
SUSTAINABILITY COMMITTEE ANNUAL REPORT

POLICY ISSUE / SITUATION:

Board Policy EDD established sustainability priorities for the District. The implementing Administrative Regulation (EDD-AR) created an Advisory Committee for Sustainability to help guide the District's adoption of practices that balance environmental, social and fiscal responsibility. Key tasks assigned to the Committee in EDD-AR were development of a five-year work plan for the District to implement sustainability practices and annual reporting to the School Board. The Committee has completed a scorecard report for the 2011-12 work plan and created an updated long range sustainability plan.

BACKGROUND INFORMATION:

The attached 2011-12 Sustainability Performance Scorecard represents the second annual work plan report for the District. Significant progress was made on each of the 22 Goals in the work plan with 18 of them being fully completed. Details are on the Scorecard.

The major work of the Committee during 2011-12 was focused on updating the District's sustainability five-year plan. The Committee concluded that it would be more appropriate to consider the update as a *Long Range Plan*, in order to recognize that sustainability is an on-going effort without a specific end point. In addition, the Committee considered a new way to organize goals. The prior five-year plan structured the District's efforts into six categories, called *Pillars*, which have been retained: (1) Procurement, (2) Energy & Water, (3) Buildings and Grounds, (4) Food, (5) Transportation, and (6) Education. However, the goals have been changed to be identical for each Pillar while the objectives supporting the goals were tailored to align with the contributions relevant to a specific Pillar. The new goals are:

- Educate about Sustainability
- Consume Less
- Minimize Waste
- Buy Sustainably
- Promote a Healthy Community

The updated District Sustainability Long Range Plan is attached.

RECOMMENDATION:

It is recommended that the Beaverton School District Board of Directors review the sustainability scorecard report for the 2011-12 work plan, the updated District Sustainability Long Range Plan, and provide appropriate guidance or comments.

The Beaverton School District recognizes the diversity and worth of all individuals and groups. It is the policy of the Beaverton School District that there will be no discrimination or harassment of individuals or groups based on race, color, religion, gender, sexual orientation, gender identity, gender expression, national origin, marital status, age, veterans' status, genetic information or disability in any educational programs, activities or employment.

**BSD Strategic Plan 2010-2015
Sustainability Value**

**“WE EMBRACE OUR STEWARDSHIP RESPONSIBILITY
FOR OUR ENVIRONMENT AND OUR COMMUNITY, AND
MANAGE OUR ACTIVITIES WITH FUTURE GENERATIONS IN MIND.”**

PRIORITY WORK STREAMS AND GOALS



PROCUREMENT & MATERIALS MANAGEMENT	ENERGY & WATER MANAGEMENT	BUILDINGS & GROUNDS	FOOD	TRANSPORTATION	EDUCATION
<p>TO REDUCE CONSUMPTION, PROCURE AND DISPOSE RESPONSIBLY, AND STRIVE TO ELIMINATE WASTE</p>	<p>TO OPTIMIZE ENERGY AND WATER RESOURCES, INCORPORATING LIFECYCLE CONSIDERATIONS IN FACILITY DESIGN, CONSTRUCTION, OPERATION, AND MAINTENANCE</p>	<p>TO ASSURE SAFE AND HEALTHY ENVIRONMENTS FOR LEARNING AND INCLUDE SUSTAINABILITY PRACTICES IN FACILITY SITING, DESIGN, CONSTRUCTION, AND MAINTENANCE</p>	<p>TO INSTILL HEALTHY EATING HABITS IN STUDENTS AND SERVE FOOD THAT SUSTAINS STUDENTS, LOCAL ECONOMIES, AND ENVIRONMENTS</p>	<p>TO REDUCE THE ENVIRONMENTAL IMPACT OF GETTING TO AND FROM SCHOOL AND OPERATING AND MAINTAINING DISTRICT VEHICLES</p>	<p>TO INSPIRE AND EDUCATE THE BSD COMMUNITY OF STUDENTS, FAMILIES, STAFF, NEIGHBORS, AND BUSINESSES FOR AND THROUGH SUSTAINABILITY</p>

‘SUSTAINABILITY’ DEFINED: MEETING THE NEEDS OF THE PRESENT WITHOUT COMPROMISING THE ABILITY OF FUTURE GENERATIONS TO MEET THEIR OWN NEEDS, CONSIDERING THE INTERRELATIONSHIPS OF ECONOMIC, SOCIAL, AND ENVIRONMENTAL FACTORS.

PROCUREMENT & MATERIALS MANAGEMENT

To reduce consumption, procure and dispose responsibly, and strive to eliminate waste

Sustainability Goal		Objective
A.1	Educate about Sustainability	
		A.1.1 Incorporate Sustainability information into Purchasing Sharepoint site
A.2	Consume Less	
		A.2.1 Communicate opportunities to reuse instead of purchasing new materials A.2.2 Transition to electronic bidding process
A.3	Minimize Waste	
		A.3.1 Develop reduced packaging language for solicitation documents A.3.2 Develop end of life / recycling practices A.3.3 Use electronic transactions for Project Orders, billing & payments
A.4	Buy Sustainably	
		A.4.1 Procure sustainable office & custodial products
A.5	Promote a Healthy Community	

ENERGY & WATER MANAGEMENT

Optimize energy and water resources, incorporating lifecycle considerations in facility design, construction, operation, and maintenance

Sustainability Goal		Objective
B.1	Educate about Sustainability	
		B.1.1 Increase web presence B.1.2 Energy & Resource Conservation staff to increase collaboration with Teaching and Learning Department for dissemination of curriculum and resources B.1.3 Utilize other student activities for energy conservation education B.1.4 Train custodial staff on energy efficient operations of buildings
B.2	Consume Less	
		B.2.1 Create and maintain energy efficient buildings in Beaverton School District B.2.2 Maintain aggressive implementation of energy conservation facilities projects B.2.3 Facilities to collaborate with IT for ongoing computer power management B.2.4 Use water efficiently at all District facilities
B.3	Minimize Waste	
		B.3.1 Implement waste water minimization strategies B.3.2 Energy & Resource Conservation staff to collaboration with Teaching and Learning Department for dissemination of curriculum and resources
B.4	Buy Sustainably	
		B.4.1 Purchase high-efficiency building system equipment B.4.2 Energy savings are reinvested into energy efficiency efforts B.4.3 Procure renewable energy
B.5	Promote a Healthy Community	
		B.5.1 Promote school contests around energy and water efficiency B.5.2 Solicit community observations to identify energy and water waste

BUILDINGS & GROUNDS

Assure safe and healthy environments for learning and include sustainability practices in facility siting, design, construction, and maintenance

Sustainability Goal		Objective
c.1	Educate about Sustainability	
		C.1.1 Train maintenance & building staff for compliance with Integrated Pest Management plan C.1.2 Train custodial staff on approved chemicals for cleaning C.1.3 Inform public about District use of chemicals in schools (cleaning and pesticides) C.1.4 Design educational features into new construction projects that inform students about the functional aspects of the building's systems & sustainability components
c.2	Consume Less	
		C.2.1 Reduce water consumption used for irrigation
c.3	Minimize Waste	
		C.3.1 Maximize recycling of waste building materials from renovation projects C.3.2 Reduce storm water runoff by minimizing impervious surfaces in new construction
c.4	Buy Sustainably	
		C.4.1 Mandate use of post-consumer recycled materials in new construction where feasible C.4.2 Building and grounds designs and material selections incorporate sustainability considerations
c.5	Promote a Healthy Community	
		C.5.1 Reduce indoor air pollutants C.5.2 Implement a District Integrated Pest Management plan

FOOD

Instill healthy eating habits in students and serve food that sustains students, local economies, and environments

Sustainability Goal	Objective
D.1	Educate about Sustainability
	D.1.1 Provide input to health curriculum about healthy and sustainable eating
D.2	Consume Less
	D.2.1 Reduce energy use in kitchen operations
D.3	Minimize Waste
	D.3.1 Reduce waste in the production and service of school meals D.3.2 Reduce the amount of leftover food thrown in trash D.3.3 Reduce the amount of disposable service ware used
D.4	Buy Sustainably
	D.4.1 Increase food purchases for the school meals program that come from local sources D.4.2 Identify if current food products are packed or stored in cans lined with BpA D.4.3 Increase purchase of organic produce
D.5	Promote a Healthy Community
	D.5.1 Implement "Healthier U.S. School Challenge" Criteria D.5.2 Advocate for longer meal times for students

TRANSPORTATION

Reduce the environmental impact of getting to and from school and operating and maintaining District vehicles

Sustainability Goal		Objective
E.1	Educate about Sustainability	
		E.1.1 Promote safe walking and biking routes to all schools
E.2	Consume Less	
		E.2.1 Implement better routing system for buses E.2.2 Train drivers on vehicle efficiency E.2.3 Reduce Maintenance Services vehicle mileage E.2.4 Reduce District vehicle idling to save fuel
E.3	Minimize Waste	
		E.3.1 Maintain Ecobiz Certification
E.4	Buy Sustainably	
		E.4.1 Expand use of biofuels in bus fleet E.4.2 Purchase hybrid vehicles District-wide
E.5	Promote a Healthy Community	
		E.5.1 Create more safe routes to school E.5.2 Reduce number of parents driving students to school E.5.3 Reduce all vehicle idling at schools and support facilities to improve air quality E.5.4 Reduce bus emissions

EDUCATION

Inspire and educate the BSD community of students, families, staff, neighbors, and businesses for and through sustainability

Sustainability Goal		Objective
F.1	Educate about Sustainability	
		<p>F.1.1 Provide sustainability and garden resources to support instruction, which is tied to learning targets and linked to TeacherSource.</p> <p>F.1.2 Facilitate staff and student connections to community resources and grants that can be used as alternate teaching environments (Access Tutorials, study halls, service groups, summer courses etc.)</p> <p>F.1.3 Share departments' and schools' sustainability successes in Staff Talk and on District website</p>
F.2	Consume Less	
		<p>F.2.1 Share documents, class assignments & communication electronically whenever possible in schools and departments</p>
F.3	Minimize Waste	
		<p>F.3.1 Purchasing Office communicates with District purchasers regarding reduced packaging options</p>
F.4	Buy Sustainably	
		<p>F.4.1 Department purchasers specify reduced packaging options in contracts</p>
F.5	Promote a Healthy Community	
		<p>F.5.1 Use Terra Nova garden program as a model for healthy eating</p>