

## Carbon Neutral Action Report School District No. 50 (Haida Gwaii/ Queen Charlotte)

### Executive Summary

School District 50 has focussed its efforts mainly on its physical plan. In the past three years we have involved students in reducing energy consumption in our schools with BC Hydro's assistance, upgraded the HVAC systems at several schools (including an entirely new school in Port Clements). We are now setting out five year plans for reducing vehicle fuel consumption, replacing lighting systems, and so on in an effort to reduce energy use. Our greatest challenge lies in the area of travel, as we are so remote that we have yet to determine what are realistic and attainable goals in reducing our on and off island travel.

### Objectives

Increase staff and student awareness of our positive role in reducing energy consumption and waste. We can improve our islands and planet by working together!

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

### Overview

Replaced Heating System at Tahayghen Elementary, upgraded boilers at GMD Secondary, complete replacement of facility at Port Clements Elementary. These should lead to substantial reductions in fuel consumption, heating costs, etc.

### 1.1 Mobile Fuel Combustion

Electric and hybrid vehicles are not viable options in our highly rural district due to the distances involved in travel and the lack of support facilities on island. We are currently arranging the allowance for staff members to ride school buses to work to reduce private vehicle traffic.

Action	Action Taken	Outcome/Performance Measure	Notes Clarifying Action Taken
Replaced # of TYPE OF VEHICLE with MORE EFFICIENT VEHICLE/Hybrid	In progress		replace current leased vehicles with more energy efficient models when leases come due.
Encouraged car pooling in fleet vehicles	In progress		Car pool to meetings
Established travel reduction goals	In progress		use conference calls for 1/2 of the Principals meetings

## 1.2 Stationary fuel combustion and electricity

Action	Action Taken	Outcome/Performance Measure	Notes Clarifying Action Taken
Installed motion activated lights	In progress		New building at Port Clements has motion activated lights
Other	Completed		Installed a new energy efficient boils in Tahayghen Elementary to reduce fuel costs
Other	Completed		Replacement of old school build for 250 students with multiplex with three classrooms.

## 1.3 Supplies

Action	Action Taken	Outcome/Performance Measure	Notes Clarifying Action Taken
Committed to use 30% recycled paper	in progress		The District office purchases paper for the District and used recycled paper
Committed to hold paperless meetings	In progress		Board meeting agendas are sent on line and available on the website for members of the public
Used collaborative software to edit on-line	In progress		use of email for pay statements and the use of direct deposit for payroll as well as direct to suppliers. Reduced the number of actual cheques printed for accounts payable,
Used laptops/tablets	In progress		Trustees are given laptop computers to connect with the Board and use at meetings

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

<b>Overview</b>	One more of our schools is under review for a new heating system and/or complete replacement. These plans will be finalised in the 09/10 school year.		
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## 2.1 Mobile Fuel Combustion

Hybrid Vehicles are not presently a viable option for our rural and remote district. This will be reviewed as the technology improves in the coming years. However, all vehicles in our fleet will be replaced with more efficient vehicles as their leases expire.

Action	Action Planned	Outcome/Performance Measure	Notes Clarifying Action Taken	Timeframe
Replace # of TYPE OF VEHICLE with MORE EFFICIENT VEHICLE/Hybrid	in progress		cancellation of inefficient bus run	

## 2.2 Stationary Fuel Combustion (including electricity)

Action	Action Planned	Outcome/Performance Measure	Notes Clarifying Action Taken	Timeframe
Replace # computers with EnergyStar models	In Progress		Approx 10 computers/year, include monitors	on going

## 2.3 Supplies

Action	Action Planned	Outcome/Performance Measure	Notes Clarifying Action Taken	Timeframe
Commit to use 30% recycled paper	In progress			
Develop document library (online and one printed copy) for large documents	in progress			
Re-use non-confidential scrap paper	in progress			
Use laptops/tablets	in progress			
Restructure a process to use less paper	in progress			

## 2.4. Travel

Action	Action Planned	Outcome/Performance Measure	Notes Clarifying Action Taken	Timeframe
Mandate car pooling to government meetings	in progress			
Phone meetings	in progress			