

# 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>	58 - Nicola-Similkameen
<b>School Name:</b>	Merritt Central Elementary - This school is not being used due to flooding. Students are at Crossroads and E Free churches.
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes/No: Yes
	Date of last inspection: 2022-01-19
	Date of next inspection: 2022-02-09
	Date and type of most recent maintenance: 2022-01-19 Merv 8 Filter change and unit inspections.
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes/No: Yes
	Detail: 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> Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes
	Detail (Including filter grade): 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. In both churches our temporary schools HEPA air purifiers are used in each classroom.
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes/No: Yes
	Detail: HEPA air purifiers are used in Crossroads and free church temporary classrooms.
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes/No: 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.
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