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.

School District:	05 - Southeast Kootenay
School Name:	Fernie Secondary School
REQUIREMENT: Regular inspection and maintenance of HVAC systems	Yes/No: Yes
	Date of last inspection: 2024-09-10
	Date of next inspection: 2023-09-24
	Date and type of most recent maintenance: We check our school's ventilation at least once a month and have 3-month filter change PM. That said we are constantly inspecting our HVAC systems when we are in the schools.
RECOMMENDATION: Increase supply of outside air	Yes/No: Yes
	Detail: We increase the air flow to the ASHRE recommended levels
RECOMMENDATION: Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes
	Detail (Including filter grade): On the recommendation of our engineers, we have not gone to Merv 13. . FSS Has 5 rooftop units which use Merv8 tackifier media and 10 inside MUA's which also use Merv 8 tackifier media.
RECOMMENDATION: Use other air cleaning or treatment technologies	Yes/No: Yes
	Detail: -We have left the Air purifiers in majority of rooms. -Complete clean, scrub and disinfect to all ducting and air handling equipment to each school. This is to be conducted every five years.
RECOMMENDATION: Manage energy use and air distribution through building automation control systems	Yes/No: Yes
	Detail: We use DDC controls and have increased the air flow into the buildings
Other Relevant Information:	We cleaned all the ducts in 2022 and are scheduled again for 2027. We had a flood in the school this June and with the work that went on we cleaned Air handling units 1 and 2 and their ducts in Sept 2024.
	Name: Joe Tank

District Contact for any Questions:	Phone Number: 250-417-2068
	Email: joe.tank@sd5.bc.ca