

School District:	Abbotsford (SD34)
School Name:	Abby Middle
HVAC Description:	Mechanical ventilation
REQUIREMENT:	Yes
Regular inspection and maintenance of	Date of last inspection:
HVAC systems & natural ventilation	August 2021 Part of the state of the s
	Date of next inspection: November 2021
RECOMMENDATION:	Yes
Increase supply of outside air	
	 Detail: 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.
RECOMMENDATION:	Yes
Upgrade filtration, including installing MERV-	Detail (Including filter grade):
13 filters, where possible	 The current filter being used is the highest-grade available for optimal functioning of this ventilation system. MERV 13 filtration is being trialled 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:	Yes
Use other air cleaning or treatment technologies	Detail: 1 HEPA unit in music room and 1 HEPA unit in Youth Care Worker Room
RECOMMENDATION:	Yes
Manage energy use and air distribution	Detail:
through building automation control systems	Automation control systems updated Ossupansy sansars by passad
Systems	Occupancy sensors bypassedCO2 setpoint lowered
Other Relevant Information:	N/A
District Contact for and Questions:	Bob Beukers
	Manager, Electrical and Mechanical
	604 - 897 - 0499
	bob.beukers@abbyschools.ca



School District:	Abbotsford (SD34)
School Name:	Abby Senior / Abby Arts
HVAC Description:	Mechanical ventilation
REQUIREMENT:	Yes
Regular inspection and maintenance of	Date of last inspection:
HVAC systems & natural ventilation	August 2021
	Date of next inspection:
	November 2021
RECOMMENDATION:	Yes
Increase supply of outside air	Detail:
	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.
RECOMMENDATION:	Yes
Upgrade filtration, including installing MERV-	Detail (Including filter grade):
13 filters, where possible	MERV 13 filtration trial successful; system performance capacity
	confirmed, upgrades to MERV 13 completed.
RECOMMENDATION:	MERV13s throughout site. Yes
Use other air cleaning or treatment	Detail:
technologies	1 HEPA unit located in Abby Arts Addition and 1 unit located in
teermologies	Abby Senior Music Room
RECOMMENDATION:	Yes
Manage energy use and air distribution	Detail:
through building automation control	Occupancy sensors bypassed
systems	CO2 setpoint lowered
	Automation controls systems updated
Other Relevant Information:	N/A
District Contact for and Questions:	Bob Beukers
	Manager, Electrical and Mechanical
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School District:	Abbotsford (SD34)
School Name:	Abbotsford Traditional Campus
HVAC Description:	Mechanical ventilation
REQUIREMENT:	Yes
Regular inspection and maintenance of	Date of last inspection:
HVAC systems & natural ventilation	• August 2021
	Date of next inspection:
	November 2021
RECOMMENDATION:	Yes
Increase supply of outside air	Detail:
	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. In all proper with mechanical contiletion school and fresh air purpose.
	 In all areas with mechanical ventilation scheduled fresh air purge brings on ventilation with 100% outside air for 2 hours prior to occupancy.
	Fan speeds increased.
RECOMMENDATION:	Yes
Upgrade filtration, including installing MERV-	Detail (Including filter grade):
13 filters, where possible	 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:	Yes
Use other air cleaning or treatment	Detail:
technologies	7 HEPA units on site in upper floors for comfort during renovation
RECOMMENDATION:	Yes
Manage energy use and air distribution	Detail:
through building automation control	Automation controls systems updated
systems	Motion sensors bypassed
	CO2 setpoint lowered
Other Relevant Information:	Mechanical ventilation
District Contact for and Questions:	Bob Beukers
	Manager, Electrical and Mechanical
	604 – 897 – 0499
	bob.beukers@abbyschools.ca



School District:	Abbotsford (SD34)
School Name:	Abby Virtual
HVAC Description:	Natural ventilation
REQUIREMENT:	Yes
Regular inspection and maintenance of	Date of last inspection:
HVAC systems & natural ventilation	August 2021
	Date of next inspection:
	November 2021
RECOMMENDATION:	Yes
Increase supply of outside air	Detail:
	In portables 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.
	Where possible open classroom hallway doors & windows to increase air evelopes.
RECOMMENDATION:	increase air exchange Yes
Upgrade filtration, including installing MERV-	Detail (Including filter grade):
13 filters, where possible	The current filter being used is the highest-grade available for
15 meets, where possible	optimal functioning of this ventilation system. MERV 13 filtration is
	being trialled on a site-by-site basis to mitigate system malfunction.
	Where system performance capacity has been confirmed, upgrades
	will be communicated.
	MERV11s in portables
RECOMMENDATION:	Yes
Use other air cleaning or treatment	Detail:
technologies	6 HEPA units on site
RECOMMENDATION:	No
Manage energy use and air distribution	Detail:
through building automation control	NA
systems	
Other Relevant Information:	Furnaces in portables and natural systems throughout
District Contact for and Questions:	Bob Beukers
	Manager, Electrical and Mechanical
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	bob.beukers@abbyschools.ca



School District:	Abbotsford (SD34)
School Name:	Aberdeen
HVAC Description:	Mechanical ventilation
REQUIREMENT:	Yes
Regular inspection and maintenance of HVAC systems & natural ventilation	Date of last inspection: • August 2021
	Date of next inspection: November 2021
RECOMMENDATION:	Yes
Increase supply of outside air	 Detail: 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.
RECOMMENDATION:	Yes
Upgrade filtration, including installing MERV- 13 filters, where possible	 Detail (Including filter grade): The current filter being used is the highest-grade available for optimal functioning of this ventilation system. MERV 13 filtration is being trialled on a site-by-site basis to mitigate system malfunction. Where system performance capacity has been confirmed, upgrades will be communicated. MERV10s throughout site, with MERV13 trial in progress.
RECOMMENDATION:	No
Use other air cleaning or treatment technologies	Detail: N/A
RECOMMENDATION:	Yes
Manage energy use and air distribution	Detail:
through building automation control systems	Occupancy sensors bypassedAutomation control systems updated
Other Relevant Information:	N/A
District Contact for and Questions:	Bob Beukers
	Manager, Electrical and Mechanical
	604 – 897 – 0499
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School District:	Abbotsford (SD34)
School Name:	Alexander
HVAC Description:	Combination of mechanical and natural ventilation
REQUIREMENT:	Yes
Regular inspection and maintenance of	Date of last inspection:
HVAC systems & natural ventilation	August 2021
	Date of next inspection:
	November 2021
RECOMMENDATION:	Yes
Increase supply of outside air	Detail:
	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.
RECOMMENDATION:	Yes
Upgrade filtration, including installing MERV-	Detail (Including filter grade):
13 filters, where possible	The current filter being used is the highest-grade available for
	optimal functioning of this ventilation system. MERV 13 filtration is
	being trialled on a site-by-site basis to mitigate system malfunction.
	Where system performance capacity has been confirmed, upgrades
	will be communicated.
	MERV10s throughout the site.
RECOMMENDATION:	Yes
Use other air cleaning or treatment	Detail:
technologies	There are 12 HEPA units on site
RECOMMENDATION:	Yes
Manage energy use and air distribution	Detail:
through building automation control	Automation control systems updated
systems	Motion sensors bypassed
Other Relevant Information:	Combination of mechanical and natural ventilation
District Contact for and Questions:	Bob Beukers
	Manager, Electrical and Mechanical
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	bob.beukers@abbyschools.ca



School District:	Abbotsford (SD34)
School Name:	Asia North Poplar
HVAC Description:	Mechanical ventilation
REQUIREMENT:	Yes
Regular inspection and maintenance of	Date of last inspection:
HVAC systems & natural ventilation	• August 2021
	Date of next inspection:
	November 2021
RECOMMENDATION:	Yes
Increase supply of outside air	Detail:
mercuse supply of outside un	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.
RECOMMENDATION:	Yes
Upgrade filtration, including installing MERV- 13 filters, where possible	 Detail (Including filter grade): The current filter being used is the highest-grade available for optimal functioning of this ventilation system. MERV 13 filtration is being trialled 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:	No
Use other air cleaning or treatment	Detail:
technologies	N/A
RECOMMENDATION:	Yes
Manage energy use and air distribution	Detail:
through building automation control	Automation control system updated
systems	Motion sensors bypassed
Other Relevant Information:	N/A
District Contact for and Questions:	Bob Beukers
	Manager, Electrical and Mechanical
	604 – 897 – 0499
	bob.beukers@abbyschools.ca



School District:	Abbotsford (SD34)
School Name:	Asia Sumas
HVAC Description:	Mechanical ventilation
REQUIREMENT: Regular inspection and maintenance of HVAC systems & natural ventilation	Yes Date of last inspection:
	July 2021Date of next inspection:October 2021
RECOMMENDATION:	Yes
Increase supply of outside air	 Detail: 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 increased 100% outside air for 2 hours prior to occupancy.
RECOMMENDATION: Upgrade filtration, including installing	Yes
MERV-13 filters, where possible	 Detail (Including filter grade): The current filter being used is the highest-grade available for optimal functioning of this ventilation system. MERV 13 filtration is being trialled 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:	Yes
Use other air cleaning or treatment technologies	Detail: 1 HEPA unit in music room
RECOMMENDATION: Manage energy use and air distribution through building automation control systems	Yes Detail: CO2 setpoints lowered Automation control systems updated Motion sensors bypassed
Other Relevant Information:	N/A
District Contact for and Questions:	Bob Beukers Manager, Electrical and Mechanical 604 – 897 – 0499 bob.beukers@abbyschools.ca



School District:	Abbotsford (SD34)
School Name:	Auguston
HVAC Description:	Mechanical ventilation
REQUIREMENT:	Yes
Regular inspection and maintenance of	Date of last inspection:
HVAC systems & natural ventilation	• July 2021
	Date of next inspection:
	October 2021
RECOMMENDATION:	Yes
Increase supply of outside air	Detail:
	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.
RECOMMENDATION:	Yes
Upgrade filtration, including installing MERV-	Detail (Including filter grade):
13 filters, where possible	The current filter being used is the highest-grade available for
	optimal functioning of this ventilation system. MERV 13 filtration is
	being trialled on a site-by-site basis to mitigate system malfunction.
	Where system performance capacity has been confirmed, upgrades
	will be communicated.
D500141511D 151011	MERV10s throughout site.
RECOMMENDATION:	No Date it
Use other air cleaning or treatment	Detail:
technologies RECOMMENDATION:	N/A
	Yes
Manage energy use and air distribution through building automation control	Detail:
systems	Automation control system updated
•	Motion sensors bypassed
Other Relevant Information:	N/A
District Contact for and Questions:	Bob Beukers
	Manager, Electrical and Mechanical 604 – 897 – 0499
	bob.beukers@abbyschools.ca



School District:	Abbotsford (SD34)
School Name:	Bakerview
HVAC Description:	Mechanical ventilation
REQUIREMENT:	Yes
Regular inspection and maintenance of	Date of last inspection:
HVAC systems & natural ventilation	• August 2021
	Date of next inspection:
	November 2021
RECOMMENDATION:	Yes
Increase supply of outside air	Detail:
	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.
RECOMMENDATION:	Yes
Upgrade filtration, including installing MERV-	Detail (Including filter grade):
13 filters, where possible	The current filter being used is the highest-grade available for
	optimal functioning of this ventilation system. MERV 13 filtration is
	being trialled on a site-by-site basis to mitigate system malfunction.
	Where system performance capacity has been confirmed, upgrades
	will be communicated.
	MERV10s throughout the site.
RECOMMENDATION:	No
Use other air cleaning or treatment	Detail:
technologies	N/A
RECOMMENDATION:	Yes
Manage energy use and air distribution	Detail:
through building automation control	Automation control systems updated
systems	Occupancy sensors bypassed
	CO2 setpoint lowered
Other Relevant Information:	N/A
District Contact for and Questions:	Bob Beukers Manager, Electrical and Mechanical
	604 – 897 – 0499
	bob.beukers@abbyschools.ca



School District:	Abbotsford (SD34)
School Name:	Barrowtown
HVAC Description:	Natural ventilation
REQUIREMENT:	Yes
Regular inspection and maintenance of	Date of last inspection:
HVAC systems & natural ventilation	• August 2021
	Date of next inspection:
	September 2021
RECOMMENDATION:	Yes
Increase supply of outside air	Detail:
	Where possible open hallway classroom doors & windows 4 inches
	to increase air exchange
RECOMMENDATION:	Yes
Upgrade filtration, including installing MERV-	Detail (Including filter grade):
13 filters, where possible	 The current filter being used is the highest-grade available for optimal functioning of this ventilation system. MERV 13 filtration is being trialled on a site-by-site basis to mitigate system malfunction. Where system performance capacity has been confirmed, upgrades will be communicated. MERV11s in portables only.
RECOMMENDATION:	Yes
Use other air cleaning or treatment	Detail:
technologies	5 HEPA units on site
RECOMMENDATION:	No
Manage energy use and air distribution	Detail:
through building automation control	N/A
systems	
Other Relevant Information:	Furnaces only in portables and natural systems throughout
District Contact for and Questions:	Bob Beukers
	Manager, Electrical and Mechanical
	604 – 897 – 0499
	bob.beukers@abbyschools.ca



School District:	Abbotsford (SD34)
School Name:	Blue Jay
HVAC Description:	Mechanical ventilation
REQUIREMENT:	Yes
Regular inspection and maintenance of	Date of last inspection:
HVAC systems	• June 2021
	Date of next inspection:
	September 2021
RECOMMENDATION:	Yes
Increase supply of outside air	Detail:
	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.
RECOMMENDATION:	Yes
Upgrade filtration, including installing MERV-	Detail (Including filter grade):
13 filters, where possible	The current filter being used is the highest-grade available for
	optimal functioning of this ventilation system. MERV 13 filtration is
	being trialled on a site-by-site basis to mitigate system malfunction.
	Where system performance capacity has been confirmed, upgrades
	will be communicated.
	MERV 10s installed throughout the site.
RECOMMENDATION:	N/A
Use other air cleaning or treatment	Detail:
technologies	W
RECOMMENDATION:	Yes
Manage energy use and air distribution	Detail:
through building automation control systems	Automation control systems updated
Other Relevant Information:	Motion sensors bypassed
	N/A
District Contact for and Questions:	Bob Beukers Manager Flootrical and Mechanical
	Manager, Electrical and Mechanical 604 – 897 – 0499
	bob.beukers@abbyschools.ca



School District:	Abbotsford (SD34)
School Name:	Bradner
HVAC Description:	Combination of mechanical and natural ventilation
REQUIREMENT:	Yes
Regular inspection and maintenance of	Date of last inspection:
HVAC systems	• June 2021
	Date of next inspection:
	September 2021
RECOMMENDATION:	Yes
Increase supply of outside air	Detail:
	 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.
RECOMMENDATION:	Yes
Upgrade filtration, including installing	Detail (Including filter grade):
MERV-13 filters, where possible	The current filter being used is the highest-grade available for optimal functioning of this ventilation system. MERV 13 filtration is
	being trialled on a site-by-site basis to mitigate system malfunction.
	Where system performance capacity has been confirmed, upgrades
	will be communicated.
	MERV 10s throughout the site.
RECOMMENDATION:	Yes
Use other air cleaning or treatment	Detail:
technologies	4 HEPA units on site in rooms with natural ventilation
RECOMMENDATION:	Yes
Manage energy use and air distribution	Detail:
through building automation control	Motion sensors bypassed
systems	Automation controls systems updated
Other Relevant Information:	Combination of mechanical and natural ventilation
District Contact for and Questions:	Bob Beukers
	Manager, Electrical and Mechanical
	604 – 897 – 0499
	bob.beukers@abbyschools.ca



School District:	Abbotsford (SD34)
School Name:	C & G Howe
HVAC Description:	Mechanical ventilation
REQUIREMENT:	Yes
Regular inspection and maintenance of	Date of last inspection:
HVAC systems & natural ventilation	• March 2021
	Date of next inspection:
	September 2021
RECOMMENDATION:	Yes
Increase supply of outside air	Detail:
	 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.
RECOMMENDATION: Upgrade filtration, including installing MERV-13 filters, where possible	Yes Detail (Including filter grade): • MERV 13 filtration trial successful; system performance capacity confirmed, upgrades to MERV 13 completed. • MERV13s throughout site.
RECOMMENDATION:	No
Use other air cleaning or treatment	Detail:
technologies	N/A
RECOMMENDATION: Manage energy use and air distribution through building automation control systems	Yes Detail: CO2 setpoint lowered Automation controls systems updated Occupancy sensor bypassed
Other Relevant Information:	N/A
District Contact for and Questions:	Bob Beukers Manager, Electrical and Mechanical 604 – 897 – 0499 bob.beukers@abbyschools.ca



School District:	Abbotsford (SD34)
School Name:	Centennial Park
HVAC Description:	Mechanical ventilation
REQUIREMENT:	Yes
Regular inspection and maintenance of	Date of last inspection:
HVAC systems & natural ventilation	August 2021
	Date of next inspection:
	November 2021
RECOMMENDATION:	Yes
Increase supply of outside air	Detail:
	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.
RECOMMENDATION:	Yes
Upgrade filtration, including installing	Detail (Including filter grade):
MERV-13 filters, where possible	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.
250000050000000000000000000000000000000	MERV10s throughout site.
RECOMMENDATION:	No
Use other air cleaning or treatment	Detail:
technologies	NA
RECOMMENDATION:	Yes
Manage energy use and air distribution	Detail:
through building automation control	Automation controls systems updated
systems	Motion sensors bypassed
Other Relevant Information:	N/A
District Contact for and Questions:	Bob Beukers
	Manager, Electrical and Mechanical
	604 – 897 – 0499
	bob.beukers@abbyschools.ca



School District:	Abbotsford (SD34)
School Name:	Chief Dan George
HVAC Description:	Mechanical ventilation
REQUIREMENT: Regular inspection and maintenance of HVAC systems & natural ventilation	Yes
	Date of last inspection: • June 2021 Date of next inspection: • September 2021
RECOMMENDATION:	Yes
Increase supply of outside air	 Detail: 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. Increased fan speed
RECOMMENDATION:	Yes
Upgrade filtration, including installing MERV-13 filters, where possible	 Detail (Including filter grade): The current filter being used is the highest-grade available for optimal functioning of this ventilation system. MERV 13 filtration is being trialled 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:	Yes
Use other air cleaning or treatment technologies	Detail: 2 HEPA units in music rooms
RECOMMENDATION: Manage energy use and air distribution	Yes
through building automation control systems	Detail:
Other Relevant Information:	N/A
District Contact for and Questions:	Bob Beukers Manager, Electrical and Mechanical 604 – 897 – 0499 bob.beukers@abbyschools.ca



School District:	Abbotsford (SD34)
School Name:	Clayburn Middle
HVAC Description:	Mechanical ventilation
REQUIREMENT: Regular inspection and maintenance of HVAC systems & natural ventilation	Yes Date of last inspection: July 2021 Date of next inspection: October 2021
RECOMMENDATION: Increase supply of outside air	Petail: 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.
RECOMMENDATION: Upgrade filtration, including installing MERV-13 filters, where possible	Petail (Including filter grade): MERV 13 filtration trial successful; system performance capacity confirmed, upgrades to MERV 13 completed. MERV13s throughout site.
RECOMMENDATION: Use other air cleaning or treatment technologies	Yes Detail: 1 HEPA unit in music room
RECOMMENDATION: Manage energy use and air distribution through building automation control systems	Yes Detail: CO2 setpoint lowered Occupancy sensors bypassed Automation controls systems updated
Other Relevant Information: District Contact for and Questions:	N/A Bob Beukers Manager, Electrical and Mechanical 604 – 897 – 0499 bob.beukers@abbyschools.ca



School District:	Abbotsford (SD34)
School Name:	Clearbrook
HVAC Description:	Combination of mechanical and natural ventilation
REQUIREMENT:	Yes
Regular inspection and maintenance of	Date of last inspection:
HVAC systems & natural ventilation	• June 2021
	Date of next inspection:
	September 2021
RECOMMENDATION:	Yes
Increase supply of outside air	Detail:
	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.
RECOMMENDATION:	Yes
Upgrade filtration, including installing MERV-	Detail (Including filter grade):
13 filters, where possible	The current filter being used is the highest-grade available for
	optimal functioning of this ventilation system. MERV 13 filtration is
	being trialled on a site-by-site basis to mitigate system malfunction.
	Where system performance capacity has been confirmed, upgrades
	will be communicated.
	MERV10s throughout the site.
RECOMMENDATION:	Yes
Use other air cleaning or treatment	Detail:
technologies	4 HEPA units on site
RECOMMENDATION:	Yes
Manage energy use and air distribution	Detail:
through building automation control	Automation controls systems updated
systems	Motion sensors bypassed
Other Relevant Information:	Combination of mechanical and natural ventilation
District Contact for and Questions:	Bob Beukers
	Manager, Electrical and Mechanical
	604 – 897 – 0499
	bob.beukers@abbyschools.ca



School District:	Abbotsford (SD34)
School Name:	Dave Kandal
HVAC Description:	Mechanical ventilation
REQUIREMENT:	Yes
Regular inspection and maintenance of	Date of last inspection:
HVAC systems & natural ventilation	• June 2021
	Date of next inspection:
	September 2021
RECOMMENDATION:	Yes
Increase supply of outside air	Detail:
	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.
RECOMMENDATION:	Yes
Upgrade filtration, including installing	Detail (Including filter grade):
MERV-13 filters, where possible	The current filter being used is the highest-grade available for
	optimal functioning of this ventilation system. MERV 13 filtration is
	being trialled 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:	N/A
Use other air cleaning or treatment	Detail:
technologies	N/A
RECOMMENDATION:	Yes
Manage energy use and air distribution	Detail:
through building automation control	Motion sensors bypassed
systems	Automation controls systems updated
Other Relevant Information:	N/A
District Contact for and Questions:	Bob Beukers
	Manager, Electrical and Mechanical
	604 – 897 – 0499
	bob.beukers@abbyschools.ca



School District:	Abbotsford (SD34)
School Name:	Dormick Park
HVAC Description:	Mechanical ventilation
REQUIREMENT:	Yes
Regular inspection and maintenance of	Date of last inspection:
HVAC systems & natural ventilation	August 2021
	Date of next inspection:
	November 2021
RECOMMENDATION:	Yes
Increase supply of outside air	Detail:
	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.
RECOMMENDATION:	Yes
Upgrade filtration, including installing MERV-	Detail (Including filter grade):
13 filters, where possible	 The current filter being used is the highest-grade available for optimal functioning of this ventilation system. MERV 13 filtration is being trialled 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:	No
Use other air cleaning or treatment	Detail:
technologies	N/A
RECOMMENDATION:	Yes
Manage energy use and air distribution	Detail:
through building automation control	Motion sensors bypassed
systems	Automation controls systems updated
Other Relevant Information:	N/A
District Contact for and Questions:	Bob Beukers
	Manager, Electrical and Mechanical
	604 – 897 – 0499
	bob.beukers@abbyschools.ca



School District:	Abbotsford (SD34)
School Name:	Eugene Reimer
HVAC Description:	Mechanical ventilation
REQUIREMENT: Regular inspection and maintenance of	Yes
HVAC systems & natural ventilation	Date of last inspection: • June 2021
	Date of next inspection: September 2021
RECOMMENDATION:	Yes
Increase supply of outside air	 Detail: 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.
RECOMMENDATION:	Yes
Upgrade filtration, including installing MERV-13 filters, where possible	Detail (Including filter grade): MERV 13 filtration trial successful; system performance capacity confirmed, upgrades to MERV 13 completed. MERV13s throughout site.
RECOMMENDATION:	Yes
Use other air cleaning or treatment technologies	Detail: 1 HEPA unit located in the music room
RECOMMENDATION: Manage energy use and air distribution	Yes
through building automation control systems	Detail:
Other Relevant Information:	N/A
District Contact for and Questions:	Bob Beukers Manager, Electrical and Mechanical $604 - 897 - 0499$
	bob.beukers@abbyschools.ca



School District:	Abbotsford (SD34)
School Name:	Godson
HVAC Description:	Combination of mechanical and natural ventilation – door grates and hallway exhaust fan installed as part of ventilation upgrades
REQUIREMENT:	Yes
Regular inspection and maintenance of	Date of last inspection:
HVAC systems & natural ventilation	August 2021
	Date of next inspection:
	November 2021
RECOMMENDATION:	Yes
Increase supply of outside air	Detail:
	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.
	Where possible, a scheduled fresh air purge brings on ventilation
	with increased outside air for 2 hours prior to occupancy.
RECOMMENDATION:	Yes
Upgrade filtration, including installing MERV-	Detail (Including filter grade):
13 filters, where possible	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.
RECOMMENDATION:	MERV10s throughout site. Yes
Use other air cleaning or treatment	
technologies	Detail:
_	18 HEPA units on site in rooms with natural ventilation
RECOMMENDATION:	Yes
Manage energy use and air distribution	Detail:
through building automation control	CO2 setpoint lowered
systems	Motion sensors bypassed
	Automation controls systems updated
Other Relevant Information:	Natural ventilation rooms— door grates and hallway exhaust fan
District Control Control	installed as part of ventilation upgrades spring 2021.
District Contact for and Questions:	Bob Beukers
	Manager, Electrical and Mechanical
	604 – 897 – 0499
	bob.beukers@abbyschools.ca



School District:	Abbotsford (SD34)
School Name:	Harry Sayers
HVAC Description:	Mechanical ventilation
REQUIREMENT: Regular inspection and maintenance of	Yes
HVAC systems & natural ventilation	Date of last inspection: • June 2021
	Date of next inspection: • September 2021
RECOMMENDATION:	Yes
Increase supply of outside air	 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:	Yes
Upgrade filtration, including installing MERV-13 filters, where possible	 Detail (Including filter grade): 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/11s throughout site.
RECOMMENDATION:	No
Use other air cleaning or treatment technologies	Detail: N/A
RECOMMENDATION:	Yes
Manage energy use and air distribution through building automation control systems	 Details: Automation control systems updated CO2 setpoints lowered Motion sensors bypassed
Other Relevant Information:	N/A
District Contact for and Questions:	Bob Beukers Manager, Electrical and Mechanical 604 – 897 – 0499
	bob.beukers@abbyschools.ca



School District:	Abbotsford (SD34)
School Name:	Jackson
HVAC Description:	Mechanical ventilation
REQUIREMENT:	Yes
Regular inspection and maintenance of	Date of last inspection:
HVAC systems & natural ventilation	August 2021
	Date of next inspection:
	November 2021
RECOMMENDATION:	Yes
Increase supply of outside air	Detail
	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.
RECOMMENDATION:	Yes
Upgrade filtration, including installing	Detail (Including filter grade):
MERV-13 filters, where possible	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:	No
Use other air cleaning or treatment	Detail:
technologies	N/A
RECOMMENDATION:	Yes
Manage energy use and air distribution	Detail:
through building automation control	Automation controls systems updated
systems	Motion sensors bypassed
Other Relevant Information:	N/A
District Contact for and Questions:	Bob Beukers
	Manager, Electrical and Mechanical
	604 – 897 – 0499
	bob.beukers@abbyschools.ca



School District:	Abbotsford (SD34)
School Name:	John Maclure
HVAC Description:	Mechanical ventilation
REQUIREMENT:	Yes
Regular inspection and maintenance of	Date of last inspection:
HVAC systems & natural ventilation	• June 2021
	Date of next inspection:
	September 2021
RECOMMENDATION:	Yes
Increase supply of outside air	Detail:
	 Supply of outside air has been increased 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. Increased fan speed
RECOMMENDATION:	Yes
Upgrade filtration, including installing	Detail (Including filter grade):
MERV-13 filters, where possible	 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:	No
Use other air cleaning or treatment	Detail:
technologies	N/A
RECOMMENDATION:	Yes
Manage energy use and air distribution	Detail:
through building automation control	CO2 setpoints lowered
systems	Automation controls systems updated
	Motion sensors bypassed
Other Relevant Information:	N/A
District Contact for and Questions:	Bob Beukers
	Manager, Electrical and Mechanical
	604 – 897 – 0499
	bob.beukers@abbyschools.ca



School District:	Abbotsford (SD34)
School Name:	King
HVAC Description:	Combination of mechanical and natural ventilation systems
REQUIREMENT:	Yes
Regular inspection and maintenance of	Date of last inspection:
HVAC systems & natural ventilation	• August 2021
	Date of next inspection:
	November 2021
RECOMMENDATION:	Yes
Increase supply of outside air	Detail:
	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.
RECOMMENDATION:	Yes
Upgrade filtration, including installing	Detail (Including filter grade):
MERV-13 filters, where possible	Charcoal filters installed for odor as a result of 2019 AQ investigation
	re: offsite manure plant.
RECOMMENDATION:	Yes
Use other air cleaning or treatment	Detail:
technologies	4 HEPA units on site in rooms with natural ventilation
RECOMMENDATION:	Yes
Manage energy use and air distribution	Detail:
through building automation control	Automation controls systems updated
systems	Heat recovery ventilator added to 135, 137 and 139 pre-2019 to
	increase outdoor air mitigating impacts to indoor temp.
Other Bulleton Halferton Halferton	Motion sensors bypassed
Other Relevant Information:	Combination of mechanical and natural ventilation systems
District Contact for and Questions:	Bob Beukers Manager, Electrical and Mechanical
	Manager, Electrical and Mechanical $604 - 897 - 0499$
	bob.beukers@abbyschools.ca



School District:	Abbotsford (SD34)
School Name:	Margaret Stenerson
HVAC Description:	Combination of mechanical and natural ventilation
REQUIREMENT:	Yes
Regular inspection and maintenance of	Date of last inspection:
HVAC systems & natural ventilation	• July 2021
	Date of next inspection:
	October 2021
RECOMMENDATION:	Yes
Increase supply of outside air	Detail:
	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.
RECOMMENDATION:	Yes
Upgrade filtration, including installing	Detail (Including filter grade):
MERV-13 filters, where possible	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:	Yes
Use other air cleaning or treatment	Detail:
technologies	10 HEPA units installed in rooms with natural ventilation
RECOMMENDATION:	Yes
Manage energy use and air distribution	Detail:
through building automation control	Automation controls systems updated
systems	Motion sensors bypassed
Other Relevant Information:	Combination of mechanical and natural ventilation
District Contact for and Questions:	Bob Beukers
	Manager, Electrical and Mechanical
	604 – 897 – 0499
	bob.beukers@abbyschools.ca



School District:	Abbotsford (SD34)
School Name:	Matsqui
HVAC Description:	Mechanical ventilation
REQUIREMENT:	Yes
Regular inspection and maintenance of	Date of last inspection:
HVAC systems & natural ventilation	• June 2021
	Date of next inspection:
	September 2021
RECOMMENDATION:	Yes
Increase supply of outside air	Detail:
	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.
RECOMMENDATION:	Yes
Upgrade filtration, including installing	Detail (Including filter grade):
MERV-13 filters, where possible	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:	No
Use other air cleaning or treatment	Detail:
technologies	N/A
RECOMMENDATION:	Yes
Manage energy use and air distribution	Detail:
through building automation control	Automation controls systems updated
systems	Motion sensors bypassed
Other Relevant Information:	N/A
District Contact for and Questions:	Bob Beukers Managar, Floatrical and Machanical
	Manager, Electrical and Mechanical $604 - 897 - 0499$
	bob.beukers@abbyschools.ca



School District:	Abbotsford (SD34)
School Name:	McMillan
HVAC Description:	Mechanical ventilation
REQUIREMENT:	Yes
Regular inspection and maintenance of	Date of last inspection:
HVAC systems & natural ventilation	• July 2021
	Date of next inspection:
	October 2021
RECOMMENDATION:	Yes
Increase supply of outside air	Detail:
	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.
RECOMMENDATION:	Yes
Upgrade filtration, including installing	Detail (Including filter grade):
MERV-13 filters, where possible	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:	No
Use other air cleaning or treatment	Detail:
technologies	N/A
RECOMMENDATION:	Yes
Manage energy use and air distribution	Detail:
through building automation control	Automation controls systems updated
systems	Motion sensors bypassed
Other Relevant Information:	N/A
District Contact for and Questions:	Bob Beukers Manager, Floetrical and Machanical
	Manager, Electrical and Mechanical 604 – 897 – 0499
	bob.beukers@abbyschools.ca



School District:	Abbotsford (SD34)
School Name:	Mountain
HVAC Description:	Mechanical ventilation
REQUIREMENT:	Yes
Regular inspection and maintenance of	Date of last inspection:
HVAC systems & natural ventilation	• July 2021
	Date of next inspection:
	October 2021
RECOMMENDATION:	Yes
Increase supply of outside air	Detail:
	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.
	Where possible, a scheduled fresh air purge brings on ventilation
	with increased outside air for 2 hours prior to occupancy. Fan
	speeds increased
RECOMMENDATION:	Yes
Upgrade filtration, including installing MERV-	Detail (Including filter grade):
13 filters, where possible	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.
DECOMMENDATION.	MERV11s throughout site.
RECOMMENDATION:	No Details
Use other air cleaning or treatment	Detail: N/A
technologies RECOMMENDATION:	Yes
Manage energy use and air distribution	Detail:
through building automation control	CO2 setpoint lowered
systems	Automation controls systems updated
3,5355	Motion sensors bypassed
Other Relevant Information:	N/A
District Contact for and Questions:	Bob Beukers
	Manager, Electrical and Mechanical
	604 – 897 – 0499
	bob.beukers@abbyschools.ca
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School District:	Abbotsford (SD34)
School Name:	Mt Lehman
HVAC Description:	Combination of mechanical and natural ventilation systems
REQUIREMENT:	Yes
Regular inspection and maintenance of	Date of last inspection:
HVAC systems & natural ventilation	June 2021
	Date of next inspection:
	September 2021
RECOMMENDATION:	Yes
Increase supply of outside air	Detail:
	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.
RECOMMENDATION:	Yes
Upgrade filtration, including installing	Detail (Including filter grade):
MERV-13 filters, where possible	 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:	Yes
Use other air cleaning or treatment	Detail:
technologies	7 HEPA units on site in rooms with natural ventilation
RECOMMENDATION:	Yes
Manage energy use and air distribution	Detail:
through building automation control	Automation controls systems updated
systems	Motion sensors bypassed
Other Relevant Information:	Combination of mechanical and natural ventilation systems
District Contact for and Questions:	Bob Beukers
	Manager, Electrical and Mechanical
	604 - 897 - 0499
	bob.beukers@abbyschools.ca



School District:	Abbotsford (SD34)
School Name:	Prince Charles
HVAC Description:	Mechanical ventilation
REQUIREMENT:	Yes
Regular inspection and maintenance of	Date of last inspection:
HVAC systems & natural ventilation	• July 2021
	Date of next inspection:
	October 2021
RECOMMENDATION:	Yes
Increase supply of outside air	Detail:
	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 100% outside air for 2 hours
	prior to occupancy.
	Fan speeds increased.
RECOMMENDATION:	Yes
Upgrade filtration, including installing MERV-	Detail (Including filter grade):
13 filters, where possible	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:	No
Use other air cleaning or treatment	Detail:
technologies	N/A
RECOMMENDATION:	Yes
Manage energy use and air distribution	Detail:
through building automation control	CO2 setpoint lowered
systems	Automation controls systems updated
	Motion sensors bypassed
Other Relevant Information:	N/A
District Contact for and Questions:	Bob Beukers
	Manager, Electrical and Mechanical
	604 – 897 – 0499
	bob.beukers@abbyschools.ca



School District:	Abbotsford (SD34)
School Name:	Rick Hansen
HVAC Description:	Mechanical ventilation
REQUIREMENT:	Yes
Regular inspection and maintenance of	Date of last inspection:
HVAC systems & natural ventilation	• June 2021
	Date of next inspection:
	September 2021
RECOMMENDATION:	Yes
Increase supply of outside air	Detail:
	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:	Yes
Upgrade filtration, including installing	Detail (Including filter grade):
MERV-13 filters, where possible	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:	Yes
Use other air cleaning or treatment	
technologies	Detail:
	1 HEPA unit on site in room with natural ventilation.
RECOMMENDATION:	Yes
Manage energy use and air distribution through building automation control	Detail:
systems	Occupancy sensors bypassed
Systems	CO2 setpoints lowered
	Automation controls systems updated
Other Relevant Information:	N/A
District Contact for and Questions:	Bob Beukers
	Manager, Electrical and Mechanical
	604 – 897 – 0499
	bob.beukers@abbyschools.ca



School District:	Abbotsford (SD34)
School Name:	Robert Bateman
HVAC Description: REQUIREMENT: Regular inspection and maintenance of HVAC systems & natural ventilation RECOMMENDATION: Increase supply of outside air	Mechanical ventilation Yes Date of last inspection: July 2021 Date of next inspection: October 2021 Yes Detail: 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.
RECOMMENDATION: Upgrade filtration, including installing MERV- 13 filters, where possible	Yes Detail (Including filter grade): 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 RECOMMENDATION: Manage energy use and air distribution through building automation control systems	Yes Detail: 1 HEPA unit located in the music room Yes Detail: CO2 sensors lowered
Other Relevant Information: District Contact for and Questions:	 Occupancy sensors bypassed Automation controls systems updated N/A Bob Beukers Manager, Electrical and Mechanical 604 – 897 – 0499 bob.beukers@abbyschools.ca



School District:	Abbotsford (SD34)
School Name:	Roberta Bondar
HVAC Description:	Mechanical ventilation
REQUIREMENT:	Yes
Regular inspection and maintenance of	Date of last inspection:
HVAC systems & natural ventilation	• June 2021
	Date of next inspection:
	September 2021
RECOMMENDATION:	Yes
Increase supply of outside air	Detail:
	 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.
RECOMMENDATION:	Yes
Upgrade filtration, including installing MERV-	Detail (Including filter grade):
13 filters, where possible	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:	No
Use other air cleaning or treatment	Detail:
technologies	N/A
RECOMMENDATION:	Yes
Manage energy use and air distribution	Detail:
through building automation control	Automation controls systems updated
systems	Motion sensors bypassed
Other Relevant Information:	N/A
District Contact for and Questions:	Bob Beukers
	Manager, Electrical and Mechanical
	604 – 897 – 0499
	bob.beukers@abbyschools.ca



School District:	Abbotsford (SD34)
School Name:	Ross
HVAC Description:	Mechanical ventilation
REQUIREMENT:	Yes
Regular inspection and maintenance of	Date of last inspection:
HVAC systems & natural ventilation	August 2021
	Date of next inspection:
	November 2021
RECOMMENDATION:	Yes
Increase supply of outside air	Detail:
	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.
RECOMMENDATION:	Yes
Upgrade filtration, including installing	Detail (Including filter grade):
MERV-13 filters, where possible	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:	No
Use other air cleaning or treatment	Detail:
technologies	N/A
RECOMMENDATION:	Yes
Manage energy use and air distribution	Detail:
through building automation control	Automation controls systems updated
systems	Motion sensors bypassed
Other Relevant Information:	N/A
District Contact for and Questions:	Bob Beukers
	Manager, Electrical and Mechanical
	604 – 897 – 0499
	bob.beukers@abbyschools.ca



School District:	Abbotsford (SD34)
School Name:	Sandy Hill
HVAC Description:	Mechanical ventilation
REQUIREMENT:	Yes
Regular inspection and maintenance of	Date of last inspection:
HVAC systems & natural ventilation	• July 2021
	Date of next inspection:
	October 2021
RECOMMENDATION:	Yes
Increase supply of outside air	Detail:
	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.
RECOMMENDATION:	Yes
Upgrade filtration, including installing	Detail (Including filter grade):
MERV-13 filters, where possible	 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:	No
Use other air cleaning or treatment	Detail:
technologies	N/A
RECOMMENDATION:	Yes
Manage energy use and air distribution	Detail:
through building automation control	Automation controls systems updated
systems	Motion sensors bypassed
Other Relevant Information:	N/A
District Contact for and Questions:	Bob Beukers
	Manager, Electrical and Mechanical
	604 – 897 – 0499
	bob.beukers@abbyschools.ca



School District:	Abbotsford (SD34)
School Name:	South Poplar
HVAC Description:	Mechanical ventilation
REQUIREMENT:	Yes
Regular inspection and maintenance of	Date of last inspection:
HVAC systems & natural ventilation	August 2021
	Date of next inspection:
	November 2021
RECOMMENDATION:	Yes
Increase supply of outside air	Detail:
	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.
RECOMMENDATION:	Yes
Upgrade filtration, including installing	Detail (Including filter grade):
MERV-13 filters, where possible	 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. MERV11s throughout
RECOMMENDATION:	No
Use other air cleaning or treatment	Detail:
technologies	N/A
RECOMMENDATION:	Yes
Manage energy use and air distribution	Detail:
through building automation control	Automation controls systems updated
systems	Occupancy sensors bypassed
Other Relevant Information:	N/A
District Contact for and Questions:	Bob Beukers
	Manager, Electrical and Mechanical
	604 – 897 – 0499
	bob.beukers@abbyschools.ca



School District:	Abbotsford (SD34)
School Name:	Ten-Broeck
HVAC Description:	Combination of mechanical and natural ventilation
REQUIREMENT:	Yes
Regular inspection and maintenance of	Date of last inspection:
HVAC systems & natural ventilation	• June 2021
	Date of next inspection:
	September 2021
RECOMMENDATION:	Yes
Increase supply of outside air	Detail:
	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.
RECOMMENDATION:	Yes
Upgrade filtration, including installing MERV-	Detail (Including filter grade):
13 filters, where possible	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:	Yes
Use other air cleaning or treatment	Detail:
technologies	4 HEPA units on site in rooms with natural ventilation
RECOMMENDATION:	Yes
Manage energy use and air distribution	Detail:
through building automation control	Automation controls systems updated
systems	Motion sensors bypassed
Other Relevant Information:	Combination of mechanical and natural ventilation
District Contact for and Questions:	Bob Beukers
	Manager, Electrical and Mechanical
	604 – 897 – 0499
	bob.beukers@abbyschools.ca



School District:	Abbotsford (SD34)
School Name:	Terry Fox
HVAC Description:	Mechanical ventilation
REQUIREMENT:	Yes
Regular inspection and maintenance of	Date of last inspection:
HVAC systems & natural ventilation	• June 2021
	Date of next inspection:
	September 2021
RECOMMENDATION:	Yes
Increase supply of outside air	Detail:
	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.
RECOMMENDATION:	Yes
Upgrade filtration, including installing	Detail (Including filter grade):
MERV-13 filters, where possible	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.
	MERV10 and MERV11s throughout site.
RECOMMENDATION:	No
Use other air cleaning or treatment	Detail:
technologies	N/A
RECOMMENDATION:	Yes
Manage energy use and air distribution	Detail:
through building automation control	Automation controls systems updated
systems	Motion sensors bypassed
Other Relevant Information:	N/A
District Contact for and Questions:	Bob Beukers Manager Floatrical and Machanical
	Manager, Electrical and Mechanical $604 - 897 - 0499$
	bob.beukers@abbyschools.ca



School District:	Abbotsford (SD34)
School Name:	Thomas Swift
HVAC Description:	Mechanical ventilation
REQUIREMENT:	Yes
Regular inspection and maintenance of	Date of last inspection:
HVAC systems & natural ventilation	• July 2021
	Date of next inspection:
	October 2021
RECOMMENDATION:	Yes
Increase supply of outside air	Detail:
	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.
RECOMMENDATION:	Yes
Upgrade filtration, including installing	Detail (Including filter grade):
MERV-13 filters, where possible	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 and 11s throughout
RECOMMENDATION:	No
Use other air cleaning or treatment	Detail:
technologies	N/A
RECOMMENDATION:	Yes
Manage energy use and air distribution through building automation control	Detail:
systems	CO2 setpoints lowered
Systems	Automation controls systems updated
Other Relevant Information:	Motion sensors bypassed
	N/A Reb Boultons
District Contact for and Questions:	Bob Beukers Manager Floctrical and Mochanical
	Manager, Electrical and Mechanical $604 - 897 - 0499$
	bob.beukers@abbyschools.ca



School District:	Abbotsford (SD34)
School Name:	Upper Sumas
HVAC Description:	Natural ventilation
REQUIREMENT:	Yes
Regular inspection and maintenance of	Date of last inspection:
Boiler system & natural ventilation	October 2021
	Date of next inspection:
	April 2022
RECOMMENDATION:	Yes
Increase supply of outside air	Detail:
	Natural ventilation – open classroom windows and hallway doors
	with adjacent class to create crossflow ventilation
RECOMMENDATION:	Yes
Upgrade filtration, including installing MERV-	Detail (Including filter grade):
13 filters, where possible	No permanent filtration on site
RECOMMENDATION:	Yes
Use other air cleaning or treatment	Detail:
technologies	17 HEPA units on site in rooms with natural ventilation
RECOMMENDATION:	Yes
Manage energy use and air distribution	Detail:
through building automation control	Building automation monitors boiler water supply temperatures
systems	only.
Other Relevant Information:	Natural ventilation only
District Contact for and Questions:	Bob Beukers
	Manager, Electrical and Mechanical
	604 - 897 - 0499
	bob.beukers@abbyschools.ca



School District:	Abbotsford (SD34)
School Name:	WA Fraser
HVAC Description:	Mechanical ventilation
REQUIREMENT:	Yes
Regular inspection and maintenance of	Date of last inspection:
HVAC systems & natural ventilation	• July 2021
	Date of next inspection:
	October 2021
RECOMMENDATION:	Yes
Increase supply of outside air	Detail:
	 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.
RECOMMENDATION:	Yes
Upgrade filtration, including installing	Detail (Including filter grade):
MERV-13 filters, where possible	 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. MERV10 and MERV11s throughout site
RECOMMENDATION:	Yes
Use other air cleaning or treatment	Detail:
technologies	1 HEPA unit located in the music room
RECOMMENDATION:	Yes
Manage energy use and air distribution	Detail:
through building automation control	Occupancy sensors bypassed
systems	CO2 setpoint lowered
	Automation controls systems updated
Other Relevant Information:	N/A
District Contact for and Questions:	Bob Beukers
	Manager, Electrical and Mechanical
	604 – 897 – 0499
	bob.beukers@abbyschools.ca



School District:	Abbotsford (SD34)
School Name:	WJ Mouat
HVAC Description:	Mechanical ventilation
REQUIREMENT:	Yes
Regular inspection and maintenance of	Date of last inspection:
HVAC systems & natural ventilation	• June 2021
	Date of next inspection:
	September 2021
RECOMMENDATION:	Yes
Increase supply of outside air	Detail:
	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 to 100% during operational hours
RECOMMENDATION:	Yes
Upgrade filtration, including installing	Detail (Including filter grade):
MERV-13 filters, where possible	 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:	Yes
Use other air cleaning or treatment	Detail:
technologies	1 HEPA unit installed in the music room
RECOMMENDATION:	Yes
Manage energy use and air distribution	Detail:
through building automation control	Occupancy sensors bypassed
systems	CO2 setpoint lowered
	Automation controls systems updated
Other Relevant Information:	N/A
District Contact for and Questions:	Bob Beukers
	Manager, Electrical and Mechanical
	604 – 897 – 0499
	bob.beukers@abbyschools.ca



School District:	Abbotsford (SD34)
School Name:	Yale
HVAC Description:	Mechanical ventilation
REQUIREMENT:	Yes
Regular inspection and maintenance of	Date of last inspection:
HVAC systems & natural ventilation	• July 2021
	Date of next inspection:
	October 2021
RECOMMENDATION:	Yes
Increase supply of outside air	 Detail: 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:	Yes
Upgrade filtration, including installing	Detail (Including filter grade):
MERV-13 filters, where possible	 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:	Yes
Use other air cleaning or treatment	Detail:
technologies	1 HEPA unit located in the music room
RECOMMENDATION:	Yes
Manage energy use and air distribution	Detail:
through building automation control	Occupancy sensors bypassed
systems	CO2 setpoint lowered
Other Bullet and Justice and	Automation controls systems updated
Other Relevant Information:	N/A Reb Boulsers
District Contact for and Questions:	Bob Beukers Manager, Floctrical and Mochanical
	Manager, Electrical and Mechanical $604 - 897 - 0499$
	bob.beukers@abbyschools.ca
	DOD.DCGRC13@GDDY3CHOOI3.CG



School District:	Abbotsford (SD34)
School Name:	C.O.R.E (and Annex)
HVAC Description:	Combination of mechanical and natural ventilation
REQUIREMENT:	Yes
Regular inspection and maintenance of	Date of last inspection:
HVAC systems & natural ventilation	• August 2021
	Date of next inspection:
	November 2021
RECOMMENDATION:	Yes
Increase supply of outside air	Detail:
	Localized control of ventilation only.
RECOMMENDATION:	Yes
Upgrade filtration, including installing MERV-	Detail (Including filter grade):
13 filters, where possible	 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:	Yes
Use other air cleaning or treatment	Detail:
technologies	3 HEPA units on site in rooms with natural ventilation (Annex only)
RECOMMENDATION:	Yes
Manage energy use and air distribution	Detail:
through building automation control	No building automation at site.
systems	
Other Relevant Information:	Combination of mechanical and natural ventilation
District Contact for and Questions:	Bob Beukers
	Manager, Electrical and Mechanical
	604 – 897 – 0499
	bob.beukers@abbyschools.ca



School District:	Abbotsford (SD34)
School Name:	Facilities and Transportation
HVAC Description:	Mechanical ventilation
REQUIREMENT:	Yes
Regular inspection and maintenance of	Date of last inspection:
HVAC systems & natural ventilation	• August 2021
	Date of next inspection:
	November 2021
RECOMMENDATION:	Yes
Increase supply of outside air	Detail:
	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.
RECOMMENDATION:	Yes
Upgrade filtration, including installing MERV-	Detail (Including filter grade):
13 filters, where possible	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.
RECOMMENDATION:	MERV13s throughout site. Yes
Use other air cleaning or treatment	Detail:
technologies	Detail.
RECOMMENDATION:	Yes
Manage energy use and air distribution	Detail:
through building automation control	Automation controls systems updated
systems	CO2 setpoint lowered
Other Relevant Information:	Mechanical ventilation
District Contact for and Questions:	Bob Beukers
	Manager, Electrical and Mechanical
	604 – 897 – 0499
	bob.beukers@abbyschools.ca



School District:	Abbotsford (SD34)
School Name:	Indigenous Centre
HVAC Description:	Combination mechanical (gym and portable) and natural ventilation
REQUIREMENT:	Yes
Regular inspection and maintenance of	Date of last inspection:
HVAC systems & natural ventilation	• June 2021
	Date of next inspection:
	September 2021
RECOMMENDATION:	Yes
Increase supply of outside air	Detail:
	Open classroom hallway doors & windows to create cross ventilation
RECOMMENDATION:	Yes
Upgrade filtration, including installing	Detail (Including filter grade):
MERV-13 filters, where possible	 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/11s in gym and portable.
RECOMMENDATION:	Yes
Use other air cleaning or treatment	Detail:
technologies	8 HEPA units on site in rooms with natural ventilation
RECOMMENDATION:	No
Manage energy use and air distribution	Detail:
through building automation control	N/A
systems	
Other Relevant Information:	Combination mechanical (gym and portable) and natural ventilation
District Contact for and Questions:	Bob Beukers
	Manager, Electrical and Mechanical
	604 – 897 – 0499
	bob.beukers@abbyschools.ca



School District:	Abbotsford (SD34)
School Name:	I.T.C.
HVAC Description:	Combination of mechanical and natural ventilation
REQUIREMENT:	Yes
Regular inspection and maintenance of	Date of last inspection:
HVAC systems & natural ventilation	August 2021
	Date of next inspection:
	November 2021
RECOMMENDATION:	Yes
Increase supply of outside air	Detail:
	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.
RECOMMENDATION:	Yes
Upgrade filtration, including installing MERV-	Detail (Including filter grade):
13 filters, where possible	 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. MERV11 in fan coil unit, washable filters in window shakers.
RECOMMENDATION:	Yes
Use other air cleaning or treatment	Detail:
technologies	•
RECOMMENDATION:	Yes
Manage energy use and air distribution	Detail:
through building automation control	No building automation at site.
systems	
Other Relevant Information:	Combination of mechanical and natural ventilation
District Contact for and Questions:	Bob Beukers
	Manager, Electrical and Mechanical
	604 – 897 – 0499
	bob.beukers@abbyschools.ca



School District:	Abbotsford (SD34)
School Name:	School Board Office
HVAC Description:	Mechanical ventilation
REQUIREMENT:	Yes
Regular inspection and maintenance of	Date of last inspection:
HVAC systems & natural ventilation	• June 2021
	Date of next inspection:
	September 2021
RECOMMENDATION:	Yes
Increase supply of outside air	Detail:
	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.
RECOMMENDATION:	Yes
Upgrade filtration, including installing	Detail (Including filter grade):
MERV-13 filters, where possible	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.
DECOMMEND ATION	MERV11s throughout site.
RECOMMENDATION:	No Date it
Use other air cleaning or treatment technologies	Detail:
RECOMMENDATION:	N/A Yes
Manage energy use and air distribution	Detail:
through building automation control	
systems	Occupancy sensors bypassedAutomation controls systems updated
Other Relevant Information:	Automation controls systems updated N/A
District Contact for and Questions:	Bob Beukers
District Contact for and Questions.	Manager, Electrical and Mechanical
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	bob.beukers@abbyschools.ca
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