor air damper setting to ensure ventilation. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: Site has an automated control system: - Schedules set to start ventilation equipment 2 hours prior to occupancy and to run systems 2 hours after end of school hours. - Added minimum damper position setting through automation system.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Carrie Sleep Phone Number: 604-713-5420 Email: csleep@vsb.bc.ca
<b>Update September 2022</b>	<ul style="list-style-type: none"> <li>Portable #161: New furnace (incl ventilation) + Heat Recovery Ventilator (HRV) – Complete</li> <li>Portable #129: New furnace (incl ventilation). Ordered. Work in progress</li> <li>Portable #177: New furnace (incl ventilation). Ordered. Work in progress</li> <li>Main building: One (1) exhaust fan refurbished. Complete.</li> </ul>
<b>Update September 2023</b>	<ul style="list-style-type: none"> <li>Repair broken linkage on fresh air actuator shaft and failed pneumatic controller on return fan.</li> </ul>

# VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Renfrew Elementary</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes.
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Computer control system updated to include a site-wide minimum outdoor air damper setting to ensure ventilation. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: Site has an automated control system: - Schedules set to start ventilation equipment 2 hours prior to occupancy and to run systems 2 hours after end of school hours. - Added minimum damper position setting through automation system.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Janine Lamb Phone Number: 604-713-4851 Email: <a href="mailto:jlamb@vsb.bc.ca">jlamb@vsb.bc.ca</a>
<b>Update September 2022</b>	<ul style="list-style-type: none"> <li>Five (5) air handler and 2 unit ventilator coils cleaned.</li> </ul>

# VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Roberts Elementary</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes.
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Computer control system updated to include a site-wide minimum outdoor air damper setting to ensure ventilation. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: Site has an automated control system: - Schedules set to start ventilation equipment 2 hours prior to occupancy and to run systems 2 hours after end of school hours. - Added minimum damper position setting through automation system.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Cathy Thomas Phone Number: 604-713-5055 Email: cathomas@vsb.bc.ca
<b>Update September 2022</b>	<ul style="list-style-type: none"> <li>Six (6) air handler coils cleaned.</li> </ul>

# VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Roberts Annex</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes.
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Pneumatically controlled system. Mixed air thermostat setting lowered to increase outdoor air flow. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: System is controlled and operated at the site. Building engineers start ventilation systems at the start of shift each morning.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Doug Park Phone Number: 604-713-5495 Email: <a href="mailto:dpark@vsb.bc.ca">dpark@vsb.bc.ca</a>

# VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Secord Elementary</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes.
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Computer control system updated to include a site-wide minimum outdoor air damper setting to ensure ventilation. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: Site has an automated control system: - Schedules set to start ventilation equipment 2 hours prior to occupancy and to run systems 2 hours after end of school hours. - Added minimum damper position setting through automation system.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Laurent Brisebois Phone Number: 604-713-4996 Email: lbrisebois@vsb.bc.ca
<b>Update September 2022</b>	One (1) fan coil unit coil cleaned.



# VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Selkirk Elementary</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes. Refurbishment of 1 AHU
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented - Pneumatically controlled system. Mixed air thermostat setting lowered to increase outdoor air flow. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: Site has an automated control system: - Schedules set to start ventilation equipment 2 hours prior to occupancy and to run systems 2 hours after end of school hours. - Added minimum damper position setting through automation system.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Vincent Edwards Phone Number: 604-713-4650 Email: vedwards@vsb.bc.ca
<b>Update September 2022</b>	<ul style="list-style-type: none"> <li>One (1) unit heater to be refurbished. Work to complete in 2022/23.</li> </ul>
<b>Update September 3022</b>	<ul style="list-style-type: none"> <li>Portable 1 and 2, New furnace c/w fresh air in return and HRV. Complete.</li> </ul>

# VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Selkirk Annex</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes.
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: System is controlled and operated at the site. Building engineers start ventilation systems at the start of shift each morning.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Sean Rupert Phone Number: 604-713-4735 Email: srupert@vsb.bc.ca

# VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Sexsmith</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes.
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Computer control system updated to include a site-wide minimum outdoor air damper setting to ensure ventilation. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: Site has an automated control system: - Schedules set to start ventilation equipment 2 hours prior to occupancy and to run systems 2 hours after end of school hours. - Added minimum damper position setting through automation system.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Laura Rhead Phone Number: 604-713-4901 Email: lrhead@vsb.bc.ca
<b>Update September 2022</b>	<ul style="list-style-type: none"> <li>One (2) Air Handling Unit (AHU) and one (1) exhaust fan refurbished. Work Complete.</li> </ul>

# VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Seymour</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes. Refurbishment of 3 AHUs
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Manually controlled system. Mixed air thermostat setting lowered to increase outdoor air flow. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: System is controlled and operated at the site. Building engineers start ventilation systems at the start of shift each morning.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Bryce Recsky Phone Number: 604-713-4641 Email: <a href="mailto:brecsky@vsb.bc.ca">brecsky@vsb.bc.ca</a>
<b>Update September 2022</b>	<ul style="list-style-type: none"> <li>Three (3) fans and drives refurbished. Work complete.</li> </ul>

# VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Shannon Park / Vancouver Hebrew Academy</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: Click to enter a date. Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes.
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Manually controlled system. Mixed air thermostat setting lowered to increase outdoor air flow. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: System is controlled and operated at the site. Building engineers start ventilation systems at the start of shift each morning.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Rabbi Cohen Phone Number: 604-266-1245 Email: <a href="mailto:Bcohen@vhebrewacademy.com">Bcohen@vhebrewacademy.com</a>

# VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Shaughnessy</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes.
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Computer control system updated to include a site-wide minimum outdoor air damper setting to ensure ventilation. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: Site has an automated control system: - Schedules set to start ventilation equipment 2 hours prior to occupancy and to run systems 2 hours after end of school hours. - Added minimum damper position setting through automation system.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Jim Embree Phone Number: 604-713-5500 Email: jembree@vsb.bc.ca
<b>Update September 2022</b>	<ul style="list-style-type: none"> <li>One (1) fan and drive refurbished. Work complete.</li> </ul>

# VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>South Hill</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes.
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Manually controlled system. Mixed air thermostat setting lowered to increase outdoor air flow. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: System is controlled and operated at the site. Building engineers start ventilation systems at the start of shift each morning.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Hollie Williams Phone Number: 604-713-5770 Email: hwilliams@vsb.bc.ca
<b>Update September 2022</b>	<ul style="list-style-type: none"> <li>One air handler and one a/c condenser coil cleaned.</li> </ul>

# VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>South Hill Swing Space</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes.
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Manually controlled system. Mixed air thermostat setting lowered to increase outdoor air flow. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: System is controlled and operated at the site. Building engineers start ventilation systems at the start of shift each morning.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Hollie Williams Phone Number: 604-713-5770 Email: hwilliams@vsb.bc.ca



# VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Southlands</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes. Refurbishment of 2 AHUs
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Manually controlled system. Mixed air thermostat setting lowered to increase outdoor air flow. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: System is controlled and operated at the site. Building engineers start ventilation systems at the start of shift each morning.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Margaret Paxton Phone Number: 604-713-5414 Email: mpaxton@vsb.bc.ca
<b>Update September 2022</b>	<ul style="list-style-type: none"> <li>Three (3) air handler unit coils cleaned.</li> </ul>

# VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Strathcona</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes.
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Computer control system updated to include a site-wide minimum outdoor air damper setting to ensure ventilation. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: Site has an automated control system: - Schedules set to start ventilation equipment 2 hours prior to occupancy and to run systems 2 hours after end of school hours. - Added minimum damper position setting through automation system.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Jason Eng Phone Number: 601-713-4630 Email: <a href="mailto:jeng@vsb.bc.ca">jeng@vsb.bc.ca</a>
<b>Update September 2022</b>	<ul style="list-style-type: none"> <li>Two (2) air Handling Units (AHUs) and 2 unit ventilators refurbished. Work Complete.</li> <li>One (1) unit heater refurbished.</li> </ul>

# VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Tecumseh</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes. Refurbishment of 4 AHUs
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented - Manually controlled system. Mixed air thermostat setting lowered to increase outdoor air flow. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13 for main school unit ventilators, multi-purpose AHU, gym AHU and portable furnaces. Feb 2022: Main fan AHU as been retrofitted to accommodate frame filters. Standard filters in place. MERV-13 filters on order.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: System is controlled and operated at the site. Building engineers start ventilation systems at the start of shift each morning.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Jesse Brown Phone Number: 604-713-5390 Email: jessebrown@vsb.bc.ca
<b>Update September 2022</b>	<ul style="list-style-type: none"> <li>Four (4) air handler and one unit ventilator coils cleaned.</li> </ul>

# VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Tecumseh Annex</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes.
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Manually controlled system. Mixed air thermostat setting lowered to increase outdoor air flow. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: System is controlled and operated at the site. Building engineers start ventilation systems at the start of shift each morning.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Gavin Landreth Phone Number: 604-713-4890 Email: glandreth@vsb.bc.ca
<b>Update September 2023</b>	Gym fan refurbished to fix stuck louvers, damper actuator on supply fan

# VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Tennyson</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes.
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Schedules set to start ventilation equipment 2 hours prior to occupancy and to run systems 2 hours after end of school hours. - New site. All windows should be operable.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: Site has an automated control system: - Schedules set to start ventilation equipment 2 hours prior to occupancy and to run systems 2 hours after end of school hours.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Diane Martinson Phone Number: 604-713-5426 Email: <a href="mailto:dmartinson@vsb.bc.ca">dmartinson@vsb.bc.ca</a>

# VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Thunderbird</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes.
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Computer control system updated to include a site-wide minimum outdoor air damper setting to ensure ventilation. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: Site has an automated control system: - Schedules set to start ventilation equipment 2 hours prior to occupancy and to run systems 2 hours after end of school hours. - Added minimum damper position setting through automation system.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Bradley Toews Phone Number: 604-713-4611 Email: btoews@vsb.bc.ca
<b>Update September 2022</b>	<ul style="list-style-type: none"> <li>Three (3) air handler coils cleaned.</li> </ul>

# VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	Tillicum
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes. Refurbishment of 1 AHU
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Manually controlled system. Mixed air thermostat setting lowered to increase outdoor air flow. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: System is controlled and operated at the site. Building engineers start ventilation systems at the start of shift each morning.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Shelley Sunner Phone Number: 604-713-4716 Email: <a href="mailto:sksunner@vsb.bc.ca">sksunner@vsb.bc.ca</a>
<b>Update September 2022</b>	<ul style="list-style-type: none"> <li>One (1) air handling unit (AHU) refurbished. Work Complete.</li> </ul>

# VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Total Education</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes. Refurbishment of 2 AHUs
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Computer control system updated to include a site-wide minimum outdoor air damper setting to ensure ventilation. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: Site has an automated control system: - Schedules set to start ventilation equipment 2 hours prior to occupancy and to run systems 2 hours after end of school hours. - Added minimum damper position setting through automation system.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Doug Matear Phone Number: 604-713-5782 Email: <a href="mailto:dmatear@vsb.bc.ca">dmatear@vsb.bc.ca</a>



# VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Trafalgar</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes.
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Computer control system updated to include a site-wide minimum outdoor air damper setting to ensure ventilation. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: Site has an automated control system: - Schedules set to start ventilation equipment 2 hours prior to occupancy and to run systems 2 hours after end of school hours. - Added minimum damper position setting through automation system.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Daniel Belanger Phone Number: 604-713-5475 Email: dbelanger@vsb.bc.ca

# VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	Trudeau
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes. Refurbishment of 1 AHU
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Computer control system updated to include a site-wide minimum outdoor air damper setting to ensure ventilation. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: Site has an automated control system: - Schedules set to start ventilation equipment 2 hours prior to occupancy and to run systems 2 hours after end of school hours. - Added minimum damper position setting through automation system.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Jim Munk Phone Number: 604-713-4865 Email: <a href="mailto:jmunk@vsb.bc.ca">jmunk@vsb.bc.ca</a>
<b>Update September 2022</b>	<ul style="list-style-type: none"> <li>Two (2) air handler coils cleaned.</li> </ul>

# VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Tyee</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes. Refurbishment of 6 AHUs
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Schedules set to start ventilation equipment 2 hours prior to occupancy and to run systems 2 hours after end of school hours. - Manually controlled system. Mixed air thermostat setting lowered to increase outdoor air flow. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: Site has an automated control system: - Schedules set to start ventilation equipment 2 hours prior to occupancy and to run systems 2 hours after end of school hours. - Added minimum damper position setting through automation system.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Suzie Polzin Phone Number: 604-713-4723 Email: spolzin@vsb.bc.ca

# VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>U-Hill Elementary</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes.
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Computer control system updated to include a site-wide minimum outdoor air damper setting to ensure ventilation. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: Site has an automated control system: - Schedules set to start ventilation equipment 2 hours prior to occupancy and to run systems 2 hours after end of school hours. - Added minimum damper position setting through automation system.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Trevor Wrinch Phone Number: 604-713-5350 Email: <a href="mailto:twrinch@vsb.bc.ca">twrinch@vsb.bc.ca</a>

# VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Van Horne Elementary</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes.
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Computer control system updated to include a site-wide minimum outdoor air damper setting to ensure ventilation. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: Site has an automated control system: - Schedules set to start ventilation equipment 2 hours prior to occupancy and to run systems 2 hours after end of school hours. - Added minimum damper position setting through automation system.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Stephen Leung Phone Number: 604-713-4965 Email: <a href="mailto:skleung@vsb.bc.ca">skleung@vsb.bc.ca</a>
<b>Update September 2022</b>	<ul style="list-style-type: none"> <li>Five (5) air handler coils cleaned.</li> </ul>

# VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Waverly Elementary</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes. Refurbishment of 1 AHU
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Manually controlled system. Mixed air thermostat setting lowered to increase outdoor air flow. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: System is controlled and operated at the site. Building engineers start ventilation systems at the start of shift each morning.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Lani Morden Phone Number: 604-713-4752 Email: lmorden@vsb.bc.ca
<b>Update September 2022</b>	<ul style="list-style-type: none"> <li>Two (2) air handlers and 2 unit ventilator coils cleaned.</li> </ul>

# VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Waverly Annex</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes. Refurbishment of 1 AHU
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Manually controlled system. Mixed air thermostat setting lowered to increase outdoor air flow. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: System is controlled and operated at the site. Building engineers start ventilation systems at the start of shift each morning.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Amanda Cantelon Phone Number: 604-713-5722 Email: <a href="mailto:acantelon@vsb.bc.ca">acantelon@vsb.bc.ca</a>
<b>Update September 2022</b>	<ul style="list-style-type: none"> <li>• Portables on Waverly Annex site: Alt Programs</li> <li>• Portable # 4: Fresh air in furnace return, and heat recovery ventilator (HRV) - Complete.</li> <li>• Portable "far west" (number to be confirmed): New furnace w/ fresh air grill, Heat recovery ventilator (HRV) + range hood exhaust. – Complete</li> <li>• Portable #83: Needs Heat Recovery Ventilator (HRV) - Complete.</li> <li>• Portable far east (number to be confirmed): New furnace + range hood exhaust. - Complete</li> </ul>





# VENTILATION SYSTEM OVERVIEW

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<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Wolfe Elementary</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer, winter, spring break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes.
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Computer controlled system. Mixed air damper minimum setting in place. Schedules set to start ventilation minimum 2 hours prior to occupancy.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: System is controlled through automation system ("DDC"). Systems set to increase ventilation air.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Susan Dent Phone Number: 604-713-4912 Email: <a href="mailto:sdent@vsb.bc.ca">sdent@vsb.bc.ca</a>

# VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>X'pey</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes. Refurbishment of 4 AHUs
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Computer control system updated to include a site-wide minimum outdoor air damper setting to ensure ventilation. - Manually controlled system. Mixed air thermostat setting lowered to increase outdoor air flow. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: Site has an automated control system: - Schedules set to start ventilation equipment 2 hours prior to occupancy and to run systems 2 hours after end of school hours. - Added minimum damper position setting through automation system.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: David Delorme Phone Number: 604-713-4696 Email: ddelorme@vsb.bc.ca
<b>Update September 2022</b>	<ul style="list-style-type: none"> <li>Two (2) air handler and 4 unit ventilator coils cleaned.</li> </ul>

# VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Britannia Secondary</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: Click to enter a date. Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes.
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Manually controlled system. Mixed air thermostat setting lowered to increase outdoor air flow. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: System is controlled and operated at the site. Building engineers start ventilation systems at the start of shift each morning.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Rose MacKenzie Phone Number: 604-713-8266 Email: rmackenzie@vsb.bc.ca
<b>Update September 2022</b>	<ul style="list-style-type: none"> <li>• Portable # 10: New Heat Recovery Ventilator (HRV) in progress.</li> <li>• Portable #166: Requires new furnace w/incl ventilation. Washroom exhaust fan. Work planned for late 2022.</li> <li>• Portable #167: New furnace (incl ventilation) + Heat recovery ventilator (HRV). Work planned for late 2022. Uses portable air filters until ventilation upgrades are completed.</li> <li>• Main building: Nine (9) fan units (motors / belts / bearings) parts ordered. Work to complete fall 2022.</li> <li>• Four (4) air handler coils cleaned</li> </ul>
<b>Update September 2023</b>	<ul style="list-style-type: none"> <li>• Nine (9) drive-fan units rebuilt, motors, belts, and bearings. Completed summer 2023.</li> <li>• Portable # 10: complete.</li> <li>• Portable #166: complete</li> </ul>

# VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Byng Secondary</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes. Refurbishment of 4 AHUs
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Computer control system updated to include a site-wide minimum outdoor air damper setting to ensure ventilation. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: Site has an automated control system: - Schedules set to start ventilation equipment 2 hours prior to occupancy and to run systems 2 hours after end of school hours. - Added minimum damper position setting through automation system.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Damian Wilmann Phone Number: 604-713-8171 Email: dwilmann@vsb.bc.ca
<b>Update September 2022</b>	<ul style="list-style-type: none"> <li>Two (2) unit heaters refurbished. Work Complete.</li> <li>Four (4) air handler coils cleaned.</li> </ul>

# VENTILATION SYSTEM OVERVIEW

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<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Churchill Secondary</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes. Refurbishment of 9 AHUs
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Computer control system updated to include a site-wide minimum outdoor air damper setting to ensure ventilation. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: Site has an automated control system: - Schedules set to start ventilation equipment 2 hours prior to occupancy and to run systems 2 hours after end of school hours. - Added minimum damper position setting through automation system.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Annette Vey-Chilton Phone Number: 604-713-8189 Email: <a href="mailto:aveychilto@vsb.bc.ca">aveychilto@vsb.bc.ca</a>
<b>Update September 2022</b>	<ul style="list-style-type: none"> <li>Main building: Nine (9) fan units refurbished (motors / belts / bearings). Complete.</li> <li>Five (5) air handler coils cleaned.</li> </ul>
<b>Update September 2023</b>	<ul style="list-style-type: none"> <li>Room change out of ventilator controls and valves</li> </ul>

# VENTILATION SYSTEM OVERVIEW

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<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Gladstone Secondary</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes. Refurbishment of 9 AHUs
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Manually controlled system. Mixed air thermostat setting lowered to increase outdoor air flow. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: System is controlled and operated at the site. Building engineers start ventilation systems at the start of shift each morning.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Chris Parker Phone Number: 604-713-8288 Email: cparker@vsb.bc.ca
<b>Update September 2022</b>	<ul style="list-style-type: none"> <li>Six (6) air handler coils cleaned</li> </ul>
<b>Update September 2023</b>	<ul style="list-style-type: none"> <li>Two (2) room units replace air lines and old controls</li> </ul>

# VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Hamber Secondary</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes. Refurbishment of 17 AHUs
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Schedules set to start ventilation equipment 2 hours prior to occupancy and to run systems 2 hours after end of school hours. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: Site has an automated control system: - Schedules set to start ventilation equipment 2 hours prior to occupancy and to run systems 2 hours after end of school hours.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Marea Jensen Phone Number: 604-713-8927 Email: mpjensen@vsb.bc.ca
<b>Update September 2022</b>	<ul style="list-style-type: none"> <li>Three (3) Air Handling Units to be refurbished. Work in 2022/23.</li> <li>Three (3) exhaust fans refurbished. Complete.</li> </ul>



# VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>John Oliver Secondary</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes. Refurbishment of 7 AHUs
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Manually controlled system. Mixed air thermostat setting lowered to increase outdoor air flow. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: System is controlled and operated at the site. Building engineers start ventilation systems at the start of shift each morning.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Brent Schieman Phone Number: 604-713-8938 Email: <a href="mailto:bschieman@vsb.bc.ca">bschieman@vsb.bc.ca</a>
<b>Update September 2022</b>	<ul style="list-style-type: none"> <li>Portable # 62: New furnace: Parts on order. Work to complete late 2022.</li> <li>Portable # 70: Requires relief air damper/grill. Work in progress.</li> <li>Portable #C101: Requires Heat Recovery Ventilator (HRV) and relief damper. Work in progress.</li> <li>Two (2) air handlers cleaned.</li> </ul>



# VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Killarney Secondary</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes. Refurbishment of 16 AHUs
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented - Manually controlled system. Mixed air thermostat setting lowered to increase outdoor air flow. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: System is controlled and operated at the site. Building engineers start ventilation systems at the start of shift each morning.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Kal Gill Phone Number: 604-713-8950 Email: kgill@vsb.bc.ca
<b>Update September 2022</b>	<ul style="list-style-type: none"> <li>Sixteen (16) fan units refurbished (motors / belts / bearings). Complete.</li> <li>4 fan room coils cleaned</li> </ul>

# VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>King George Secondary</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes.
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Manually controlled system. Mixed air thermostat setting lowered to increase outdoor air flow. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: System is controlled and operated at the site. Building engineers start ventilation systems at the start of shift each morning.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Tyler Evans Phone Number: 604-713-8999 Email: <a href="mailto:tevans@vsb.bc.ca">tevans@vsb.bc.ca</a>
<b>Update September 2022</b>	<ul style="list-style-type: none"> <li>Five (5) air handler coils cleaned.</li> </ul>

# VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Kitsilano Secondary</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes.
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Computer control system updated to include a site-wide minimum outdoor air damper setting to ensure ventilation. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: Site has an automated control system: - Schedules set to start ventilation equipment 2 hours prior to occupancy and to run systems 2 hours after end of school hours. - Added minimum damper position setting through automation system.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Benita Kwon Phone Number: 604-713-8961 Email: <a href="mailto:bkwon@vsb.bc.ca">bkwon@vsb.bc.ca</a>
<b>Update September 2022</b>	<ul style="list-style-type: none"> <li>One (1) air handling unit (AHU) to be refurbished. Work complete.</li> </ul>

# VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Magee Secondary</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes. Refurbishment of 13 AHUs
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Computer control system updated to include a site-wide minimum outdoor air damper setting to ensure ventilation. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: Site has an automated control system: - Schedules set to start ventilation equipment 2 hours prior to occupancy and to run systems 2 hours after end of school hours. - Added minimum damper position setting through automation system.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Andrew Schofield Phone Number: 604-713-8200 Email: <a href="mailto:aschofield@vsb.bc.ca">aschofield@vsb.bc.ca</a>
<b>Update September 2022</b>	<ul style="list-style-type: none"> <li>Four (4) exhaust fans and two (2) unit heaters refurbished. Work Complete.</li> </ul>

# VENTILATION SYSTEM OVERVIEW

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<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Point Grey Secondary</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: Click to enter a date. Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes. Refurbishment of 5 AHUs
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Manually controlled system. Mixed air thermostat setting lowered to increase outdoor air flow. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: System is controlled and operated at the site. Building engineers start ventilation systems at the start of shift each morning.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Sonia Blair Phone Number: 604-713-8220 Email: <a href="mailto:sblair@vsb.bc.ca">sblair@vsb.bc.ca</a>
<b>Update September 2022</b>	<ul style="list-style-type: none"> <li>Portable #450: New furnace + Heat Recovery Ventilator (HRV) – Complete</li> <li>Portable #452: New furnace, new exhaust fan. Work in progress.</li> <li>Portable #453: New furnace (incl ventilation). Work in progress.</li> <li>Portable #454: New fresh air grill required. Parts ordered / on site. Work in progress</li> <li>Portable #455: Requires new door grill. Work in progress</li> <li>Two (2) air handler coils cleaned.</li> </ul>
<b>Update September 2023</b>	<ul style="list-style-type: none"> <li>Cafeteria replacement of valves and calibration.</li> </ul>

# VENTILATION SYSTEM OVERVIEW

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<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Prince of Wales Secondary</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes. Refurbishment of 5 AHUs
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Manually controlled system. Mixed air thermostat setting lowered to increase outdoor air flow. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: System is controlled and operated at the site. Building engineers start ventilation systems at the start of shift each morning.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Angela Haveman Phone Number: 604-713-8974 Email: ahaveman@vsb.bc.ca
<b>Update September 2022</b>	<ul style="list-style-type: none"> <li>One (1) Air Handling Unit (AHU) refurbished. Work Complete.</li> <li>Five (5) air handler coils cleaned.</li> </ul>

# VENTILATION SYSTEM OVERVIEW

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<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Templeton Secondary</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes.
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: Manually controlled system. Mixed air thermostat setting lowered to increase outdoor air flow. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: System is controlled and operated at the site. Building engineers start ventilation systems at the start of shift each morning.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Raza Mirani Phone Number: 604-713-8984 Email: amirani@vsb.bc.ca
<b>Update September 2022</b>	<ul style="list-style-type: none"> <li>Twelve (12) air handlers &amp; 15 exhaust fans: Units to be refurbished (motors / belts / bearings). Parts ordered. Work to complete 2022/23.</li> <li>Six (6) air handler coils cleaned.</li> </ul>



# VENTILATION SYSTEM OVERVIEW

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<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Thompson Secondary</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes. Refurbishment of 8 AHUs
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Pneumatically controlled system. Mixed air thermostat setting lowered to increase outdoor air flow. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: System is controlled and operated at the site. Building engineers start ventilation systems at the start of shift each morning.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Nick Akrap Phone Number: 604-713-8278 Email: <a href="mailto:nakrap@vsb.bc.ca">nakrap@vsb.bc.ca</a>
<b>Update September 2022</b>	<ul style="list-style-type: none"> <li>Eight (8) air handler coils cleaned</li> </ul>
<b>Update September 2023</b>	<ul style="list-style-type: none"> <li>Seven room ventilator controls repaired including pneumatic controls. Broken air lines, and control valves.</li> </ul>



# VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Tupper Secondary</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes. Refurbishment of 7 AHUs
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented - Manually controlled system. Mixed air thermostat setting lowered to increase outdoor air flow. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: System is controlled and operated at the site. Building engineers start ventilation systems at the start of shift each morning.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Jason Lauzon Phone Number: 604-713-8233 Email: <a href="mailto:jlauzon@vsb.bc.ca">jlauzon@vsb.bc.ca</a>
<b>Update September 2022</b>	<ul style="list-style-type: none"> <li>Portable # 29: Heat Recovery Ventilator (HRV) and fresh air return grill to furnace. – Complete.</li> <li>Portable # 231/232: Two (2) Heat Recovery Ventilators (HRVs) + range hood exhaust. Complete.</li> <li>Seven (7) air handler coils cleaned.</li> </ul>
<b>Update September 2023</b>	<ul style="list-style-type: none"> <li>Room level replacement of pneumatic controls and valves</li> </ul>

# VENTILATION SYSTEM OVERVIEW

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<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>U-Hill Secondary</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes.
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Computer control system updated to include a site-wide minimum outdoor air damper setting to ensure ventilation. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: Site has an automated control system: - Schedules set to start ventilation equipment 2 hours prior to occupancy and to run systems 2 hours after end of school hours. - Added minimum damper position setting through automation system.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Michelle Wood Phone Number: 604-713-8258 Email: mwood@vsb.bc.ca
<b>Update September 2022</b>	<ul style="list-style-type: none"> <li>One return fan, 2 exhaust fans refurbished. Work complete.</li> </ul>

# VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Van Tech Secondary</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes.
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented: - Computer control system updated to include a site-wide minimum outdoor air damper setting to ensure ventilation. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: Site has an automated control system: - Schedules set to start ventilation equipment 2 hours prior to occupancy and to run systems 2 hours after end of school hours. - Added minimum damper position setting through automation system.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Rob Moro Phone Number: 604-713-8215 Email: rmoro@vsb.bc.ca
<b>Update September 2022</b>	<ul style="list-style-type: none"> <li>Two (2) air handler coils cleaned.</li> </ul>

# VENTILATION SYSTEM OVERVIEW

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<b>School District:</b>	39 - Vancouver
<b>School Name:</b>	<b>Windermere Secondary</b>
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes Date of last inspection: Summer break. Note: HVAC systems inspected by building engineers at time of filter replacement. Filters replaced at summer, winter, and spring breaks. Date of next inspection: <a href="#">Click to enter a date.</a> Winter break filter change. Date and type of most recent maintenance: Routine inspection at filter changes. Refurbishment of 24 AHUs
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes Detail: Actions implemented - Manually controlled system. Mixed air thermostat setting lowered to increase outdoor air flow. - Windows reviewed to ensure operability where requested.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes Detail (Including filter grade): Filters upgraded to MERV-13.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: No Detail: None currently identified.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: Yes Detail: System is controlled and operated at the site. Building engineers start ventilation systems at the start of shift each morning.
<b>Other Relevant Information:</b>	School H&S committees should direct any ventilation concerns to the site-level building engineer for resolution and/or maintenance call out.
<b>District Contact for any Questions:</b>	Name: Ranjit Bains Phone Number: 604-713-8180 Email: <a href="mailto:rbains@vsb.bc.ca">rbains@vsb.bc.ca</a>
<b>Update September 2022</b>	<ul style="list-style-type: none"> <li>Four (4) air handler and 4 fan coils unit coils cleaned.</li> </ul>