



School District No. 51 (Boundary)

2010 Carbon Neutral Action Report

Executive Summary

On behalf of School District No. 51 I am pleased to submit the 2010 Carbon Neutral Action Report. School District No. 51 continues to strive to be an integral part of the solution to the ongoing concerns that face our environment. With the added stress of aging facilities and financial constrictions, these changes often take place more slowly than we would like. This year we were able to input our Smart Tool data for both 2009 and 2010. We were pleased to see that we have decreased our carbon footprint over the past year. We also continue to effectively implement a four day school week in our District.

We have been progressive in our technology and have partnered with our community by installing a fibre network. This project coupled with ongoing training and upkeep of our current operating systems has been our focus in 2010. The Operations Department continues to focus on operating our facilities and fleet in an efficient manner. A highlight of 2010 was the installation of hot water solar panels at Boundary Central Secondary School. The HVAC attendant as well as our Operations Manager continue to educate themselves and our staff through attendance at workshops. We are also moving forward towards implementing policies and programs within our schools that encourage the health of the students. Our goal this year will be to continue to intentionally make those choices that will benefit our students, not only within the walls of their classroom but also in their environment.

Jeanette Hanlon
Secretary-Treasurer

2010 Greenhouse Gas Emissions

We were able to input our Smart Tool data for both 2009 and 2010. In 2010 our total offsets were 1064.39. It was estimated that stationary fugitive emissions from cooling do not comprise more than 0.01% of School District No. 51's total emissions and an ongoing effort to collect or estimate emissions from this source would be disproportionately onerous. Therefore, emissions from this source have been deemed out of scope and have not been included in the total greenhouse gas emissions profile.

Offsets Applied to Become Carbon Neutral in 2010

Total emission offsets have been applied to become carbon neutral for 2010. Offsets purchased were 827.50 tonnes with a total offset investment of \$20,687.50. As required by section 5 of the Carbon Neutral Government Regulation, 236.90 tonnes CO₂e of emissions resulting from the operation of school buses were reported as part of our greenhouse gas emissions profile in 2010. However, they were not offset as they are out-of-scope under section 4(2)(c) of the Carbon Neutral *Government Regulation*.

Emissions Reduction Activities

Actions Taken to Reduce Greenhouse Gas Emissions in 2010

Our IT Department continues to work under the load of an ever increasing demand for technology upgrades as well as upkeep. We continue to move forward in an effort to replace aging and inefficient equipment. In 2010 the school District installed community fibre and connected the facilities in the city to consolidate our network data servers. This reduces our hardware requirements as well as

the energy necessary to power our separate networks. In 2010, Grand Forks Secondary School removed 40% of their printers. Teachers and teaching assistants have participated in several professional development opportunities supporting the implementation of Smart Boards as well as participating in Assistive Computer Technology workshops. We continue to post meeting agendas on our website as well as making them accessible to all staff. Job postings, memos, letters as well and other forms of correspondence are circulated via email and First Class rather than in print format. Minutes from meetings are also circulated via email. All staff is given access to a District email account and we continue to offer support and training to our employees to encourage correspondence through this avenue. 100% of our employees receive their pay slips as well as T4s via email. School District No. 51 has also completed training all current staff on the implementation of electronic timesheets. The continued education of our employees in relevant technology is fundamental in educating our students and creating a dynamic learning environment.

A Health Promoting Schools Coordinator, Heather Shilton, was hired in 2010. She consistently leads by example and bikes and walks throughout the community for meetings and events, as well as encouraging the District staff to do likewise. Three schools have already participated in an on line School Health Assessment to help them set priorities for improving the health of their schools. This tool generates reports which the individual school committees use to determine strategies, such as reducing smoking among students.

In 2010 our Operations Manager and HVAC technician attended a Fortis energy benchmarking workshop. This year saw Boundary Central Secondary, Greenwood Elementary, and 525 Central Avenue all receive replacement of rooftop AC units to heat pump units. We are committed to continue to retrofit the schools in our District as our budget allows.

It is important for our District to be fiscally responsible, therefore replacement of our fleet with more fuel efficient models, while a priority will continue to be a slow process. Currently 100% of our vehicles are subject to regular maintenance for fuel efficiency. Regular maintenance is performed every 5000 kms on small maintenance vehicles and bus maintenance is performed monthly. 100% of our drivers received fleet driver training, and in 2010 we completed implementation of our anti-idling awareness for fleet drivers, including stickers, signs in vehicles and at schools. Our District incorporates an electronic maintenance request format which also facilitates the organization of work requests in such a way that travel is reduced and work is completed more efficiently.

In 2010 we continued to reduce the amount of paper that we purchased. While only 10% of the paper purchased contains 30% recycled content we did manage to reduce the amount of paper purchased overall.

During the 2010 year we consciously worked at environmental education and sustainable behaviour change. The schools in our District have taken part in several learning initiatives this year. One of the highlights for our District was Boundary Central Secondary School's



application for a grant from Solar BC for Solar Hot Water. The grant was approved and on November 17, 2010 the solar panels were installed. Students, teachers and parents alike were all very enthusiastic and supportive of this venture.

Education regarding climate change, conservation of water, energy and raw materials was incorporated into the school curriculum. Reduce-reuse-recycle continues to be one of the taglines for our students. Several of the initiatives our schools participated in were pond studies and/or Streams for Dreams to support awareness against polluting rivers; they also looked at oil in water and the effect on frogs, insects and other wildlife. Other topics of study were freshwater fish farms and their effects on eco-systems, car washes and the effects of the soapy water, and the implication of oil spills and the possible boycott of Nestle, as well as rain forest conservation. Schools participated in "Turn Out the Lights" initiative and Earth Day, along with community cleanup activities. Some of the seminars attended by teachers in 2010 were a "Heads-Up" seminar in Vancouver, PITA, Global Sustainability and Classroom Connection workshops, RiverWatch program, Wild BC and a square foot gardening session. Some schools had guest speakers explain the 100 Mile Diet as well as have a representative from the Regional District give a presentation on recycling strategies.

The schools continue to run recycling programs and teach recycling strategies. They also run fruit and veggie programs; as much as possible supporting local and organic farmers. There are also several teacher/student green teams and they occasionally share "green tips" through newsletters and/or on the website such as reusing containers, suggestions for use of water bottles/plates, and waste-free lunches. Some of the schools run a reuse program with glass plates, cups, etc for hot lunches. Green posters are displayed in schools, and several schools also take part in a composting program along with using recyclable products for school projects. One school partners with their community in the development of a nature trail, community garden and composting centre. They also have participated in the BC Green Games for the last three years.

Workers involved in recycling receive recognition awards and are acknowledged at school assemblies for green actions such as turning off lights, adopting home programs, picking up garbage and for their part in the recycling programs.

Plans to Continue Reducing Greenhouse Gas Emissions 2011-2013

Environmental education and sustainable behavior change will continue to be one of our key focuses over the next three years as we strive to work towards even greater school involvement through education programs and teacher designed curriculum from K to 12. District, school and classroom presentations, field trips and workshops will continue to highlight the importance of our task ahead. Each school in our District is eager to work diligently to educate their students as well as inform parents about opportunities and steps that we can take to reduce our carbon footprint.

In 2011 Grand Forks Secondary and Boundary Central Secondary school's computers will be replaced with new and more efficient models. Photocopiers, computers, hardware as well as software will continue to be updated and replaced as necessary and as funding is available. Our District is investigating the feasibility of purchasing hardware required for electronic document storage.

In 2011-2013 we plan to hire consultants to audit our buildings and propose solutions to energy management issues. Plans also include attendance at future Fortis workshops. We will also be examining the feasibility of upgrading our lighting systems as the budget allows. Boundary Central Secondary School installed solar hot water panels and we will continue to monitor the benefits of this venture. Also in 2011 to 2013 we plan to install a heat recovery system at West Boundary Elementary School. Boundary Central Secondary School has also applied for a grant for Photovoltaic Solar along with Grand Forks Secondary and Midway Elementary Schools. Facilities and maintenance will prioritize HVAC and lighting upgrades that contribute to more energy efficient buildings and better learning and working environments for the students and staff throughout our District.

In the next three years we will also continue to maintain our fleet in a fiscally and environmentally responsible manner. As funds are available we will begin to replace our regular fleet with vehicles that are more environmentally friendly. We will also continue to reduce the amount of paper used at each of our schools and will stress responsibility in reuse and recycling of all paper. We will monitor future paper orders and attempt to encourage our schools to purchase paper with a higher recycled content.

Currently our Health Promoting Schools Coordinator is working on a Walk to School/Active Transportation initiative for students. She coordinated an Employee Wellness Challenge (walking across Hawaii) which will continue until January 2012. Prizes, such as pedometers (as seen in the photo right), are presented each week to the employee with the most steps. Ms. Shilton also publishes and distributes a newsletter which is posted on our website as well as distributed electronically to all staff. She highlights tips for staying active and eating healthy, along with links to grant opportunities such as the School Ground Greening Grant. Our District is in the process of having our schools do a Healthy School Assessment, and will continue to encourage all schools to complete this in the next year using the computer lab rather than paper copies for team members.

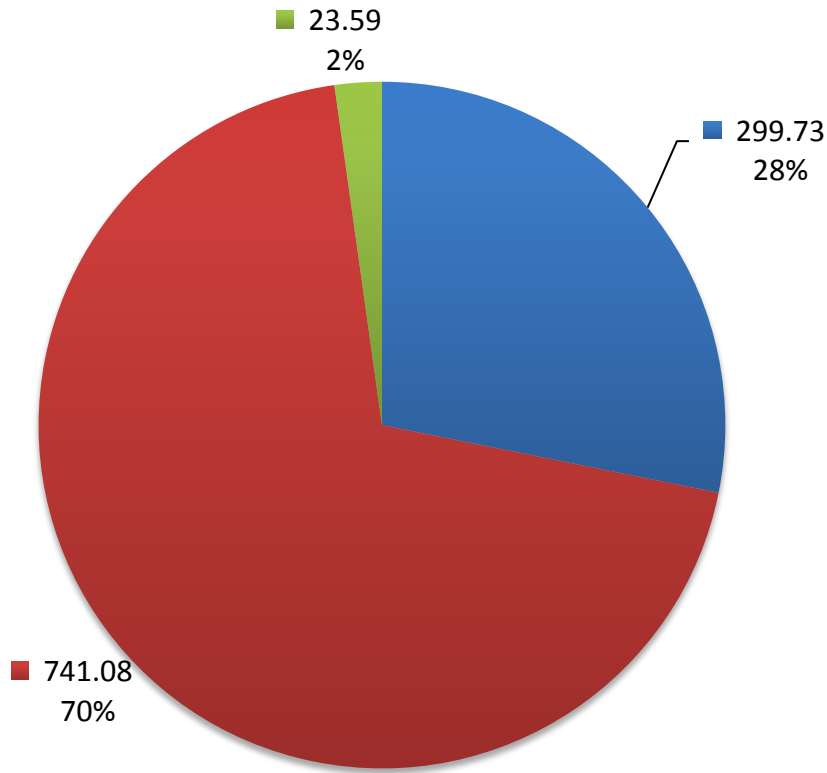


Our schools are looking at exciting opportunities in 2011-2013. Our District is incorporating green initiatives into the topics for the professional development days planned for the teachers in August. Several schools that do not already have a green team are making it a priority and placing it into their goals for 2011-2013. Some initiatives already planned for the upcoming year are worm composting, community garden partnership as well as participating in Wild BC, Lights Out and the River Watch program, and continued development of local nature trails. There are also plans for additional schools to participate in the BC Green Games, and partner with their communities in community garden projects and a composting system.

Other programs being looked at are the reduction of noxious weeds and extraction control along with increased usage of germination tables. West Boundary Elementary is applying for a Phoenix Foundation grant to support community garden efforts with germination tables, tilling, cultivation, watering, weeding, harvesting and preserving of crops. Our teachers will also continue to educate students on topics such as the effects of global warming on habitat and hybridization. All schools will continue to implement recycling as well as research strategies to enhance even greater success to these programs. There is strong commitment to diligently use our resources and to share green tips with the students, parents and the public through websites and newsletters.

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Greenhouse Gas Emissions by Source for the 2010 Calendar Year (tCO₂e*)



Total Emissions: 1064.4

- Mobile Fuel Combustion (Fleet and other mobile equipment)
- Stationary Fuel Combustion and Electricity (Buildings)
- Supplies (Paper)

Offsets Applied to Become Carbon Neutral in 2010

Total offsets purchased: **827.5**. Total offset investment: **\$20,687.50**. Emissions which do not require offsets: **236.9** **

*Tonnes of carbon dioxide equivalent (tCO₂e) is a standard unit of measure in which all types of greenhouse gases are expressed based on their global warming potential relative to carbon dioxide.

** Under the *Carbon Neutral Government Regulation of the Greenhouse Gas Reduction Targets Act*, all emissions from the sources listed above must be reported. As outlined in the regulation, some emissions do not require offsets.

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Actions Towards Carbon Neutrality

The actions listed below contribute to a reduction in greenhouse gas emissions from sources for which public sector organizations are responsible under the carbon neutral government regulation of the *Greenhouse Gas Reduction Targets Act*.

Action	Status (as of 12/31/10)	Performance to Date (as of 12/31/10)		Steps Taken in 2010	Steps Planned for 2011 -2013	Start Year	End Year
Mobile Fuel Combustion (Fleet and other mobile equipment)							
Vehicle fuel efficiency							
Perform regular fleet maintenance to improve fuel-efficiency	Ongoing/In Progress	100	% of vehicles are subject to regular maintenance for fuel efficiency	Regular maintenance performed every 5000 kms on small maintenance vehicles. Bus maintenance performed monthly.	Continued regular maintenance.	2003	No End Date (Continuous)
Behaviour change program							
Provide fleet driver training to reduce fuel use	Ongoing/In Progress	90	% of current drivers are trained	No scheduled training in 2010.	No scheduled training confirmed at this time.	2008	No End Date (Continuous)
Introduce anti-idling policy and/or raise anti-idling awareness for fleet drivers (e.g., signs, stickers, messages)	Completed in 2010	100	% completed	Signs, stickers, messages are posted in the vehicles and at the schools.		2008	2010
Encourage carpooling in fleet vehicles	Ongoing/In Progress			Geographically the District is large, and whenever possible employees carpool to events or maintenance personnel try to co-ordinate work orders in a way as to cut down on travel time. Use of buses to transport groups of teachers to pro-d event.	Ongoing awareness and communication in regards to scheduling.	2009	No End Date (Continuous)
Promote alternatives to fleet vehicle travel where possible (e.g., bicycles, public transit, walking)	In Development				Currently our Health Schools Coordinator, is working on a Walk to School/Active Transportation initiative for students, as well as a Walk to School month in October.	2009	No End Date (Continuous)
Stationary Fuel Combustion, Electricity and Fugitive Emissions (Buildings)							
Planning/management							
Enrol in a building energy benchmarking program (e.g., GREEN UP)	In Development			HVAC technician and Operations Manager attended a Fortis energy benchmarking workshop.	Plan to attend future workshops.	2011	No End Date (Continuous)
Owned buildings							
Establish energy performance baseline for owned buildings	In Development			With Fortis benchmarking programs	Carry on with Fortis workshops	2010	No End Date (Continuous)
Incorporate integrated design process into new construction or during renovations of owned buildings	In Development	0	% of buildings built or renovated since start year indicated used the integrated design process		Hire consultants to audit buildings and propose solutions to energy management issues.	2011	No End Date (Continuous)
Incorporate a refrigerant management strategy into regular building management/maintenance to reduce fugitive emissions	Ongoing/In Progress			Recording refrigerant use, continued maintenance and repair of mechanical systems.	Ongoing	Started before 1995	No End Date (Continuous)
Retrofitting owned buildings							
Upgrade mechanical systems (heating, cooling, ventilation) during retrofits	Ongoing/In Progress	30	% of retrofits since start year indicated had heating, cooling, and ventilation systems upgrades	Boundary Central Secondary School - retrofit rooftop, AC units to heat pump units; Greenwood Elementary - retrofit AC units to heat pump units; 525 Central Avenue building - retrofit rooftop AC units to heat pump units.	Retrofits as budget allows.	2010	No End Date (Continuous)

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Action	Status (as of 12/31/10)	Performance to Date (as of 12/31/10)		Steps Taken in 2010	Steps Planned for 2011 -2013	Start Year	End Year
Upgrade lighting systems during retrofits	In Development	10	% of retrofits since start year indicated had lighting systems upgrades	None taken in 2010	Retrofits as budget allows.	2005	No End Date (Continuous)
Upgrade/adjust control systems during retrofits	Ongoing/In Progress	25	% of retrofits since start year indicated had control system upgrades or adjustments	Greenwood Elementary and Boundary Central Secondary School retrofit control systems.	Retrofits as budget allows.	2009	No End Date (Continuous)
Install an on-site renewable energy demonstration project	Ongoing/In Progress	10	% of retrofits since start year indicated had on-site renewable energy components	Solar hot water at Boundary Central Secondary School.	Plan heat recovery system for West Boundary Elementary School.	2011	No End Date (Continuous)
Leased buildings							
Establish energy performance baseline for leased buildings	In Development	100	% of leased buildings have an established energy performance baseline		None yet	2010	No End Date (Continuous)
IT power management							
Implement server virtualization	Ongoing/In Progress	50	% of servers have been virtualized since start year indicated	Decreasing hardware using server virtualization	Not purchasing new hardware and using existing servers for virtualization.	2010	No End Date (Continuous)
Apply auto-sleep settings on computer monitors and CPUs	Ongoing/In Progress	95	% of computers have auto-sleep settings applied	Ongoing	Ongoing. Including virtual desktop implementation. Use of thin client technology.	2010	No End Date (Continuous)
Remove stand-alone printers, copiers, and/or fax machines and install multi-function devices	Ongoing/In Progress	80	% reduction in printers, copiers, and/or fax machines since start year indicated	GFSS has removed 40% of their printers.	Ongoing replacement as needed.	2009	No End Date (Continuous)
Replace computers with ENERGY STAR models during regular computer upgrades	Ongoing/In Progress	10	% of computers are ENERGY STAR rated	Regular computer maintenance.	Replacing both secondary school computers. Ongoing as budget permits.	2010	No End Date (Continuous)
Appliances and electronic devices							
Replace refrigerators with ENERGY STAR models or source ENERGY STAR models for future purchases	Ongoing/In Progress	40	% of fridges are ENERGY STAR rated	Replaced one freezer with energy star model	Will replace any failed unit with energy star rated models	2000	No End Date (Continuous)
Replace other appliances or electronic devices with ENERGY STAR models or source ENERGY STAR models for future purchases	Ongoing/In Progress			Replaced two dishwashers	Will replace any failed unit with energy star rated models	2000	No End Date (Continuous)
Behaviour change program							
Provide reminders for turning off lights (e.g., signs, stickers, messages)	Ongoing/In Progress			No new steps taken in 2010	Plans to initiate "lights out" program in all schools	2009	No End Date (Continuous)
Promote hot water conservation	In Development			Installed solar panels to heat the water at Boundary Central Secondary School	Will evaluate the cost savings at BCSS and makes plans for future upgrades depending on outcomes.	2010	No End Date (Continuous)
Supplies (Paper)							
Paper Type							

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Action	Status (as of 12/31/10)	Performance to Date (as of 12/31/10)		Steps Taken in 2010	Steps Planned for 2011 -2013	Start Year	End Year
Purchase 30% post-consumer recycled paper	Ongoing/In Progress	10	% of total paper purchased contains 30% recycled content	Continued reduction in paper purchased as well as increase in awareness regarding products purchased.	Continue to reduce paper use and encourage purchase of recycled paper.	2009	No End Date (Continuous)
Purchase 100% post-consumer recycled paper	In Development	0	% of total paper purchased contains 100% recycled content		Future paper orders will continue to be monitored and schools encouraged to purchase recycled paper.	2010	No End Date (Continuous)
Printer/document settings							
Switch networked printers and photocopiers to automatic double-sided	Ongoing/In Progress	30	% of network printers or photocopiers are set to automatic double-sided	Replaced several printers with duplex options	Ongoing as printers need replacement	2008	No End Date (Continuous)
Electronic media in place of paper							
Use electronic document library for filing common documents	In Development				To investigate purchase of hardware required for electronic document storage.	2008	No End Date (Continuous)
Post materials online that were previously printed	Ongoing/In Progress	85	%	BCSTA and BCPSEA meeting agendas accessed via First Class rather than printing materials. Job postings as well as letters of acceptance are being streamlined and circulated via email.	No new initiatives at this time.	2009	No End Date (Continuous)
Behaviour change program							
Train staff to use collaborative software for electronic editing (e.g. SharePoint, Groove, etc.)	Ongoing/In Progress	100	% of staff currently have received collaborative software training	Continue to provide staff with First Class access and email accounts. Have completed training of all current staff on electronic timesheets.	To continue to train new staff and offer support to existing staff.	2009	No End Date (Continuous)
Encourage staff to hold paperless meetings or presentations (i.e., no handouts)	Ongoing/In Progress			No new actions taken in 2010.	Continue to train new employees and encourage existing employees to access the information we post on our First Class site for meetings, job postings and general correspondence.	2008	No End Date (Continuous)
Encourage re-use of scrap paper	Ongoing/In Progress			Continue to encourage reduction of paper use as well as re-use of existing paper products.	Continue to encourage re-use and recycling.	2008	No End Date (Continuous)

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Actions to Reduce Provincial Emissions and Improve Sustainability

The actions listed below contribute to a reduction in greenhouse gas emissions from sources that fall outside of the reporting requirements defined in the carbon neutral government regulation of the *Greenhouse Gas Reduction Targets Act*. Public sector organizations can optionally use this section to report on actions that will help British Columbia meet its provincial greenhouse gas reduction targets, engage the public, and improve environmental sustainability across all aspects of their organization.

Action	Status (as of 12/31/10)	Performance to Date (as of 12/31/10)		Steps Taken in 2010	Steps Planned for 2011 -2013	Start Year	End Year
Business Travel							
Virtual meeting technology							
Install web-conferencing software (e.g., Live Meeting, Elluminate, etc.)	Ongoing/In Progress	80	% of computers have web-conferencing software installed	All staff has access to web-conferencing software.	Investigating web conferencing hardware	2007	No End Date (Continuous)
Make desktop web-cameras available to staff	Ongoing/In Progress	0	% of staff have access to a desktop web-camera	Laptops have built in cameras	Investigating new ways of implementing this	2009	No End Date (Continuous)
Install video-conferencing units in meeting rooms or provide mobile video-conferencing units	In Development	0	% of meeting rooms have access to video-conferencing equipment		Investigating web conferencing hardware	2009	No End Date (Continuous)
Behaviour change program							
Train staff in web-conferencing	Ongoing/In Progress	10	% of staff are trained web-conferencing	Board Office staff trained along with the Administrative Officers.	As needed	2009	No End Date (Continuous)
Train staff in video-conferencing or provide technical support for video-conferencing set-up	Ongoing/In Progress			Board Office staff trained along with the Administrative Officers.	As needed	2009	No End Date (Continuous)
Encourage staff to consider virtual attendance/presentation at events where possible	Ongoing/In Progress			Board of Education participating in Elluminate meetings and training. Teaching Assistant training via Skype/Elluminate.	As needed	2009	No End Date (Continuous)
Encourage carpooling to meetings	Ongoing/In Progress			Teacher Professional Development - bus transportation provided. Teaching Assistant Professional development -- bus transportation provided as well as carpooling incentive.	As needed	2008	No End Date (Continuous)
Encourage alternative travel to meetings (e.g., bicycles, public transit, walking)	Ongoing/In Progress			Health School co-ordinator hired who provided education assessment tools.	Health School Coordinator is working on a Walk to School/Active Transportation initiative for students, and a participate in a "Walk to School" month in October. She also provides education and incentives to participate in a Staff Wellness Challenge along with SD's #8 and 20.	2009	No End Date (Continuous)
Education, Awareness, and Engagement							
Team-building							
Create Green, Sustainability, Energy Conservation, or Climate Action Teams with executive endorsement	Ongoing/In Progress			Execute committee developed in 2009 but did not meet in 2010. Several schools have teacher/student green teams	Schools without a green team have indicated this will be a priority in 2011, as well as a review of the District Accountability Contract Goal of sustainability at school Growth Plan planning day.	2009	No End Date (Continuous)
Provide resources and/or dedicated staff to support teams	In Development				No steps planned as of yet	2009	No End Date (Continuous)
Providing behaviour change education/training to teams (e.g., community-based social marketing)	Ongoing/In Progress			Speakers on 100 Mile Diet; Regional District recycling tips; pro-d events for teachers	Teachers will attend August 2011 pro-d sessions on how to improve sustainability.	2009	No End Date (Continuous)
Awards/Recognition							

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Action	Status (as of 12/31/10)	Performance to Date (as of 12/31/10)	Steps Taken in 2010	Steps Planned for 2011 -2013	Start Year	End Year
Establish a sustainability/green awards or recognition program	Ongoing/In Progress		Recognition rewards for green actions such as turning off lights, home programs adopted and picking up garbage for both the staff and students. Recycling workers are recognized at school awards assemblies.	Will continue same as last year.	2008	No End Date (Continuous)
Staff Professional Development						
Support green professional development (e.g., workshops, conferences, training)	Ongoing/In Progress		Teachers attended PITA Global Sustainability and Classroom Connection workshop in 2010; August Days Professional Development Sessions.	All teachers will be attending August 2011 Pro-D sessions to help identify three year school plan; they will participate in climate change and water conservation professional development as well as recycling/waste reduction pro-d and initiatives.	2009	No End Date (Continuous)
Staff awareness/education						
Provide education to staff about the science of climate change	In Development			All teachers will be attending August 2011 Pro-D sessions to help identify three year school plan; they will participate in climate change and water conservation professional development as well as recycling/waste reduction pro-d and initiatives.	2011	No End Date (Continuous)
Provide education to staff about the conservation of water, energy, and raw materials	Ongoing/In Progress		Heads-Up seminar in Vancouver, staff and students participated in "Turn out the Lights" awareness initiatives. Participated in Wild BC, the BC Green Games and the RiverWatch program.	Wild BC, participation in Reducing Noxious Weed program and increase usage of germination table and community garden in Midway and participate in the Lights Out program 2011.	2009	No End Date (Continuous)
Provide green tips on staff website or in newsletters	Ongoing/In Progress		Classroom news information sent to parents regarding what students were studying. Occasional newsletter tips such as reusing containers, suggestions for use of water bottles/plates, etc. Green posters displayed in schools.	Greentips through newsletters and websites; parents and students made aware of Wild BC website; nature trail information on school website.	2008	No End Date (Continuous)
Client/public awareness/education						
Provide education to clients/public about the science of climate change	Ongoing/In Progress		Pond studies and studied the harm from oil in water and the effects on frogs, insects and other wildlife. Looked at freshwater fish farms and their effects on ecosystems. Looked at the impact of car washes and the soapy water. Supersize me video to initiate conversation on health and wellness, and the effects of beef markets on the ecosystems.	Continue to current programs. Deepen education awareness in student curriculum regarding global warming effect on habitat and hybridization (eg. Grolar Bears (Grizzly and polar bear 2nd and 3rd generations)	2009	No End Date (Continuous)
Provide education to clients/public about the conservation of water, energy, and raw materials	Ongoing/In Progress		Students bringing recycling from home to use in projects along with their school recycling programs; Streams for Dreams - program to support awareness against polluting rivers; Reduce-reuse-recycle strategies taught; Curriculum related topics such as rain forest conservation (gr. 4-5), possible boycott of Nestle products due to oil spill; implemented Earth Day; community composting and garbage clean up; participation in "Turn out the Lights" awareness initiative; applied for a grant for solar hot water from Solar BC and installed the Solar Panels on November 17, 2010; entered the BC Green Games; took part in Wild BC, germination tables, the River Watch program, composting, phase 3 of nature trails, and a community garden; composting, and plant fundraisers.	Continue to encourage student green teams and identify additional recycling opportunities; participation in compost buckets at each school and/or worm composting; participate in weed awareness and extraction control; increased use of germination table; participation in community garden; apply for grants such as for photovoltaic solar through Solar BC and the Phoenix grant which supports community garden efforts with germination tables, tilling, cultivation, watering, weeding, harvesting and preserving crops; plans to open a school "Green" account for future initiatives; continue to participate in Phase 3 of nature trail, community gardens and the composting centres. Will be participating in the Lights Out Program April 2011, Wild BC, the River Watch program and participate in the BC Green Games.	2009	No End Date (Continuous)
Provide green tips on client/public website or in newsletters	Ongoing/In Progress		Newsletter/information sheets to parents to deepen what the students were learning at school. Greentips through newsletters or websites regarding waste-free lunches, reuse program - glass plates, cups, etc for hot lunches. Displayed posters and bulletins.	Greentips through school newsletters and websites, as well as through WildBC Website. Nature trail information shared on the school website.	2008	No End Date (Continuous)

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Action	Status (as of 12/31/10)	Performance to Date (as of 12/31/10)	Steps Taken in 2010	Steps Planned for 2011 -2013	Start Year	End Year
Other Education, Awareness, and Engagement Actions						
Applied for several grants.	Ongoing/In Progress		Several grants were applied for. In October 2010 they applied for the Solar Hot Water grant through Solar BC which was installed in November 2010. In December 2010 three schools applied for photovoltaic solar.	No new steps have been specified at this time.	2010	No End Date (Continuous)
Healthy School Assessment	Ongoing/In Progress		Several schools have participated in a Healthy School Assessment tool.	Have all schools participate in this evaluation process.	2010	No End Date (Continuous)
Other Sustainability Actions						
Water conservation						
Establish a water conservation strategy which includes a plan or policy for replacing water fixtures with efficient models	Ongoing/In Progress		Replaced toilets, sinks and faucets in auditorium washrooms at Grand Forks Secondary School.	Assess fixtures for efficiency.	2009	No End Date (Continuous)
Put in place a potable water management strategy to reduce potable water demand of building-level uses such as cooling tower equipment, toilet fixtures, etc. and landscape features	In Development			Installing sensor activated fixtures.	2009	No End Date (Continuous)
Waste reduction/diversion						
Put in place an operations policy to facilitate the reduction and diversion of building occupant waste from landfills or incineration facilities	Ongoing/In Progress		Maintained the recycle program throughout District.	Continued awareness and maintenance of the recycle program.	2003	No End Date (Continuous)
Implement a hazardous waste reduction and disposal strategy	Ongoing/In Progress		Nothing new in 2010	Continue to monitor and implement safe disposal.	2008	No End Date (Continuous)
Procurement (non-paper supplies)						
Implement sustainable purchasing program for cleaning products, disposable paper products and trash bags	Ongoing/In Progress		Replacing products with enviro-friendly alternatives where applicable. Paper supplies such as paper towel are made from recycled paper.	Continue to replace with enviro-friendly products	2008	No End Date (Continuous)
Require a minimum purchase of sustainable, and organic food and beverages supplied by contracted food suppliers or caterers	Ongoing/In Progress		Had guest speaker on 100 mile diet to be more conscious of where our food comes from. Almost all schools implement a BC Fruits and Vegetable Program. Used an eco-friendly ecompany, korufundraising, during one fundraiser.	Review Healthy Schools initiative in relation to sustainable and organic foods/beverages. Continue with the fruit and vegetable program through local farmers and orchards. Next phase of nature trail will involve a garden where they plan to produce their own vegetables.	2009	No End Date (Continuous)
Commuting to and from home						
Encourage commuting by foot, bicycle, carpool or public transit	Ongoing/In Progress		Hired a Health Schools Program Co-ordinator who implemented a walking/get fit program.	Under development is a policy to change the pick up and drop off of students to a location that would encourage increased activity. Bus routes are being assessed as some stops are in the stated acceptable walking distance from the schools.	2010	No End Date (Continuous)
Provide secure bicycle storage	Ongoing/In Progress		Every school has bike racks provided.	None	1995	No End Date (Continuous)