

SD57 EdSC March 2012 Meeting notes for DPAC

Post Board Meeting

1 – March 27 Minutes approved

2 - Ecole Lac de Bois Playground on March 27 Board meeting

que - any lower activities for younger grades.

ans – SD57 facilities believes other playground does and new one is purchased with consultation of PAC and Henderson

que – was govt grant used?

ans - +half of cost using 2nd half of \$8m govt program

3 Carbon Neutral Action Report

Filing 2010 report in March 2012

Reports are Public on livesmart.bc.ca

- carbon offsets cost +\$163k per year for 6585 tonnes

Some ways SD57 is reducing Carbon output

- 38 furnaces changed

- condensing units in Mackenzie Secondary and Highglenn

- Solar Highglenn

- lighting PGSS and Kelly Road

- Change - apply for exemption 1% rule of wayward refrigerant, dont have any

- Rules recognize that schools need to be heated in winter when not in use.

- Duchess Park Uses electricity but no gas so \$70k saved

- Westwood boiler upgrade 24gj to 800j so ~\$10k Saved

- See image below for Emissions Summary

4 Mechanical System Upgrade - FortisBC understanding

- Aim to reduce carbon emissions in 41 buildings except closed or really old buildings, see next point

- must be able to pay upgrade over 25years so life of school must be at least 25years

- Research alternative heating viability such as ground source

-ex Duchess Park heating was \$1k for Feb shady valley was \$990

- Deal breaker is sd57 owns "furnace" not FortisBC so sd57 does maintenance

- Ground source can feed multiple buildings

- neighboring schools

- School and neighboring public buildings

- been worked on for almost a year. Next step is building visits by FortisBC with sd57 maintenance

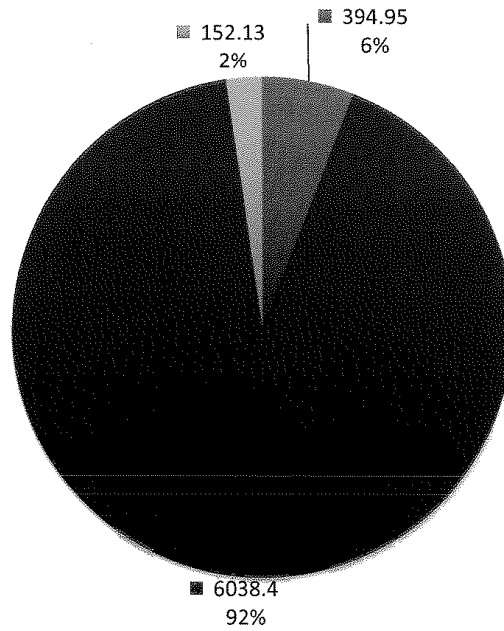
5 Next Meeting April 12ish

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School District No. 57 Greenhouse Gas Emissions by Source for the 2010 Calendar Year (tCO₂e*)



Total Emissions: 6585.48

- Mobile Fuel Combustion (Fleet and other mobile equipment)
- Stationary Fuel Combustion and Electricity (Buildings)
- Supplies (Paper)

Offsets Applied to Become Carbon Neutral in 2010

Total offsets purchased: **6573.3**. Total offset investment: **\$164,332.50**. Emissions which do not require offsets: **12.18** **

*Tonnes of carbon dioxide equivalent (tCO₂e) is a standard unit of measure in which all types of greenhouse gases are expressed based on their global warming potential relative to carbon dioxide.

** Under the *Carbon Neutral Government Regulation of the Greenhouse Gas Reduction Targets Act*, all emissions from the sources listed above must be reported. As outlined in the regulation, some emissions do not require offsets.