

VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

School District:	37 - Delta
School Name:	Annieville Elementary
REQUIREMENT: Regular inspection and maintenance of HVAC systems	Yes/No: Yes
	Date of last inspection: 2023-09-15
	Date of next inspection: 2023-12-15
	Date and type of most recent maintenance: Visual inspection and filter change.
RECOMMENDATION: Increase supply of outside air	Yes/No: Yes
	Detail: Minimum OA on unit ventilators is set at 30% to meet ASHRAE 62.1 ventilation requirements for classrooms.
RECOMMENDATION: Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: No
	Detail (Including filter grade): MERV 10 filters for classroom units (not MERV 13). We focussed on increased fresh air ventilation instead of increased filtration. We have MERV 13 filters in the units serving the gym.
RECOMMENDATION: Use other air cleaning or treatment technologies	Yes/No: No
	Detail:
RECOMMENDATION: Manage energy use and air distribution through building automation control systems	Yes/No: Yes
	Detail: All units are controlled and monitored with our building automation control system.
Other Relevant Information:	Filters are changed quarterly (4 times per year). If the OA temperature drops below 0 degrees Celsius, then the amount of OA may be reduced in order to maintain comfortable room temp. HVAC system hours of operation extended from 7:30am – 5:30pm.
	Name: Dean White

District Contact for any Questions:	Phone Number: 604-727-0736
	Email: dwhile@deltaschools.ca

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School District:	37 - Delta
School Name:	Beach Grove Elementary
REQUIREMENT: Regular inspection and maintenance of HVAC systems	Yes/No: Yes
	Date of last inspection: 2023-09-15
	Date of next inspection: 2023-12-15
	Date and type of most recent maintenance: Visual inspection and filter change.
RECOMMENDATION: Increase supply of outside air	Yes/No: Yes
	Detail: Minimum OA on heat pumps is set at 25% to meet ASHRAE 62.1 ventilation requirements for classrooms.
RECOMMENDATION: Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: No
	Detail (Including filter grade): MERV 10 filters for classroom units (not MERV 13). We focussed on increased fresh air ventilation instead of increased filtration. We have MERV 13 filters in the units serving the gym.
RECOMMENDATION: Use other air cleaning or treatment technologies	Yes/No: No
	Detail:
RECOMMENDATION: Manage energy use and air distribution through building automation control systems	Yes/No: Yes
	Detail: All units are controlled and monitored with our building automation control system.
Other Relevant Information:	Filters are changed quarterly (4 times per year). If the OA temperature drops below 0 degrees Celsius, then the amount of OA may be reduced in order to maintain comfortable room temp. HVAC system hours of operation extended (7:30am – 5:30pm).
	Name: Dean White

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School District:	37 - Delta
School Name:	Brooke Elementary
REQUIREMENT: Regular inspection and maintenance of HVAC systems	Yes/No: Yes
	Date of last inspection: 2023-09-15
	Date of next inspection: 2023-12-15
	Date and type of most recent maintenance: Visual inspection and filter change.
RECOMMENDATION: Increase supply of outside air	Yes/No: Yes
	Detail: Minimum OA on heat pumps is set at 25% to meet ASHRAE 62.1 ventilation requirements for classrooms.
RECOMMENDATION: Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: No
	Detail (Including filter grade): MERV 10 filters for classroom units (not MERV 13). We focussed on increased fresh air ventilation instead of increased filtration. We have MERV 13 filters in the units serving the gym.
RECOMMENDATION: Use other air cleaning or treatment technologies	Yes/No: No
	Detail:
RECOMMENDATION: Manage energy use and air distribution through building automation control systems	Yes/No: Yes
	Detail: All units are controlled and monitored with our building automation control system.
Other Relevant Information:	Filters are changed quarterly (4 times per year). If the OA temperature drops below 0 degrees Celsius, then the amount of OA may be reduced in order to maintain comfortable room temp. HVAC system hours of operation extended (7:30am – 5:30pm).
	Name: Dean White

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School District:	37 - Delta
School Name:	Burnsview Secondary
REQUIREMENT: Regular inspection and maintenance of HVAC systems	Yes/No: Yes
	Date of last inspection: 2023-09-15
	Date of next inspection: 2023-12-15
	Date and type of most recent maintenance: Visual inspection and filter change.
RECOMMENDATION: Increase supply of outside air	Yes/No: Yes
	Detail: Minimum OA on heat pumps is set at 25% to meet ASHRAE 62.1 ventilation requirements for classrooms.
RECOMMENDATION: Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: No
	Detail (Including filter grade): MERV 10 filters are included in units (not MERV 13). We focussed on increased fresh air ventilation instead of increased filtration.
RECOMMENDATION: Use other air cleaning or treatment technologies	Yes/No: No
	Detail:
RECOMMENDATION: Manage energy use and air distribution through building automation control systems	Yes/No: Yes
	Detail: All units are controlled and monitored with our building automation control system.
Other Relevant Information:	Filters are changed quarterly (4 times per year). If the OA temperature drops below 0 degrees Celsius, then the amount of OA may be reduced in order to maintain comfortable room temp. HVAC system hours of operation extended (6:30am – 5:30pm).
	Name: Dean White

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School District:	37 - Delta
School Name:	Chalmers Elementary
REQUIREMENT: Regular inspection and maintenance of HVAC systems	Yes/No: Yes
	Date of last inspection: 2023-09-15
	Date of next inspection: 2023-12-15
	Date and type of most recent maintenance: Visual inspection and filter change.
RECOMMENDATION: Increase supply of outside air	Yes/No: Yes
	Detail: To meet ASHRAE 62.1 ventilation requirements for classrooms, the minimum OA on heat pumps is set at 25% and the minimum OA on unit ventilators is set at 30%.
RECOMMENDATION: Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: No
	Detail (Including filter grade): MERV 10 filters for classroom units (not MERV 13). We focussed on increased fresh air ventilation instead of increased filtration. We have MERV 13 filters in the units serving the gym.
RECOMMENDATION: Use other air cleaning or treatment technologies	Yes/No: No
	Detail:
RECOMMENDATION: Manage energy use and air distribution through building automation control systems	Yes/No: Yes
	Detail: All units are controlled and monitored with our building automation control system.
Other Relevant Information:	Filters are changed quarterly (4 times per year). If the OA temperature drops below 0 degrees Celsius, then the amount of OA may be reduced in order to maintain comfortable room temp. HVAC system hours of operation extended (7:30am – 5:30pm).

District Contact for any Questions:	Name: Dean While
	Phone Number: 604-727-0736
	Email: dwhile@deltaschools.ca

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School District:	37 - Delta
School Name:	Cliff Drive Elementary
REQUIREMENT: Regular inspection and maintenance of HVAC systems	Yes/No: Yes
	Date of last inspection: 2023-09-15
	Date of next inspection: 2023-12-15
	Date and type of most recent maintenance: Visual inspection and filter change.
RECOMMENDATION: Increase supply of outside air	Yes/No: Yes
	Detail: Minimum OA on heat pumps is set at 25% to meet ASHRAE 62.1 ventilation requirements for classrooms.
RECOMMENDATION: Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: No
	Detail (Including filter grade): MERV 10 filters for classroom units (not MERV 13). We focussed on increased fresh air ventilation instead of increased filtration. We have MERV 13 filters in the units serving the gym.
RECOMMENDATION: Use other air cleaning or treatment technologies	Yes/No: No
	Detail:
RECOMMENDATION: Manage energy use and air distribution through building automation control systems	Yes/No: Yes
	Detail: All units are controlled and monitored with our building automation control system.
Other Relevant Information:	Filters are changed quarterly (4 times per year). If the OA temperature drops below 0 degrees Celsius, then the amount of OA may be reduced in order to maintain comfortable room temp. HVAC system hours of operation extended (7:30am – 5:30pm).
	Name: Dean White

District Contact for any Questions:	Phone Number: 604-727-0736
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School District:	37 - Delta
School Name:	Cougar Canyon Elementary
REQUIREMENT: Regular inspection and maintenance of HVAC systems	Yes/No: Yes
	Date of last inspection: 2023-09-15
	Date of next inspection: 2023-12-15
	Date and type of most recent maintenance: Visual inspection and filter change.
RECOMMENDATION: Increase supply of outside air	Yes/No: Yes
	Detail: Minimum OA on heat pumps is set at 25% to meet ASHRAE 62.1 ventilation requirements for classrooms.
RECOMMENDATION: Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: No
	Detail (Including filter grade): MERV 10 filters for classroom units (not MERV 13). We focussed on increased fresh air ventilation instead of increased filtration. We have MERV 13 filters in the units serving the gym.
RECOMMENDATION: Use other air cleaning or treatment technologies	Yes/No: No
	Detail:
RECOMMENDATION: Manage energy use and air distribution through building automation control systems	Yes/No: Yes
	Detail: All units are controlled and monitored with our building automation control system.
Other Relevant Information:	Filters are changed quarterly (4 times per year). If the OA temperature drops below 0 degrees Celsius, then the amount of OA may be reduced in order to maintain comfortable room temp. HVAC system hours of operation extended (7:30am – 5:30pm).
	Name: Dean White

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School District:	37 - Delta
School Name:	Delta Community College
REQUIREMENT: Regular inspection and maintenance of HVAC systems	Yes/No: Yes
	Date of last inspection: 2023-09-15
	Date of next inspection: 2023-12-15
	Date and type of most recent maintenance: Visual inspection and filter change.
RECOMMENDATION: Increase supply of outside air	Yes/No: Yes
	Detail: Minimum OA on heat pumps is set at 25% to meet ASHRAE 62.1 ventilation requirements for classrooms.
RECOMMENDATION: Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: No
	Detail (Including filter grade): MERV 10 filters are included in units (not MERV 13). We focussed on increased fresh air ventilation instead of increased filtration.
RECOMMENDATION: Use other air cleaning or treatment technologies	Yes/No: No
	Detail:
RECOMMENDATION: Manage energy use and air distribution through building automation control systems	Yes/No: Yes
	Detail: All units are controlled and monitored with our building automation control system.
Other Relevant Information:	Filters are changed quarterly (4 times per year). If the OA temperature drops below 0 degrees Celsius, then the amount of OA may be reduced in order to maintain comfortable room temp.
District Contact for any Questions:	Name: Dean While
	Phone Number: 604-727-0736

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School District:	37 - Delta
School Name:	Delta Manor
REQUIREMENT: Regular inspection and maintenance of HVAC systems	Yes/No: Yes
	Date of last inspection: 2023-09-15
	Date of next inspection: 2023-12-15
	Date and type of most recent maintenance: Visual inspection and filter change.
RECOMMENDATION: Increase supply of outside air	Yes/No: Yes
	Detail: Air handling units bring in a minimum 15% fresh air.
RECOMMENDATION: Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes
	Detail (Including filter grade): Air handling units serving the gym, main front office, and leased daycare classrooms include MERV 13 filters. All other classroom and office spaces use MERV 10 filters. We focussed on increased fresh air ventilation instead of increased filtration.
RECOMMENDATION: Use other air cleaning or treatment technologies	Yes/No: No
	Detail:
RECOMMENDATION: Manage energy use and air distribution through building automation control systems	Yes/No: Yes
	Detail: All units are controlled and monitored with our building automation control system.
Other Relevant Information:	Filters are changed quarterly (4 times per year). If the OA temperature drops below 0 degrees Celsius, then the amount of OA may be reduced in order to maintain comfortable room temp.
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School District:	37 - Delta
School Name:	Delta Secondary
REQUIREMENT: Regular inspection and maintenance of HVAC systems	Yes/No: Yes
	Date of last inspection: 2023-09-15
	Date of next inspection: 2023-12-15
	Date and type of most recent maintenance: Visual inspection and filter change.
RECOMMENDATION: Increase supply of outside air	Yes/No: Yes
	Detail: Air handling units bring in a minimum 30% fresh air.
RECOMMENDATION: Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes
	Detail (Including filter grade): Upgrade to MERV 13 filters in all air handling units.
RECOMMENDATION: Use other air cleaning or treatment technologies	Yes/No: No
	Detail:
RECOMMENDATION: Manage energy use and air distribution through building automation control systems	Yes/No: Yes
	Detail: All units are controlled and monitored with our building automation control system.
Other Relevant Information:	Filters are changed quarterly (4 times per year). If the OA temperature drops below 0 degrees Celsius, then the amount of OA may be reduced in order to maintain comfortable room temp. HVAC system hours of operation extended (6:30am – 5:30pm).
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School District:	37 - Delta
School Name:	Delview Secondary
REQUIREMENT: Regular inspection and maintenance of HVAC systems	Yes/No: Yes
	Date of last inspection: 2023-09-15
	Date of next inspection: 2023-12-15
	Date and type of most recent maintenance: Visual inspection and filter change.
RECOMMENDATION: Increase supply of outside air	Yes/No: Yes
	Detail: Air handling units bring in a minimum 30% fresh air.
RECOMMENDATION: Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes
	Detail (Including filter grade): Upgrade to MERV 13 filters in all air handling units.
RECOMMENDATION: Use other air cleaning or treatment technologies	Yes/No: No
	Detail:
RECOMMENDATION: Manage energy use and air distribution through building automation control systems	Yes/No: Yes
	Detail: All units are controlled and monitored with our building automation control system.
Other Relevant Information:	Filters are changed quarterly (4 times per year). If the OA temperature drops below 0 degrees Celsius, then the amount of OA may be reduced in order to maintain comfortable room temp. HVAC system hours of operation extended (6:30am – 5:30pm).
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School District:	37 - Delta
School Name:	Devon Gardens Elementary
REQUIREMENT: Regular inspection and maintenance of HVAC systems	Yes/No: Yes
	Date of last inspection: 2023-09-15
	Date of next inspection: 2023-12-15
	Date and type of most recent maintenance: Visual inspection and filter change.
RECOMMENDATION: Increase supply of outside air	Yes/No: Yes
	Detail: Air handling units bring in a minimum 30% fresh air.
RECOMMENDATION: Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes
	Detail (Including filter grade): Upgrade to MERV 13 filters in all air handling units.
RECOMMENDATION: Use other air cleaning or treatment technologies	Yes/No: No
	Detail:
RECOMMENDATION: Manage energy use and air distribution through building automation control systems	Yes/No: Yes
	Detail: All units are controlled and monitored with our building automation control system.
Other Relevant Information:	Filters are changed quarterly (4 times per year). If the OA temperature drops below 0 degrees Celsius, then the amount of OA may be reduced in order to maintain comfortable room temp. HVAC system hours of operation extended (7:30am – 5:30pm).
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School District:	37 - Delta
School Name:	English Bluff Elementary
REQUIREMENT: Regular inspection and maintenance of HVAC systems	Yes/No: Yes
	Date of last inspection: 2023-09-15
	Date of next inspection: 2023-12-15
	Date and type of most recent maintenance: Visual inspection and filter change.
RECOMMENDATION: Increase supply of outside air	Yes/No: Yes
	Detail: Minimum OA on unit ventilators is set at 30% to meet ASHRAE 62.1 ventilation requirements for classrooms.
RECOMMENDATION: Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: No
	Detail (Including filter grade): MERV 10 filters for classroom units (not MERV 13). We focussed on increased fresh air ventilation instead of increased filtration. We have MERV 13 filters in the units serving the gym.
RECOMMENDATION: Use other air cleaning or treatment technologies	Yes/No: No
	Detail:
RECOMMENDATION: Manage energy use and air distribution through building automation control systems	Yes/No: Yes
	Detail: All units are controlled and monitored with our building automation control system.
Other Relevant Information:	Filters are changed quarterly (4 times per year). If the OA temperature drops below 0 degrees Celsius, then the amount of OA may be reduced in order to maintain comfortable room temp. HVAC system hours of operation extended (7:30am – 5:30pm).
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School District:	37 - Delta
School Name:	Gibson Elementary
REQUIREMENT: Regular inspection and maintenance of HVAC systems	Yes/No: Yes
	Date of last inspection: 2023-09-15
	Date of next inspection: 2023-12-15
	Date and type of most recent maintenance: Visual inspection and filter change.
RECOMMENDATION: Increase supply of outside air	Yes/No: Yes
	Detail: Minimum OA on heat pumps is set at 25% to meet ASHRAE 62.1 ventilation requirements for classrooms.
RECOMMENDATION: Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: No
	Detail (Including filter grade): MERV 10 filters for classroom units (not MERV 13). We focussed on increased fresh air ventilation instead of increased filtration. We have MERV 13 filters in the units serving the gym.
RECOMMENDATION: Use other air cleaning or treatment technologies	Yes/No: No
	Detail:
RECOMMENDATION: Manage energy use and air distribution through building automation control systems	Yes/No: Yes
	Detail: All units are controlled and monitored with our building automation control system.
Other Relevant Information:	Filters are changed quarterly (4 times per year). If the OA temperature drops below 0 degrees Celsius, then the amount of OA may be reduced in order to maintain comfortable room temp. HVAC system hours of operation extended (7:30am – 5:30pm).
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School District:	37 - Delta
School Name:	Gray Elementary
REQUIREMENT: Regular inspection and maintenance of HVAC systems	Yes/No: Yes
	Date of last inspection: 2023-09-15
	Date of next inspection: 2023-12-15
	Date and type of most recent maintenance: Visual inspection and filter change.
RECOMMENDATION: Increase supply of outside air	Yes/No: Yes
	Detail: Minimum OA on heat pumps is set at 25% to meet ASHRAE 62.1 ventilation requirements for classrooms.
RECOMMENDATION: Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: No
	Detail (Including filter grade): MERV 10 filters for classroom units (not MERV 13). We focussed on increased fresh air ventilation instead of increased filtration. We have MERV 13 filters in the units serving the gym.
RECOMMENDATION: Use other air cleaning or treatment technologies	Yes/No: No
	Detail:
RECOMMENDATION: Manage energy use and air distribution through building automation control systems	Yes/No: Yes
	Detail: All units are controlled and monitored with our building automation control system.
Other Relevant Information:	Filters are changed quarterly (4 times per year). If the OA temperature drops below 0 degrees Celsius, then the amount of OA may be reduced in order to maintain comfortable room temp. HVAC system hours of operation extended (7:30am – 5:30pm).
	Name: Dean White

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School District:	37 - Delta
School Name:	Hawthorne Elementary
REQUIREMENT: Regular inspection and maintenance of HVAC systems	Yes/No: Yes
	Date of last inspection: 2023-09-15
	Date of next inspection: 2023-12-15
	Date and type of most recent maintenance: Visual inspection and filter change.
RECOMMENDATION: Increase supply of outside air	Yes/No: Yes
	Detail: Minimum OA on heat pumps is set at 25% to meet ASHRAE 62.1 ventilation requirements for classrooms.
RECOMMENDATION: Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: No
	Detail (Including filter grade): MERV 10 filters for classroom units (not MERV 13). We focussed on increased fresh air ventilation instead of increased filtration. We have MERV 13 filters in the units serving the gym.
RECOMMENDATION: Use other air cleaning or treatment technologies	Yes/No: No
	Detail:
RECOMMENDATION: Manage energy use and air distribution through building automation control systems	Yes/No: Yes
	Detail: All units are controlled and monitored with our building automation control system.
Other Relevant Information:	Filters are changed quarterly (4 times per year). If the OA temperature drops below 0 degrees Celsius, then the amount of OA may be reduced in order to maintain comfortable room temp. HVAC system hours of operation extended (7:30am – 5:30pm).
	Name: Dean White

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School District:	37 - Delta
School Name:	Heath Elementary
REQUIREMENT: Regular inspection and maintenance of HVAC systems	Yes/No: Yes
	Date of last inspection: 2023-09-15
	Date of next inspection: 2023-12-15
	Date and type of most recent maintenance: Visual inspection and filter change.
RECOMMENDATION: Increase supply of outside air	Yes/No: Yes
	Detail: Minimum OA on unit ventilators is set at 30% to meet ASHRAE 62.1 ventilation requirements for classrooms.
RECOMMENDATION: Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: No
	Detail (Including filter grade): MERV 10 filters for classroom units (not MERV 13). We focussed on increased fresh air ventilation instead of increased filtration. We have MERV 13 filters in the units serving the gym.
RECOMMENDATION: Use other air cleaning or treatment technologies	Yes/No: No
	Detail:
RECOMMENDATION: Manage energy use and air distribution through building automation control systems	Yes/No: Yes
	Detail: All units are controlled and monitored with our building automation control system.
Other Relevant Information:	Filters are changed quarterly (4 times per year). If the OA temperature drops below 0 degrees Celsius, then the amount of OA may be reduced in order to maintain comfortable room temp. HVAC system hours of operation extended (7:30am – 5:30pm).
	Name: Dean White

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School District:	37 - Delta
School Name:	Hellings Elementary
REQUIREMENT: Regular inspection and maintenance of HVAC systems	Yes/No: Yes
	Date of last inspection: 2023-09-15
	Date of next inspection: 2023-12-15
	Date and type of most recent maintenance: Visual inspection and filter change.
RECOMMENDATION: Increase supply of outside air	Yes/No: Yes
	Detail: Minimum OA on heat pumps is set at 25% to meet ASHRAE 62.1 ventilation requirements for classrooms.
RECOMMENDATION: Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: No
	Detail (Including filter grade): MERV 10 filters for classroom units (not MERV 13). We focussed on increased fresh air ventilation instead of increased filtration. We have MERV 13 filters in the units serving the gym.
RECOMMENDATION: Use other air cleaning or treatment technologies	Yes/No: No
	Detail:
RECOMMENDATION: Manage energy use and air distribution through building automation control systems	Yes/No: Yes
	Detail: All units are controlled and monitored with our building automation control system.
Other Relevant Information:	Filters are changed quarterly (4 times per year). If the OA temperature drops below 0 degrees Celsius, then the amount of OA may be reduced in order to maintain comfortable room temp. HVAC system hours of operation extended (7:30am – 5:30pm).
	Name: Dean White

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School District:	37 - Delta
School Name:	Holly Elementary
REQUIREMENT: Regular inspection and maintenance of HVAC systems	Yes/No: Yes
	Date of last inspection: 2023-09-15
	Date of next inspection: 2023-12-15
	Date and type of most recent maintenance: Visual inspection and filter change.
RECOMMENDATION: Increase supply of outside air	Yes/No: Yes
	Detail: Minimum OA on unit ventilators is set at 30% to meet ASHRAE 62.1 ventilation requirements for classrooms.
RECOMMENDATION: Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: No
	Detail (Including filter grade): MERV 10 filters for classroom units (not MERV 13). We focussed on increased fresh air ventilation instead of increased filtration. We have MERV 13 filters in the units serving the gym.
RECOMMENDATION: Use other air cleaning or treatment technologies	Yes/No: No
	Detail:
RECOMMENDATION: Manage energy use and air distribution through building automation control systems	Yes/No: Yes
	Detail: All units are controlled and monitored with our building automation control system.
Other Relevant Information:	Filters are changed quarterly (4 times per year). If the OA temperature drops below 0 degrees Celsius, then the amount of OA may be reduced in order to maintain comfortable room temp. HVAC system hours of operation extended (7:30am – 5:30pm).
	Name: Dean White

District Contact for any Questions:	Phone Number: 604-727-0736
	Email: dwhile@deltaschools.ca

VENTILATION SYSTEM OVERVIEW

This template has been developed to support school districts in sharing information on ventilation systems at the school level. This includes information on how systems meet requirements for regular inspection and maintenance, and additional mitigations that have been put in place to promote student and staff safety throughout the pandemic.

School District:	37 - Delta
School Name:	Jarvis Elementary
REQUIREMENT: Regular inspection and maintenance of HVAC systems	Yes/No: Yes
	Date of last inspection: 2023-09-15
	Date of next inspection: 2023-12-15
	Date and type of most recent maintenance: Visual inspection and filter change.
RECOMMENDATION: Increase supply of outside air	Yes/No: Yes
	Detail: Minimum OA on heat pumps is set at 25% to meet ASHRAE 62.1 ventilation requirements for classrooms.
RECOMMENDATION: Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: No
	Detail (Including filter grade): MERV 10 filters for classroom units (not MERV 13). We focussed on increased fresh air ventilation instead of increased filtration. We have MERV 13 filters in the units serving the gym.
RECOMMENDATION: Use other air cleaning or treatment technologies	Yes/No: No
	Detail:
RECOMMENDATION: Manage energy use and air distribution through building automation control systems	Yes/No: Yes
	Detail: All units are controlled and monitored with our building automation control system.
Other Relevant Information:	Filters are changed quarterly (4 times per year). If the OA temperature drops below 0 degrees Celsius, then the amount of OA may be reduced in order to maintain comfortable room temp. HVAC system hours of operation extended (7:30am – 5:30pm).
	Name: Dean White

District Contact for any Questions:	Phone Number: 604-727-0736
	Email: dwhile@deltaschools.ca

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School District:	37 - Delta
School Name:	Ladner Elementary
REQUIREMENT: Regular inspection and maintenance of HVAC systems	Yes/No: Yes
	Date of last inspection: 2023-09-15
	Date of next inspection: 2023-12-15
	Date and type of most recent maintenance: Visual inspection and filter change.
RECOMMENDATION: Increase supply of outside air	Yes/No: Yes
	Detail: To meet ASHRAE 62.1 ventilation requirements for classrooms, the minimum OA on heat pumps is set at 25% and the minimum OA on unit ventilators is set at 30%.
RECOMMENDATION: Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: No
	Detail (Including filter grade): MERV 10 filters for classroom units (not MERV 13). We focussed on increased fresh air ventilation instead of increased filtration. We have MERV 13 filters in the units serving the gym.
RECOMMENDATION: Use other air cleaning or treatment technologies	Yes/No: No
	Detail:
RECOMMENDATION: Manage energy use and air distribution through building automation control systems	Yes/No: Yes
	Detail: All units are controlled and monitored with our building automation control system.
Other Relevant Information:	Filters are changed quarterly (4 times per year). If the OA temperature drops below 0 degrees Celsius, then the amount of OA may be reduced in order to maintain comfortable room temp. HVAC system hours of operation extended (7:30am – 5:30pm).

District Contact for any Questions:	Name: Dean While
	Phone Number: 604-727-0736
	Email: dwhile@deltaschools.ca

VENTILATION SYSTEM OVERVIEW

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School District:	37 - Delta
School Name:	McCloskey Elementary
REQUIREMENT: Regular inspection and maintenance of HVAC systems	Yes/No: Yes
	Date of last inspection: 2023-09-15
	Date of next inspection: 2023-12-15
	Date and type of most recent maintenance: Visual inspection and filter change.
RECOMMENDATION: Increase supply of outside air	Yes/No: Yes
	Detail: Minimum OA on heat pumps is set at 25% to meet ASHRAE 62.1 ventilation requirements for classrooms.
RECOMMENDATION: Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: No
	Detail (Including filter grade): MERV 10 filters for classroom units (not MERV 13). We focussed on increased fresh air ventilation instead of increased filtration. We have MERV 13 filters in the units serving the gym.
RECOMMENDATION: Use other air cleaning or treatment technologies	Yes/No: No
	Detail:
RECOMMENDATION: Manage energy use and air distribution through building automation control systems	Yes/No: Yes
	Detail: All units are controlled and monitored with our building automation control system.
Other Relevant Information:	Filters are changed quarterly (4 times per year). If the OA temperature drops below 0 degrees Celsius, then the amount of OA may be reduced in order to maintain comfortable room temp. HVAC system hours of operation extended (7:30am – 5:30pm).
	Name: Dean White

District Contact for any Questions:	Phone Number: 604-727-0736
	Email: dwhile@deltaschools.ca

VENTILATION SYSTEM OVERVIEW

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School District:	37 - Delta
School Name:	Neilson Grove Elementary
REQUIREMENT: Regular inspection and maintenance of HVAC systems	Yes/No: Yes
	Date of last inspection: 2023-09-15
	Date of next inspection: 2023-12-15
	Date and type of most recent maintenance: Visual inspection and filter change.
RECOMMENDATION: Increase supply of outside air	Yes/No: Yes
	Detail: Air handling units bring in a minimum of 30% fresh air.
RECOMMENDATION: Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes
	Detail (Including filter grade): Upgrade to MERV-13 filters in all air handling units.
RECOMMENDATION: Use other air cleaning or treatment technologies	Yes/No: No
	Detail:
RECOMMENDATION: Manage energy use and air distribution through building automation control systems	Yes/No: Yes
	Detail: All units are controlled and monitored with our building automation control system.
Other Relevant Information:	Filters are changed quarterly (4 times per year). If the OA temperature drops below 0 degrees Celsius, then the amount of OA may be reduced in order to maintain comfortable room temp. HVAC system hours of operation extended (7:30am – 5:30pm).
District Contact for any Questions:	Name: Dean While
	Phone Number: 604-727-0736

VENTILATION SYSTEM OVERVIEW

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School District:	37 - Delta
School Name:	North Delta Secondary
REQUIREMENT: Regular inspection and maintenance of HVAC systems	Yes/No: Yes
	Date of last inspection: 2023-09-15
	Date of next inspection: 2023-12-15
	Date and type of most recent maintenance: Visual inspection and filter change.
RECOMMENDATION: Increase supply of outside air	Yes/No: Yes
	Detail: Air handling units bring in fresh air. Unit ventilators bring in a min 30% OA to meet ASHRAE 62.1 classroom ventilation requirements.
RECOMMENDATION: Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes
	Detail (Including filter grade): Install MERV 13 filters in all air handling units. Unit ventilators have MERV 10 filters (not MERV 13) as we chose to increase fresh air rather than increase filtration.
RECOMMENDATION: Use other air cleaning or treatment technologies	Yes/No: No
	Detail:
RECOMMENDATION: Manage energy use and air distribution through building automation control systems	Yes/No: Yes
	Detail: All units are controlled and monitored with our building automation control system.
Other Relevant Information:	Filters are changed quarterly (4 times per year). If the OA temperature drops below 0 degrees Celsius, then the amount of OA may be reduced in order to maintain comfortable room temp. HVAC system hours of operation extended (6:30am – 5:30pm).
	Name: Dean White

District Contact for any Questions:	Phone Number: 604-727-0736
	Email: dwhile@deltaschools.ca

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School District:	37 - Delta
School Name:	Pebble Hill Elementary
REQUIREMENT: Regular inspection and maintenance of HVAC systems	Yes/No: Yes
	Date of last inspection: 2023-09-15
	Date of next inspection: 2023-12-15
	Date and type of most recent maintenance: Visual inspection and filter change.
RECOMMENDATION: Increase supply of outside air	Yes/No: Yes
	Detail: Minimum OA on heat pumps is set at 25% to meet ASHRAE 62.1 ventilation requirements for classrooms.
RECOMMENDATION: Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: No
	Detail (Including filter grade): MERV 10 filters for classroom units (not MERV 13). We focussed on increased fresh air ventilation instead of increased filtration. We have MERV 13 filters in the units serving the gym.
RECOMMENDATION: Use other air cleaning or treatment technologies	Yes/No: No
	Detail:
RECOMMENDATION: Manage energy use and air distribution through building automation control systems	Yes/No: Yes
	Detail: All units are controlled and monitored with our building automation control system.
Other Relevant Information:	Filters are changed quarterly (4 times per year). If the OA temperature drops below 0 degrees Celsius, then the amount of OA may be reduced in order to maintain comfortable room temp. HVAC system hours of operation extended (7:30am – 5:30pm).
	Name: Dean White

District Contact for any Questions:	Phone Number: 604-727-0736
	Email: dwhile@deltaschools.ca

VENTILATION SYSTEM OVERVIEW

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School District:	37 - Delta
School Name:	Pinewood Elementary
REQUIREMENT: Regular inspection and maintenance of HVAC systems	Yes/No: Yes
	Date of last inspection: 2023-09-15
	Date of next inspection: 2023-12-15
	Date and type of most recent maintenance: Visual inspection and filter change.
RECOMMENDATION: Increase supply of outside air	Yes/No: Yes
	Detail: Minimum OA on unit ventilators is set at 30% to meet ASHRAE 62.1 ventilation requirements for classrooms.
RECOMMENDATION: Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: No
	Detail (Including filter grade): MERV 10 filters for classroom units (not MERV 13). We focussed on increased fresh air ventilation instead of increased filtration. We have MERV 13 filters in the units serving the gym.
RECOMMENDATION: Use other air cleaning or treatment technologies	Yes/No: No
	Detail:
RECOMMENDATION: Manage energy use and air distribution through building automation control systems	Yes/No: Yes
	Detail: All units are controlled and monitored with our building automation control system.
Other Relevant Information:	Filters are changed quarterly (4 times per year). If the OA temperature drops below 0 degrees Celsius, then the amount of OA may be reduced in order to maintain comfortable room temp. HVAC system hours of operation extended (7:30am – 5:30pm).
	Name: Dean White

District Contact for any Questions:	Phone Number: 604-727-0736
	Email: dwhile@deltaschools.ca

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School District:	37 - Delta
School Name:	Port Guichon Elementary
REQUIREMENT: Regular inspection and maintenance of HVAC systems	Yes/No: Yes
	Date of last inspection: 2023-09-15
	Date of next inspection: 2023-12-15
	Date and type of most recent maintenance: Visual inspection and filter change.
RECOMMENDATION: Increase supply of outside air	Yes/No: Yes
	Detail: Minimum OA on heat pumps is set at 25% to meet ASHRAE 62.1 ventilation requirements for classrooms.
RECOMMENDATION: Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: No
	Detail (Including filter grade): MERV 10 filters for classroom units (not MERV 13). We focussed on increased fresh air ventilation instead of increased filtration. We have MERV 13 filters in the units serving the gym.
RECOMMENDATION: Use other air cleaning or treatment technologies	Yes/No: No
	Detail:
RECOMMENDATION: Manage energy use and air distribution through building automation control systems	Yes/No: Yes
	Detail: All units are controlled and monitored with our building automation control system.
Other Relevant Information:	Filters are changed quarterly (4 times per year). If the OA temperature drops below 0 degrees Celsius, then the amount of OA may be reduced in order to maintain comfortable room temp. HVAC system hours of operation extended (7:30am – 5:30pm).
	Name: Dean White

District Contact for any Questions:	Phone Number: 604-727-0736
	Email: dwhile@deltaschools.ca

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School District:	37 - Delta
School Name:	Richardson Elementary
REQUIREMENT: Regular inspection and maintenance of HVAC systems	Yes/No: Yes
	Date of last inspection: 2023-09-15
	Date of next inspection: 2023-12-15
	Date and type of most recent maintenance: Visual inspection and filter change.
RECOMMENDATION: Increase supply of outside air	Yes/No: Yes
	Detail: Air handling units bring in a minimum 30% fresh air.
RECOMMENDATION: Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes
	Detail (Including filter grade): Upgrade to MERV 13 filters in all air handling units.
RECOMMENDATION: Use other air cleaning or treatment technologies	Yes/No: No
	Detail:
RECOMMENDATION: Manage energy use and air distribution through building automation control systems	Yes/No: Yes
	Detail: All units are controlled and monitored with our building automation control system.
Other Relevant Information:	Filters are changed quarterly (4 times per year). If the OA temperature drops below 0 degrees Celsius, then the amount of OA may be reduced in order to maintain comfortable room temp. HVAC system hours of operation extended (7:30am – 5:30pm).
District Contact for any Questions:	Name: Dean While
	Phone Number: 604-727-0736

VENTILATION SYSTEM OVERVIEW

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School District:	37 - Delta
School Name:	Sands Secondary
REQUIREMENT: Regular inspection and maintenance of HVAC systems	Yes/No: Yes
	Date of last inspection: 2023-09-15
	Date of next inspection: 2023-12-15
	Date and type of most recent maintenance: Visual inspection and filter change.
RECOMMENDATION: Increase supply of outside air	Yes/No: Yes
	Detail: Increase fresh air supplied by air handling units.
RECOMMENDATION: Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes
	Detail (Including filter grade): Upgrade to MERV 13 filters in all air handling units.
RECOMMENDATION: Use other air cleaning or treatment technologies	Yes/No: No
	Detail:
RECOMMENDATION: Manage energy use and air distribution through building automation control systems	Yes/No: Yes
	Detail: All units are controlled and monitored with our building automation control system.
Other Relevant Information:	Filters are changed quarterly (4 times per year). If the OA temperature drops below 0 degrees Celsius, then the amount of OA may be reduced in order to maintain comfortable room temp. HVAC system hours of operation extended (6:30am – 5:30pm).
District Contact for any Questions:	Name: Dean White
	Phone Number: 604-727-0736

VENTILATION SYSTEM OVERVIEW

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School District:	37 - Delta
School Name:	School Board Office
REQUIREMENT: Regular inspection and maintenance of HVAC systems	Yes/No: Yes
	Date of last inspection: 2023-09-15
	Date of next inspection: 2023-12-15
	Date and type of most recent maintenance: Visual inspection and filter change.
RECOMMENDATION: Increase supply of outside air	Yes/No: Yes
	Detail: Air handling units bring in a minimum 15% fresh air.
RECOMMENDATION: Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes
	Detail (Including filter grade): Upgrade to MERV 13 filters in all air handling units.
RECOMMENDATION: Use other air cleaning or treatment technologies	Yes/No: No
	Detail:
RECOMMENDATION: Manage energy use and air distribution through building automation control systems	Yes/No: Yes
	Detail: All units are controlled and monitored with our building automation control system.
Other Relevant Information:	Filters are changed quarterly (4 times per year). If the OA temperature drops below 0 degrees Celsius, then the amount of OA may be reduced in order to maintain comfortable room temp.
District Contact for any Questions:	Name: Dean While
	Phone Number: 604-727-0736
	Email: dwhile@deltaschools.ca

VENTILATION SYSTEM OVERVIEW

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School District:	37 - Delta
School Name:	Seaquam Secondary
REQUIREMENT: Regular inspection and maintenance of HVAC systems	Yes/No: Yes
	Date of last inspection: 2023-09-15
	Date of next inspection: 2023-12-15
	Date and type of most recent maintenance: Visual inspection and filter change.
RECOMMENDATION: Increase supply of outside air	Yes/No: Yes
	Detail: Maximize fresh air intake for heat pumps while still maintaining temperature setpoint.
RECOMMENDATION: Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: No
	Detail (Including filter grade): MERV 10 filters are included in units (not MERV 13). We focussed on increased fresh air ventilation instead of increased filtration.
RECOMMENDATION: Use other air cleaning or treatment technologies	Yes/No: No
	Detail:
RECOMMENDATION: Manage energy use and air distribution through building automation control systems	Yes/No: Yes
	Detail: All units are controlled and monitored with our building automation control system.
Other Relevant Information:	Filters are changed quarterly (4 times per year). If the OA temperature drops below 0 degrees Celsius, then the amount of OA may be reduced in order to maintain comfortable room temp. HVAC system hours of operation extended (6:30am – 5:30pm).
	Name: Dean White

District Contact for any Questions:	Phone Number: 604-727-0736
	Email: dwhile@deltaschools.ca

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School District:	37 - Delta
School Name:	South Delta Secondary
REQUIREMENT: Regular inspection and maintenance of HVAC systems	Yes/No: Yes
	Date of last inspection: 2023-09-15
	Date of next inspection: 2023-12-15
	Date and type of most recent maintenance: Visual inspection and filter change.
RECOMMENDATION: Increase supply of outside air	Yes/No: Yes
	Detail: Min OA on heat pumps is set at 25% to meet ASHRAE 62.1 ventilation requirements for classrooms. Air handling units bring in fresh air.
RECOMMENDATION: Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes
	Detail (Including filter grade): MERV 10 filters are included in heat pumps (not MERV 13). We focussed on increased fresh air ventilation instead of increased filtration. Air handling units were upgraded to include MERV 13 filters.
RECOMMENDATION: Use other air cleaning or treatment technologies	Yes/No: No
	Detail:
RECOMMENDATION: Manage energy use and air distribution through building automation control systems	Yes/No: Yes
	Detail: All units are controlled and monitored with our building automation control system.
Other Relevant Information:	Filters are changed quarterly (4 times per year). If the OA temperature drops below 0 degrees Celsius, then the amount of OA may be reduced in order to maintain comfortable room temp. HVAC system hours of operation extended (6:30am – 5:30pm).
	Name: Dean White

District Contact for any Questions:	Phone Number: 604-727-0736
	Email: dwhile@deltaschools.ca

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School District:	37 - Delta
School Name:	South Park Elementary
REQUIREMENT: Regular inspection and maintenance of HVAC systems	Yes/No: Yes
	Date of last inspection: 2023-09-15
	Date of next inspection: 2023-12-15
	Date and type of most recent maintenance: Visual inspection and filter change.
RECOMMENDATION: Increase supply of outside air	Yes/No: Yes
	Detail: Maximize fresh air intake for air handling units while still maintaining temperature setpoint.
RECOMMENDATION: Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: Yes
	Detail (Including filter grade): Upgrade to MERV 13 filters in air handling units.
RECOMMENDATION: Use other air cleaning or treatment technologies	Yes/No: No
	Detail:
RECOMMENDATION: Manage energy use and air distribution through building automation control systems	Yes/No: Yes
	Detail: All units are controlled and monitored with our building automation control system.
Other Relevant Information:	Filters are changed quarterly (4 times per year). If the OA temperature drops below 0 degrees Celsius, then the amount of OA may be reduced in order to maintain comfortable room temp. HVAC system hours of operation extended (7:30am – 5:30pm).
District Contact for any Questions:	Name: Dean White
	Phone Number: 604-727-0736

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School District:	37 - Delta
School Name:	Sunshine Hills Elementary
REQUIREMENT: Regular inspection and maintenance of HVAC systems	Yes/No: Yes
	Date of last inspection: 2023-09-15
	Date of next inspection: 2023-12-15
	Date and type of most recent maintenance: Visual inspection and filter change.
RECOMMENDATION: Increase supply of outside air	Yes/No: Yes
	Detail: Minimum OA on unit ventilators is set at 30% to meet ASHRAE 62.1 ventilation requirements for classrooms.
RECOMMENDATION: Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: No
	Detail (Including filter grade): MERV 10 filters for classroom units (not MERV 13). We focussed on increased fresh air ventilation instead of increased filtration. We have MERV 13 filters in the units serving the gym.
RECOMMENDATION: Use other air cleaning or treatment technologies	Yes/No: No
	Detail:
RECOMMENDATION: Manage energy use and air distribution through building automation control systems	Yes/No: Yes
	Detail: All units are controlled and monitored with our building automation control system.
Other Relevant Information:	Filters are changed quarterly (4 times per year). If the OA temperature drops below 0 degrees Celsius, then the amount of OA may be reduced in order to maintain comfortable room temp. HVAC system hours of operation extended (7:30am – 5:30pm).
	Name: Dean White

District Contact for any Questions:	Phone Number: 604-727-0736
	Email: dwhile@deltaschools.ca

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School District:	37 - Delta
School Name:	Tilbury Maintenance Facility
REQUIREMENT: Regular inspection and maintenance of HVAC systems	Yes/No: Yes
	Date of last inspection: 2023-09-15
	Date of next inspection: 2023-12-15
	Date and type of most recent maintenance: Visual inspection and filter change.
RECOMMENDATION: Increase supply of outside air	Yes/No: Yes
	Detail: Heat pumps bring in a minimum 20% fresh air.
RECOMMENDATION: Upgrade filtration, including installing MERV-13 filters, where possible	Yes/No: No
	Detail (Including filter grade): MERV 10 filters are included in units (not MERV 13). We focussed on increased fresh air ventilation instead of increased filtration.
RECOMMENDATION: Use other air cleaning or treatment technologies	Yes/No: No
	Detail:
RECOMMENDATION: Manage energy use and air distribution through building automation control systems	Yes/No: Yes
	Detail: All units are controlled and monitored with our building automation control system.
Other Relevant Information:	Filters are changed quarterly (4 times per year). If the OA temperature drops below 0 degrees Celsius, then the amount of OA may be reduced in order to maintain comfortable room temp.
District Contact for any Questions:	Name: Dean White
	Phone Number: 604-727-0736
	Email: dwhile@deltaschools.ca

