|                   | ±37  |
|-------------------|--|
| Executive Summary | In 2008, the Delta Board of Education embraced the concept of sustainability through the adoption of a District Sustainability Policy, which set as priorities: conservation, protection, education and regulation. The Board hired a full-time dedicated Energy Manager to oversee sustainable operations with a focus on carbon neutrality, energy conservation, awareness and reporting. The opening Plenary for the 2008/09 school year had as its theme "Greening Our Schools", with guest speakers brought in to make presentations to Principals, Vice Principals, Department Heads and other management on why greenhouse gas reduction, waste reduction, conservation of water and electricity are vital to the region, the continent and the planet. |
|                   | Numerous initiatives stemming from the above Board actions commenced, including "right sizing" of fleet vehicles to reduce fuel consumption<br>and CO <sub>2</sub> , replacement of 100 - 40% efficient gas-fired rooftop heating units with 300% efficient air source heat pumps, a feasibility study into<br>possibly retrofitting two schools with ground source heat pumps, an energy assessment by BC Hydro to identify key tasks to reduce electrical<br>consumption through retrofits and behavioural change.   |
| Objectives        | <u>Conservation</u> : adhering to the principle of conserving electricity, fossil fuels and water through an energy management program designed to optimize energy use, reduce energy consumption and source-out alternative renewable energy sources. This in turn will lead to reduced operatir costs and reduction in harmful emissions into the environment while still maintaining the highest possible level of safety, comfort and health for students and staff.   |
|                   | Education: through educational programs, developing in its students and staff an awareness of and commitment to the concept of sustainability by establishing a leadership role in environmental stewardship, seeking to promote responsible attitudes, and fostering a holistic approach to climate change, energy utilization and waste reduction.   |
|                   | Protection: adopting practices that protect the environment, and in particular our students, staff and the community. Such practices in all District operations shall include, but not be limited to, substitution or elimination of the use of toxic and harmful substances, increased use of recycled and recyclable products, reduction in packaging and solid waste generation, and increased diversion of recyclable materials out of waste streams.  |
|                   | <u>Regulation</u> : meeting or exceeding requirements for public sector agencies set forth in Provincial climate action, energy conservation and other pertinent legislation, policy or regulations.   |

## Part 1: Actions Taken to Reduce Greenhouse Gas Emissions in 2008

# Overview The Delta Board of Education embarked on a program to reduce greenhouse gas emissions, starting with its facilities. A feasibility study was completed to ascertain the most cost effective means to replace 200 antiquated gas-fired rooftop heating units at 20 schools with a more efficient, environmentally friendly heating solution. The option selected was an electric air source heat pump with natural gas backup, which is 300% efficient and calculated to reduce GHG by approximately 450 TCO2e. Phase 1, consisting of 101 units, was completed in 2008. Initial talks with Terasen Energy Services took place to investigate the possibility of retrofitting two sites, each with 2 schools, with geo-exchange heat/hot water systems to further reduce our carbon footprint by as much as 415 TCO2e. In addition, five gasoline-powered fleet vehicles (full-size pick-ups, vans) were retired in favour of compact, fuel efficient pickups and a hybrid SUV. Our Energy Manager visited most schools to discuss energy conservation and GHG reduction with staff, with follow-up including action plans to take place in 2009/10.

### **1.1 Mobile Fuel Combustion**

| Action  | Action Taken | Outcome/Performance Measure   | Notes Clarifying Action Taken  |
|---|--------------|---|--|
| Replaced # of TYPE OF VEHICLE with MORE<br>EFFICIENT VEHICLE/Hybrid               | In progress  | Reduced gasoline consumption  | Five gasoline-powered fleet vehicles (full-size<br>pick-ups, vans) were retired in favour of<br>compact, fuel efficient pickups and a hybrid<br>SUV. |
| Established anti-idling behaviour change program (e.g. signs, stickers, messages) | In progress  | Observed reduction in vehicles (busses, private) idling while awaiting release of students for pickup | Signage installation on-going. Information to be issued to schools for incorporation into newsletters in 2009/10.                                    |

# **1.2 Stationary fuel combustion and electricity**

| Action   | Action Taken | Outcome/Performance Measure    | Notes Clarifying Action Taken  |
|--|--------------|--------------------------------|--|
| Replaced # computers with EnergyStar models                    | In progress  | Reduced electrical consumption | On-going program "Evergreen"   |
| Replaced Refrigerators (EnergyStar rated appliance)            | In progress  | Reduced electrical consumption | Replaced two refrigerators - one at Board<br>Office, other at Delta Manor Elementary           |
| Replaced standard bulbs with CFLs                              | In progress  | Reduced electrical consumption | Mostly complete in the District, but when discovered, replace incandescent with CFLs or LEDs   |
| nstalled motion activated lights                               | In progress  | Reduced electrical consumption | Installed occupancy sensors in 12 Classrooms at<br>Port Guichon Elementary                     |
| Undertaken lighting retrofit                                   | In progress  | Reduced electrical consumption | Replaced all fluorescent lamps with energy efficient, lower wattage T8's                       |
| Jtilized desk-top power management settings on<br>computer     | In progress  | Undetermined savings as yet    | On-going program to install Deep Freeze<br>software to power-down computers and<br>peripherals |
| Initiated corporate computer shut-down/wake-up for maintenance | In progress  | Undetermined savings as yet    | On-going program to install Deep Freeze<br>software to power-down computers and<br>peripherals |

| Initiated or completed a building energy retrofit                             | In progress  | Phase 1 savings estimated at 4,400 GJ/year                   | Completed heating audit at 20 schools,<br>replaced 101 existing gas-fired rooftop heating<br>units with air source electric heat pumps c/w<br>gas 2nd stage backup at 9 schools (Phase 1)   |
|---|--------------|--|---|
| Upgraded DDC Controls   | In progress  | Savings 6,720 kWH/yr   | On-going multi-year replacement project to<br>standardize building controls at all sites to be<br>managed via web. Changed Weekly Schedule<br>for outside lighting controls to turn on at<br>6.30am as opposed to 6:00am (40 kw/day<br>savings) |
| Installed window roll shutters to help reduce heat loss when rooms not in use | In progress  | Undetermined savings as yet                                  | Installed roll shutters on all ground floor<br>windows at Devon Gardens and Sunshine Hills<br>Elementaries  |
| 1.3 Supplies  |              |  |   |
| Action  | Action Taken | Outcome/Performance Measure                                  | Notes Clarifying Action Taken   |
| Used collaborative software to edit on-line                                   | In progress  | Eliminate need for paper copies                              | Continue to use FirstClass software for e-mail,<br>discussion groups, collaboration and data<br>repository  |
| Re-used non-confidential scrap paper  | In progress  | Reduced paper being sent to recycling                        | Not system-wide   |
| Used laptops/tablets  | In progress  | Marked reduction in paper consumption                        | Board packages, budget documents, etc. all e-<br>mailed and stored in FirstClass for staff and<br>trustees to retrieve on their assigned laptops  |
| Chose "Green" items from Distribution Centre                                  | In progress  | Increased use of environmentally-friendly cleaning products  | In Custodial operations   |
| Encouraged re-use of furniture and equipment                                  | In progress  | Marked decrease in saleable assets in 2008                   | Mostly student desks, office furniture  |
| 1.4 Employee Engagement   |              |  |   |
| Action  | Action Taken | Outcome/Performance Measure                                  | Notes Clarifying Action Taken   |
| Provided climate change education   | In progress  | Undetermined at this time                                    | Held an all-day Plenary for District and School<br>Administration dedicated to sustainability and<br>awareness, held on-going meetings with school<br>staff and senior management regarding<br>initiatives underway and forthcoming             |
| Developed Green Teams   | In progress  | Increased awareness and accountability by staff and students | Individual Schools have undertaken Green<br>Team Initiatives, Recycling, Energy Audits &<br>awareness.  |

| Supported professional development | In progress | Undetermined at this time | Held an all-day Plenary for District and School     |
|------------------------------------|-------------|---------------------------|---|
|                                    |             |                           | Administration with workshops on global             |
|                                    |             |                           | warming, energy conservation, waste reduction       |
|                                    |             |                           | and other sustainability measures within the        |
|                                    |             |                           | Delta School District. Facilities Branch            |
|                                    |             |                           | presentation on reducing the carbon footprint,      |
|                                    |             |                           | past & future projects. In addition, District staff |
|                                    |             |                           | attended numerous seminars and workshops            |
|                                    |             |                           | on climate change and energy management.            |
|                                    |             |                           |   |
|                                    |             |                           |   |

# 1.5 Sustainability Actions (others)

| Action   | Action Taken   | Outcome/Performance Measure  | Notes Clarifying Action Taken  |
|--|--|--|--|
| Ran dishwasher only when full                                      | In progress  | Undetermined at this time  | Piloted program at School Board Office   |
| Reduced/replaced bottled water with filtered or refrigerated water | In progress  | Undetermined at this time  | Piloted program at School Board Office   |
| Improved recycling measures  | In progress  | Increased amount of waste diverted from landfills  | Reviewing other programs to better sort  |
|  |  | to recycling plants  | recyclables, budget permitting   |
| Used re-usable dishes  | In progress  | Undetermined at this time  | Piloted program at School Board Office   |
| Purchased green cleaning products                                  | In progress  | Healthier buildings and staff; increased amount of   | Utilizing cleaning products that are less harmful  |
|  |  | waste diverted from landfills to recycling plants  | to the environment; utilizing RTD (ready-to  |
|  |  |  | dispense) concentrated cleaning products   |
|  |  |  | which come in recyclable containers and mix  |
|  |  |  | with water, thus reducing packaging.   |
|  |  |  |  |
| Used green (low-e paints)  | In progress  | Healthier buildings and staff; reduction in volatile   |  |
|  |  | compounds entering sewage stream   |  |
| Port 2. Plana to Continue Poducing C                               |  |  |  |
| Part 2: Plans to Continue Reducing G                               | eennouse Gas En  | IISSIOIIS 2009 2011  |  |
|  |  |  |  |
|  |  |  |  |
| Dverview   |  | -  | I be to continue to identify opportunities for: the reduction of GHG   |
|  |  | • •  | rality; the reduction of electricity consumption; and the implementatio  |
|  | of alternative, "gr  | een" energy sources  |  |
|  |  | cert energy sources.   |  |
|  | An extensive audi  |  | School District Senior Management changes to basic use of supplies, i.e  |
|  |  | t will be carried out to identify and recommend to Delta S   | School District Senior Management changes to basic use of supplies, i.e<br>rts over paper reports, recyclable dishes and cutlery, reduction in |
|  | default two-sided  | t will be carried out to identify and recommend to Delta S<br>coping, re-use of non-confidential paper, electronic repo  |  |
|  | default two-sided<br>packaging and rec   | t will be carried out to identify and recommend to Delta S<br>coping, re-use of non-confidential paper, electronic repo<br>ycling of cardboard, etc.   |  |
|  | default two-sided<br>packaging and rec<br>Another audit will   | t will be carried out to identify and recommend to Delta S<br>coping, re-use of non-confidential paper, electronic repo<br>ycling of cardboard, etc.<br>be carried out to determine the level of participation thr   | rts over paper reports, recyclable dishes and cutlery, reduction in  |
|  | default two-sided<br>packaging and rec<br>Another audit will<br>footprint reductio                       | t will be carried out to identify and recommend to Delta S<br>coping, re-use of non-confidential paper, electronic repo<br>ycling of cardboard, etc.<br>be carried out to determine the level of participation thr<br>n, etc.  | rts over paper reports, recyclable dishes and cutlery, reduction in oughout the District for energy conservation, waste reduction, carbon      |
|  | default two-sided<br>packaging and rec<br>Another audit will<br>footprint reductio<br>We also plan to de | t will be carried out to identify and recommend to Delta S<br>coping, re-use of non-confidential paper, electronic repo<br>ycling of cardboard, etc.<br>be carried out to determine the level of participation thr<br>n, etc.<br>evelop a program to enlist schools to participate in a Tota | rts over paper reports, recyclable dishes and cutlery, reduction in  |
|  | default two-sided<br>packaging and rec<br>Another audit will<br>footprint reductio                       | t will be carried out to identify and recommend to Delta S<br>coping, re-use of non-confidential paper, electronic repo<br>ycling of cardboard, etc.<br>be carried out to determine the level of participation thr<br>n, etc.<br>evelop a program to enlist schools to participate in a Tota | rts over paper reports, recyclable dishes and cutlery, reduction in oughout the District for energy conservation, waste reduction, carbon      |

| ction  | Action Planned | Outcome/Performance Measure   | Notes Clarifying Action Taken  | Timeframe   |
|--|----------------|---|--|-------------|
|  | In progress    | Reduced gasoline consumption  | Continue to replace gasoline or diesel-powered<br>fleet vehicles with "right-sized", more fuel<br>efficient vehicles with a consideration made to<br>alternate energy sources where practicable and<br>cost effective.   | On-going    |
| Replace # of TYPE OF VEHICLE with MORE<br>EFFICIENT VEHICLE/Hybrid   | Planned        | Reduced gasoline consumption and wear-and-tear on vehicles  |  | Winter 2010 |
| Provide driver training to reduce fuel use   | In progress    | Reduced gasoline consumption and wear-and-tear<br>on vehicles; increased service life of fleet        | New in-house service, to replace outsourced<br>service, providing improved quality control,<br>scheduled preventative maintenance and<br>timely repairs and adjustments to improve<br>vehicle and grounds equipment performance<br>and fuel efficiency. Regular reports to<br>recommend remedial action, including<br>replacement of vehicles and equipment. | On-going    |
| nitiate new fleet maintenance program (could include –<br>changing filters, checking tire pressure, regular check-<br>ups) | In progress    | Observed reduction in vehicles (busses, private) idling while awaiting release of students for pickup | Complete signage installation and issue information to all schools for incorporation into newsletters.   | Spring 2010 |
| .2. Stationary Fuel Combustion (including  |                |   |  |             |
| ction  | Action Planned | Outcome/Performance Measure   | Notes Clarifying Action Taken  | Timeframe   |
| Undertake workstation tune-ups to help staff understand what they can do to reduce personal energy use                     | Planned        | Reduced electrical consumption  | Introduce "Staff Awareness Programs"   | Fall 2009   |
| Undertaken Monitor turn-off challenge  | Planned        | Reduced electrical consumption  | Introduce "Staff Awareness Programs"   | Fall 2009   |
| Replace # computers with EnergyStar models   | In progress    | Reduced electrical consumption  | On-going program "Evergreen"   | On-going    |
| Encourage staff to use stairs  | Planned        | Reduced heating/cooling demand  | Introduce "Staff Awareness Programs"   | Fall 2009   |
| Turn off lights in unused rooms  | In progress    | Reduced electrical consumption  | Introduce "Staff Awareness Programs", install<br>"Turn It Off" PowerSmart stickers at all light<br>switches.   | Fall 2009   |
| Replace Refrigerators (EnergyStar rated appliance)   | In progress    | Reduced electrical consumption  | Establish District Policy/Procedure to ensure<br>Procurement Services only purchases<br>EnergyStar rated appliances when the need<br>arises  | Fall 2009   |
| Replace other appliances (with EnergyStar rated appliance)   | In progress    | Reduced electrical consumption  | Establish District Policy/Procedure to ensure<br>Procurement Services only purchases<br>EnergyStar rated appliances when the need<br>arises  | Fall 2009   |
| Install multi-function devices (and remove stand-alone printers/faxes)   | Planned        | Reduced electrical consumption, paper consumption (duplexing)   | Will replace equipment when needed and as<br>budget permits  | On-going    |
| Replace standard bulbs with CFLs   | In progress    | Reduced electrical consumption  | Mostly complete in the District, but when discovered, replace incandescent with CFLs or  | On-going    |

| Install motion activated lights                                  | In progress | Reduced electrical consumption  | Upon completion of energy audits in buildings, install where practicable  | On-going   |
|--|-------------|---|---|--|
| Undertake lighting retrofit                                      | In progress | Reduced electrical consumption  | Currently replacing dimmable incandescent fixtures with LEDs in theatres  | 2010   |
| Implement server virtualization                                  | Planned     | Reduced electrical consumption, room cooling  | Currently under review as part of District<br>Technology Plan. If cost effective, and if budget<br>permits, may look to pilot.  | 2011   |
| Utilize desk-top power management settings on computer           | In progress | Energy Savings increased to original Dep. Freeze<br>units. Minimum 254 KWh/yr each unit for<br>remaining 1500 units (381,000 KW/yr) | To install Power Saving Program to approx 5000<br>computers. Install Deepfreeze/ Power Save<br>programs to all Macs (500) & all Administration,<br>Teachers & Classroom Computers (1000)  | Fall 2009  |
| Initiate corporate computer shut-down/wake-up for<br>maintenance | In progress | Energy Savings increased to original Dep. Freeze<br>units. Minimum 254 KWh/yr each unit for<br>remaining 1500 units (381,000 KW/yr) | To install Power Saving Program to approx 5000<br>computers. Install Deepfreeze/ Power Save<br>programs to all Macs (500) & all Administration,<br>Teachers & Classroom Computers (1000)  | Winter 2009  |
| Apply for LEED existing building rating                          | Planned     | Undetermined quantity of savings  | Introduce "Staff Awareness Programs"  | Fall 2009  |
| Undertake building energy audit at LOCATION(s)                   | Planned     | Complete audit to determine future energy<br>reduction projects   | Complete Building Audits of all schools   | Winter 2009  |
| Undertake building energy audit at LOCATION(s)                   | In progress | Phase 2 savings estimated at 5,000 GJ/year<br>Phase 3 savings estimated at 7,800-8,600 GJ/year                                      | 2009: Replace 98 existing gas-fired rooftop<br>heating units with air source electric heat<br>pumps c/w gas 2nd stage backup at 11 schools<br>(Phase 2). Currently undertaking a study at 2<br>school sites to replace 92 existing RTUs with<br>either air source electric heat pumps c/w gas<br>2nd stage backup or ground source heat pumps<br>c/w gas 2nd stage backup (Phase 3A, would<br>also include domestic hot water heating). Plan<br>to undertake a study at other 2 school sites to<br>replace 49 existing RTUs with either air source<br>electric heat pumps c/w gas 2nd stage backup<br>or ground source heat pumps c/w gas 2nd stage<br>backup (Phase 3B, would also include domestic<br>hot water heating). | Phase 2 -<br>Fall 2009,<br>Phase 3A -<br>Fall 2010,<br>Phase 3B -<br>Fall 2011 |
| Upgraded DDC Controls  | In progress | Savings 6,720 kWH/yr  | On-going multi-year replacement project to<br>standardize building controls at all sites to be<br>managed via web. Changed Weekly Schedule<br>for outside lighting controls to turn on at<br>6.30am as opposed to 6:00am (40 kw/day<br>savings)   |  |

| Action   | Action Planned | Outcome/Performance Measure                        | Notes Clarifying Action Taken                    | Timeframe       |
|--|----------------|--|--|-----------------|
| Commit to use 30% recycled paper                       | Planned        | Once existing paper stocks depleted, replace with  | Depends on quality of presentation (i.e. higher  | Winter 2009     |
|  |                | 30% recycled for general printing/copying - target | quality brochures may not be able to be done     |                 |
|  |                | 90% use  | on 30% recycled).                                |                 |
| Commit to use 100% recycled paper                      |                |  | Cost-benefit concern - more expensive, tougher   |                 |
|  |                |  | on printers and copiers.                         |                 |
| Initiate automatic double sided printing               | Planned        | Reduced paper by count                             | Will implement default double-sided copying in   | Copiers by      |
|  |                |  | 2009 where photocopiers have such setting. As    | Summer 2009, re |
|  |                |  | older copiers and printers are replaced, will    | as necessitated |
|  |                |  | replace with models capable of duplexing         | as necessitated |
|  |                |  | defaults   |                 |
| Commit to hold paperless meetings                      | Planned        | Reduced paper by count                             | District Policy/Procedure needed to be           | Winter 2010     |
|  | Tannea         | Reduced paper by count                             | developed  | Winter 2010     |
| Develop document library (online and one printed copy) | In progress    | Reduced paper by count                             | In Facilities Branch, will convert drawings to   | Winter 2010     |
| for large documents                                    | in progress    | Reduced paper by count                             | PDF files stored on server to avoid paper        | Winter 2010     |
|  |                |  | reproductions. Policies, procedures and other    |                 |
|  |                |  | District documents stored on District website    |                 |
|  |                |  |  |                 |
|  |                |  | and intranet for download and viewing.           |                 |
| Use collaborative software to edit on-line             | In progress    | Eliminate need for paper copies                    | Continue to use FirstClass software for e-mail,  | On-going        |
|  | in progress    | Eliminate need for paper copies                    | discussion groups, collaboration and data        | Oll-going       |
|  |                |  | repository.                                      |                 |
| Re-use non-confidential scrap paper                    | In progress    | Reduced recycling of paper                         | If going double-sided, paper will not be useable | On-going        |
|  | in progress    | neuced recycling of paper                          | for scrap.                                       | Ongoing         |
| Use laptops/tablets                                    | Planned        | Reduced hard-cover book purchase, reduced paper    | Implement student & staff laptop program as      | Fall 2011       |
|  |                |  | part of District Technology Plan. Highly         |                 |
|  |                |  | dependent on cost to purchase laptops and        |                 |
|  |                |  | willingness of parents to pay in instalments.    |                 |
|  |                |  |  |                 |
| Purchase cradle to cradle goods                        | In progress    | Reduced purchase of paper                          | Close District Print Shop - the convenience of   | Fall 2009       |
|  |                |  | having an in-house print shop will be gone, so   |                 |
|  |                |  | print requests to outsourced firms should be re- |                 |
|  |                |  | thought and paperless solutions to               |                 |
|  |                |  | communicate developed.                           |                 |
|  |                |  |  |                 |
| Choose "Green" items from Distribution Centre          | In progress    | 90% environmentally-friendly products used in      |  | On-going        |
|  | 1 0            | cleaning   |  | 0-0             |
| Encourage re-use of furniture and equipment            | In progress    | Increased recycling of student furniture, with any |  | On-going        |
|  |                | broken or obsolete furniture or equipment sent to  |  |                 |
|  |                | recycler   |  |                 |
| 2.4 Travel   |                |  |  |                 |
| Action   | Action Planned | Outcome/Performance Measure                        | Notes Clarifying Action Taken                    | Timeframe       |
| nstall Video Conferencing facilities                   | Planned        | Undetermined at this time                          | Under review for future implementation,          | fall 2011       |
|  |                |  | budget permitting                                |                 |

| ction   | Action Planned | Outcome/Performance Measure   | Notes Clarifying Action Taken   | Timeframe   |
|---|----------------|---|---|-------------|
| Provide climate change education  | Planned        | Increased awareness and conservation measures throughout District   | Develop "Green Teams" at all schools and<br>enhance education program support to schools<br>in environmental stewardship. Develop a web<br>page with news, resources and tips available for<br>staff, students and parents to access. | Winter 2009 |
| Provide conservation education  | Planned        | Increased awareness and conservation measures throughout District   | Develop "Green Teams" at all schools and<br>enhance education program support to schools<br>in environmental stewardship Develop a web<br>page with news, resources and tips available for<br>staff, students and parents to access.  | Winter 2009 |
| Hold contests to change behaviour/make pledge                             | Planned        | Increased awareness and conservation measures throughout District   | Develop "Green Teams" at all schools.   | Winter 2009 |
| Hold contests/support to generate ideas                                   | Planned        | Increased awareness and conservation measures throughout District   | Develop "Green Teams" at all schools.   | Winter 2009 |
| Develop Green Teams   | Planned        | To help organize an environment to encourage<br>sustainability programs with participation from all<br>levels within the District | Offer enrolment to a "Green Team System" to all sites with benchmarks, aims and goals   | Fall 2009   |
| Support Green Teams (resources)   | Planned        | Goals: to develop an environment to encourage sustainability within each school that will be continual.                           | Provide funding to sites that organize and maintain a "Green Team" with goals reached.  | Fall 2009   |
| Provide green tips  | Planned        | Increased awareness and conservation measures throughout District   | Provide information for Green Teams to<br>disseminate. Develop a web page with news,<br>resources and tips available for staff, students<br>and parents to access.  | Winter 2009 |
| Support professional development  | In progress    | Increased awareness and conservation measures throughout District   | District staff to continue to attend webinars,<br>seminars and workshops on climate change and<br>energy management.  | On-going    |
| Add a green work goal to performance management                           | Planned        | Goals is to develop a framework to assist Schools in forming Green Teams and their goals  | Committee to consist of all educational<br>partners and departments championing the<br>cause.   | Summer 2009 |
| 2.6 Sustainability Actions (others)                                       |                |   |   |             |
| Action  | Action Planned | Outcome/Performance Measure   | Notes Clarifying Action Taken   | Timeframe   |
| Take water conservation measures – low flow showers or toilets, fix leaks | Planned        | Reduction in water consumption  | Green Teams to report any excessive water use<br>to school administration - work order to<br>maintenance to repair or behavioural change to<br>be implemented   | Winter 2009 |
| Run dishwasher only when full   | In progress    | Reduction in water consumption  | Green Teams to monitor and report compliance<br>to school administration and Energy Manager   | Winter 2009 |

| Reduce/replace bottled water with filtered or refrigerated water | In progress | Decreased amount of waste sent to landfills.   | Green Teams to undertake review and report<br>possible projects to school administration and<br>Energy Manager. If budget permits, install<br>filtered water dispensers   | Spring 2010 |
|--|-------------|--|---|-------------|
| Improve recycling measures                                       | In progress | Increased amount of waste diverted from landfills to recycling plants.                               | Green Teams to undertake review and report<br>possible enhanced programs to school<br>administration, Energy Manager and Manager<br>of Facility Services. If budget permits,<br>implement changes                                   | Spring 2010 |
| Support composting   | Planned     | Decreased amount of food waste sent to landfills.  | Green Teams to undertake review and report<br>possible enhanced programs to school<br>administration, Energy Manager and Manager<br>of Maintenance Services. If budget permits,<br>implement projects.                              | Spring 2010 |
| Use re-usable dishes   | In progress | Decreased amount of waste sent to landfills.   | Green Teams to monitor and report compliance to school administration and Energy Manager  | Winter 2009 |
| Purchase green cleaning products                                 | In progress | Healthier buildings and staff; increased amount of waste diverted from landfills to recycling plants | Utilizing cleaning products that are less harmful<br>to the environment; utilizing RTD (ready-to<br>dispense) concentrated cleaning products<br>which come in recyclable containers and mix<br>with water, thus reducing packaging. | On-going    |
| Use green (low-e paints)   | In progress | Healthier buildings and staff; reduction in volatile compounds entering sewage stream                |   | On-going    |
| Support sustainable procurement practices                        | Planned     | Social responsibility, "walking the talk"  | Revise existing District Policy regarding<br>procurement to include sustainable methods<br>of manufacturing, delivery and recycled content<br>of goods.   | Spring 2010 |