



FINANCE & OPERATIONS COMMITTEE OF THE WHOLE

MONDAY, MAY 16, 2022
10:30 to noon
via zoom

Mandate: To discuss and make recommendations to the board on financial matters and matters pertaining to facilities, maintenance, technology and transportation.

AGENDA

Facilitator: Trustee Flynn

Join Zoom Meeting

<https://sd69-bc-ca.zoom.us/j/63684277973>

Meeting ID: 636 8427 7973

1. **ACKNOWLEDGEMENT OF TRADITIONAL TERRITORIES**
2. **PRESENTATION**
3. **PROJECT UPDATES**
 - a. Fundraising for Oceanside Community Track at Ballenas (Elaine)
4. **ITEMS FOR DISCUSSION**
 - a. 2021 Climate Change Accountability Report (CCAR) (Ron) p 1-3
 - b. 2022-23 Annual Facilities Grant Expenditure Plan (Ron) p 4-5
5. **INFORMATION ITEM**
6. **ITEMS FOR RECOMMENDATION TO THE BOARD**
7. **FUTURE TOPICS**
8. **NEXT MEETING DATE:**
Monday, June 20 at 10:30; Via Zoom
9. **ADJOURNMENT**

2021 PSO Climate Change Accountability Report

Organization: School District No. 69 (Qualicum)

Declaration statement:

This PSO Climate Change Accountability Report for the period January 1, 2021 to December 31, 2021 summarizes our greenhouse gas (GHG) emissions profile, the total offsets to reach net-zero emissions, the actions we have taken in 2021 to reduce our GHG emissions and our plans to continue reducing emissions in 2022 and beyond.

Overview:

The district concluded the creation of a Board wide Strategic Plan in 2019. This plan included the following items which are applicable to emission reduction:

- Under Values: “Social responsibility and environmental sustainability” and “Innovation as a means of ensuring that we respond and adapt to a changing world and new understandings”.
- As a Guiding Principle: “Stewardship of the public investment in education in our community is crucial. This requires an unwavering commitment to fiscal responsibility and allocation of resources based on identified needs and strategic priorities.” We see this guiding principle as including environmental stewardship as part of fiscal responsibility.

Energy conservation is part of our ongoing work. Efforts to conserve energy are included throughout our 5 year Capital Plan and our Annual Facility Grant projects. In 2021, the district initiated or completed the following projects which will directly reduce carbon emissions:

- The district continues to evaluate every bus replacement in the context of carbon footprint, so with that in mind, we received our first electric bus in August 2021. We now feel we have some understanding of the right “fit” for an electric vehicle, but recognize that with the current technology the pay back on investment could extend beyond the life of the vehicle. That said, we will continue to review the size and type of buses required to continue to conserve energy.
- During summer 2021 the District constructed a Photovoltaic (PV) array placement on the roof of Qualicum Beach Elementary. This is the districts 5th solar power initiative that continues to help reduce our use of diesel and natural gas and take advantage of this alternate energy source.
- The district continued its waste program at 4 pilot schools to encourage the reduction in the amount of waste removed from school sites, with separation between food waste, recyclables and landfill. The program is expected to expand to 4 additional schools in the 21/22 school year.
- The district engaged an Engineering firm to review the energy usage of five of its buildings. The goal of the project is to identify opportunities to enhance the buildings’ performance through a process of “tuning up” building systems. In doing so, the intent is to save energy and improve operations without having to undertake a major capital investment.

Energy conservation continues to be a goal for the district. Our Operations and Maintenance department has completed several projects that have implemented controls for heat and lights, retrofits for lighting and

2021 PSO Climate Change Accountability Report

replacing plumbing fixtures with low flow units. Operations has continued to monitor the water usage on school fields with meters being installed where possible to monitor the water usage to reduce the need to water, particularly in summer. These are all part of the day to day operational work as well as project based work when Ministry or other funding permits.

Recognizing their role as the leaders of educational change in the School District, the School Board created a Climate Action Task Force in 2019. This group includes membership from all educational partners including students, staff and administration. Its mandate is to promote action to decrease greenhouse emissions, help develop plans to educate our learning community and advocate for progressive policy solutions.

Emissions and Offset Summary Table:

School District No. 69 (Qualicum) GHG Emissions and Offsets for 2021	
Total Emissions (tCO2e)	2,072
Total BioCO2	19
Total Offsets (tCO2e)	1,596
Offset Investment (\$25 per tCO2e)	\$ 39,900

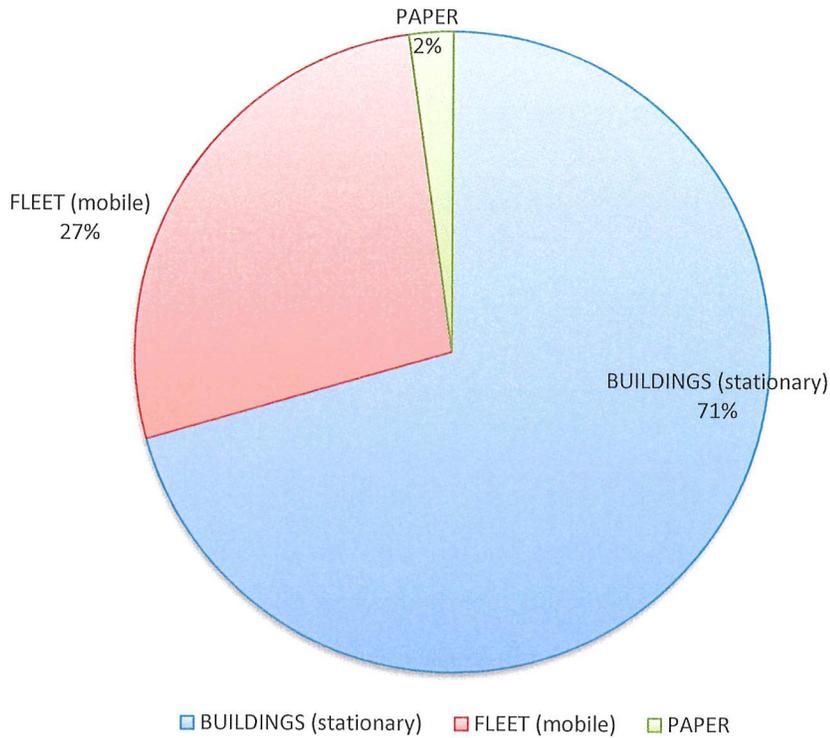
Retirement of Offsets:

In accordance with the requirements of the *Climate Change Accountability Act* and Carbon Neutral Government Regulation, School District No. 69 (Qualicum) (**the Organization**) is responsible for arranging for the retirement of the offsets obligation reported above for the 2021 calendar year, together with any adjustments reported for past calendar years (if applicable). The Organization hereby agrees that, in exchange for the Ministry of Environment and Climate Change Strategy (**the Ministry**) ensuring that these offsets are retired on the Organization's behalf, the Organization will pay within 30 days, 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.

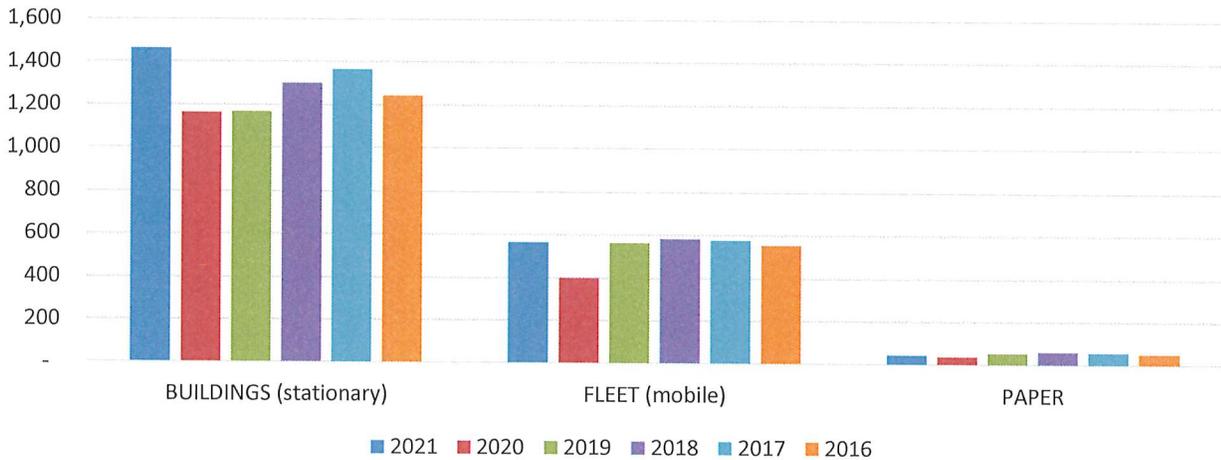
Executive sign-off:

_____	MAY 24, 2022
Signature	Date
RON AMOS	SECRETARY TREASURER
Name (please print)	Title

2021 - GHG Emissions by Source (tCO2e)



Annual GHG Emissions by Source



	5 yr chg	10 yr chg	2021	2020	2019	2018	2017	2016
BUILDINGS (stationary)	17%	-16%	1,462	1,163	1,167	1,302	1,366	1,243
FLEET (mobile)	2%	-21%	563	399	561	581	575	553
PAPER	-13%	-33%	47	39	55	62	59	54
TOTAL	12%	-18%	2,072	1,600	1,783	1,945	2,000	1,850

from BC Climate Action Secretariate Clean Government Reporting Tool (CGRT) Datasets



Submission Summary

Submission Summary:	AFG 2022/2023 2022-05-31
Submission Type:	Expenditure Plan
School District:	Qualicum (SD69)
Open Date:	2022-04-01
Close Date:	2022-05-31
Submission Status:	Draft

Submission Category	Sum Total Project Cost
AFG	\$1,005,401
Total	\$1,005,401

AFG

Project Number	Existing Facility?	Facility/Site	Project Type	VFA Requirement #	SD Project ID	Project Description	Total Project Cost
155752	No	All sites	Electrical (AFG)			Life cycle replacement for lights and ballasts in the school.	\$35,000
155751	No	Allsites	Electrical (AFG)			New power drops for shops	\$30,000
155750	Yes	Arrowview Elementary	Exterior Wall Systems (AFG)	257536		Exterior painting of site. This project will include some repair to the siding	\$40,000
155717	Yes	Bowser Elementary	Interior Construction (AFG)	new		Soundproofing a concrete wall to reduce noise in the classroom	\$5,000
155735	Yes	Bowser Elementary	Electrical (AFG)	257230		Upgrade to the security system	\$15,000
155713	Yes	Ecole Secondaire Ballenas Secondary	Accessibility Upgrades	new		Installation of an accessible ramp from the lower area to the egress area on the upper field	\$65,000
155719	Yes	Ecole Secondaire Ballenas Secondary	Asbestos Abatement			Removal of asbestos drain pipe in 2 locations. One in the hallway in the 600 wing and 1 in the counselling room	\$50,000
155729	Yes	Ecole Secondaire Ballenas Secondary	Electrical (AFG)	251389		Fiber/Cat 6 upgrade to 3 sections of the school	\$100,000
155749	Yes	Ecole Secondaire Ballenas Secondary	Electrical (AFG)	254626		Low voltage protection for shop equipment	\$5,000
152492	Yes	Errington Elementary	Site Upgrades			Upgrade to field including a new well to supply water to the field	\$73,039
155743	Yes	Errington Elementary	Plumbing (AFG)	1621603		Replacement of water system booster pump	\$6,000
152517	Yes	False Bay School	Interior Construction (AFG)	259177		Interior painting in the teacherages and 2 classrooms	\$4,000
155731	Yes	False Bay School	Interior Construction (AFG)	863387		Completion of the reno in the teacherage at the site. This includes decks, stairs and interior work	\$10,000



Submission Summary

155732	Yes	False Bay School	Electrical (AFG)	260696	This is the removal of the tower that will not be needed after the Telus wiring project has been completed. This will need to be air lifted away from the building to avoid risk to workers	\$25,000
155754	Yes	False Bay School	Electrical (AFG)	260397	Battery backup replacement	\$112,991
155755	Yes	False Bay School	Electrical (AFG)	260249	Upgrade to the power distribution in the main electrical room	\$12,000
155733	Yes	Kwailikum Secondary	Interior Construction (AFG)	254674	Removal and replacement of 4 door systems in the North building.	\$15,000
155739	Yes	Kwailikum Secondary	HVAC (AFG)	254958	Upgrade to the DDC to alleviate the power issues in the North building	\$2,000
155748	Yes	Kwailikum Secondary	Electrical (AFG)	254702	low voltage protection for shop equipment	\$5,000
152548	Yes	Nanoose Bay Elementary	Interior Construction (AFG)		Renovations to the MPR room	\$4,000
155742	Yes	Nanoose Bay Elementary	Electrical (AFG)	257049	Upgrade to the security system	\$15,000
155722	Yes	Oceanside Elementary	Interior Construction (AFG)	255899	Inspection and repair to the movable gymnasium wall	\$15,000
155723	Yes	Oceanside Elementary	Interior Construction (AFG)	new	Design and installation for phase 2 of the catwalk upgrade	\$40,000
155727	Yes	Oceanside Elementary	Plumbing (AFG)	255762	Replacement of Duravent piping from the boiler system that is leaking	\$20,000
155745	Yes	Oceanside Elementary	Plumbing (AFG)	255766	Removal of the existing generator and water pump and replace with a new piping system from the street to the fire suppression system	\$55,000
155747	No	Operations and Transportation	Site Upgrades		This amount is for District wide safety equipment for our sites. Some examples will be implementing confined space procedures	\$15,000
155716	Yes	Parksville Elementary	Asbestos Abatement	256336	Removal of asbestos drywall to be replaced with suspended ceiling in the lobby area. This was due to a roof leak	\$45,871
155728	Yes	Parksville Elementary	Electrical (AFG)	255354	Replacement of 2 light standards that were beyond life cycle	\$7,000
155746	Yes	Parksville Elementary	Electrical (AFG)	255133	Phase 2 of 2 to install equipment purchased from phase 1	\$30,000
155734	Yes	Qualicum Beach Elementary	HVAC (AFG)	257028	HV2 switch gear/speed drive replacement	\$5,000
155738	Yes	Qualicum Beach Elementary	Plumbing (AFG)		Boiler room back flow preventer replacement	\$2,000
155740	Yes	Qualicum Beach Elementary	Plumbing (AFG)	256984	Install 2 new 60 gallon hot water tanks to replace the old units	\$10,000
152475	Yes	Springwood Elementary	Site Upgrades	new	Add a raised crosswalk for safety of students	\$5,500
152477	Yes	Springwood Elementary	Electrical (AFG)		Upgrade breakers to GFI in panels	\$3,000
155741	Yes	Springwood Elementary	Plumbing (AFG)	255968	Repair the water entry station to the school	\$7,000
152514	Yes	Winchelsea Elementary	Exterior Wall Systems (AFG)	new	Outdoor storage structure and ground work for program needs	\$110,000
155744	Yes	Winchelsea Elementary	Plumbing (AFG)	255480	Repair to the water entry to the school in room 2A	\$6,000
Submission Category Total:						\$1,005,401