



Superintendent’s Advisory Council on Sustainability

Minutes from the October 26, 2021, Meeting KLC, Room 1101 A/B

Meeting Outcome:

Members received reports of September and October Sub-Committee meetings, discussed recommendations that will be made to the Superintendent in a forthcoming interim report, and reviewed Sub-Committee meeting schedules and locations for this school year.

Members in Attendance:

Tony Bright	Sheila Huckestein	Earnie Porta	John Wheeler
Karen Carney	Rob Johnson	Don Richardson	
Leyla Hopkins	Melinda Landry	Stephanie Ruiz Molina	

Members Absent:

Hannah Casey	Kristine Johnson	Dakota Russell	Angela Stouffer
Meredith Holland	Ramona Richardson	Tim Snee	

PWCS Facilitators/ Observers:

Dominik Bonshire	Brian Gorham	Jeanne Jabara	Jessica Weimer
Eric Carlson-Landy	James Higgins	Jennifer Rokasky	

Agenda Item	Most Responsible Person	Comments
Call to Order	Don Richardson, Chair	<ul style="list-style-type: none"> Mr. Richardson called the meeting to order at 7:10 p.m.

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Opening Remarks and Approval of 08.24.2021 Meeting Minutes	Don Richardson, Chair	<ul style="list-style-type: none"> • Dr. Porta made a motion to approve the minutes. • Ms. Landry seconded the motion. • Motion passed 10-0 (7 not present at vote).
Citizen Comment Time	Don Richardson, Chair	<ul style="list-style-type: none"> • One citizen signed up to comment: <ul style="list-style-type: none"> ○ Charlie Grymes – Transportation network and Safe Routes to School (SRTS).
Sub-Committee Reports, including Recommendations for Interim Report to Superintendent (Meeting Minutes located in Sub-Committee Folders in Group Files)	<ul style="list-style-type: none"> • Dr. Earnie Porta, “Collaboration with County” Sub-Committee Chair; • Melinda Landry, “Environmental Literacy” Sub-Committee Chair; and • Kristine Johnson, “High-Performance Buildings” Sub-Committee Chair. 	<ul style="list-style-type: none"> • Dr. Porta reviewed meeting minutes from the 10.26.2021 CwC Sub-Committee: <ul style="list-style-type: none"> ○ There are no updates on the County’s hiring of the Sustainability Coordinator; ○ Staff presented information about Fairfax County’s climate action goals; ○ Future meetings will include moving several upcoming meetings to before Full Council meetings <ul style="list-style-type: none"> ▪ Every other month, CwC will meet before Full Council at 5:45 p.m.; and ○ Recommendation: three students serve on the JET (one student, plus two alternates, total of one student vote). • Ms. Landry reviewed meeting minutes from the 10.07.2021 EL Sub-Committee: <ul style="list-style-type: none"> ○ Staff presented information about data collected from survey of physical features and outdoor classrooms that included gardens and energy conservation practices; ○ A team of teachers reviewed elements of environmental literacy in curriculum: <ul style="list-style-type: none"> ▪ There are environmental literacy concepts in elementary and high school curriculum that

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		<p>are related to science, social science, and health and physical education; and</p> <ul style="list-style-type: none"> ○ Future meetings will include moving several upcoming meetings to before Full Council meetings <ul style="list-style-type: none"> ▪ Every other month, EL will meet before Full Council at 5:45 p.m. ● Mr. Richardson, on behalf of Ms. Johnson, reviewed meeting minutes from the 09.23.2021 and 10.26.2021 HPB Sub-Committee: <ul style="list-style-type: none"> ○ Committee members toured Occoquan Elementary School and discussed potential recommendations regarding the Capital Improvements Plan (CIP); ○ Committee members discussed recommendations they will suggest be made for Superintendent’s interim report; and ○ Future meetings will include moving several upcoming meetings to before Full Council meetings <ul style="list-style-type: none"> ▪ Every other month, HPB will meet before Full Council at 5:45 p.m. ● All available presentation slides and reference documents are located in group files.
<p>Round-table Discussion of Recommendations for Interim Report to Superintendent and Approval of Recommendations</p>	<p>Don Richardson, Chair</p>	<ul style="list-style-type: none"> ● Mr. Richardson reviewed a matrix of potential recommendations that the SACS could make to the Superintendent. The Council will vote on the list of recommendations in the matrix. ● Mr. Gorham reviewed the memo sent to executive staff requesting additional staffing for Energy & Sustainability that would help meet the requirements of the Sustainability Initiative as set forth by the School Board on June 10, 2020. ● Ms. Landry made a motion about staff professional development.

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		<ul style="list-style-type: none"> ○ Dr. Huckestein seconded the motion. ○ Motion reads: I move that staff along with Professional Learning Department collaborate to create a new professional development category within the professional development catalog for environmental literacy to ensure that related professional development and future professional development is cross-listed. <ul style="list-style-type: none"> ▪ It is important to showcase environmental literacy within PD based on the directives from the sustainability initiative created by our school board, Policy 495, and Regulation 495-1. Having a category that highlights Environmental Literacy will bring more attention to this important topic. ▪ PBL is inherently cross curricular, and should be a focus for environmental literacy-based PD. Based on the Sustainability Initiative stating our school division will "Establish project-based learning opportunities with new efforts focused on sustainability and environmental literacy", professional development related specifically to PBL, and Environmental Literacy should be easily found in the Professional Development Catalog. ▪ Teachers, especially those with significant Environmental Literacy standards of learning such as PE, Science and CTE, should be able to easily access PD that is related to their Environmental Literacy

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		<p style="text-align: center;">content and not solely listed as a science, PE, or CTE PD.</p> <ul style="list-style-type: none"> ○ Motion passed 10-0. ● Dr. Porta made a motion about appointing representatives to the JET. <ul style="list-style-type: none"> ○ Mr. Wheeler seconded the motion. ○ Motion reads: I move that the SACS appoint representatives to JET and encourage BOCS to do the same. The goal is to make appointments by January 1, 2022. ○ Motion passed 10-0. ● Mr. Richardson asked that the Council review each item on the matrix and vote on each accordingly. <ul style="list-style-type: none"> ○ Accelerate LED replacement and Smart Irrigation by FY 2023: <ul style="list-style-type: none"> ▪ Motion: Landry; Second: Carney; Motion passed 10-0. ○ Solar PPA at nine sites: <ul style="list-style-type: none"> ▪ Motion: Porta; Second: Carney; Motion passed: 10-0. ○ Air purification systems (item tabled for another discussion): <ul style="list-style-type: none"> ▪ Motion: Carney; Second: Wheeler; Motion passed: 10-0. ○ Sustainability Strategy (establish baseline for metrics): <ul style="list-style-type: none"> ▪ Motion: R. Johnson; Second: Wheeler; Motion passed: 9-0. ○ Transportation study for walking boundaries (Chair will combine/integrate item numbers 9, 11, 12, 13 as written):

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		<ul style="list-style-type: none"> <ul style="list-style-type: none"> ▪ Motion: Wheeler; Second: Landry; Motion passed: 9-0. ○ Retrofit bathrooms with touchless, automatic faucets: <ul style="list-style-type: none"> ▪ Motion: Porta; Second: Carney; Motion passed: 9-0. ○ Biophilic design element in Design and Construction Manual: <ul style="list-style-type: none"> ▪ Motion: Carney; Second: Porta; Motion passed: 9-0. ○ Outfit all schools with water bottle refill stations; include in Design and Construction Manual: <ul style="list-style-type: none"> ▪ Motion: Carney; Second: Porta; Motion passed: 9-0. ○ User experience survey after 8-school pilot program using ARC (item tabled for another discussion): <ul style="list-style-type: none"> ▪ Motion: Wheeler; Second: Landry; Motion passed: 9-0. ○ Site-based metrics dashboard with digital displays to track water and energy usage at each site: <ul style="list-style-type: none"> ▪ Motion: Porta; Second: Landry; Motion passed: 9-0. ○ Install EV charging stations at the KLC and high schools; incorporate in the Design and Construction Manual (change wording to evaluate feasibility and funding): <ul style="list-style-type: none"> ▪ Motion: Carney; Second: Wheeler; Motion passed: 9-0. ● Mr. Richardson will update the matrix of recommendations and staff will facilitate distribution to the Superintendent and stakeholders upon completion.

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		<ul style="list-style-type: none"> • See “Attachment 1” for a final matrix with approved recommendations.
Review: Sub-Committee Meeting Schedule and Locations	Don Richardson, Chair	<ul style="list-style-type: none"> • Sub-Committee schedules were discussed in reports by Sub-Committee chairs. • All available presentation slides and reference documents are located in group files.
Adjournment	Don Richardson, Chair	<ul style="list-style-type: none"> • The next meeting of the Full Council is scheduled for January 25, 2022, at 7:00 p.m. The meeting will be held at the KLC, Room 1101 A/B. • Mr. Richardson adjourned the meeting at 8:41 p.m.

Attachment 1:

Item Number	Approved Recommendations – SY 2021-22
1	SACS supports the budget requests for staffing as outlined in the staff memo of 28 Sept 2021 to the Associate Superintendent for Support Services.
2	Collaborate with the Office of Teaching and Learning to create a new professional development category for Environmental Literacy to ensure that related professional development and future professional development is cross listed.
3	PWCS should identify its representatives to the new Joint Environmental Task Force so that the School Division is ready to participate immediately once the BOCS formally stands up the JET.
4	Allocate funding to complete the LED Replacement project by the end of FY 2023. [carryover recommendation from Spring 2021]
5	Allocate funding to expedite implementation of the Smart Irrigation initiative. [carryover recommendation from Spring 2021]
6	Continue support for the procurement of a Solar PPA for 9 identified sites.
7	Issue an RFP to develop a Sustainability Strategy that will create a Division-wide baseline for sustainable metrics, provide recommendations for how we can improve, and provide a timeline for implementation.
8	Safe Routes to School: Task appropriate department(s) to study walking boundaries for all grade levels , identify barriers to Safe Routes to School and the number of students being bussed that could be reduced if barriers were addressed; Consider increasing the MS and HS walk limit to 1.5 miles; Provide this data to the Joint Environmental Task Force to facilitate actions by County Government and other entities such as VDOT; Provide for community education regarding the benefits of walking/biking and new safety measures; Give guidance to future attendance boundary committees that plans that increase the overall level of bussing of students should be avoided.
9	Retrofit bathrooms with touchless, automatic faucets and automatic soap dispensers as part of the standard 7- or 14-year school renewal/renovation package; incorporate in the Design and Construction Manual for all new construction.
10	Incorporate biophilic design elements such as Living walls, outdoor classrooms, etc. in the Design and Construction Manual; consider adding elements to the standard school renewal/renovation package as appropriate.

Item Number	Approved Recommendations – SY 2021-22
11	Outfit all schools with water bottle refilling stations ; incorporate touchless bottle filling stations in the DCM.
12	Develop a site-based metrics dashboard using digital displays to track water and energy usage at each site; When the 8-school pilot program with ARC is completed, incorporate Sustainability questions in the Division-wide Surveys using ARC.
13	Evaluate feasibility and potential funding mechanisms for Electric Vehicle Charging Stations at PWCS sites; Staff should present a Case Study to SACS during 2022-2023 in conjunction with the Sustainable Strategy RFP.
14	SACS should receive an update from Environmental at its January 2022 meeting regarding standalone air purification systems in critical spaces to improve Indoor Air Quality and assist with infection control protocols.