# Carbon Neutral Action Report School District No. 91 (Nechako Lakes)

#### **Executive Summary**

School District No. 91 (Nechako Lakes) has been contributing towards carbon neutrality for a number of years by actively investing in equipment and lighting retrofits and working with employees and building occupants to reduce energy consumption. Prior to 2008, we have completed many retrofits to our building systems to improve overall systems performance and reduce energy consumption. In conjunction with BC Hydro, we have worked with our employees and students to create awareness in our schools.

The district is replacing our older fleet vehicles with more efficient vehicles and we continue to use sustainable products for cleaning and building maintenance. Our transportation department is actively working to implement anti-idling and driver training programs. We also completed lighting and mechanical audits at a number of locations and developed plans to complete lighting and mechanical retrofits at a number of our schools. We continue to seek out grants through PSECA and other partners including the Ministry of Education to secure funds which allow us to upgrade our physical plants.

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

#### Overview

In the time period January 1, 2008 to December 31, 2008 School District No. 91 has undertaken the following initiatives to reduce GHG emissions:

- In half of the District we have completed an energy audit and feasibility study to define energy saving opportunities and funding options,
- Applied for PSECA grants,
- Installed high efficiency furnaces when replacing units
- Enhancing DDC controls
- Expansion of occupancy sensors for lighting
- Continued upgrading to T-8 fluorescent lights
- Implemented more frequent maintenance of heating systems to ensure efficient operation
- Increased roofing insulation at time of roofing replacements
- Working as a "Power Smart" partner with BC Hydro

## 1.1 Mobile Fuel Combustion

- Retrofitting of school buses for emission reduction
- NRCAN "Smart Driver" training for school bus drivers
- Introduced anti-idling practices for school buses
- Established monitoring program for school bus fuel consumption
- Individual schools have introduced, waste reduction, recycling, composting programs.
- Car pooling when travelling in the district
- More frequent use of telephone or video conferencing

Action	Action Taken	Outcome/Performance Measure	Notes Clarifying Action Taken
Replaced 4 VEHICLES with MORE EFFICIENT VEHICLE/Hybrid	In Progress	Replaced four high use fleet vehicles with more fuel efficient vehicles and are disposing of four high mileage/mtce vehicles.	
Provided driver training to reduce fuel use	In Progress	School bus transportation department has certified four drivers to train the rest of the District with the NRCAN "Smart Driver" program	

June 30, 2009

Established unti-liding phenaviour change program (e.g., syrs, sitckers, messages)   In Progress shell in				
In Progress   School bus transportation department has implemented an anti-citing treatwise. Signage is being installed at areas where fumes may be drawn in by HVAC systems.	Fleet maintenance program (could include – changing filters, checking fire pressure, regular check-ups)	Complete		
implemented an anti-idiling practice. Signage is being intolled at areas where fumes may be dirawn in by MVAC systems.  Fincuraged car pooling in fleet vehicles  In Progress  Employees regularly car pool from one area of the district to another.  In Progress  Employees regularly car pool from one area of the district to another.  In Progress  Employees regularly car pool from one area of the district to another.  In Progress  Employees regularly car pool from one area of the district to another.  In Progress  Action  Action Taken  Outcome/Performance Measure  Notes Clarifying Action Taken  Notes Clarifying Action				
in progress being installed at areas where furmes may be drawn in by HAS systems.  In Progress Empower regularly ray pool from one area of the district to another.  Installed a mission controls  In Progress Industrial International In		In Progress	School bus transportation department has	
In Progress Encouraged car pooling in fleet vehicles In Progress Encouraged car pooling in fleet vehicles In Progress Encouraged car pooling in fleet vehicles In Progress In I	signs, stickers, messages)		implemented an anti-idling practice. Signage is	
Employees regularly car pool from one area of the district to another.  Installation of emission reducing converters on diesel buses.  1.2 Stationary fuel combustion and electricity  Action Action Taken Regissed of computers with EnergyStar models  In Progress  Regissed of computer state of the another of the			being installed at areas where fumes may be	
the district to another.  In Progress Installation of emission reducing converters on discised buses.  In Progress Installation of emission reducing converters on discised buses.  Action Action Action Taken Replaced Fromputers with EnergyStar models In Progress New computers purchased are Energy Star rated.  Replaced other appliances (with EnergyStar models In Progress)  In Progress New computers purchased are Energy Star rated.  Replaced other appliances (with EnergyStar rated appliance)  In Progress Includes appliance purchased are Energy Star rated.  Includes an appliance progress In Progress  Includes appliance progress In Progress  Includes appliance progress In Progress  Includes appliance progress In Progress  Individual appliance progress In Progress Individual applied for grants for retrofits and are individual ap			drawn in by HVAC systems.	
Installation of emission reducing converters on diesel buses.  1.2 Stationary fuel combustion and electricity Action Action Taken New computers with EnergyStar models in Progress Provided in Progress Provided P	Encouraged car pooling in fleet vehicles	In Progress	Employees regularly car pool from one area of	
diesel buses.  Notes Clarifying Action Taken  progress de re Energy Star rated.  diesel de notion activated lights  in Progress de popularity rerolt  indicated opporate computer shut-down/wake-up for maintenance  undertaken building energy audit at LOCATION(s)  Complete  indicated opporate computer shut-down/wake-up for maintenance  undertaken building energy audit at LOCATION(s)  Complete  indicated opporate computer shut-down/wake-up for maintenance  undertaken building energy audit at LOCATION(s)  Complete  indicated or completed a building energy retrolit  in Progress  School retrofitted with Hi-efficiency furnaces.  1.3 Supplies  Action  Action Taken  Progress de Complete  Total Paper 80% recycled  Complete  Video Conferencing facilities  Complete  Video Conferencing facilities  Complete  Video Conferencing facilities  Complete  Video Conferencing facilities  Complete  Video Conferencing is available in the district and usage is increasing.  1.5 Employee Engagement  Action  Action Taken  Provided dimate change education  In Progress  Provided orienversation education  In Progress  Provided orienversation education  In Progress  Provided orienversation education  In Progress  Acquiring an Energy Star rated.  Dutcome/Performance Measure  Notes Clarifying Action Taken  Notes Clarifying Action Taken  Notes Clarifying Action Taken  Provided orienversation education  In Progress  In Cluding green info in quarterly newsletter to district.  Supported professional development  Provided conservation education  In Progress  Acquiring an Energy Manager paid by BC Hydro.			the district to another.	
1.2 Stationary fuel combustion and electricity Action Action Action Action Taken Notes Clarifying Action Taken Notes Clarifyin	Installed emission controls	In Progress	Installation of emission reducing converters on	
Action Action Action Taken Replaced # Computers with EnergyStar models In Progress Replaced other appliances (with EnergyStar rated publishing) Installed motion activated lights Installed composite computer shut-down/wake-up for mathemance Undertaken lighting retroit Initiated corporate computer shut-down/wake-up for mathemance Undertaken lighting retroit In Progress Exploring software options In Progress Undertaken lighting retroit In Progress Exploring software options In Progress			diesel buses.	
New computers with EnergyStar models   In Progress   New computers purchased are Energy Star rated.	1.2 Stationary fuel combustion and elec	tricity		
rated.  All new appliances purchased are Energy Star rated appliances of the reposition of the reposit	Action	Action Taken	Outcome/Performance Measure	Notes Clarifying Action Taken
Replaced other appliances (with EnergyStar rated appliances) In Progress proplace or progress proplace or progress progress in Progress progress progress or progress initiated corporate computer shut-down/wake-up for maintenance initiated corporate computer shut-down/wake-up for maintenance initiated corporate computer shut-down/wake-up for maintenance initiated corporate and building energy audit at LOCATION(s) Complete Energy audit somplete at 13 locations. Have applied for grants for retrofits and are initiated or completed a building energy retrofit in Progress School retrofitted with Hi-efficiency furnaces.  1.3 Supplies  Action Action Taken Outcome/Performance Measure Notes Clarifying Action Taken Paper Towel 100% recycled Complete Complete Video Conferencing is available in the district and usage is increasing.  1.4 Travel  Action Action Taken Outcome/Performance Measure Notes Clarifying Action Taken Installed Video Conferencing facilities Video Conferencing is available in the district and usage is increasing.  1.5 Employee Engagement  Action Action Taken Outcome/Performance Measure Notes Clarifying Action Taken In Progress Rey personnel participated in "Sustainable Schools Forum"  Provided conservation education In Progress Rey personnel participated in "Sustainable Schools Forum"  Provided green tips  In Progress Acquiring an Energy Manager paid by BC Hydro.  1.6 Sustainability Actions (others)  Action Action Taken Outcome/Performance Measure Notes Clarifying Action Taken Provided conservation education In Progress Acquiring an Energy Manager paid by BC Hydro.  Action Action Action Taken Outcome/Performance Measure Notes Clarifying Action Taken Provided Conservation Measure Notes Clarifying Action Taken Not	Replaced # computers with EnergyStar models	In Progress	New computers purchased are Energy Star	
Installed motion activated lights In Progress Initiated corporate computer shul-down/wake-up for maintenance Initiated or completed a building energy retrofit In Progress Exploring software options  In Progress Exploring software options  Energy audits complete at 13 locations. Have applied for grants for retrofits and are  Initiated or completed a building energy retrofit In Progress School retrofitted with Hi-efficiency furnaces.  1.3 Supplies  Action Action Taken Outcome/Performance Measure Notes Clarifying Action Taken  Paper Towel 100% recycled Complete  1.4 Travel  Action Action Taken Complete  Video conferencing is available in the district and usage is increasing.  1.5 Employee Engagement  Action Action Taken Outcome/Performance Measure Notes Clarifying Action Taken  In Progress Rey personnel participated in "Sustainable Schools Forum"  Provided conservation aducation In Progress Provided groen lips In Progress Including green info in quarterly newsletter to district.  Supported professional development In Progress Acquiring an Energy Manager paid by BC Hydro.  1.6 Sustainability Actions (others)  Action Action Taken Outcome/Performance Measure Notes Clarifying Action Taken Provided groen lips In Progress Acquiring an Energy Manager paid by BC Hydro.  1.6 Sustainability Actions (others)  Action Action Taken Outcome/Performance Measure Notes Clarifying Action Taken Notes Clarif			rated.	
Installed motion activated lights In Progress Undertaken lighting retorit In Progress Undertaken lighting retorit In Progress Undertaken lighting retorit In Progress Undertaken building energy audit at LOCATION(s) Undertaken building energy retrofit In Progress School retrofitted with Hi-efficiency furnaces.  1.3 Supplies Action Action Action Taken Paper Towel 100% recycled Complete Undertaken 100% recycled with Hi-efficiency furnaces.  Notes Clarifying Action Taken Votes C	Replaced other appliances (with EnergyStar rated	In Progress	All new appliances purchased are Energy Star	
Undertaken lighting retrofit In Progress Initiated corporate computer shut-down/wake-up for maintenance Undertaken building energy audit at LOCATION(s) Complete Energy audits complete at 13 locations. Have applied for grants for retrofits and are Initiated or completed a building energy retrofit In Progress School retrofitted with Hi-efficiency furnaces.  1.3 Supplies Action Action Taken Outcome/Performance Measure Notes Clarifying Action Taken Outcome/Performance Measure Notes Clarifying Action Taken Outcome/Performance Measure Notes Clarifying Action Taken Installed Video Conferencing is available in the district and usage is increasing.  1.5 Employee Engagement Action Action Action Taken Outcome/Performance Measure Video conferencing is available in the district and usage is increasing.  1.5 Employee Engagement Action Action Action Taken Provided climate change education In Progress Key personnel participated in "Sustainable Schools Forum" Provided conservation education In Progress In Progress In Induding green info in quarterly newsletter to district.  Supported professional development In Progress Acquiring an Energy Manager paid by BC Hydro.  1.6 Sustainability Actions (others) Action Action Action Taken In Progress Replacing flush tanks on toilets and usage is uncreasing.  Outcome/Performance Measure Notes Clarifying Action Taken Notes Clarifying Action Ta	appliance)		rated.	
Understaken lighting retrofit   In Progress   In Progress   Exploring software options   In Progress   In Pr	Installed motion activated lights	In Progress		
In Progress Exploring software options  maintenance  Undertaken building energy audit at LOCATION(s)	Undertaken lighting retrofit			
Undertaken building energy audit at LOCATION(s)  Complete Energy audits complete at 13 locations. Have applied for grants for retrofits and are  Initiated or completed a building energy retrofit In Progress School retrofitted with Hi-efficiency furnaces.  Notes Clarifying Action Taken  Notes Clarifying Action Taken  Outcome/Performance Measure Notes Clarifying Action Taken  In Progress Key personnel participated in "Sustainable Schools Forum"  Provided conservation education In Progress In Progress Including green info in quarterly newsletter to district.  Supported professional development In Progress Acquiring an Energy Manager paid by BC Hydro.  Notes Clarifying Action Taken Outcome/Performance Measure Notes Clarifying Action Taken		In Progress	Exploring software options	
Initiated or completed a building energy retrofit  In Progress  School retrofitted with Hi-efficiency furnaces.  1.3 Supplies  Action Action Action Taken Outcome/Performance Measure Notes Clarifying Action Taken Outcome/Performance Measure Notes Clarifying Action Taken Outcome/Performance Measure  1.4 Travel  Action Action Taken Outcome/Performance Measure Notes Clarifying Action Taken Notes Clarifying Action Taken Notes Clarifying Action Taken Outcome/Performance Measure Notes Clarifying Action Taken				
In Progress School retrofitted with Hi-efficiency furnaces.    School retrofitted with Hi-efficiency furnaces.	Undertaken building energy audit at LOCATION(s)	Complete	•	
1.3 Supplies Action Action Taken Complete Toilet Paper Towel 100% recycled Complete Toilet Paper 80% recycled Complete Token 80% recycled 10% recy			applied for grants for retrofits and are	
Action Taken Outcome/Performance Measure Notes Clarifying Action Taken Paper Towel 100% recycled Complete  1.4 Travel  Action Action Taken Outcome/Performance Measure Notes Clarifying Action Taken Installed Video Conferencing facilities Complete Video conferencing is available in the district and usage is increasing.  1.5 Employee Engagement  Action Action Taken Outcome/Performance Measure Notes Clarifying Action Taken  In Progress Key personnel participated in "Sustainable Schools Forum"  Provided coinservation education In Progress Including green info in quarterly newsletter to district.  Supported professional development In Progress Acquiring an Energy Manager paid by BC Hydro.  1.6 Sustainability Actions (others)  Action Action Taken Outcome/Performance Measure Notes Clarifying Action Taken  Provided Green tips In Progress In Progress Power Smart partner with BC Hydro Outcome/Performance Measure Notes Clarifying Action Taken  Provided Green tips Acquiring an Energy Manager paid by BC Hydro.  Supported professional development In Progress Acquiring an Energy Manager paid by BC Hydro.  Replacing flush tanks on toilets and urinals with motion activated valves.	Initiated or completed a building energy retrofit	In Progress	School retrofitted with Hi-efficiency furnaces.	
Action Taken Outcome/Performance Measure Notes Clarifying Action Taken Paper Towel 100% recycled Complete  1.4 Travel  Action Action Taken Outcome/Performance Measure Notes Clarifying Action Taken Installed Video Conferencing facilities Complete Video conferencing is available in the district and usage is increasing.  1.5 Employee Engagement  Action Action Taken Outcome/Performance Measure Notes Clarifying Action Taken  In Progress Key personnel participated in "Sustainable Schools Forum"  Provided coinservation education In Progress Including green info in quarterly newsletter to district.  Supported professional development In Progress Acquiring an Energy Manager paid by BC Hydro.  1.6 Sustainability Actions (others)  Action Action Taken Outcome/Performance Measure Notes Clarifying Action Taken  Provided Green tips In Progress In Progress Power Smart partner with BC Hydro Outcome/Performance Measure Notes Clarifying Action Taken  Provided Green tips Acquiring an Energy Manager paid by BC Hydro.  Supported professional development In Progress Acquiring an Energy Manager paid by BC Hydro.  Replacing flush tanks on toilets and urinals with motion activated valves.	1.3 Supplies			
Paper Towel 100% recycled Complete  Toilet Paper 80% recycled Complete  1.4 Travel  Action Action Action Taken Outcome/Performance Measure Notes Clarifying Action Taken Installed Video Conferencing facilities Complete Video conferencing is available in the district and usage is increasing.  1.5 Employee Engagement  Action Action Action Taken Outcome/Performance Measure Notes Clarifying Action Taken  In Progress Key personnel participated in "Sustainable Schools Forum"  Provided conservation education In Progress Including green info in quarterly newsletter to district.  Supported professional development In Progress Acquiring an Energy Manager paid by BC Hydro.  1.6 Sustainability Actions (others)  Action Action Taken Outcome/Performance Measure Notes Clarifying Action Taken		Action Taken	Outcome/Performance Measure	Notes Clarifying Action Taken
1.4 Travel  Action Action Taken Outcome/Performance Measure Notes Clarifying Action Taken Installed Video Conferencing facilities Complete Video conferencing is available in the district and usage is increasing.  1.5 Employee Engagement  Action Action Taken Outcome/Performance Measure Notes Clarifying Action Taken Provided climate change education In Progress Key personnel participated in "Sustainable Schools Forum"  Provided conservation education In Progress Including green info in quarterly newsletter to district.  Supported professional development In Progress Acquiring an Energy Manager paid by BC Hydro.  1.6 Sustainability Actions (others)  Action Action Taken Outcome/Performance Measure Notes Clarifying Action Taken  Notes Clarifying Action Taken Outcome/Performance Measure Notes Clarifying Action Taken  Notes Clarifying Action Taken Notes Clarifying Action Taken  Notes Clarifying Action Taken Notes Clarifying Action Taken Notes Clarifying Action Taken  Replacing flush tanks on toilets and urinals with motion activated valves.	Paper Towel 100% recycled	Complete	·	
Action Action Action Taken Video Conferencing facilities Complete Video Conferencing is available in the district and usage is increasing.  1.5 Employee Engagement  Action Action Taken Outcome/Performance Measure Notes Clarifying Action Taken Provided climate change education In Progress Key personnel participated in "Sustainable Schools Forum"  Provided green tips In Progress Including green info in quarterly newsletter to district.  Supported professional development In Progress Acquiring an Energy Manager paid by BC Hydro.  1.6 Sustainability Actions (others)  Action Action Taken Outcome/Performance Measure Notes Clarifying Action Taken  Notes Clarifying Action Taken Notes Clarifying Action Taken Notes Clarifying Action Taken Notes Clarifying Action Taken Notes Clarifying Action Taken Notes Clarifying Action Taken Notes Clarifying Action Taken Notes Clarifying Action Taken Notes Clarifying Action Taken Notes Clarifying Action Taken Notes Clarifying Action Taken Notes Clarifying Action Taken Notes Clarifying Action Taken Notes Clarifying Action Taken Notes Clarifying Action Taken Notes Clarifying Action Taken Notes Clarifying Action Taken	Toilet Paper 80% recycled	Complete		
Installed Video Conferencing facilities  Complete  Video conferencing is available in the district and usage is increasing.  1.5 Employee Engagement  Action  Action Taken  Outcome/Performance Measure  Notes Clarifying Action Taken  Notes Clarifying Action Taken  In Progress  Key personnel participated in "Sustainable Schools Forum"  Provided conservation education  In Progress  In Progress  In Progress  In Progress  In Progress  Acquiring an Energy Manager paid by BC Hydro.  1.6 Sustainability Actions (others)  Action  Action Taken  Outcome/Performance Measure  Notes Clarifying Action Taken	1.4 Travel			
Installed Video Conferencing facilities  Complete  Video conferencing is available in the district and usage is increasing.  1.5 Employee Engagement  Action  Action Taken  Outcome/Performance Measure  Notes Clarifying Action Taken  Notes Clarifying Action Taken  In Progress  Key personnel participated in "Sustainable Schools Forum"  Provided conservation education  In Progress  In Progress  In Progress  In Progress  In Progress  Acquiring an Energy Manager paid by BC Hydro.  1.6 Sustainability Actions (others)  Action  Action Taken  Outcome/Performance Measure  Notes Clarifying Action Taken	Action	Action Taken	Outcome/Performance Measure	Notes Clarifying Action Taken
Action Action Taken Outcome/Performance Measure Notes Clarifying Action Taken Provided climate change education In Progress Key personnel participated in "Sustainable Schools Forum" Provided conservation education In Progress Including green info in quarterly newsletter to district. Supported professional development In Progress Acquiring an Energy Manager paid by BC Hydro.  1.6 Sustainability Actions (others) Action Action Taken Outcome/Performance Measure Notes Clarifying Action Taken Took water conservation measures – low flow showers or tollets, fix leaks  Outcome/Performance Measure Notes Clarifying Action Taken Meplacing flush tanks on toilets and urinals with motion activated valves.	Installed Video Conferencing facilities			
Action Action Action Taken Outcome/Performance Measure Notes Clarifying Action Taken  Provided climate change education In Progress Key personnel participated in "Sustainable Schools Forum"  Provided conservation education In Progress Including green info in quarterly newsletter to district.  Supported professional development In Progress Acquiring an Energy Manager paid by BC Hydro.  1.6 Sustainability Actions (others)  Action Action Taken Outcome/Performance Measure Notes Clarifying Action Taken  Took water conservation measures – low flow showers or tollets, fix leaks  Notes Clarifying Action Taken		,	•	
Action Taken  Provided climate change education  In Progress  Key personnel participated in "Sustainable Schools Forum"  Provided conservation education  In Progress  Acquiring an Energy Manager paid by BC Hydro.  1.6 Sustainability Actions (others)  Action  Action Taken  Outcome/Performance Measure  Notes Clarifying Action Taken  Replacing flush tanks on toilets and urinals with motion activated valves.	1.5 Employee Engagement		<u> </u>	
Provided climate change education  In Progress  Key personnel participated in "Sustainable Schools Forum"  Provided conservation education  In Progress  In Progress  In Progress  In Cluding green info in quarterly newsletter to district.  Supported professional development  Power Smart partner with BC Hydro  In Progress  Acquiring an Energy Manager paid by BC Hydro.  1.6 Sustainability Actions (others)  Action  Action Taken  Took water conservation measures – low flow showers or toilets, fix leaks  In Progress  Key personnel participated in "Sustainable Sustainable Schools Forum"  Schools Forum"  In Progress  Acquiring green info in quarterly newsletter to district.  Acquiring an Energy Manager paid by BC Hydro.  Notes Clarifying Action Taken  Replacing flush tanks on toilets and urinals with motion activated valves.		Action Taken	Outcome/Performance Measure	Notes Clarifying Action Taken
Schools Forum"  Provided conservation education  Provided green tips  In Progress  Including green info in quarterly newsletter to district.  Supported professional development  In Progress  Power Smart partner with BC Hydro  In Progress  Acquiring an Energy Manager paid by BC Hydro.  1.6 Sustainability Actions (others)  Action  Action Taken  Outcome/Performance Measure  Notes Clarifying Action Taken  Took water conservation measures – low flow showers or toilets, fix leaks  Notes Clarifying Action Taken  Replacing flush tanks on toilets and urinals with motion activated valves.				
Provided green tips In Progress Including green info in quarterly newsletter to district.  Supported professional development In Progress Power Smart partner with BC Hydro In Progress Acquiring an Energy Manager paid by BC Hydro.  1.6 Sustainability Actions (others)  Action Action Taken Outcome/Performance Measure Took water conservation measures – low flow showers or toilets, fix leaks Notes Clarifying Action Taken Replacing flush tanks on toilets and urinals with motion activated valves.		30 333		
Provided green tips In Progress Including green info in quarterly newsletter to district.  Supported professional development In Progress  Power Smart partner with BC Hydro In Progress Acquiring an Energy Manager paid by BC Hydro.  1.6 Sustainability Actions (others)  Action Action Taken Outcome/Performance Measure Notes Clarifying Action Taken  Took water conservation measures – low flow showers or toilets, fix leaks  Replacing flush tanks on toilets and urinals with motion activated valves.	Provided conservation education	In Progress		
district.  Supported professional development In Progress  Power Smart partner with BC Hydro In Progress Acquiring an Energy Manager paid by BC Hydro.  1.6 Sustainability Actions (others)  Action Action Action Taken Outcome/Performance Measure Notes Clarifying Action Taken  Took water conservation measures – low flow showers or toilets, fix leaks  Replacing flush tanks on toilets and urinals with motion activated valves.	Provided green tips	-	Including green info in quarterly newsletter to	
Supported professional development In Progress Power Smart partner with BC Hydro In Progress Acquiring an Energy Manager paid by BC Hydro.  1.6 Sustainability Actions (others)  Action Action Taken Outcome/Performance Measure Notes Clarifying Action Taken  Took water conservation measures – low flow showers or toilets, fix leaks  To Progress Replacing flush tanks on toilets and urinals with motion activated valves.		-6		
Power Smart partner with BC Hydro  In Progress Acquiring an Energy Manager paid by BC Hydro.  1.6 Sustainability Actions (others)  Action  Action Taken Outcome/Performance Measure Took water conservation measures – low flow showers or toilets, fix leaks  Notes Clarifying Action Taken Replacing flush tanks on toilets and urinals with motion activated valves.	Supported professional development	In Progress		
Action Action Taken Outcome/Performance Measure Notes Clarifying Action Taken  Took water conservation measures – low flow showers or toilets, fix leaks  In Progress Replacing flush tanks on toilets and urinals with motion activated valves.	Power Smart partner with BC Hydro	-	Acquiring an Energy Manager paid by BC Hydro.	
Action Action Taken Outcome/Performance Measure Notes Clarifying Action Taken  Took water conservation measures – low flow showers or toilets, fix leaks  In Progress Replacing flush tanks on toilets and urinals with motion activated valves.	1.6 Sustainability Actions (others)			
Took water conservation measures – low flow showers or toilets, fix leaks  In Progress Replacing flush tanks on toilets and urinals with motion activated valves.		Action Taken	Outcome/Performance Measure	Notes Clarifying Action Taken
toilets, fix leaks motion activated valves.			-	
Purchased green cleaning products In Progress Transitioning to Enviro safe products.		1111061633		
	Durchasad groop algoning products	In Progress	Transitioning to Enviro safe products	

June 30, 2009

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

#### **Overview**

School District No. 91 (Nechako Lakes) has completed an energy audit and feasibility study for 13 of its 30 facilities. PSECA grant applications have been submitted and a plan to move forward will be finalized once the grants have been awarded. The remaining facilities are scheduled for an audit next fall. Working as a "Power Smart Partner" with BC Hydro we are developing an energy policy and will expand to introduce energy saving initiatives over the coming months. As part of this program we will be hiring an energy manger to help facilitate this. Initiatives will include both physical plant and cultural/educational programs.

## 2.1 Mobile Fuel Combustion

Replacement of fleet vehicles and maintenance equipment will include higher fuel economy and lower emissions. We are using both video and teleconferencing more frequently.

Action	Action Planned	Outcome/Performance Measure	Notes Clarifying Action Taken	Timeframe
Provide driver training to reduce fuel use	In Progress	"Smart Driver" training will be made available to		
		all district staff after all the bus drivers have		
		been trained.		
Initiate new fleet maintenance program (could include –	In Progress	Plan to develop a more comprehensive vehicle		
changing filters, checking tire pressure, regular check-		maintenance standard for fleet vehicles during		
ups)		regular tune-ups.		
Establish anti-idling behaviour change program (e.g.	In Progress	Part of Smart Driver program.		

# 2.2 Stationary Fuel Combustion (including electricity)

	5 77			
Action	Action Planned	Outcome/Performance Measure	Notes Clarifying Action Taken	Timeframe
Turn off lights in unused rooms	In Progress	Power Smart educational planning.		
Replace Refrigerators (EnergyStar rated appliance)	In Progress		Also recycle old unit.	
Replace other appliances (with EnergyStar rated appliance)	In Progress		Also recycle old unit.	
Install motion activated lights	In Progress	Planned retrofits.		
Undertake lighting retrofit	In Progress			

## 2.3 Supplies

Set a Travel reduction goal

Action

Commit to hold paperless meetings	In Progress			6 - 12 months
2.4 Travel				
Action	Action Planned	Outcome/Performance Measure	Notes Clarifying Action Taken	Timeframe

Action Planned Outcome/Performance Measure

In Progress

2.5 Employee Engagement				
Action	Action Planned	Outcome/Performance Measure	Notes Clarifying Action Taken	Timeframe
Provide climate change education	in progress		Part of "Power Smart" program	12-36 months
Provide conservation education	in progress		Part of "Power Smart" program	12-36 months
Hold contests to change behaviour/make pledge	in progress		Part of "Power Smart" program	12-36 months
Hold contests/support to generate ideas	in progress		Part of "Power Smart" program	12-36 months
Develop Green Teams	in progress		Part of "Power Smart" program	12-36 months
Support Green Teams (resources)	in progress		Part of "Power Smart" program	12-36 months
Provide green tips	in progress		Part of "Power Smart" program	12-36 months
Support professional development	in progress		Part of "Power Smart" program	12-36 months
Add a green work goal to performance management	in progress		Part of "Power Smart" program	12-36 months
2.6 Sustainability Actions (others)				
Action	Action Planned	Outcome/Performance Measure	Notes Clarifying Action Taken	Timeframe

Action		Action Planned	Outcome/Performance Measure	Notes Clarifying Action Taken	Timeframe
Take water conservation measures – low flow showers or toilets, fix leaks	in progress	Replace flush tanks with motion activated		1-5 years	
		valves.			

June 30, 2009 3

**Notes Clarifying Action Taken** 

Timeframe

6 - 12 months