

## CNAR OVERVIEW – SCHOOL DISTRICT 72 (CAMPBELL RIVER)

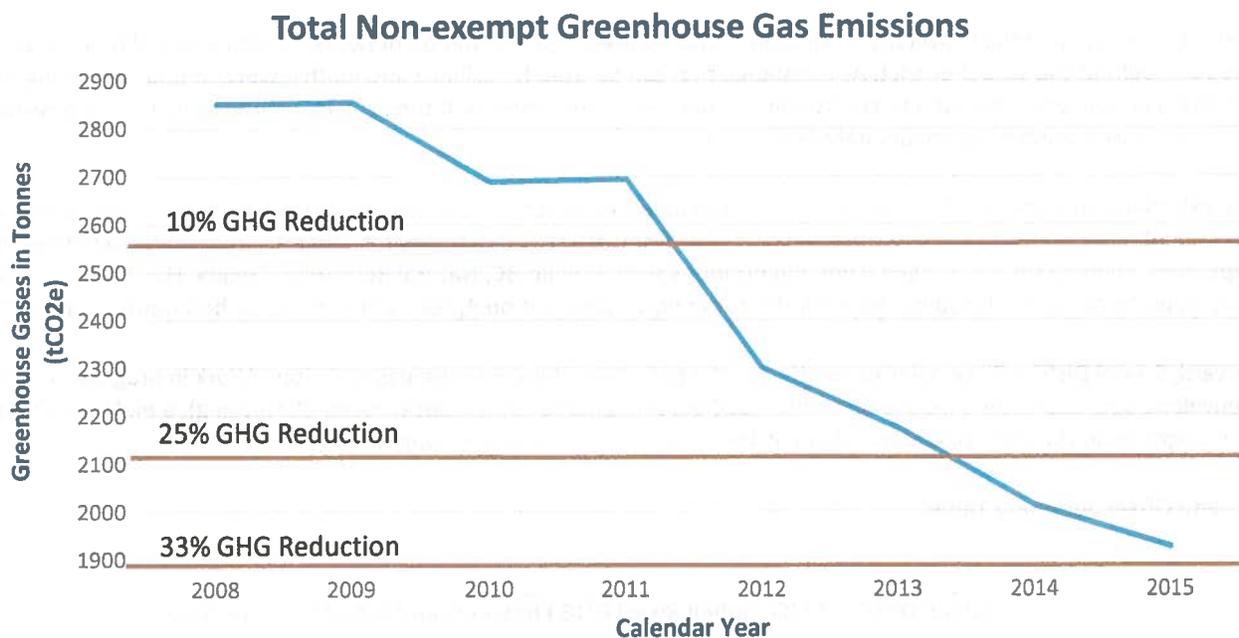
**Title:** “2015 Carbon Neutral Action Report”

**Organization name:** School District 72 (Campbell River)

**Declaration statement:** This Carbon Neutral Action Report for the period January 1<sup>st</sup>, 2015 to December 31<sup>st</sup>, 2015 summarizes our emissions profile, the total offsets to reach net-zero emissions, the actions we have taken in 2015 to reduce our greenhouse gas emissions and our plans to continue reducing emissions in 2016 and beyond.

By June 30, 2016 School District 72 (Campbell River )final *Carbon Neutral Action Report* will be posted to our website at [www.sd72.bc.ca](http://www.sd72.bc.ca).

**Overview:** By the end of 2015, School District 72 (Campbell River) had achieved the 2020 target described in the Greenhouse Gas Reduction Target Act (2007), a full five years early. This reduction also surpasses the City of Campbell River’s Community Energy and Emissions Plan target of a 25 percent reduction in community greenhouse gas emissions by 2020.



Our journey towards meeting the 2020 emissions reduction target began with strategic planning. After adopting an environmental responsibility policy, developing sustainability guidelines, and renewing a strategic partnership with BC Hydro, the district conducted an energy management assessment to identify priority reduction areas. The district also developed a strategic energy management plan which identified a wide variety of infrastructure projects, initiatives to engage students and staff, and community outreach efforts.

An environmental awareness focus group provided teachers and support staff with an opportunity to learn of projects, identify new initiatives, and receive feedback on progress towards carbon neutrality.

By developing and using energy consumption reports, Energy Star labelling, and Statistics Canada commercial and institutional energy use survey results, school administrators could see where their school’s biggest energy draws were and share this information with staff and students.

Students were also engaged through the establishment of eco-teams which developed student-led campaigns and activities such as energy conservation challenges and Earth Hour assemblies. BC Hydro school programs are also routinely offered to students and teachers.

Custodial professional development sessions also reinforce the key role of custodial staff, the benefits of using green cleaning products and 100% biodegradable garbage bags, and monitoring for lights and appliances that have been left on.

With staff and students on board, the district then focused on its relationships with the City of Campbell River, BC Hydro, North Island College, and the University of Victoria as other avenues to reach their reduction target. The continued strengthening of community relations is a key focus area in the district’s strategic plan.

School District 72 partnered with the City of Campbell River and RCMP as a signatory to the 2012 Youth Charter, providing the City’s Youth Action Committee (comprised of students from grades 9 to 12) an opportunity for direct input on community issues and projects, including a specific focus on environmental protection, climate change and energy conservation.

Collaboration with the City of Campbell River has also included using school sites for wind energy feasibility studies, school submissions for the annual Earth Week Film Festival, and joint tendering of commercial solid waste and recycling collection. By partnering with the city for its garbage and recycling pick-up, the district saved over 20 percent in waste collection costs and eliminated the need to sort recyclables – making recycling easier.

In partnership with North Island College, the district installed electric vehicle charging stations and a solar hot water system for the teaching kitchen on their shared campus.

School District 72 also joined the University of Victoria’s school-based weather station network, resulting in real time weather information throughout the school district. As a resource that can be used for science and math lessons, it is also allowing the district to pilot a project using the data to control the district’s irrigation systems. If the project is successful, it could possibly reduce irrigation water consumption by approximately 18 percent.

By seeking external grants and rebates, the district was also able to supplement the annual facilities grant by an additional \$415,000 (the equivalent of more than one-third of the grant) per year from 2010 to 2015 to pay for other environmental initiatives, including lighting upgrades. Funding sources ranged from organizations such as Solar BC, Natural Resources Canada, North Island College, and utility companies, to programs including the Public Sector Energy Conservation Agreement and the Carbon Neutral Capital Program.

Going forward, School District 72 remains committed to the reduction of greenhouse gas emissions. Work in progress includes a building envelope upgrade to the school board office (100 percent paid for by a grant through BC Housing), a multi-year program for unit heater upgrades in classrooms, and the planning for major mechanical system upgrades.

**Emissions and Offset Summary Table:**

<b>School District 72 (Campbell River) GHG Emissions and Offset for 2015 (TCO2E)</b>	
<b>GHG Emissions created in Calendar Year 2015</b>	
Total Emissions (tCO <sub>2</sub> e)	2,312
Total Offsets (tCO <sub>2</sub> e)	1,942
<b>Adjustments to GHG Emissions Reported in Prior Years</b>	
Total Emissions (tCO <sub>2</sub> e)	17
Total Offsets (tCO <sub>2</sub> e)	17
<b>Grand Total Offsets for the 2015 Reporting Year</b>	
Grand Total Offsets (tCO <sub>2</sub> e)	1,942

**Retirement of Offsets:**

In accordance with the requirements of the Greenhouse Gas Reduction Targets Act and Carbon Neutral Government Regulation, School District 72 (Campbell River) is responsible for arranging for the retirement of the offsets obligation reported above for the 2015 calendar year, together with any adjustments reported for past calendar years. The Organization hereby agrees that, in exchange for the Ministry of Environment ensuring that these offsets are retired on the Organization's behalf, the Organization will pay the associated invoice to be issued by the Ministry in an amount equal to \$25 per tonne of offsets retired on its behalf plus GST.

**Executive sign-off:**

Original signed by Tom Longridge

Signature

Date

*Thomas Longridge*  
Name (please print)

Title

*April 19, 2016*  
*Superintendent*

# CARBON NEUTRAL GOVERNMENT 2015

## SELF-CERTIFICATION CHECKLIST

SUBMISSION DEADLINE: MAY 16, 2016

### 2015 Greenhouse Gas Emissions Measurement & Reporting for

BC Carbon Neutral Public Sector Organizations subject to the *Greenhouse Gas Reductions Target Act (GGRTA)*

Please review the following statements and circle the most appropriate answer based on whether you agree (“Yes”) or disagree (“No”) with the statement in the context of the [Carbon Neutral Government Regulation \(CNGR\)](#) and the [Greenhouse Gas Reduction Targets Act \(GGRTA\)](#). In the case where “No” is the appropriate response, please provide an attachment outlining the rationale and what actions will be taken to correct the situation.

1.	I am familiar with requirements of the <i>Carbon Neutral Government Regulation</i> , the <i>Greenhouse Gas Reduction Targets Act</i> , and the geographic, organizational and operational boundaries under the legislation as interpreted in the <a href="#">2014/15 Scope Summary</a> .	<input checked="" type="radio"/> Yes	<input type="radio"/> No
2.	The personnel involved in the organization’s greenhouse gas (GHG) measurement and reporting process understand the legislation and related geographic, organizational and operational boundaries and have received appropriate training to fulfill their roles.	<input checked="" type="radio"/> Yes	<input type="radio"/> No
3.	The organization’s inventory of emission sources in each category of emissions (buildings, fleet, paper and fugitive emissions) is complete relative to the <b>geographic and organizational</b> boundaries as interpreted in the <a href="#">2014/15 Scope Summary</a> .	<input checked="" type="radio"/> Yes	<input type="radio"/> No
4.	The organization’s business processes for capturing energy, vehicle fuel and paper consumption/activity data have been designed to ensure completeness relative to the <b>operational</b> boundaries as interpreted in the <a href="#">2014/15 Scope Summary</a> .	<input checked="" type="radio"/> Yes	<input type="radio"/> No
5.	The organization’s consumption/activity data has been reviewed and reconciled where necessary for completeness, consistency and reasonableness prior to upload into SMARTTool.	<input checked="" type="radio"/> Yes	<input type="radio"/> No
6.	The GHG emissions report generated by SMARTTool has been reviewed and assessed for reasonableness. If any unresolved issues exist, they have been brought forward to the Climate Action Secretariat.	<input checked="" type="radio"/> Yes	<input type="radio"/> No
7.	Documentation representing the organization’s 2015 emission source inventory, related consumption/activity data and supporting business processes have been filed and will be retained for 7 years.	<input checked="" type="radio"/> Yes	<input type="radio"/> No
8.	In my assessment, I have not become aware of any significant internal control weaknesses or deficiencies in the GHG measurement process that might have impacted the accuracy and completeness of the source data uploaded into SMARTTool.	<input checked="" type="radio"/> Yes	<input type="radio"/> No

Signoff on reverse side – see next page

As the designated representative I certify that I have personally examined, and am familiar with, the processes used to capture, compile and report data for the purposes of meeting the Carbon Neutral Government Regulation under the *Greenhouse Gas Reduction Targets Act*. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information on this checklist are to the best of my knowledge and belief true, accurate, and complete.

Original signed by Kevin Patrick

\_\_\_\_\_  
Signature (CFO or Secretary-Treasurer)

\_\_\_\_\_  
Date

April 18, 2016

\_\_\_\_\_  
Name (please print)

\_\_\_\_\_  
Title

KEVIN PATRICK

SECRETARY TREASURER

\_\_\_\_\_  
Organization

SCHAW DISTRICT NO. 72 (CAMPELL RIVER)

Please email completed form to [climateactionsecretariat@gov.bc.ca](mailto:climateactionsecretariat@gov.bc.ca)