

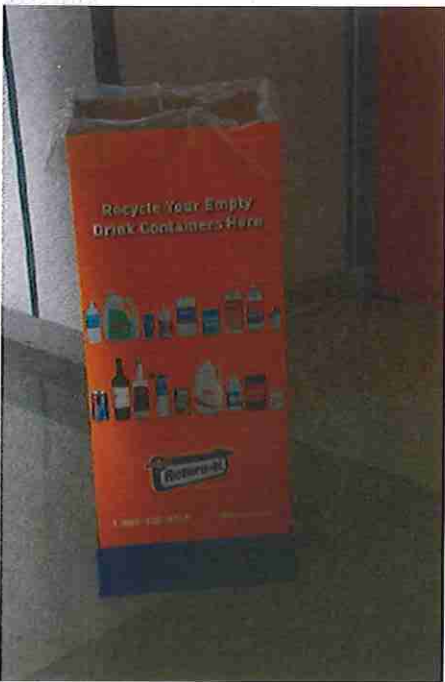


**SCHOOL DISTRICT #81
FORT NELSON**

**2013 CARBON NEUTRAL
ACTION REPORT**

EXECUTIVE SUMMARY

School District #81 (Fort Nelson), is one of the smallest school districts in British Columbia, with a student population of less than 800. Staff and students are located in seven locations. Within the municipality of Fort Nelson we have two primary schools with students from Kindergarten to Grade 4, one middle school with students from Grade 5 to 7, and one highschool with students from Grade 8 to 12. As well, we have a



maintenance yard and a school board office. In Toad River, two hours north of Fort Nelson, we have a Kindergarten to Grade 12 two-room school, and two teacherages.

School District #81 believes that leadership, in attempting to reduce our carbon footprint, is best demonstrated through action and example.

Although Fort Nelson is a remote community, in terms of distance from typical recycle facilities, the recycle opportunities that are available are used extensively. The School District continues to support our community Northern

Environmental Action Team at their various activities throughout the year including the river clean up, annual tin can recycling, and recycling of gently used clothing, to name a few. A great deal of thought, effort, and personal time is represented by the recycle initiatives participated in and undertaken by school district personnel.

Fort Nelson School District continued to encourage a culture of responsible stewardship throughout 2013. A number of projects were completed including the installation of intelligent parking meters on all plug-in outlets throughout the school district; the removal of two twenty



plus year old vehicles from the maintenance fleet with the replacement of one more energy efficient model; direct digital control installation at one of our primary schools; installation of an interactive school playground that is powered through a solar panel; installation of a high energy efficient furnace at our maintenance shop; completion of Phase I of a ventilation project at our highschool; installation of automatic flush valves in many of our washrooms; and the commencement of a replacement LED light program, to name a few.

A wonderful Art and Animation Challenge event was held in our local theatre to celebrate Earth Day. Entries were to depict a green information tip brought to life or an inspiring Earth Day message.

Entries from students included posters, recycled art, and animations of which winning entries were shared on the “big screen” at the theatre. There was not a vacant seat available. Other animation entries were available for viewing at the reception afterwards, on single display computers.

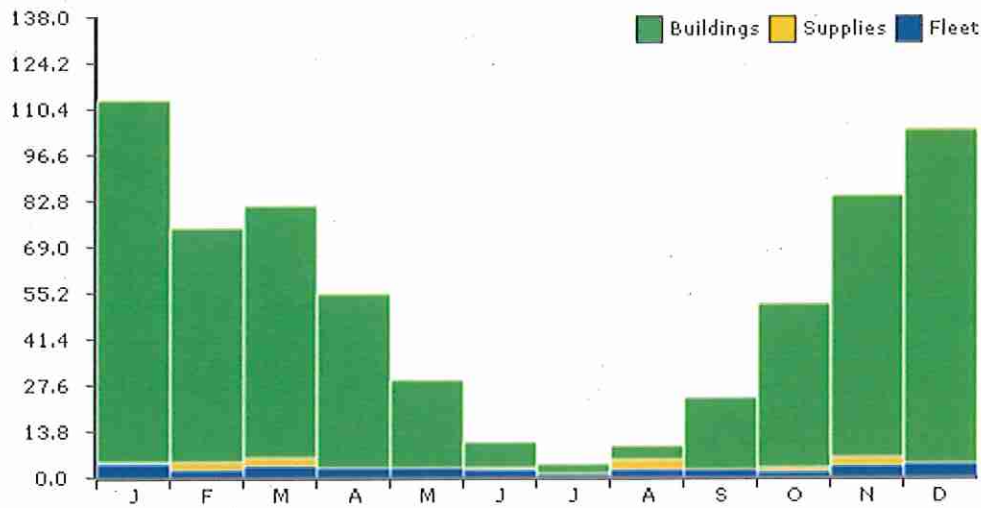


The art exhibits were taken to the local library where they continued to be on display for another month. Digital pictures of all winning entries are proudly displayed on the side of our new maintenance van. This is an ongoing project to encourage community members to be good energy stewards.

School District #81 (Fort Nelson) will continue to strive for responsible stewardship in participating in activities that reduce our carbon footprint.

**Total Emissions
Calendar Year 2013
School District 81 - Fort Nelson**

Metric tonnes
CO2 equivalent (tCO2e)



Click on the bars to view data for each month

Scope 1 Direct Emissions (Fleet)	37.82 tonnes
Scope 1 Direct Emissions (Stationary)	584.70 tonnes
Scope 2 Indirect Emissions	18.51 tonnes
Scope 3 Office paper	14.58 tonnes
Total 2013 Emissions	656 tonnes

Offset Exempt	9 tonnes
Adjustments to prior years	9 tonnes
Total Offset Purchase for 2013	656 tonnes

- 9 tonnes of Co2e of carbon dioxide emissions from the combustion of biomass-based fuels were reported as part of our greenhouse gas emissions profile. However, as stated in BC Best Practices 2012, Methodology for Measuring Greenhouse Gas Emission, the carbon

dioxide emissions resulting from the combustion of biogenic fuel sources must be reported but do not require offsets. Therefore, the total emissions for offsets in 2013 are 647.

As well, School District #81 had an adjustment to the prior years of 9 tonnes. Therefore, School District #81 (Fort Nelson) will have a total offset purchase of 656 tonnes for 2013, resulting in a cost of \$16,400. This is slightly higher than 2012 with fleet and stationary Scope 1 emissions slightly higher and Scope 2 and 3 slightly lower.

The School District is looking forward to the final stage of the ventilation project at our highschool. Energy studies are planned for four of our schools. The results of these studies will determine the selection of projects that will represent the most energy savings into the future.



Diana Samchuck
Superintendent of Schools
School District #81 (Fort Nelson)



Margaret-Anne Hall
Secretary-Treasurer
School District #81 (Fort Nelson)