

Ventilation Systems Overview



School District:	Abbotsford (SD34)
School Name:	Yale
HVAC Description:	Mechanical ventilation
REQUIREMENT: Regular inspection and maintenance of HVAC systems & natural ventilation	Yes
	Date of last inspection: <ul style="list-style-type: none"> July 2021
	Date of next inspection: <ul style="list-style-type: none"> October 2021
RECOMMENDATION: Increase supply of outside air	Yes
	Detail: <ul style="list-style-type: none"> System has been adjusted to allow for an increased supply of outside air based on recommended guidelines issued by our mechanical engineering consultants, based on ASHRAE standards. A scheduled fresh air purge brings on ventilation with 100% outside air for 2 hours prior to occupancy. Fan speeds increased
RECOMMENDATION: Upgrade filtration, including installing MERV-13 filters, where possible	Yes
	Detail (Including filter grade): <ul style="list-style-type: none"> The current filter being used is the highest-grade available for optimal functioning of this ventilation system. MERV 13 filtration is being trialed on a site-by-site basis to mitigate system malfunction. Where system performance capacity has been confirmed, upgrades will be communicated. MERV10s throughout site.
RECOMMENDATION: Use other air cleaning or treatment technologies	Yes
	Detail: <ul style="list-style-type: none"> 1 HEPA unit located in the music room
RECOMMENDATION: Manage energy use and air distribution through building automation control systems	Yes
	Detail: <ul style="list-style-type: none"> Occupancy sensors bypassed CO2 setpoint lowered Automation controls systems updated
Other Relevant Information:	N/A
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