

# VENTILATION SYSTEM OVERVIEW

<b>School District:</b>	42 - Maple RidgePitt Meadows
<b>School Name:</b>	Albion Elementary
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes
	Date of last inspection: 2022-12-30
	Date of next inspection: Ongoing
	Date and type of most recent maintenance: August 2016 New boilers Dec 2022 Filters changed to MERV-9A
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes
	Detail: Fan speeds increase on variable frequency drives at 100 % during occupancy  Increase operating hours by 8 hours 6 am to 11 pm.  Doubled the amount of outside air  Lowered CO2 setpoint from 1000 PPM to 800 PPM  Disabled occupancy sensors
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes
	Detail (Including filter grade):  MERV-9A filters installed in December 2022
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	No
	Detail:
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes
	Detail: Set control parameters to the setting described above
<b>District Contact for any Questions:</b>	Name: Robbie Stewart
	Phone Number: 604-466-6155
	Email: Robbie_Stewart@sd42.ca

# VENTILATION SYSTEM OVERVIEW

<b>School District:</b>	42 - Maple RidgePitt Meadows
<b>School Name:</b>	Alexander Robinson Elementary
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes
	Date of last inspection: 2022-12-28
	Date of next inspection: Ongoing
	Date and type of most recent maintenance: Dec 2022 Filter Changed to MERV-9A
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes
	Detail: Fan speeds increase on variable frequency drives at 100 % during occupancy
	Increase operating hours by 8 hours 6 am to 11 pm.
	Doubled the amount of outside air
	Lowered CO2 setpoint from 1000 PPM to 800 PPM
Disabled occupancy sensors	
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes
	Detail (Including filter grade):  MERV-9A filters installed December 2022
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	No
	Detail:
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes
	Detail: Set control parameters to the setting described above
<b>District Contact for any Questions:</b>	Name: Robbie Stewart
	Phone Number: 604-466-6155
	Email: Robbie_Stewart@sd42.ca

# VENTILATION SYSTEM OVERVIEW

<b>School District:</b>	42 - Maple RidgePitt Meadows
<b>School Name:</b>	Alouette Elementary
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes
	Date of last inspection: 2022-12-30
	Date of next inspection: Ongoing
	Date and type of most recent maintenance: August 2020 New boilers August 2021 New Computer Control HVAC system with added sensors Dec 2022 Filters change to MERV-9A Dec 2022 Duct cleaning/ complete school
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes
	Detail: Fan speeds increase on variable frequency drives at 100 % during occupancy  Increase operating hours by 8 hours 6 am to 11 pm.  Doubled the amount of outside air  Lowered CO2 setpoint from 1000 PPM to 800 PPM  Occupancy delay changed from 30 min to 2 hours. System will run for 2 hours with no occupancy and turn back on once occupants return to the room.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes
	Detail (Including filter grade): MERV-9A installed December 2022
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	No
	Detail:
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes
	Detail: Set control parameters to the setting described above
<b>District Contact for any Questions:</b>	Name: Robbie Stewart
	Phone Number: 604-466-6155
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# VENTILATION SYSTEM OVERVIEW

<b>School District:</b>	42 - Maple RidgePitt Meadows
<b>School Name:</b>	Arthur Peake Center
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes
	Date of last inspection: 2022-12-21
	Date of next inspection: Ongoing
	Date and type of most recent maintenance: Dec 2022 Filter Changed to MERV-9A
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes
	Detail: Fan speeds increase on variable frequency drives at 100 % during occupancy
	Increase operating hours by 8 hours 6 am to 11 pm.
	Doubled the amount of outside air
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes
	Detail (Including filter grade):  MERV-9A filters installed in December 2022
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	No
	Detail:
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes
	Detail: Set control parameters to the setting described above
<b>District Contact for any Questions:</b>	Name: Robbie Stewart
	Phone Number: 604-466-6155
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# VENTILATION SYSTEM OVERVIEW

<b>School District:</b>	42 - Maple RidgePitt Meadows
<b>School Name:</b>	Blue Mountain Elementary
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes
	Date of last inspection: 2022-12-22
	Date of next inspection: Ongoing
	Date and type of most recent maintenance: Dec 22-2022 Filter change to MERV-9A
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes
	Detail: Fan speeds increase on variable frequency drives at 100 % during occupancy
	Increase operating hours by 8 hours 6 am to 11 pm.
	Doubled the amount of outside air
	Lowered CO2 setpoint from 1000 PPM to 800 PPM
	Disabled occupancy sensors
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes
	Detail (Including filter grade): MERV-9A installed in December 2022
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	No
	Detail:
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes
	Detail: Set control parameters to the setting described above
<b>District Contact for any Questions:</b>	Name: Robbie Stewart
	Phone Number: 604-466-6155
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# VENTILATION SYSTEM OVERVIEW

<b>School District:</b>	42 - Maple RidgePitt Meadows
<b>School Name:</b>	Davie Jones Elementary
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes
	Date of last inspection: 2022-12-29
	Date of next inspection: Ongoing
	Date and type of most recent maintenance: Dec 2022 Filter Changed to MERV-9A August 2020 New boilers Dec 2022 Duct cleaning complete school
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes
	Detail: Fan speeds increase on variable frequency drives at 100 % during occupancy  Increase operating hours by 8 hours 6 am to 11 pm.  Doubled the amount of outside air  Lowered CO2 setpoint from 1000 PPM to 800 PPM  Disabled occupancy sensors
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes
	Detail (Including filter grade):  MERV-9A filters installed December 2022
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes
	Detail:  Duct Cleaning complete School Dec 2022
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes
	Detail: Set control parameters to the setting described above
<b>District Contact for any Questions:</b>	Name: Robbie Stewart
	Phone Number: 604-466-6155
	Email: Robbie_Stewart@sd42.ca

# VENTILATION SYSTEM OVERVIEW

<b>School District:</b>	42 - Maple RidgePitt Meadows
<b>School Name:</b>	DEO
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes
	Date of last inspection: 2022-12-28
	Date of next inspection: Ongoing
	Date and type of most recent maintenance: Dec 2022 Filter Changed to MERV-9A
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes
	Detail: Fan speeds increase on variable frequency drives at 100 % during occupancy  Increase operating hours by 8 hours 6 am to 11 pm.  Doubled the amount of outside air  Lowered CO2 setpoint from 1000 PPM to 800 PPM  Disabled occupancy sensors
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes
	Detail (Including filter grade):  MERV-9A filters installed December 2022
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	No
	Detail:
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes
	Detail: Set control parameters to the setting described above
<b>District Contact for any Questions:</b>	Name: Robbie Stewart
	Phone Number: 604-466-6155
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# VENTILATION SYSTEM OVERVIEW

<b>School District:</b>	42 - Maple RidgePitt Meadows
<b>School Name:</b>	Edith McDermott Elementary
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes
	Date of last inspection: 2022-12-29
	Date of next inspection: Ongoing
	Date and type of most recent maintenance: Dec 2022 Filter Changed to MERV-9A Mar 2023 Duct cleaning complete School
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes
	Detail: Fan speeds increase on variable frequency drives at 100 % during occupancy  Increase operating hours by 8 hours 6 am to 11 pm.  Doubled the amount of outside air  Lowered CO2 setpoint from 1000 PPM to 800 PPM  Disabled occupancy sensors
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes
	Detail (Including filter grade): MERV-9A filters installed December 2022
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes
	Detail: Duct Cleaning to be done over spring break 2023
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes
	Detail: Set control parameters to the setting described above
<b>District Contact for any Questions:</b>	Name: Robbie Stewart
	Phone Number: 604-466-6155
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# VENTILATION SYSTEM OVERVIEW

<b>School District:</b>	42 - Maple RidgePitt Meadows
<b>School Name:</b>	Eric Langton Elementary
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes
	Date of last inspection: 2022-12-30
	Date of next inspection: Ongoing
	Date and type of most recent maintenance: Dec 2022 Filter Changed to MERV-9A August 2012 New boilers
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes
	Detail: Fan speeds increase on variable frequency drives at 100 % during occupancy  Increase operating hours by 8 hours 6 am to 11 pm.  Doubled the amount of outside air  Lowered CO2 setpoint from 1000 PPM to 800 PPM  Disabled occupancy sensors
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes
	Detail (Including filter grade):  MERV-9A filters installed December 2022
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	No
	Detail:
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes
	Detail: Set control parameters to the setting described above
<b>District Contact for any Questions:</b>	Name: Robbie Stewart
	Phone Number: 604-466-6155
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# VENTILATION SYSTEM OVERVIEW

<b>School District:</b>	42 - Maple RidgePitt Meadows
<b>School Name:</b>	Fairview Elementary
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes
	Date of last inspection: 2022-12-20
	Date of next inspection: Ongoing
	Date and type of most recent maintenance: Dec 2022 Filter Changed to MERV-9A August 2016 New boilers August 2021 New Computer Control HVAC system with added sensors
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes
	Detail: Fan speeds increase on variable frequency drives at 100 % during occupancy  Increase operating hours by 8 hours 6 am to 11 pm.  Doubled the amount of outside air  Lowered CO2 setpoint from 1000 PPM to 800 PPM  Occupancy delay changed from 30 min to 2 hours. System will run for 2 hours with no occupancy and turn back on once occupants return to the room.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes
	Detail (Including filter grade):  MERV-9A filters installed December 2022
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	No
	Detail:
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes
	Detail: Set control parameters to the setting described above
<b>District Contact for any Questions:</b>	Name: Robbie Stewart
	Phone Number: 604-466-6155
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# VENTILATION SYSTEM OVERVIEW

<b>School District:</b>	42 - Maple RidgePitt Meadows
<b>School Name:</b>	Garibaldi Secondary
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes
	Date of last inspection: 2022-12-21
	Date of next inspection: Ongoing
	Date and type of most recent maintenance: Dec 2022 Filter Changed to MERV-9A New Domestic Hot water system New HVAC system for shop area Boilers Upgraded in the east boiler room.
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes
	Detail: Fan speeds increase on variable frequency drives at 100 % during occupancy  Increase operating hours by 8 hours 6 am to 11 pm.  Doubled the amount of outside air  Lowered CO2 setpoint from 1000 PPM to 800 PPM  Disabled occupancy sensors
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes
	Detail (Including filter grade): MERV-9A filters installed December 2022
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	No
	Detail:
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes
	Detail: Set control parameters to the setting described above
<b>District Contact for any Questions:</b>	Name: Robbie Stewart
	Phone Number: 604-466-6155
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# VENTILATION SYSTEM OVERVIEW

<b>School District:</b>	42 - Maple RidgePitt Meadows
<b>School Name:</b>	Glenwood Elementary
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes
	Date of last inspection: 2022-12-22
	Date of next inspection: Ongoing
	Date and type of most recent maintenance: Dec 2022 Filter Changed to MERV-9A August 2020 New boilers
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes
	Detail: Fan speeds increase on variable frequency drives at 100 % during occupancy  Increase operating hours by 8 hours 6 am to 11 pm.  Doubled the amount of outside air  Lowered CO2 setpoint from 1000 PPM to 800 PPM  Disabled occupancy sensors
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes
	Detail (Including filter grade):  MERV-9A filters installed December 2022
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	No
	Detail:
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes
	Detail: Set control parameters to the setting described above
<b>District Contact for any Questions:</b>	Name: Robbie Stewart
	Phone Number: 604-466-6155
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# VENTILATION SYSTEM OVERVIEW

<b>School District:</b>	42 - Maple RidgePitt Meadows
<b>School Name:</b>	Golden Ears Elementary
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes
	Date of last inspection: 2022-12-30
	Date of next inspection: Ongoing
	Date and type of most recent maintenance: Dec 2022 Filter Changed to MERV-9A
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes
	Detail: Fan speeds increase on variable frequency drives at 100 % during occupancy
	Increase operating hours by 8 hours 6 am to 11 pm.
	Doubled the amount of outside air
	Lowered CO2 setpoint from 1000 PPM to 800 PPM
	Disabled occupancy sensors
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes
	Detail (Including filter grade):  MERV-9A filters installed December 2022
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	No
	Detail:
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes
	Detail: Set control parameters to the setting described above
<b>District Contact for any Questions:</b>	Name: Robbie Stewart
	Phone Number: 604-466-6155
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# VENTILATION SYSTEM OVERVIEW

<b>School District:</b>	42 - Maple RidgePitt Meadows
<b>School Name:</b>	Hammond Elementary
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes
	Date of last inspection: 2022-12-29
	Date of next inspection: Ongoing
	Date and type of most recent maintenance: Dec 2022 Filter Changed to MERV-9A
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes
	Detail: Fan speeds increase on variable frequency drives at 100 % during occupancy
	Increase operating hours by 8 hours 6 am to 11 pm.
	Doubled the amount of outside air
	Lowered CO2 setpoint from 1000 PPM to 800 PPM
	Disabled occupancy sensors
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes
	Detail (Including filter grade):
	MERV-9A filters installed December 2022
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes
	Detail: Duct Cleaning to be done over spring break 2023
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes
	Detail: Set control parameters to the setting described above
<b>District Contact for any Questions:</b>	Name: Robbie Stewart
	Phone Number: 604-466-6155
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# VENTILATION SYSTEM OVERVIEW

<b>School District:</b>	42 - Maple RidgePitt Meadows
<b>School Name:</b>	Harry Hooge Elementary
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes
	Date of last inspection: 2022-12-21
	Date of next inspection: Ongoing
	Date and type of most recent maintenance: Dec 2022 Filter Changed to MERV-9A August 2019 New boilers August 2021 New computer control HVAC system with added sensors
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes
	Detail: Fan speeds increase on variable frequency drives at 100 % during occupancy  Increase operating hours by 8 hours 6 am to 11 pm.  Doubled the amount of outside air  Lowered CO2 setpoint from 1000 PPM to 800 PPM  Occupancy delay changed from 30 min to 2 hours. System will run for 2 hours with no occupancy and turn back on once occupants return to the room.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes
	Detail (Including filter grade):  MERV-9A filters installed December 2022
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	No
	Detail:
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes
	Detail: Set control parameters to the setting described above
<b>District Contact for any Questions:</b>	Name: Robbie Stewart
	Phone Number: 604-466-6155
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# VENTILATION SYSTEM OVERVIEW

<b>School District:</b>	42 - Maple RidgePitt Meadows
<b>School Name:</b>	Highland Park Elementary
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes
	Date of last inspection: 2022-12-28
	Date of next inspection: Ongoing
	Date and type of most recent maintenance: Dec 2022 Filter Changed to MERV-9A
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes
	Detail: Fan speeds increase on variable frequency drives at 100 % during occupancy
	Increase operating hours by 8 hours 6 am to 11 pm.
	Doubled the amount of outside air
	Lowered CO2 setpoint from 1000 PPM to 800 PPM
Disabled occupancy sensors	
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes
	Detail (Including filter grade):  MERV-9A filters installed December 2022
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	No
	Detail:
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes
	Detail: Set control parameters to the setting described above
<b>District Contact for any Questions:</b>	Name: Robbie Stewart
	Phone Number: 604-466-6155
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# VENTILATION SYSTEM OVERVIEW

<b>School District:</b>	42 - Maple RidgePitt Meadows
<b>School Name:</b>	Kanaka Creek Elementary
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes
	Date of last inspection: 2022-12-23
	Date of next inspection: Ongoing
	Date and type of most recent maintenance: Dec 2022 Filter Changed to MERV-9A August 2017 New Roof Top Units and DDC controls
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes
	Detail: Fan speeds increase on variable frequency drives at 100 % during occupancy  Increase operating hours by 8 hours 6 am to 11 pm.  Doubled the amount of outside air  Lowered CO2 setpoint from 1000 PPM to 800 PPM  Disabled occupancy sensors
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes
	Detail (Including filter grade):  MERV-9A filters installed December 2022
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	No
	Detail:
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes
	Detail: Set control parameters to the setting described above
<b>District Contact for any Questions:</b>	Name: Robbie Stewart
	Phone Number: 604-466-6155
	Email: Robbie_Stewart@sd42.ca

# VENTILATION SYSTEM OVERVIEW

<b>School District:</b>	42 - Maple RidgePitt Meadows
<b>School Name:</b>	Laity View Elementary
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes
	Date of last inspection: 2022-12-20
	Date of next inspection: Ongoing
	Date and type of most recent maintenance: Dec 2022 Filter Changed to MERV-9A August 2021 New Computer Control HVAC system with added sensors
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes
	Detail: Fan speeds increase on variable frequency drives at 100 % during occupancy  Increase operating hours by 8 hours 6 am to 11 pm.  Doubled the amount of outside air  Lowered CO2 setpoint from 1000 PPM to 800 PPM  Occupancy delay changed from 30 min to 2 hours. System will run for 2 hours with no occupancy and turn back on once occupants return to the room.
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes
	Detail (Including filter grade):  MERV-9A filters installed December 2022
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	No
	Detail:
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes
	Detail: Set control parameters to the setting described above
<b>District Contact for any Questions:</b>	Name: Robbie Stewart
	Phone Number: 604-466-6155
	Email: Robbie_Stewart@sd42.ca

# VENTILATION SYSTEM OVERVIEW

<b>School District:</b>	42 - Maple RidgePitt Meadows
<b>School Name:</b>	Maple Ridge Elementary
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes
	Date of last inspection: 2022-12-22
	Date of next inspection: Ongoing
	Date and type of most recent maintenance: Dec 2022 Filter Changed to MERV-9A
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes
	Detail: Fan speeds increase on variable frequency drives at 100 % during occupancy
	Increase operating hours by 8 hours 6 am to 11 pm.
	Doubled the amount of outside air
	Lowered CO2 setpoint from 1000 PPM to 800 PPM
	Disabled occupancy sensors
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes
	Detail (Including filter grade):
	MERV-9A filters installed December 2022
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	No
	Detail:
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes
	Detail: Set control parameters to the setting described above
<b>District Contact for any Questions:</b>	Name: Robbie Stewart
	Phone Number: 604-466-6155
	Email: Robbie_Stewart@sd42.ca

# VENTILATION SYSTEM OVERVIEW

<b>School District:</b>	42 - Maple RidgePitt Meadows
<b>School Name:</b>	Maple Ridge Secondary
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes
	Date of last inspection: 2022-12-28
	Date of next inspection: Ongoing
	Date and type of most recent maintenance: Dec 2022 Filter Changed to MERV-9A March 2023 Spring Break Domestic HWT Replaced
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes
	Detail: Fan speeds increase on variable frequency drives at 100 % during occupancy  Increase operating hours by 8 hours 6 am to 11 pm.  Doubled the amount of outside air  Lowered CO2 setpoint from 1000 PPM to 800 PPM  Disabled occupancy sensors
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes
	Detail (Including filter grade):  MERV-9A filters installed December 2022
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	No
	Detail:
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes
	Detail: Set control parameters to the setting described above
<b>District Contact for any Questions:</b>	Name: Robbie Stewart
	Phone Number: 604-466-6155
	Email: Robbie_Stewart@sd42.ca

# VENTILATION SYSTEM OVERVIEW

<b>School District:</b>	42 - Maple RidgePitt Meadows
<b>School Name:</b>	Operations Building
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes
	Date of last inspection: 2022-12-28
	Date of next inspection: Ongoing
	Date and type of most recent maintenance: Dec 2022 Filter Changed to MERV-9A
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes
	Detail: Fan speeds increase on variable frequency drives at 100 % during occupancy
	Increase operating hours by 8 hours 6 am to 11 pm.
	Doubled the amount of outside air
	Lowered CO2 setpoint from 1000 PPM to 800 PPM
	Disabled occupancy sensors
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes
	Detail (Including filter grade):  MERV-9A filters installed December 2022
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	No
	Detail:
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes
	Detail: Set control parameters to the setting described above
<b>District Contact for any Questions:</b>	Name: Robbie Stewart
	Phone Number: 604-466-6155
	Email: Robbie_Stewart@sd42.ca

# VENTILATION SYSTEM OVERVIEW

<b>School District:</b>	42 - Maple RidgePitt Meadows
<b>School Name:</b>	Pitt Meadows Elementary
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes
	Date of last inspection: 2022-12-29
	Date of next inspection: Ongoing
	Date and type of most recent maintenance: Dec 2022 Filter Changed to MERV-9A Jan 13, 2023, Boiler loop injected with EndoTherm Treatment August 2020 New boilers August 2021 Controls optimization
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes
	Detail: Fan speeds increase on variable frequency drives at 100 % during occupancy  Increase operating hours by 8 hours 6 am to 11 pm.  Doubled the amount of outside air  Lowered CO2 setpoint from 1000 PPM to 800 PPM  Disabled occupancy sensors
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes
	Detail (Including filter grade):  MERV-9A filters installed December 2022
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	No
	Detail:
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes
	Detail: Set control parameters to the setting described above
<b>District Contact for any Questions:</b>	Name: Robbie Stewart
	Phone Number: 604-466-6155
	Email: Robbie_Stewart@sd42.ca

# VENTILATION SYSTEM OVERVIEW

<b>School District:</b>	42 - Maple RidgePitt Meadows
<b>School Name:</b>	Pitt Meadows Secondary
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes
	Date of last inspection: 2022-12-29
	Date of next inspection: Ongoing
	Date and type of most recent maintenance: Dec 2022 Filter Changed to MERV-9A August 2018 two boiler rooms replaced with new boilers & controls
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes
	Detail: Fan speeds increase on variable frequency drives at 100 % during occupancy  Increase operating hours by 8 hours 6 am to 11 pm.  Doubled the amount of outside air  Lowered CO2 setpoint from 1000 PPM to 800 PPM  Disabled occupancy sensors
	Yes
	Detail (Including filter grade):  MERV-9A filters installed December 2022
	Yes
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	No
	Detail:
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes
	Detail: Set control parameters to the setting described above
<b>District Contact for any Questions:</b>	Name: Robbie Stewart
	Phone Number: 604-466-6155
	Email: Robbie_Stewart@sd42.ca

# VENTILATION SYSTEM OVERVIEW

<b>School District:</b>	42 - Maple RidgePitt Meadows
<b>School Name:</b>	Riverside Center
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes
	Date of last inspection: 2022-12-22
	Date of next inspection: Ongoing
	Date and type of most recent maintenance: Dec 2022 Filter Changed to MERV-9A August 2019 New boilers & controls
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes
	Detail: Fan speeds increase on variable frequency drives at 100 % during occupancy  Increase operating hours by 8 hours 6 am to 11 pm.  Doubled the amount of outside air  Lowered CO2 setpoint from 1000 PPM to 800 PPM  Disabled occupancy sensors
	<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible
	Yes
	Detail (Including filter grade): MERV-9A filters installed December 2022
	<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies
No	
Detail:	
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes
	Detail: Set control parameters to the setting described above
<b>District Contact for any Questions:</b>	Name: Robbie Stewart
	Phone Number: 604-466-6155
	Email: Robbie_Stewart@sd42.ca



# VENTILATION SYSTEM OVERVIEW

<b>School District:</b>	42 - Maple RidgePitt Meadows
<b>School Name:</b>	Samuel Robertson Secondary
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes
	Date of last inspection: 2022-12-23
	Date of next inspection: Ongoing
	Date and type of most recent maintenance: Dec 2022 Filter Changed to MERV-9A June 2021 New Chiller New HVAC system for the 10 classroom portables
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes
	Detail: Fan speeds increase on variable frequency drives at 100 % during occupancy  Increase operating hours by 8 hours 6 am to 11 pm.  Doubled the amount of outside air  Lowered CO2 setpoint from 1000 PPM to 800 PPM  Disabled occupancy sensors
	<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible
	Yes
	Detail (Including filter grade): MERV-9A filters installed December 2022
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	Yes
	Detail: Duct Cleaning to be done over spring break 2023
	Yes
	Detail: Set control parameters to the setting described above
<b>District Contact for any Questions:</b>	Name: Robbie Stewart
	Phone Number: 604-466-6155
	Email: Robbie_Stewart@sd42.ca

# VENTILATION SYSTEM OVERVIEW

<b>School District:</b>	42 - Maple Ridge Pitt Meadows
<b>School Name:</b>	Thomas Haney Secondary
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes
	Date of last inspection: 2022-12-23
	Date of next inspection: Ongoing
	Date and type of most recent maintenance: Dec 2022 Filter Changed to MERV-9A
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes
	Detail: Fan speeds increase on variable frequency drives at 100 % during occupancy  Increase operating hours by 8 hours 6 am to 11 pm.  Doubled the amount of outside air  Lowered CO2 setpoint from 1000 PPM to 800 PPM  Disabled occupancy sensors
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes
	Detail (Including filter grade): MERV-9A filters installed December 2022
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	No
	Detail:
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes
	Detail: Set control parameters to the setting described above
<b>District Contact for any Questions:</b>	Name: Robbie Stewart
	Phone Number: 604-466-6155
	Email: Robbie_Stewart@sd42.ca

# VENTILATION SYSTEM OVERVIEW

<b>School District:</b>	42 - Maple Ridge Pitt Meadows
<b>School Name:</b>	Webster's Corners Elementary
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes
	Date of last inspection: 2022-12-23
	Date of next inspection: Ongoing
	Date and type of most recent maintenance: Dec 2022 Filter Changed to MERV-9A
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes
	Detail: Fan speeds increase on variable frequency drives at 100 % during occupancy  Increase operating hours by 8 hours 6 am to 11 pm.  Doubled the amount of outside air  Lowered CO2 setpoint from 1000 PPM to 800 PPM  Disabled occupancy sensors
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes
	Detail (Including filter grade): MERV-9A filters being installed December 2022
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	No
	Detail:
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes
	Detail: Set control parameters to the setting described above
<b>District Contact for any Questions:</b>	Name: Robbie Stewart
	Phone Number: 604-466-6155
	Email: Robbie_Stewart@sd42.ca

# VENTILATION SYSTEM OVERVIEW

<b>School District:</b>	42 - Maple Ridge Pitt Meadows
<b>School Name:</b>	Westview Secondary
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes
	Date of last inspection: 2022-12-23
	Date of next inspection: Ongoing
	Date and type of most recent maintenance: Dec 2022 Filter Changed to MERV-9A  2016- 46 Roof top units replaced & controls 2018-28 roof top units replaced & controls
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes
	Detail: Fan speeds increase on variable frequency drives at 100 % during occupancy  Increase operating hours by 8 hours 6 am to 11 pm.  Doubled the amount of outside air  Lowered CO2 setpoint from 1000 PPM to 800 PPM  Disabled occupancy sensors
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes
	Detail (Including filter grade): Installed Merv-13 air filters MERV-9A filters being installed December 2022
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	No
	Detail:
<b>RECOMMENDATION:</b>	Yes
	Detail: Set control parameters to the setting described above
<b>District Contact for any Questions:</b>	Name: Robbie Stewart
	Phone Number: 604-466-6155
	Email: Robbie_Stewart@sd42.ca

# VENTILATION SYSTEM OVERVIEW

<b>School District:</b>	42 - Maple Ridge Pitt Meadows
<b>School Name:</b>	Whonnock Elementary
<b>REQUIREMENT:</b> Regular inspection and maintenance of HVAC systems	Yes
	Date of last inspection: 2022-12-23
	Date of next inspection: Ongoing
	Date and type of most recent maintenance: Dec 2022 Filter Changed to MERV-9A
<b>RECOMMENDATION:</b> Increase supply of outside air	Yes
	Detail: Fan speeds increase on variable frequency drives at 100 % during occupancy  Increase operating hours by 8 hours 6 am to 11 pm.  Doubled the amount of outside air  Lowered CO2 setpoint from 1000 PPM to 800 PPM  Disabled occupancy sensors
<b>RECOMMENDATION:</b> Upgrade filtration, including installing MERV-13 filters, where possible	Yes
	Detail (Including filter grade):  MERV-9A filters installed December 2022
<b>RECOMMENDATION:</b> Use other air cleaning or treatment technologies	No
	Detail:
<b>RECOMMENDATION:</b> Manage energy use and air distribution through building automation control systems	Yes
	Detail: Set control parameters to the setting described above
<b>District Contact for any Questions:</b>	Name: Robbie Stewart
	Phone Number: 604-466-6155
	Email: Robbie_Stewart@sd42.ca