

Carbon Neutral Action Report School District No. 46 (Sunshine Coast)

Executive Summary

Our District is in the process of upgrading our lighting. We have received funding from PowerSmart and PSECA and this will start in May 2009. We are also putting our custodial supplies out for tender and changing to an all green product – this will happen July 2009. We have started a DDC Mechanical Controls upgrade to Chatelech Secondary and we will be doing Pender Harbour in July 2009. We have also have changed all of our DDC controls from modem dial up to internet.

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

1.1 Mobile Fuel Combustion

Action	Action Taken	Outcome/Performance Measure	Notes Clarifying Action Taken
Replaced # of TYPE OF VEHICLE with MORE EFFICIENT VEHICLE/Hybrid	In Progress		Replaced 3 full size vans with small pickups will replace more vehicles
Provided driver training to reduce fuel use	In Progress		
Initiated new fleet maintenance program (could include – changing filters, checking tire pressure, regular check-ups)	Complete		We have a regular PM program.
Established anti-idling behaviour change program (e.g. signs, stickers, messages)	In Progress		Ordering signs and stickers
Encouraged car pooling in fleet vehicles	In Progress		
Encouraged use of public transit/active transportation	In Progress		
Changed from gas to electric lawn maintenance equipment	In Progress		
Changed to manual lawn and yard maintenance equipment	In Progress		
Established travel reduction goals	In Progress		
Adopted a travel policy	Complete		Board has a policy in place

1.2 Stationary fuel combustion and electricity

Action	Action Taken	Outcome/Performance Measure	Notes Clarifying Action Taken
Undertaken workstation tune-ups to help staff understand what they can do to reduce personal energy use	Complete		
Supplied power bars – to turn off power to non-essential items when not in use (e.g. phone chargers)	In Progress		
Replaced # computers with EnergyStar models	Complete		All new equipment purchased meets standards
Asked staff to close blinds daily	In Progress		All blinds we have, will be closed
Used air dry setting on dishwashers	Complete		Memo went out to schools with dishwashers
Turned off lights in unused rooms	In Progress		

Replaced Refrigerators (EnergyStar rated appliance)	In Progress	Replace with new EnergyStar rate
Replaced other appliances (with EnergyStar rated appliance)	In Progress	Replace with new EnergyStar rate
Installed multi-function devices (and removed stand-alone printers/faxes)	In Progress	Changing our copier to one that will fax, scan and print
Replaced standard bulbs with CFLs	In Progress	As replaced with CFLs
Installed motion activated lights	In Progress	PowerSmart upgrade
Undertaken lighting retrofit	In Progress	PowerSmart upgrade to six schools
Utilized desk-top power management settings on computer	Complete	
Unplugged unused equipment	In Progress	
Applied for LEED existing building rating	In Progress	PowerSmart upgrade
Undertaken building energy audit at LOCATION(s)	In Progress	Lighting upgrade to Halfmoon Bay, West Sechelt, Chatelech, Roberts Creek, Elphinstone Schools
Initiated or completed a building energy retrofit	Complete	Chatelech Secondary Controls to the DDC

1.3 Supplies

Action	Action Taken	Outcome/Performance Measure	Notes Clarifying Action Taken
Re-used non-confidential scrap paper	complete		
Restructured a process to use less paper	In Progress		We have put in cardboard containers at each school
Chose "Green" items from Distribution Centre	In Progress		We are tendering out our Custodial supplies and changing to Green products
Encouraged re-use of furniture and equipment	complete		We have extra furniture stored and available for all sites

1.4 Travel

Action	Action Taken	Outcome/Performance Measure	Notes Clarifying Action Taken
Supported alternative travel (bike/skateboard/walk/transit) for meetings	In Progress		We are telephone conferencing

1.5 Sustainability Actions (others)

Action	Action Taken	Outcome/Performance Measure	Notes Clarifying Action Taken
Took water conservation measures – low flow showers or toilets, fix leaks	In Progress		Changing our toilets and showers to low flow
Ran dishwasher only when full	complete		Ongoing for some time
Improved recycling measures	In Progress		Cardboard containers at each school for bottles and cans
Purchased green cleaning products	In Progress		Tendering out custodial supplies
Used green (low-e paints)	Complete		All we use are Green low-c paints

Part 2: Plans to Continue Reducing Greenhouse Gas Emissions 2009 -- 2011

2.1 Stationary Fuel Combustion (including electricity)

Action	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	In Progress			
Replace # computers with EnergyStar models	In Progress			
Replace Refrigerators (EnergyStar rated appliance)	In Progress	As replacements occur		
Install multi-function devices (and remove stand-alone printers/faxes)	In Progress			
Utilize desk-top power management settings on computer	In Progress			
Initiate corporate computer shut-down/wake-up for maintenance	In Progress			

2.2 Supplies

Action	Action Planned	Outcome/Performance Measure	Notes Clarifying Action Taken	Timeframe
Commit to use 30% recycled paper	in progress		Memo to all school sites	
Change document template margins	in progress		Memo to all sites	
Restructure a process to use less paper	in progress		Moving to more e-communication	
Choose "Green" items from Distribution Centre	in progress		Memo to all sites	

2.3 Employee Engagement

Action	Action Planned	Outcome/Performance Measure	Notes Clarifying Action Taken	Timeframe
Provide conservation education	in progress		Included in Board policy	