

# 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.

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| <b>School District:</b>                                                                                      | 58 - Nicola-Similkameen                                                                                                                                                                                          |
| <b>School Name:</b>                                                                                          | John Allison Elementary                                                                                                                                                                                          |
| <b>REQUIREMENT:</b><br>Regular inspection and maintenance of HVAC systems                                    | Yes/No:<br>Yes                                                                                                                                                                                                   |
|                                                                                                              | Date of last inspection:<br>2021-08-30                                                                                                                                                                           |
|                                                                                                              | Date of next inspection:<br>2021-09-27                                                                                                                                                                           |
|                                                                                                              | Date and type of most recent maintenance:<br>2021-08-30 Merv 8 Filter change and unit inspections.                                                                                                               |
| <b>RECOMMENDATION:</b><br>Increase supply of outside air                                                     | Yes/No:<br>Yes                                                                                                                                                                                                   |
|                                                                                                              | Detail:<br>The percentage of outside air has been increased from 10% to 20% when possible. This is temperature dependent. The system also now starts 2 hours before classes for complete air purge and exchange. |
| <b>RECOMMENDATION:</b><br>Upgrade filtration, including installing MERV-13 filters, where possible           | Yes/No:<br>Yes                                                                                                                                                                                                   |
|                                                                                                              | Detail (Including filter grade):<br>New Merv 8 filters are changed and/or inspected every month. Merv 13 filters will be installed where possible based on the engineers review of the HVAC systems.             |
| <b>RECOMMENDATION:</b><br>Use other air cleaning or treatment technologies                                   | Yes/No:<br>No                                                                                                                                                                                                    |
|                                                                                                              | Detail: No other air cleaning or treatment technologies are used in classrooms.                                                                                                                                  |
| <b>RECOMMENDATION:</b><br>Manage energy use and air distribution through building automation control systems | Yes/No:<br>Yes                                                                                                                                                                                                   |
|                                                                                                              | Detail: The District uses an automated control system (DDC) for all HVAC systems.                                                                                                                                |
| <b>Other Relevant Information:</b>                                                                           | The District is working with an engineer and is in the process of inspecting every HVAC system for filtration effectiveness and the application of Merv 13 filters.                                              |
| <b>District Contact for any Questions:</b>                                                                   | Name: Darrell                                                                                                                                                                                                    |
|                                                                                                              | Phone Number: 250-315-1113                                                                                                                                                                                       |
|                                                                                                              | Email: dfinnigan@365.sd58.bc.ca                                                                                                                                                                                  |